

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064801.D
 Acq On : 24 Nov 2020 11:25
 Operator : JC/MD
 Sample : VN1124WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS01

Quant Time: Nov 25 04:02:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	202712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	310485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138410	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	112199	47.61	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.22%	
35) Dibromofluoromethane		7.54	113	94573	50.90	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.80%	
50) Toluene-d8		10.06	98	375591	49.48	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.96%	
62) 4-Bromofluorobenzene		12.37	95	131967	48.58	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	31224	17.773	ug/l	97
3) Chloromethane	2.04	50	39314	17.220	ug/l	97
4) Vinyl Chloride	2.17	62	40618	17.065	ug/l	99
5) Bromomethane	2.54	94	29310	18.769	ug/l	95
6) Chloroethane	2.68	64	26783	18.193	ug/l	96
7) Trichlorofluoromethane	2.99	101	59088	17.959	ug/l	97
8) Diethyl Ether	3.37	74	22970	17.686	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	37184	18.839	ug/l	98
10) Methyl Iodide	3.91	142	44159	17.249	ug/l	99
11) Tert butyl alcohol	4.75	59	27230	74.090	ug/l #	84
12) 1,1-Dichloroethene	3.69	96	35727	18.175	ug/l	94
13) Acrolein	3.57	56	19254	85.767	ug/l	99
14) Allyl chloride	4.28	41	54592	16.838	ug/l	99
15) Acrylonitrile	4.93	53	86099	84.801	ug/l	99
16) Acetone	3.78	43	62662	80.885	ug/l	99
17) Carbon Disulfide	4.00	76	91835	18.097	ug/l	100
18) Methyl Acetate	4.28	43	37396	16.055	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	107932	17.120	ug/l	99
20) Methylene Chloride	4.50	84	41274	17.002	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	37884	17.355	ug/l	96
22) Diisopropyl ether	5.90	45	117570	18.117	ug/l	97
23) Vinyl Acetate	5.84	43	457218	88.107	ug/l	99
24) 1,1-Dichloroethane	5.80	63	69990	18.047	ug/l	99
25) 2-Butanone	6.78	43	103978	82.796	ug/l	99
26) 2,2-Dichloropropane	6.77	77	58516	17.397	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	44186	17.989	ug/l	97
28) Bromochloromethane	7.15	49	32468	18.300	ug/l	95
29) Tetrahydrofuran	7.17	42	70378	81.185	ug/l	99
30) Chloroform	7.32	83	71839	17.962	ug/l	95
31) Cyclohexane	7.61	56	59704	18.177	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	61926	18.028	ug/l	99
36) 1,1-Dichloropropene	7.75	75	52738	18.325	ug/l	99
37) Ethyl Acetate	6.88	43	45986	16.588	ug/l	99
38) Carbon Tetrachloride	7.73	117	56386	18.830	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	56275	18.165	ug/l	98
40) Benzene	8.00	78	161008	18.257	ug/l	99
41) Methacrylonitrile	7.12	41	23924	18.703	ug/l	86
42) 1,2-Dichloroethane	8.08	62	54609	18.356	ug/l	100
43) Isopropyl Acetate	8.13	43	73058	16.378	ug/l	100
44) Trichloroethene	8.80	130	45914	17.646	ug/l	97
45) 1,2-Dichloropropane	9.08	63	42832	18.755	ug/l	98
46) Dibromomethane	9.17	93	28067	18.396	ug/l	99
47) Bromodichloromethane	9.37	83	56178	18.299	ug/l	95
48) Methyl methacrylate	9.16	41	35601	16.702	ug/l	96
49) 1,4-Dioxane	9.17	88	13613	337.908	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	230728	86.156	ug/l	99
52) Toluene	10.12	92	103194	19.001	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	59328	17.351	ug/l	98
54) cis-1,3-Dichloropropene	9.80	75	66397	18.116	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	40524	18.145	ug/l	98
56) Ethyl methacrylate	10.40	69	52047	16.888	ug/l	98
57) 1,3-Dichloropropane	10.68	76	67020	18.192	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	151891	89.599	ug/l	99
59) 2-Hexanone	10.72	43	161813	83.957	ug/l	97
60) Dibromochloromethane	10.87	129	45174	18.197	ug/l	96
61) 1,2-Dibromoethane	10.97	107	40016	17.636	ug/l	98
64) Tetrachloroethene	10.60	164	50534	18.624	ug/l	95
65) Chlorobenzene	11.41	112	112146	18.724	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	41431	18.823	ug/l	98
67) Ethyl Benzene	11.48	91	185962	18.586	ug/l	99
68) m/p-Xylenes	11.59	106	146503	38.674	ug/l	99
69) o-Xylene	11.92	106	69081	19.217	ug/l	98
70) Styrene	11.94	104	117772	19.407	ug/l	98
71) Bromoform	12.10	173	31278	17.792	ug/l #	97
73) Isopropylbenzene	12.22	105	182445	18.951	ug/l	100
74) N-amyl acetate	12.04	43	61714	16.289	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	50261	17.812	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	70560	23.672	ug/l #	100
77) Bromobenzene	12.50	156	46942	18.086	ug/l	100
78) n-propylbenzene	12.56	91	207350	18.906	ug/l	100
79) 2-Chlorotoluene	12.65	91	126020	18.588	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	156311	19.533	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	17527	16.116	ug/l	91
82) 4-Chlorotoluene	12.75	91	131682	18.531	ug/l	99
83) tert-Butylbenzene	12.97	119	127566	19.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	155722	19.247	ug/l	99
85) sec-Butylbenzene	13.14	105	170522	19.148	ug/l	99
86) p-Isopropyltoluene	13.26	119	159862	19.717	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	84480	18.320	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	85057	17.441	ug/l	99
89) n-Butylbenzene	13.59	91	127383	17.890	ug/l	100
90) Hexachloroethane	13.85	117	25976	18.442	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	82833	18.294	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	11044	17.394	ug/l	94

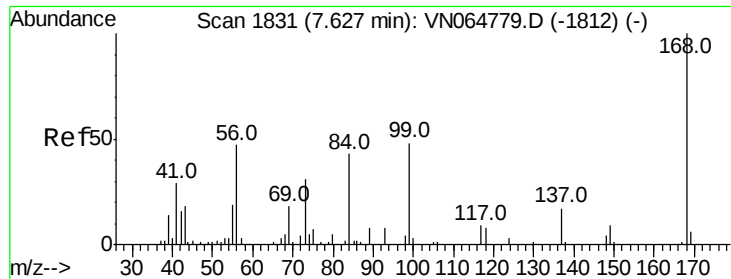
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	46926	16.753	ug/l	99
94) Hexachlorobutadiene	14.98	225	22226	17.862	ug/l	97
95) Naphthalene	15.10	128	131518	15.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	45138	17.877	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

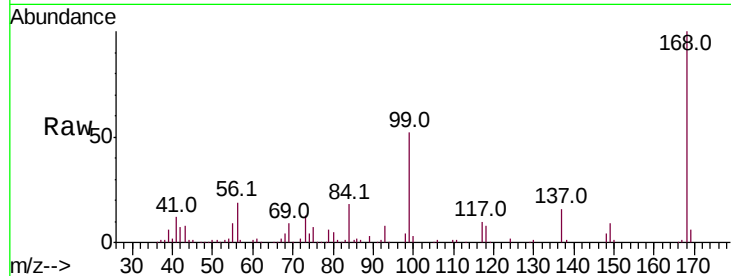
VN1124WBS01

Tot Ion:168 Resp: 202712

Ion Ratio Lower Upper

168 100

99 52.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

40000

20000

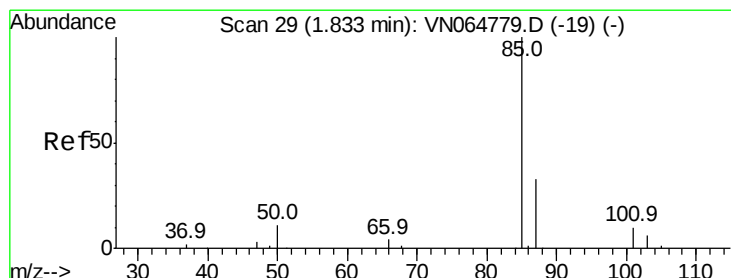
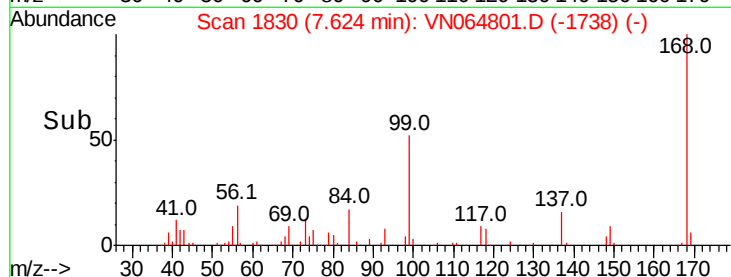
0

Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 17.773 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064801.D

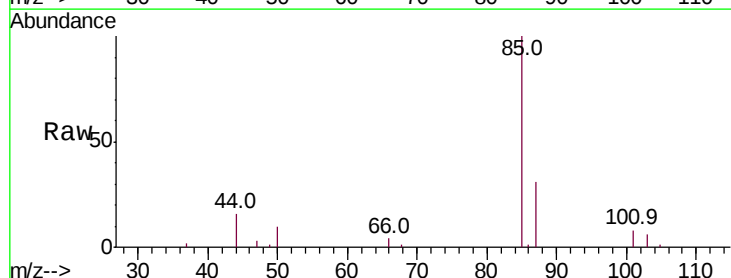
Acq: 24 Nov 2020 11:25

Tgt Ion: 85 Resp: 31224

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

10000

5000

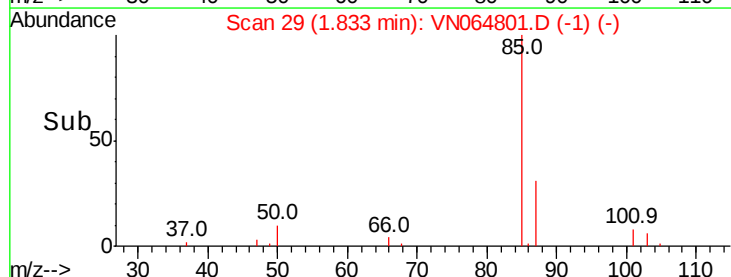
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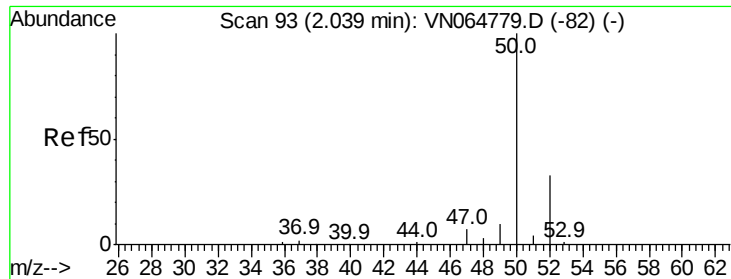
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 17.220 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

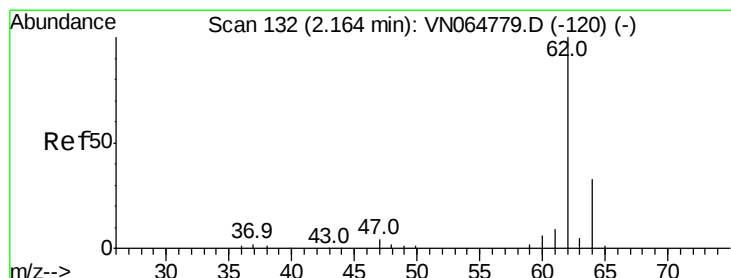
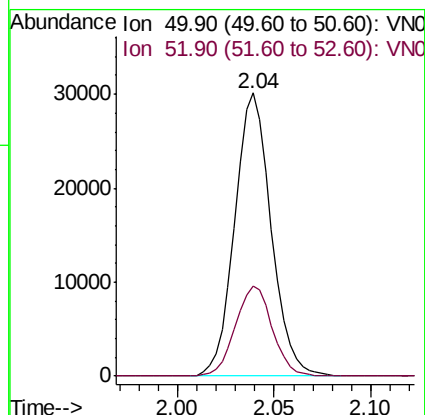
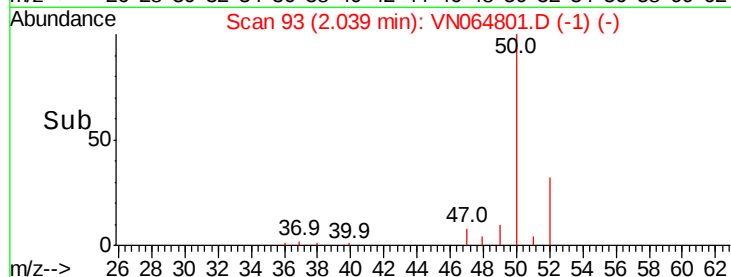
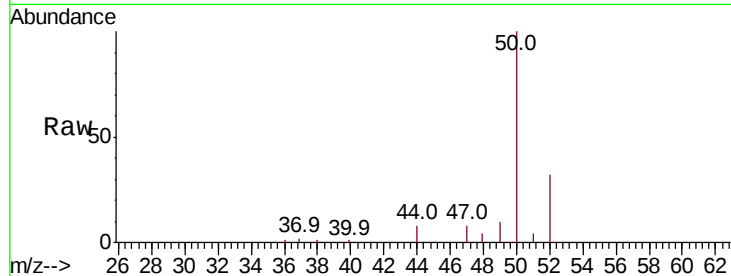
VN1124WBS01

Tot Ion: 50 Resp: 39314

Ion Ratio Lower Upper

50 100

52 31.8 26.6 39.8



#4

Vinyl Chloride

Concen: 17.065 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064801.D

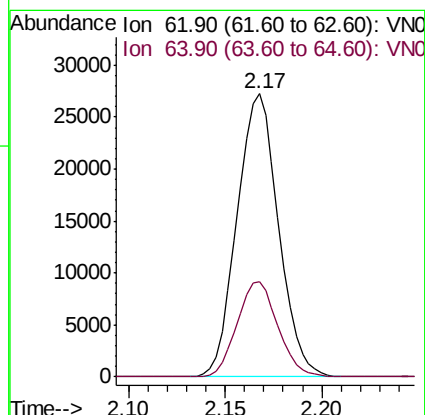
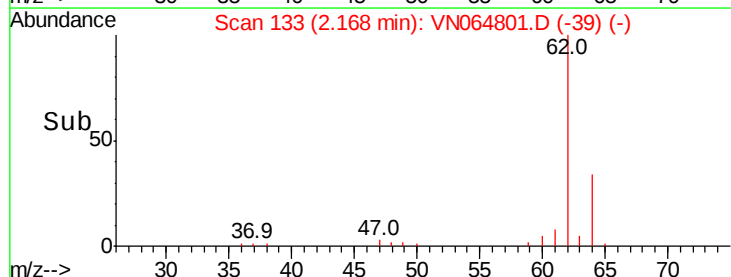
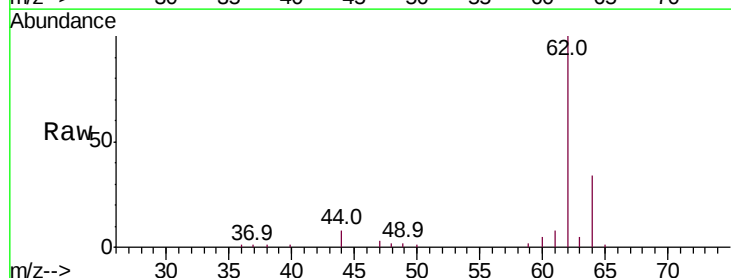
Acq: 24 Nov 2020 11:25

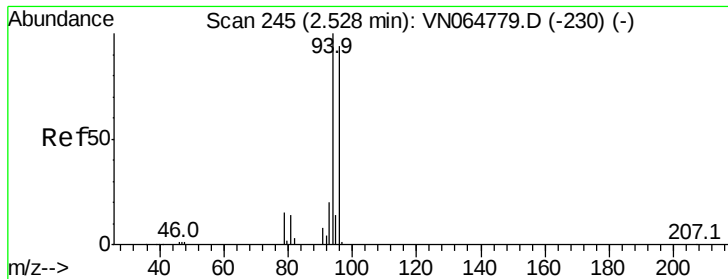
Tgt Ion: 62 Resp: 40618

Ion Ratio Lower Upper

62 100

64 33.8 26.5 39.7





#5

Bromomethane

Concen: 18.769 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

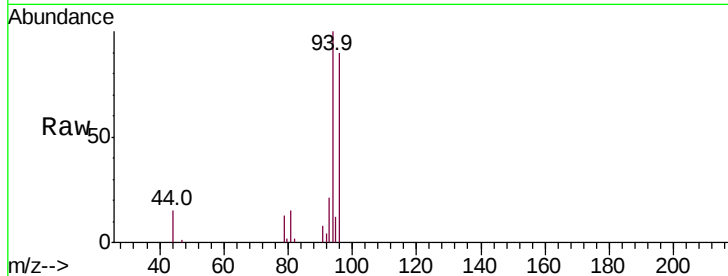
VN1124WBS01

Tot Ion: 94 Resp: 29310

Ion Ratio Lower Upper

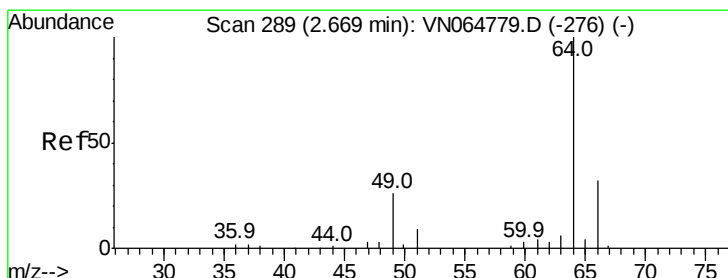
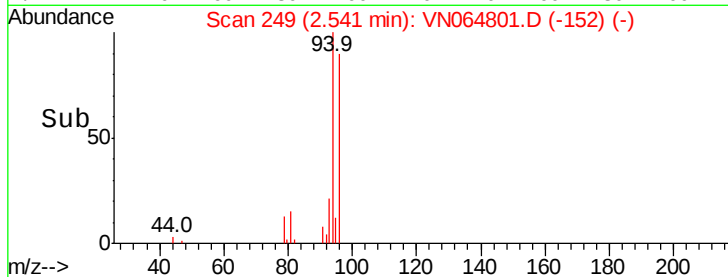
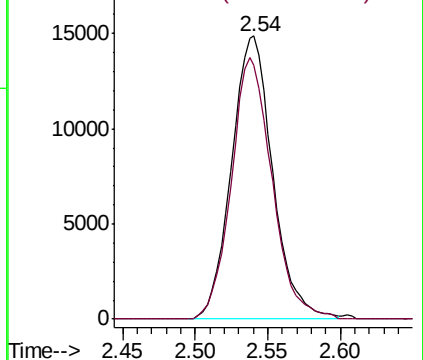
94 100

96 89.8 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN064801.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN064801.D (-152) (-)



#6

Chloroethane

Concen: 18.193 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064801.D

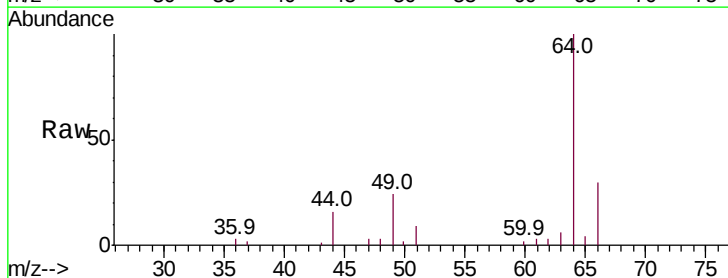
Acq: 24 Nov 2020 11:25

Tgt Ion: 64 Resp: 26783

Ion Ratio Lower Upper

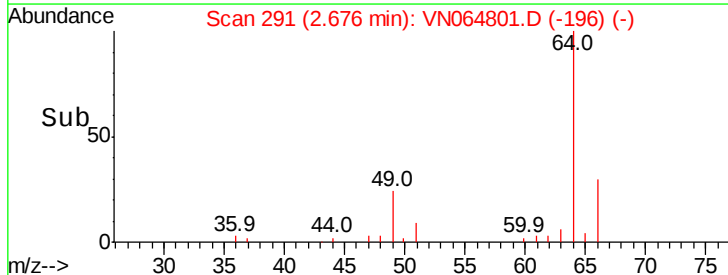
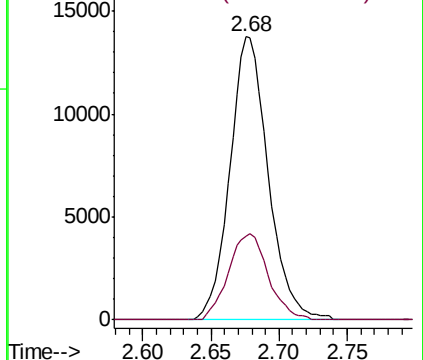
64 100

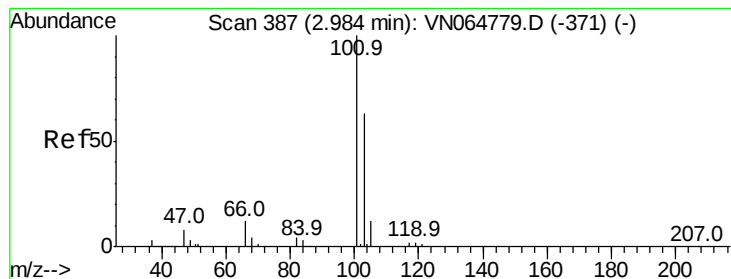
66 29.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN064801.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN064801.D (-196) (-)



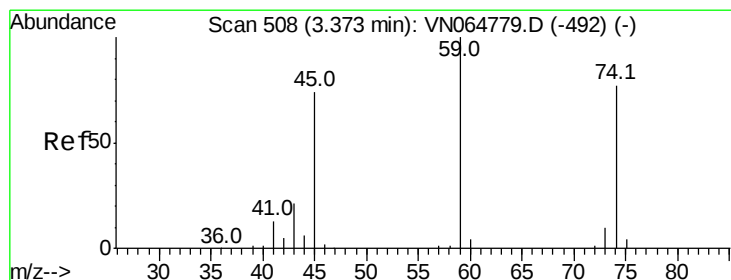
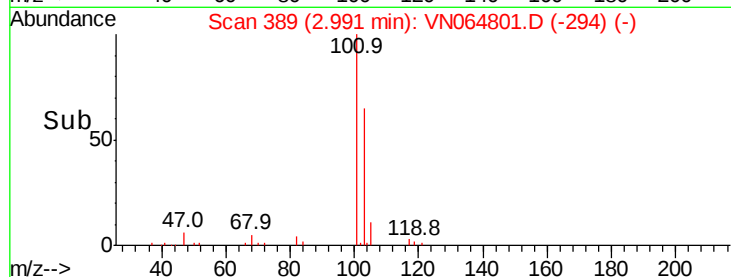
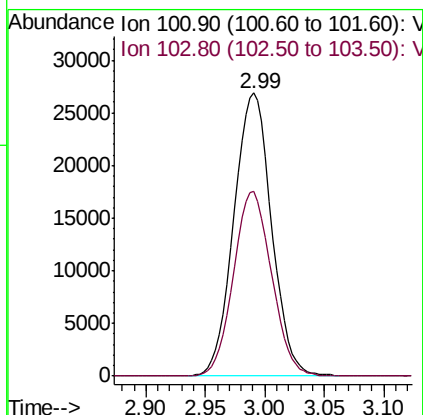
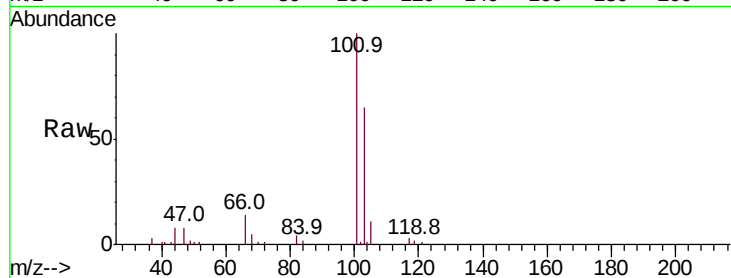


#7

Trichlorofluoromethane
 Concen: 17.959 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

Instrument :
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 VN1124WBS01

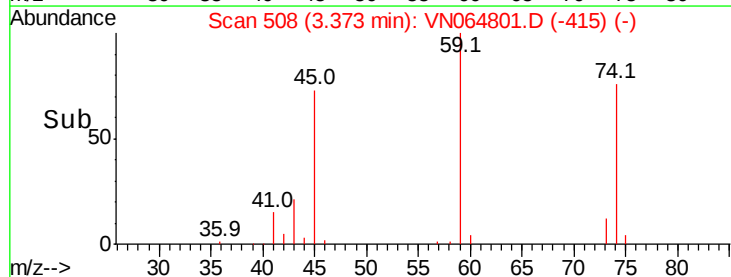
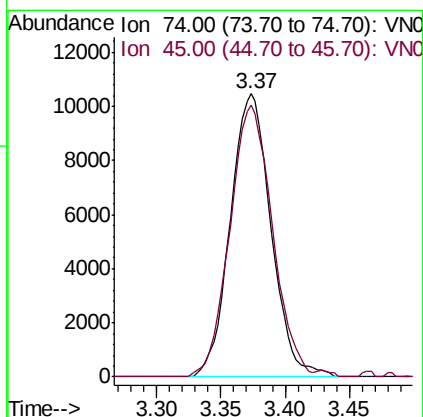
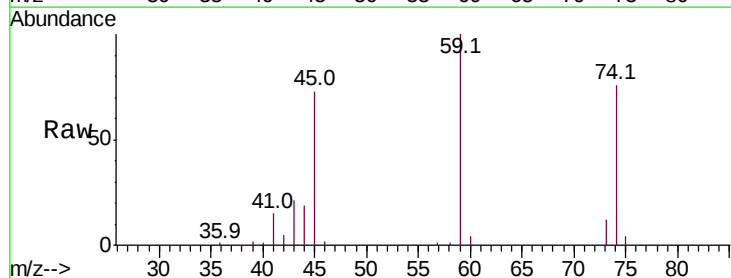
Tot Ion:101 Resp: 59088
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.5 75.7

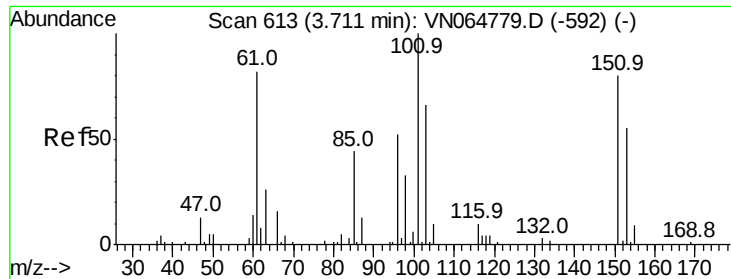


#8

Diethyl Ether
 Concen: 17.686 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

Tgt Ion: 74 Resp: 22970
 Ion Ratio Lower Upper
 74 100
 45 100.2 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.839 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS01

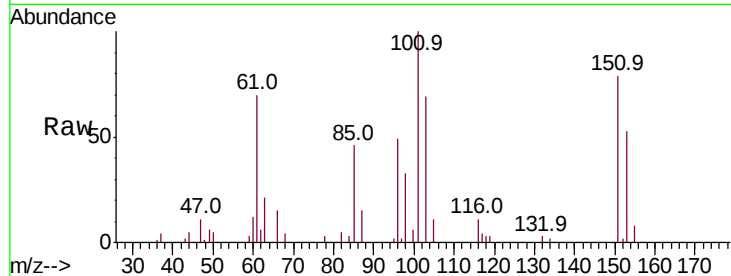
Tot Ion:101 Resp: 37184

Ion Ratio Lower Upper

101 100

85 44.6 34.4 51.6

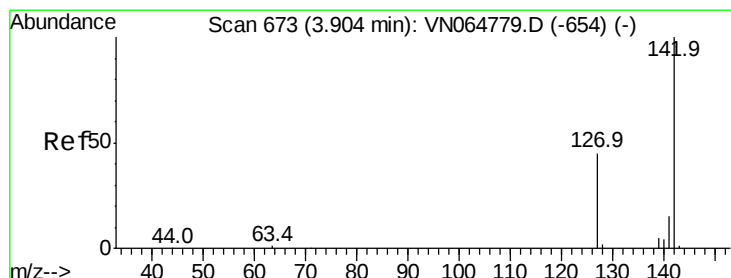
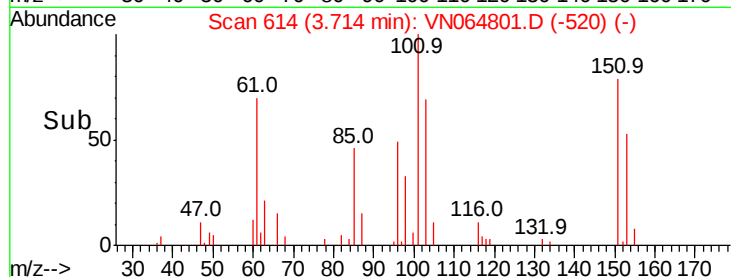
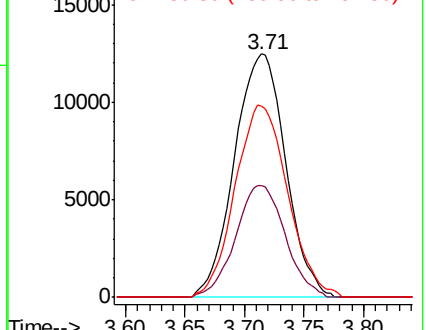
151 81.1 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.249 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

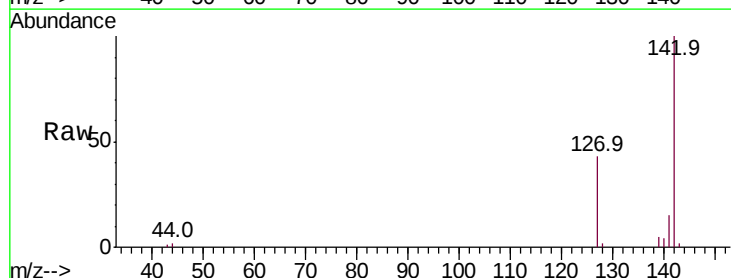
Tgt Ion:142 Resp: 44159

Ion Ratio Lower Upper

142 100

127 43.3 35.0 52.6

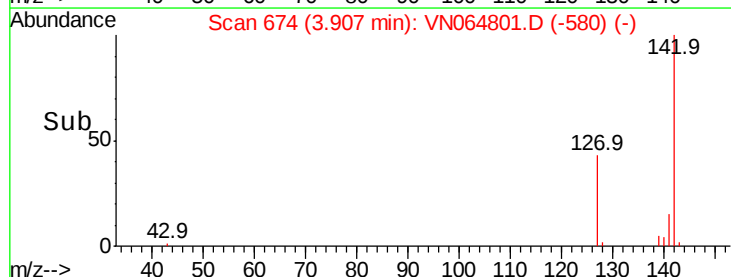
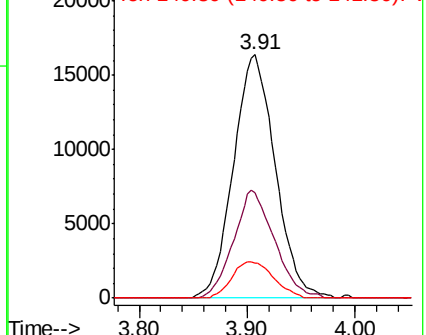
141 14.8 11.8 17.6

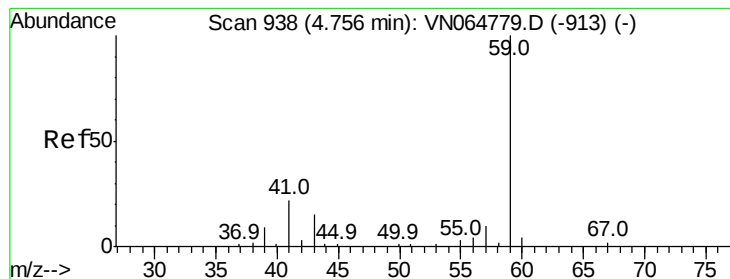


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



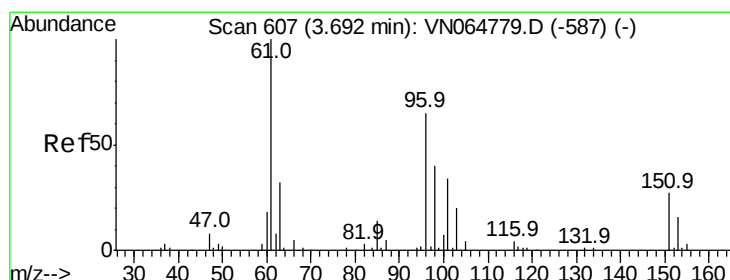
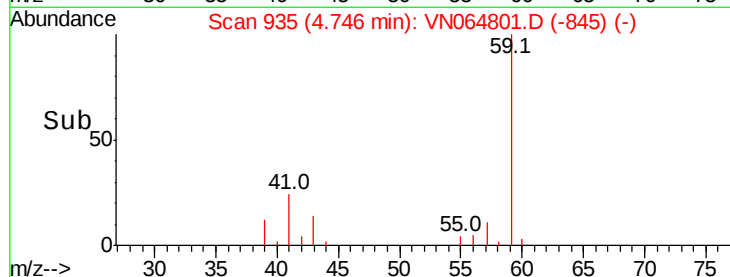
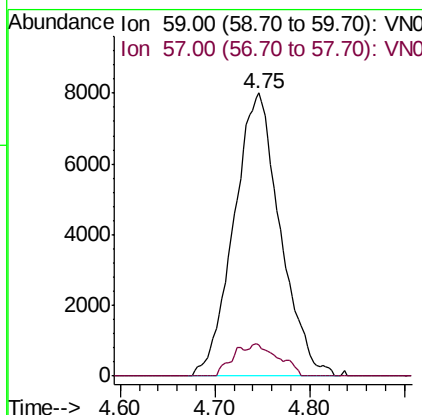
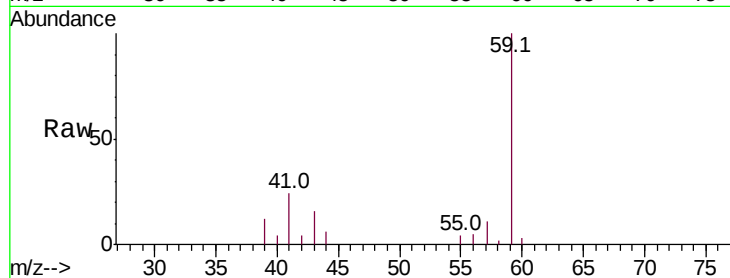


#11

Tert butyl alcohol
 Concen: 74.090 ug/l
 RT: 4.75 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS01

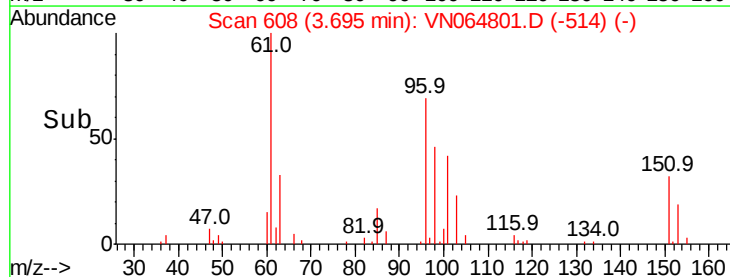
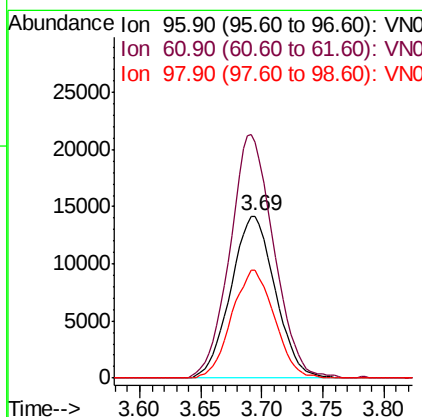
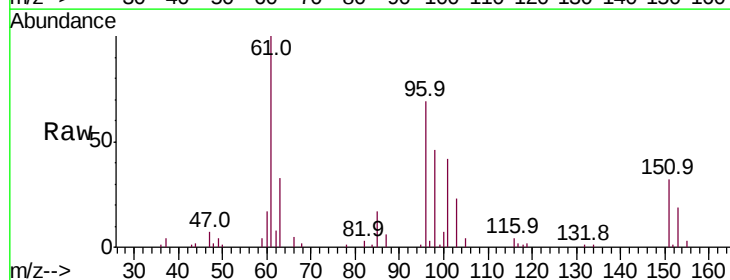
Tot Ion: 59 Resp: 27230
 Ion Ratio Lower Upper
 59 100
 57 3.8 7.9 11.9#

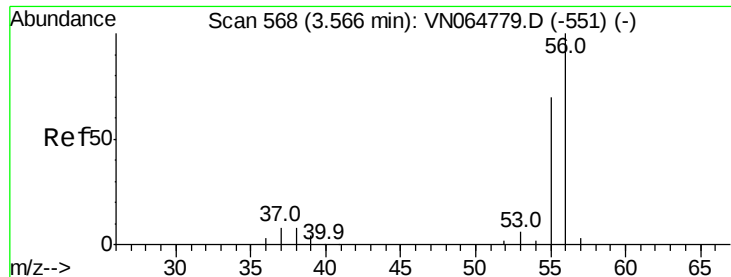


#12

1,1-Dichloroethene
 Concen: 18.175 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

Tgt Ion: 96 Resp: 35727
 Ion Ratio Lower Upper
 96 100
 61 145.6 123.4 185.2
 98 66.6 49.8 74.8





#13

Acrolein

Concen: 85.767 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

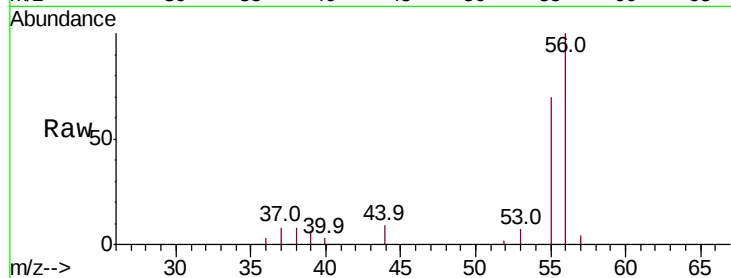
VN1124WBS01

Tot Ion: 56 Resp: 19254

Ion Ratio Lower Upper

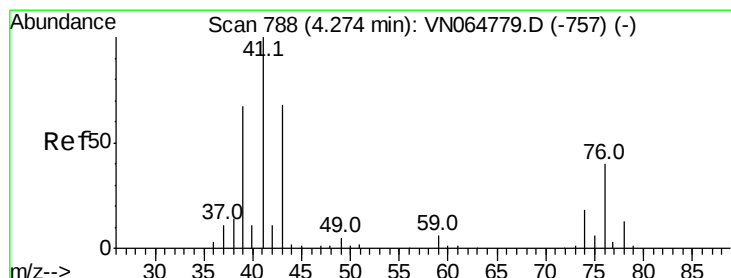
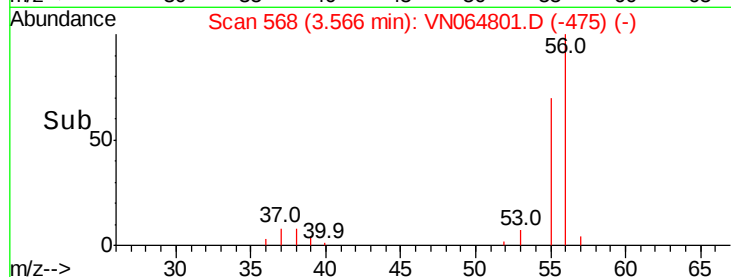
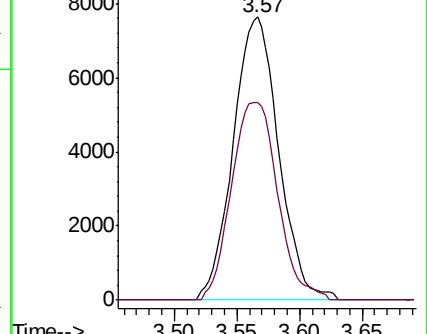
56 100

55 71.1 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.838 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

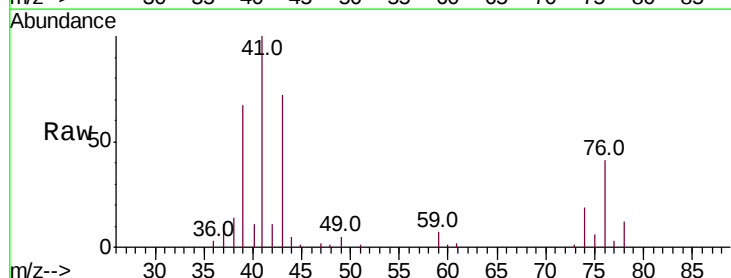
Tgt Ion: 41 Resp: 54592

Ion Ratio Lower Upper

41 100

39 64.2 50.9 76.3

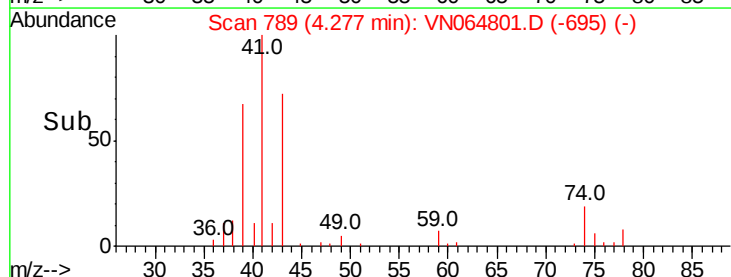
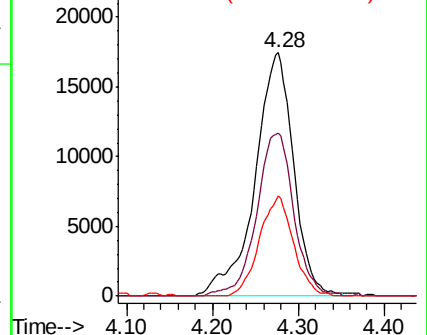
76 36.2 29.0 43.4

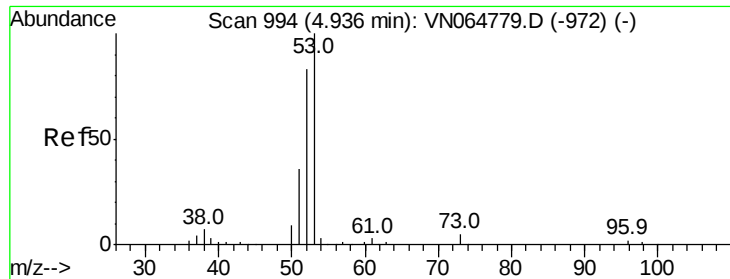


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 84.801 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS01

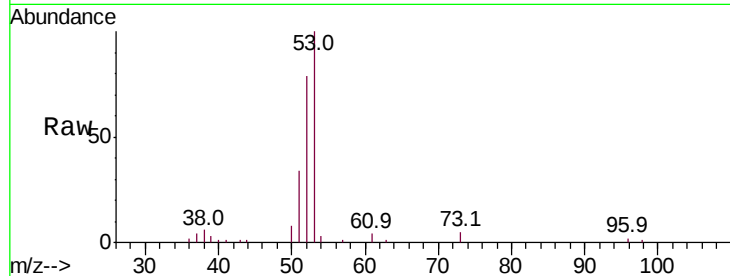
Tot Ion: 53 Resp: 86099

Ion Ratio Lower Upper

53 100

52 80.6 65.5 98.3

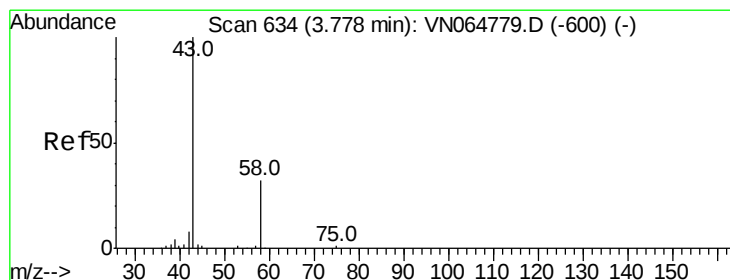
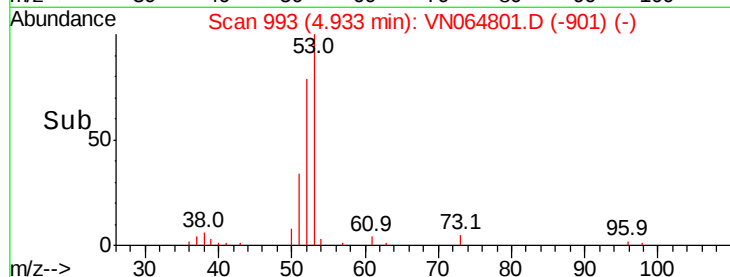
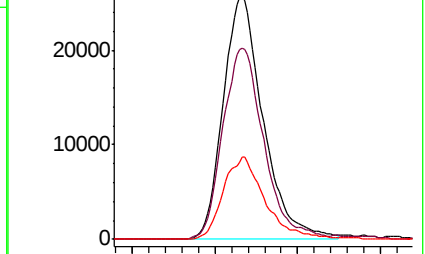
51 35.3 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064801.D (-993) (-)

Ion 52.00 (51.70 to 52.70): VN064801.D (-993) (-)

Ion 51.00 (50.70 to 51.70): VN064801.D (-993) (-)



#16

Acetone

Concen: 80.885 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064801.D

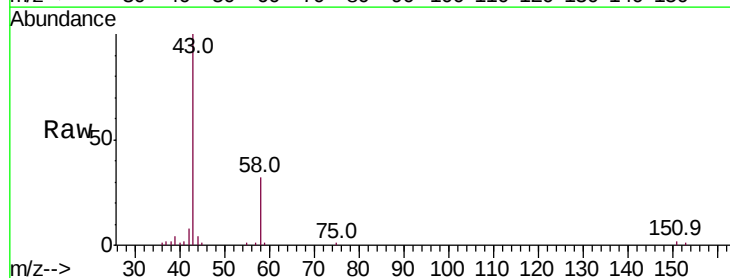
Acq: 24 Nov 2020 11:25

Tgt Ion: 43 Resp: 62662

Ion Ratio Lower Upper

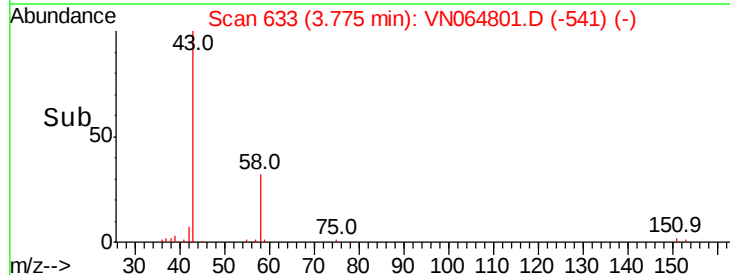
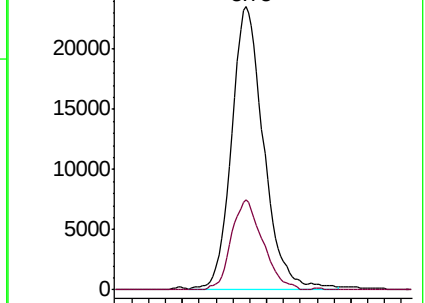
43 100

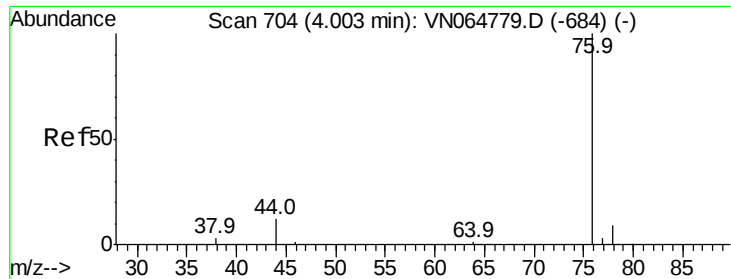
58 31.7 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064801.D (-633) (-)

Ion 58.00 (57.70 to 58.70): VN064801.D (-633) (-)

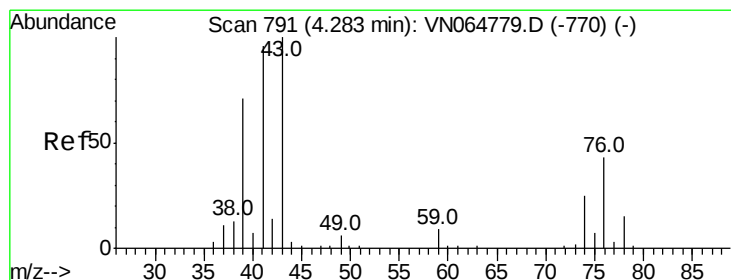
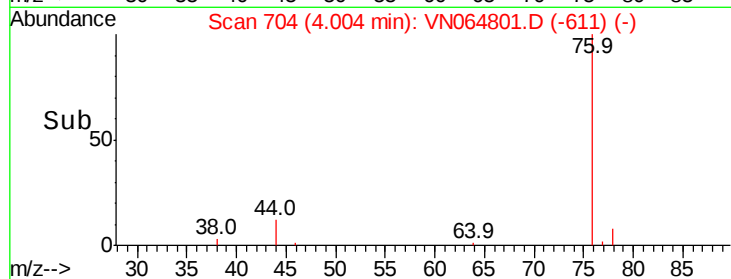
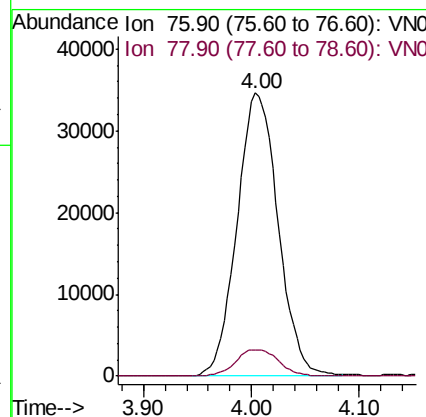
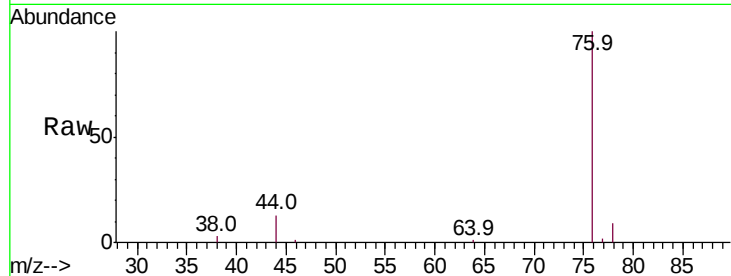




#17
Carbon Disulfide
Concen: 18.097 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

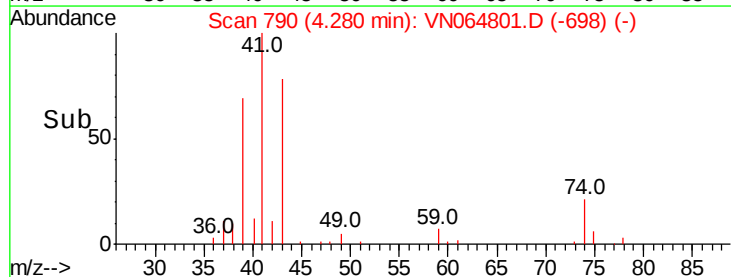
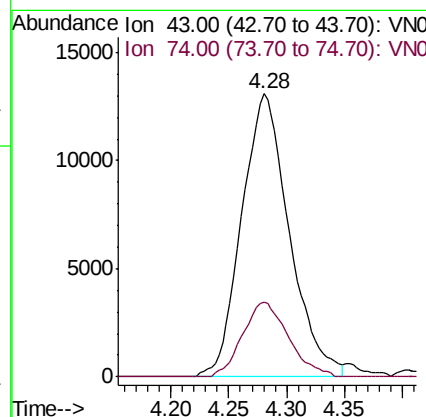
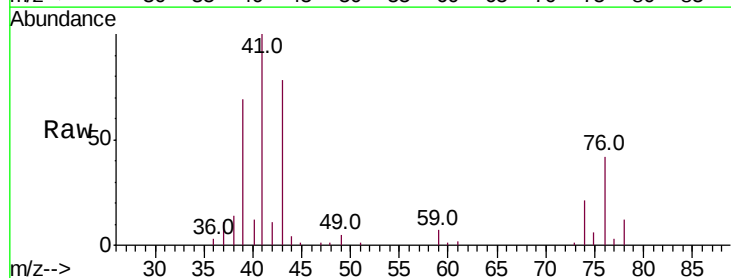
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS01

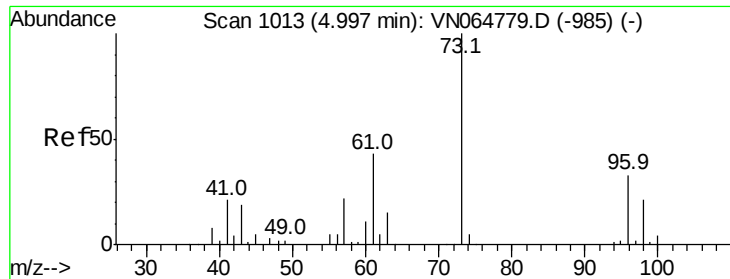
Tot Ion: 76 Resp: 91835
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 16.055 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Tgt Ion: 43 Resp: 37396
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.2

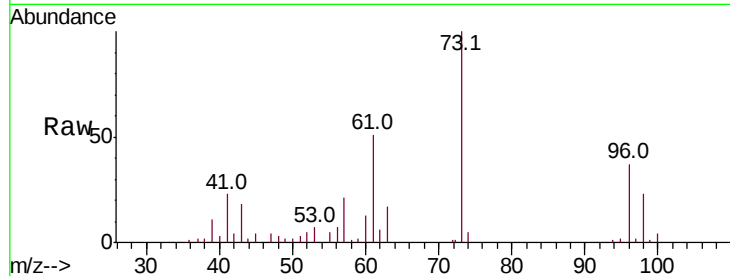




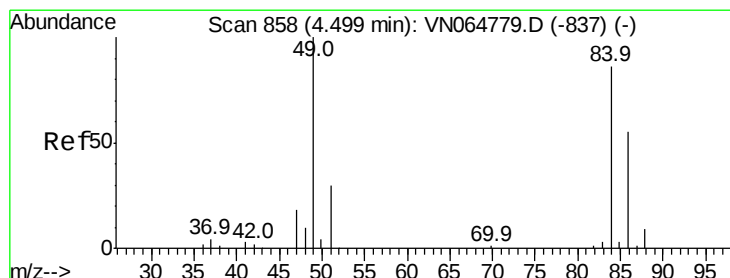
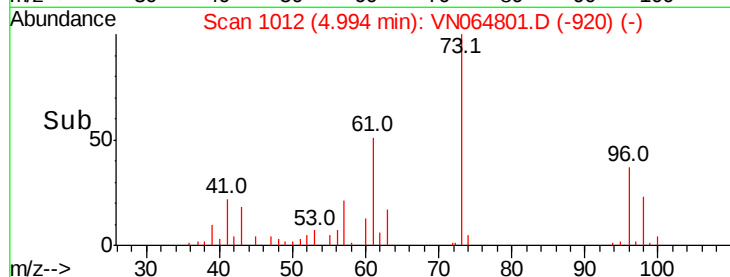
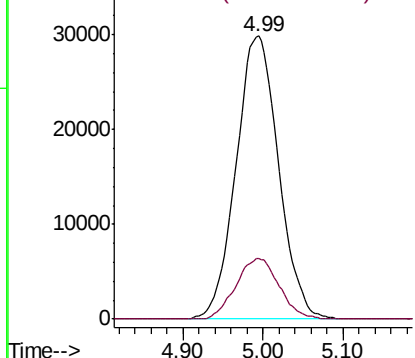
#19
Methvl tert-butvl Ether
Concen: 17.120 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS01

Tot Ion: 73 Resp: 107932
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0

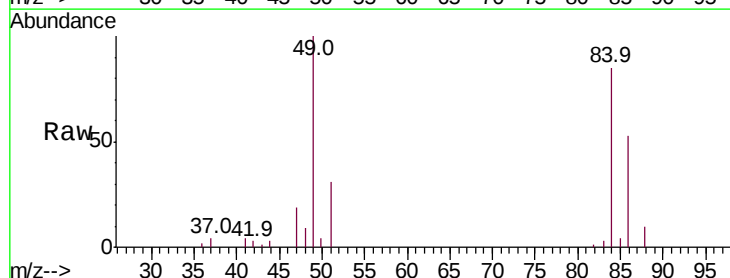


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

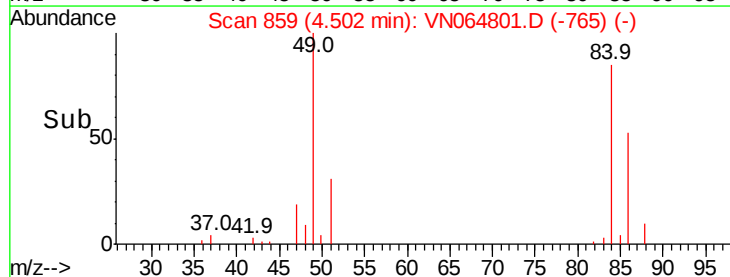
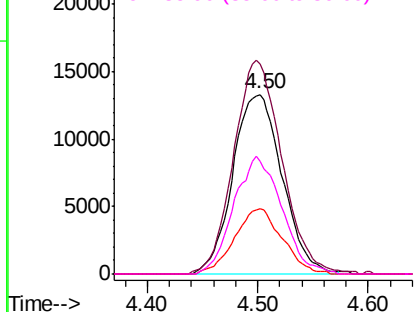


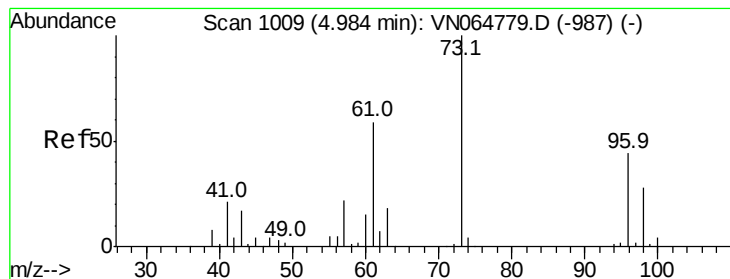
#20
Methylene Chloride
Concen: 17.002 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Tgt Ion: 84 Resp: 41274
Ion Ratio Lower Upper
84 100
49 117.4 93.4 140.0
51 36.5 28.2 42.4
86 62.6 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 17.355 ug/l

RT: 4.98 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampled :

VN1124WBS01

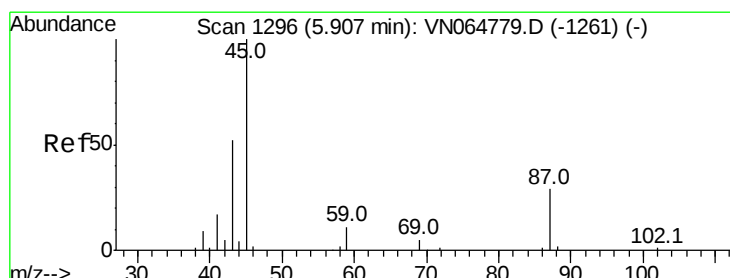
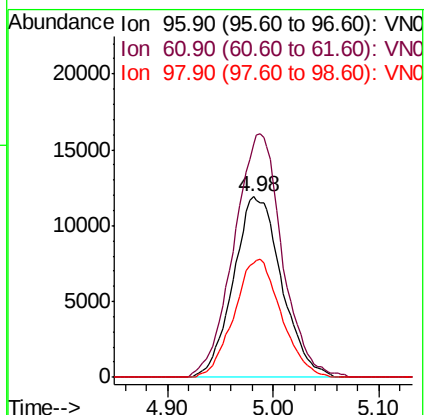
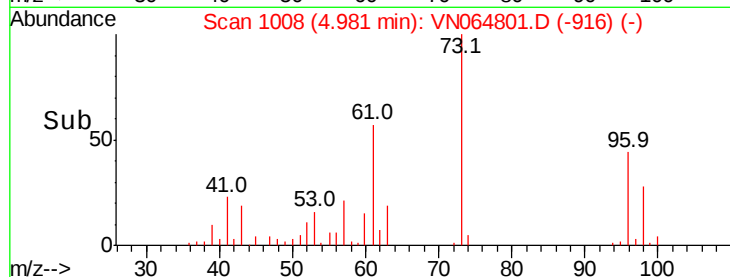
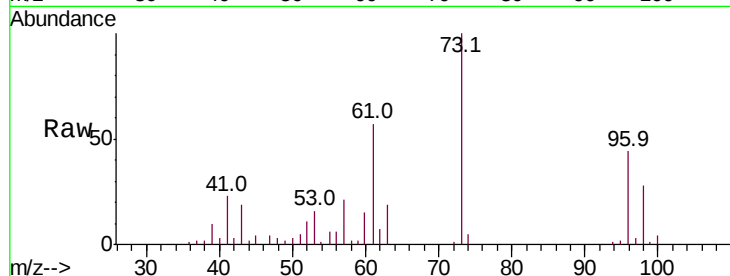
Tot Ion: 96 Resp: 37884

Ion Ratio Lower Upper

96 100

61 129.3 108.4 162.6

98 63.1 51.3 76.9



#22

Diisopropyl ether

Concen: 18.117 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Tgt Ion: 45 Resp: 117570

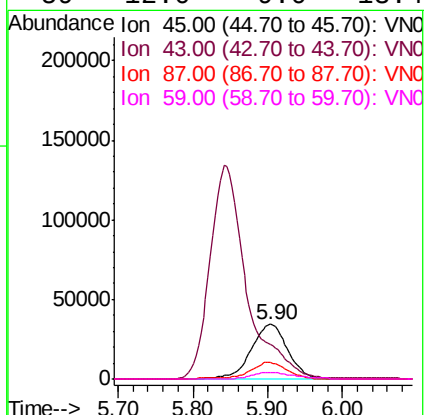
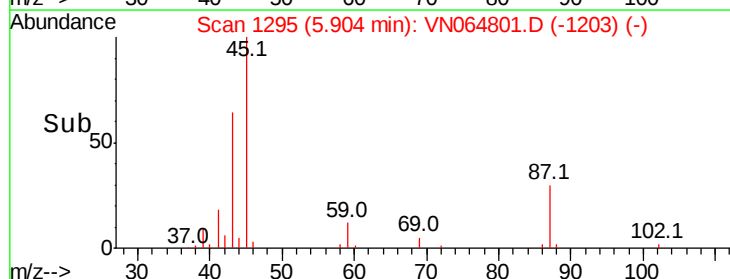
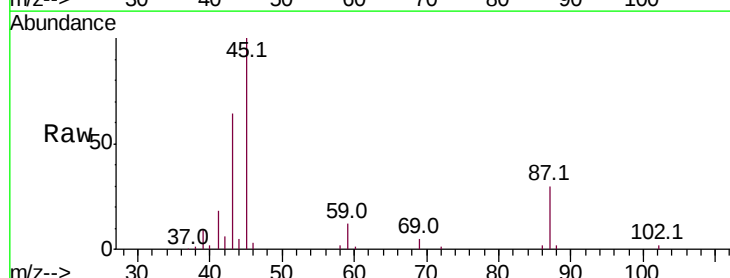
Ion Ratio Lower Upper

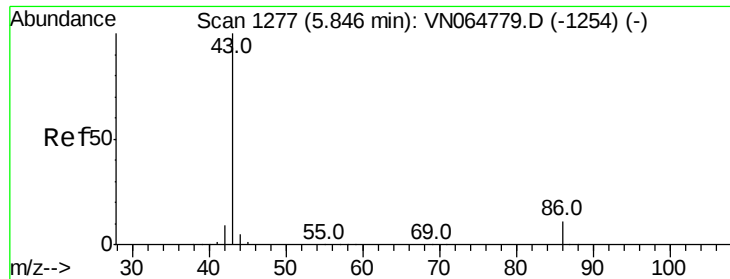
45 100

43 61.5 46.2 69.2

87 29.8 24.1 36.1

59 12.0 9.0 13.4





#23

Vinyl Acetate

Concen: 88.107 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

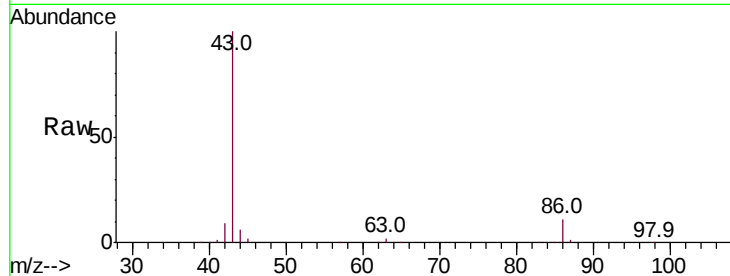
VN1124WBS01

Tot Ion: 43 Resp: 457218

Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN064779.D (-1254) (-)

5.84

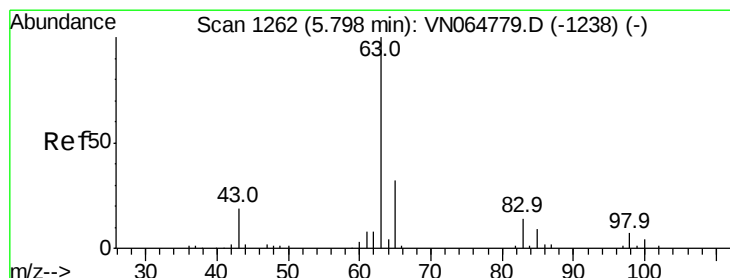
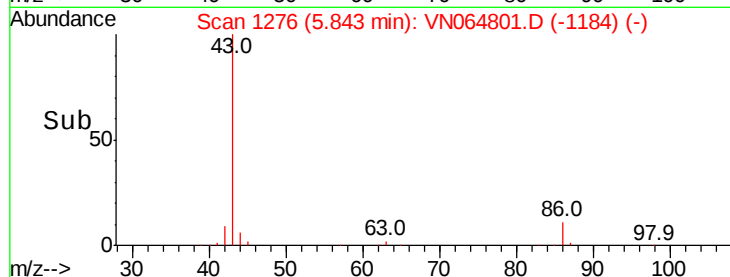
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.047 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

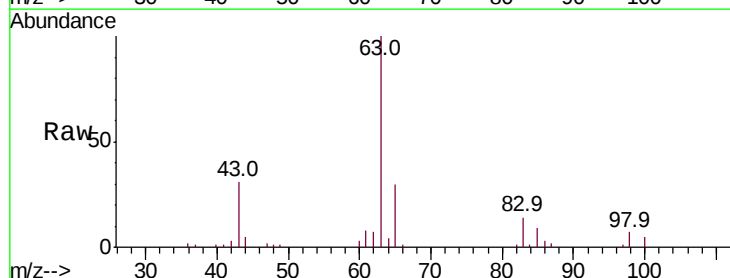
Tgt Ion: 63 Resp: 69990

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.9 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064779.D (-1238) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1238) (-)

Ion 99.90 (99.60 to 100.60): VN064779.D (-1238) (-)

5.80

25000

20000

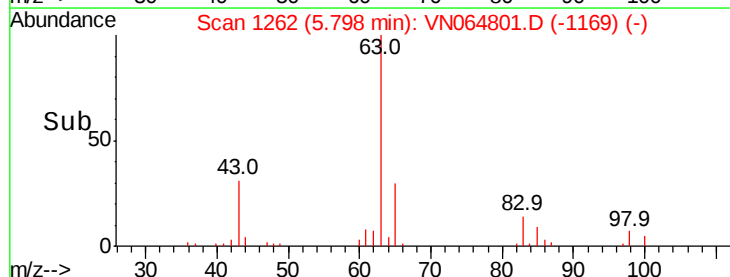
15000

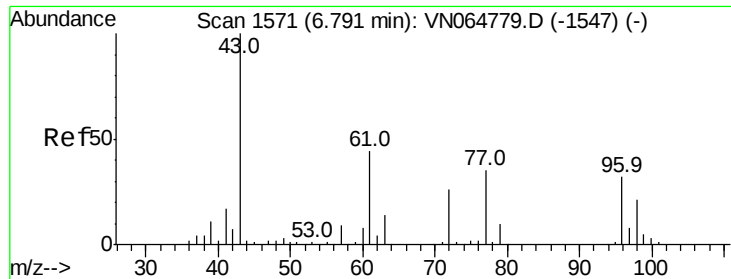
10000

5000

0

Time-->





#25

2-Butanone

Concen: 82.796 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

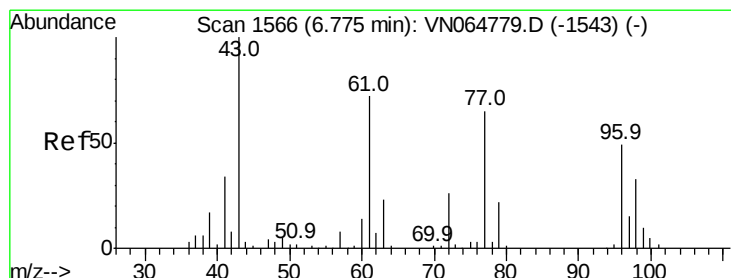
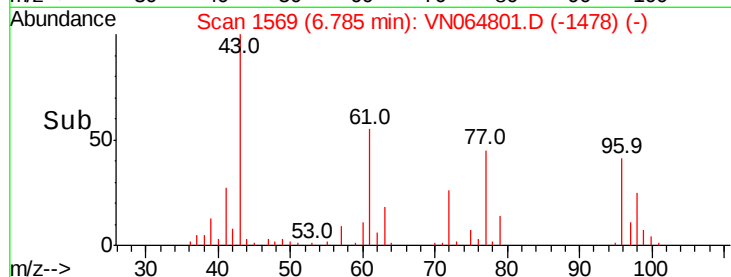
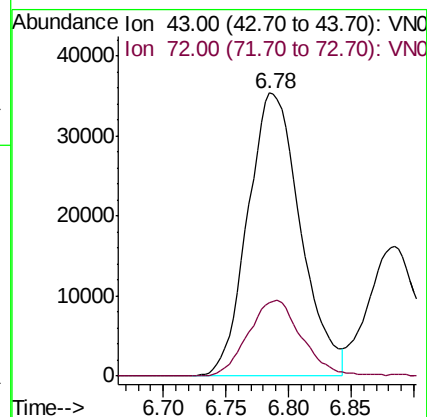
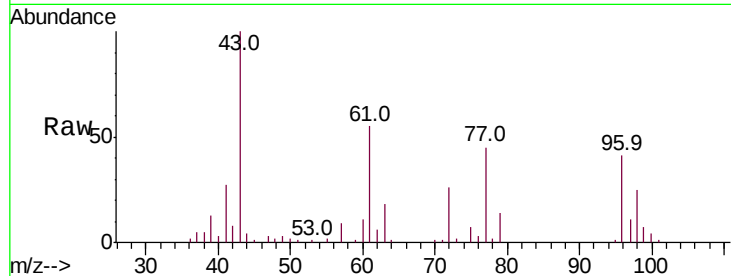
VN1124WBS01

Tot Ion: 43 Resp: 103978

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.397 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064801.D

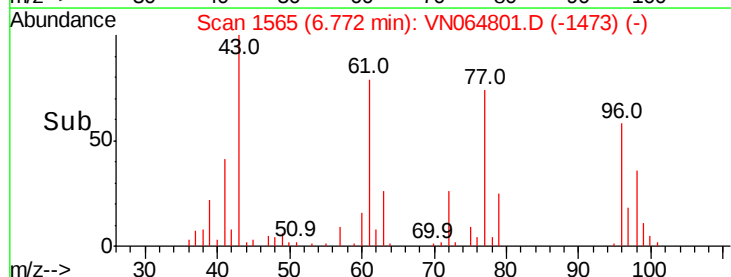
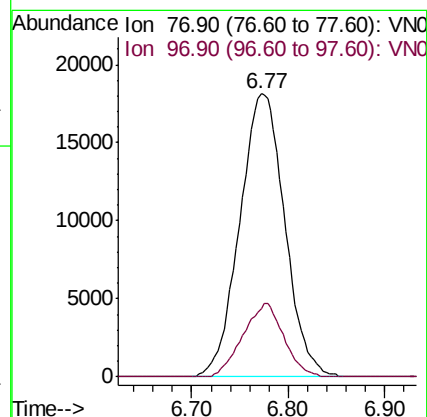
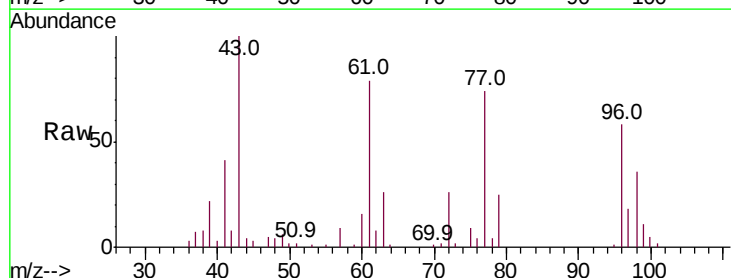
Acq: 24 Nov 2020 11:25

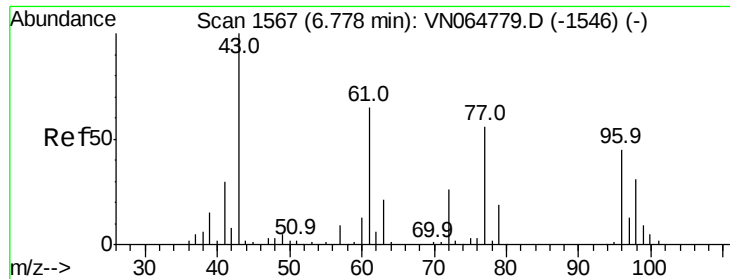
Tgt Ion: 77 Resp: 58516

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.989 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampled :

VN1124WBS01

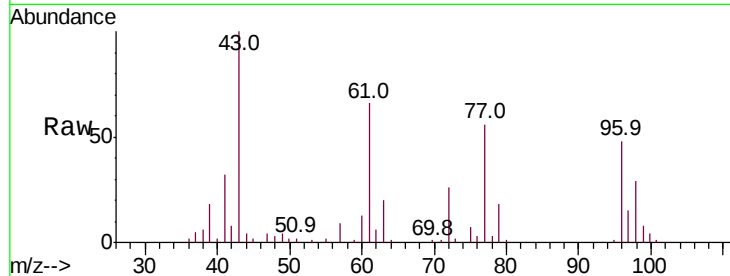
Tot Ion: 96 Resp: 44186

Ion Ratio Lower Upper

96 100

61 140.0 0.0 285.8

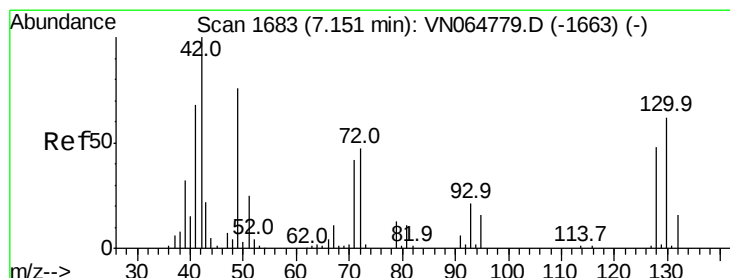
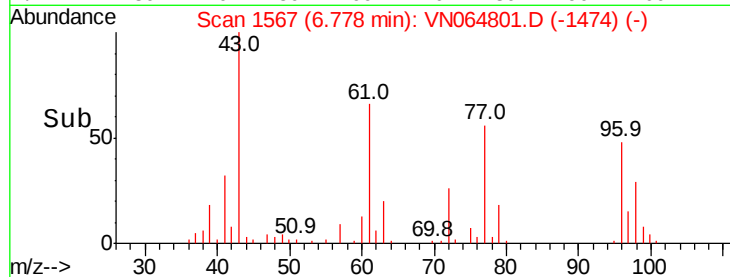
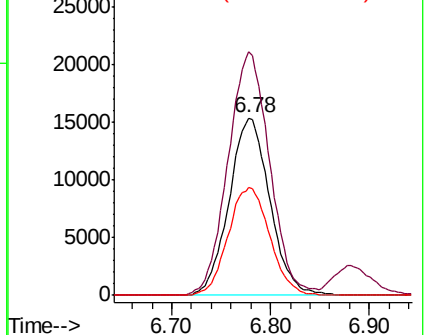
98 61.9 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064801.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064801.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064801.D (-1474) (-)



#28

Bromochloromethane

Concen: 18.300 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

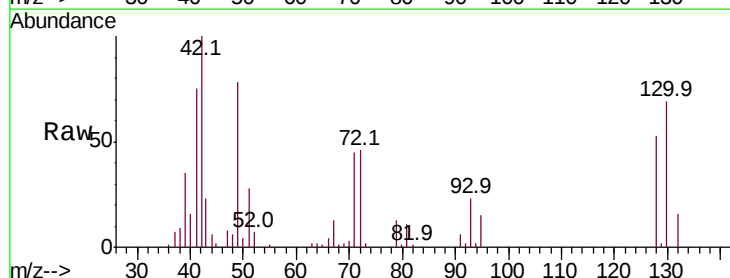
Tgt Ion: 49 Resp: 32468

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

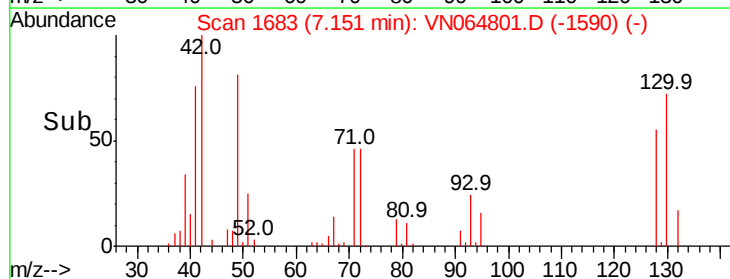
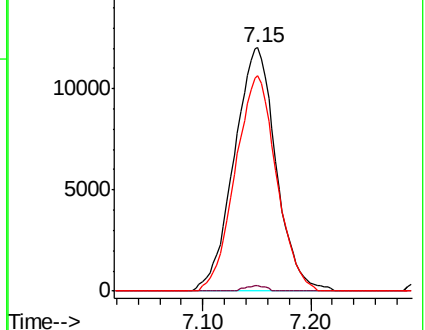
130 86.9 66.2 99.2

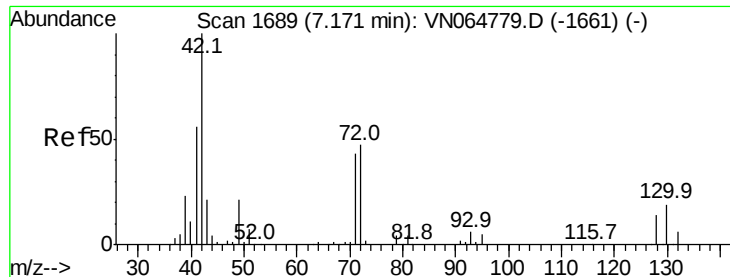


Abundance Ion 48.90 (48.60 to 49.60): VN064801.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064801.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064801.D (-1590) (-)

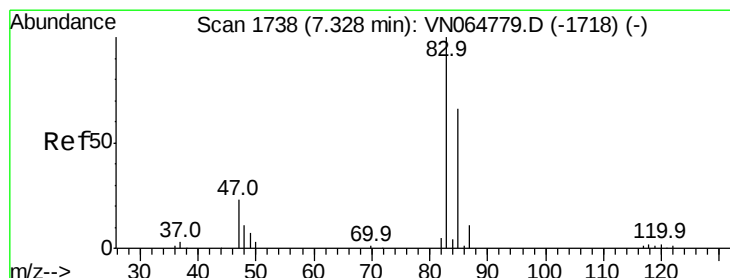
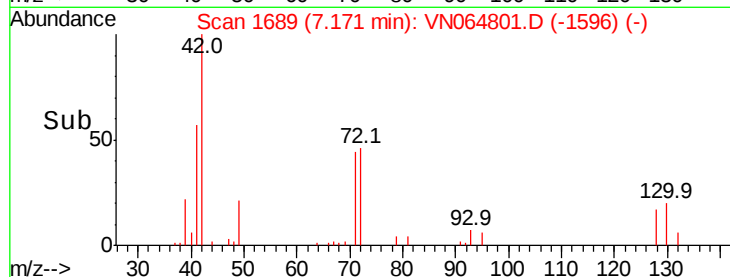
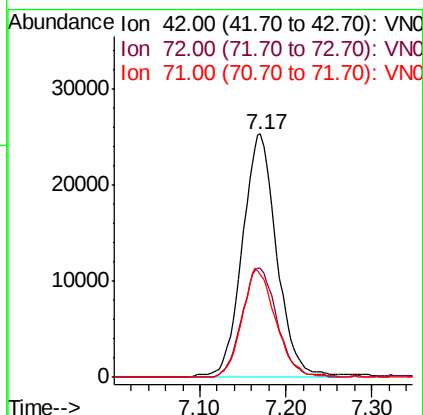
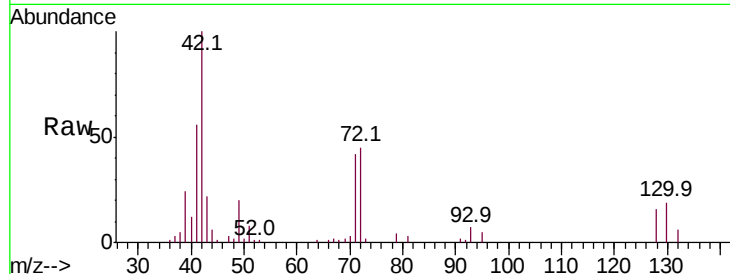




#29
Tetrahydrofuran
Concen: 81.185 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

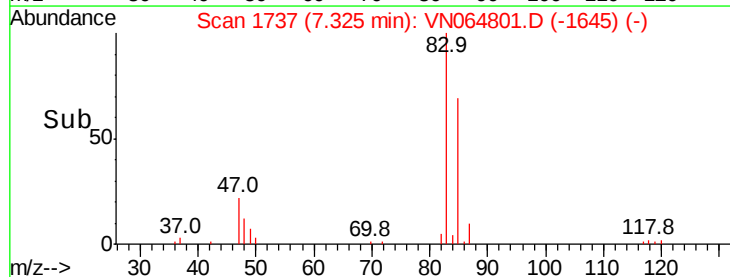
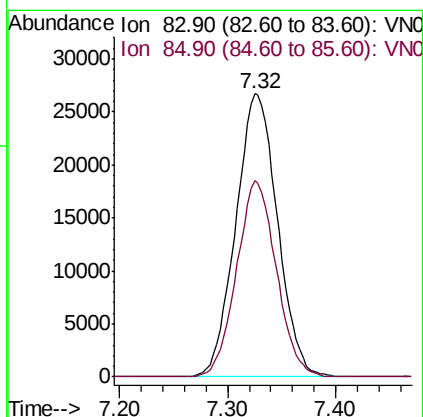
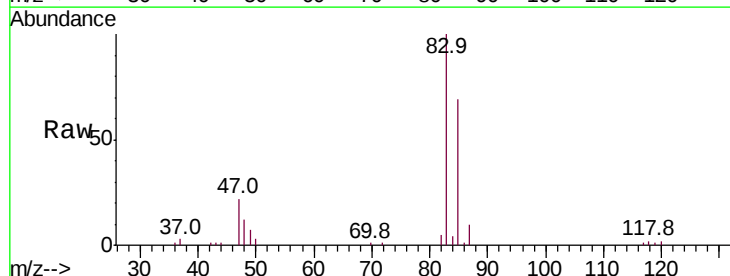
Instrument :
MSVOA_N
ClientSampled :
VN1124WBS01

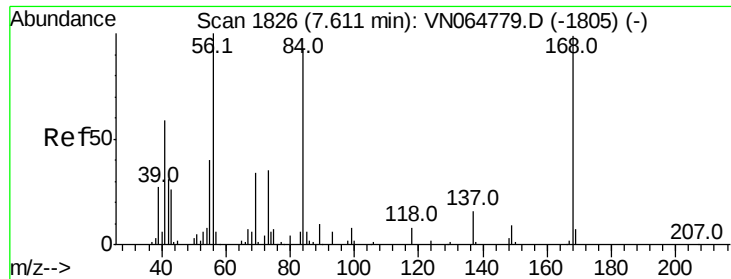
Tot Ion: 42 Resp: 70378
Ion Ratio Lower Upper
42 100
72 45.6 36.6 54.8
71 43.6 33.6 50.4



#30
Chloroform
Concen: 17.962 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Tgt Ion: 83 Resp: 71839
Ion Ratio Lower Upper
83 100
85 69.4 52.6 78.8

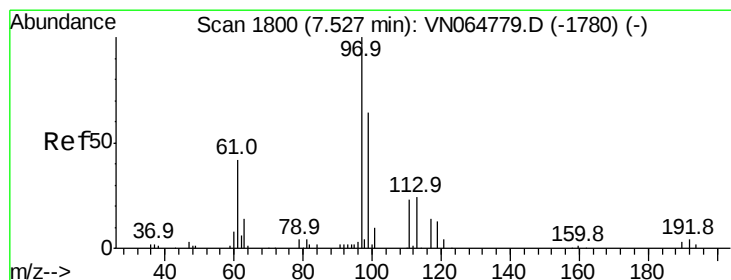
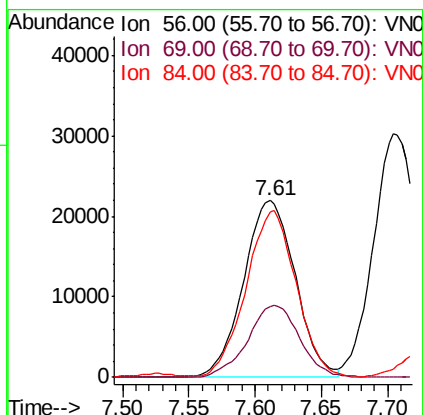
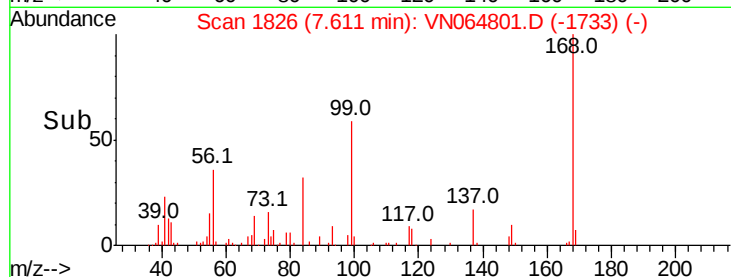
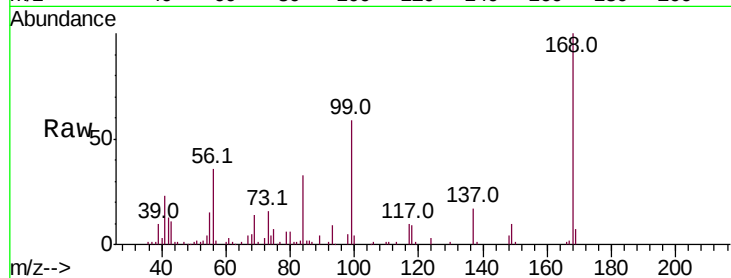




#31
Cyclohexane
Concen: 18.177 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

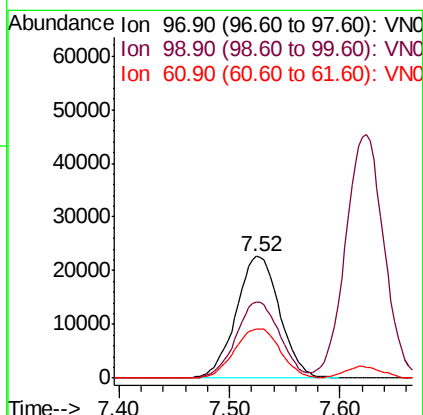
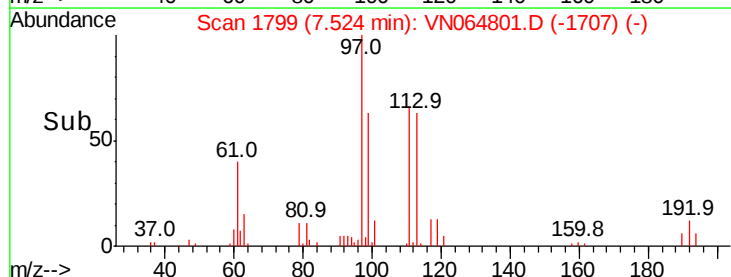
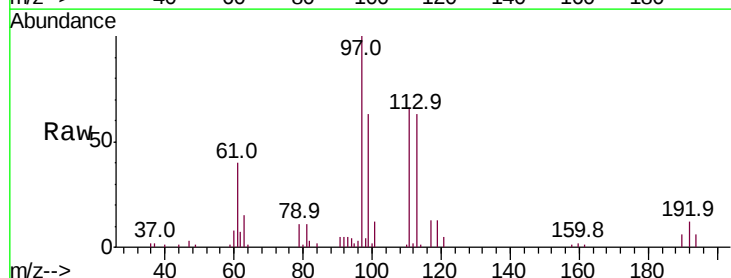
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS01

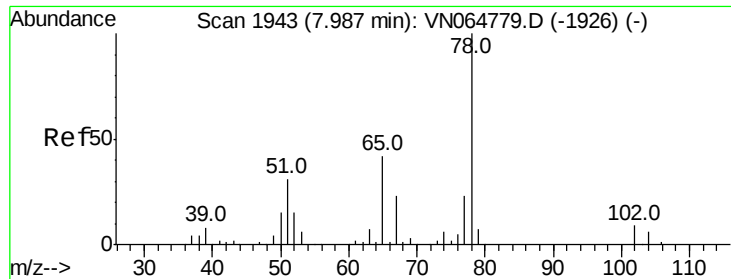
Tot Ion: 56 Resp: 59704
Ion Ratio Lower Upper
56 100
69 40.4 27.5 41.3
84 93.2 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 18.028 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Tgt Ion: 97 Resp: 61926
Ion Ratio Lower Upper
97 100
99 62.9 51.7 77.5
61 42.6 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 47.609 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

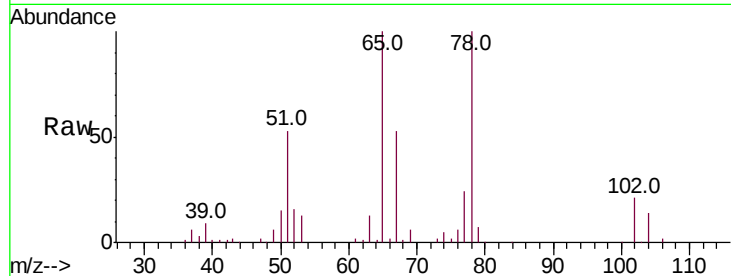
VN1124WBS01

Tot Ion: 65 Resp: 112199

Ion Ratio Lower Upper

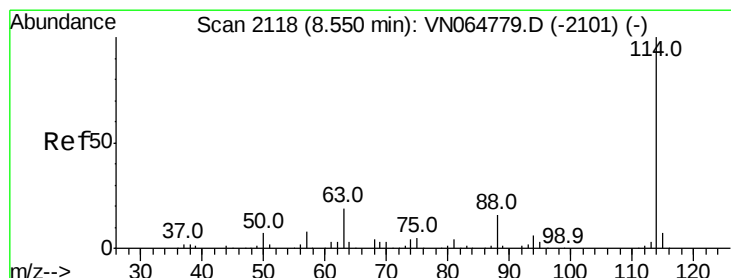
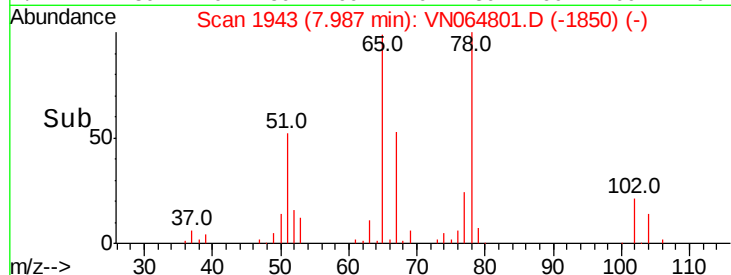
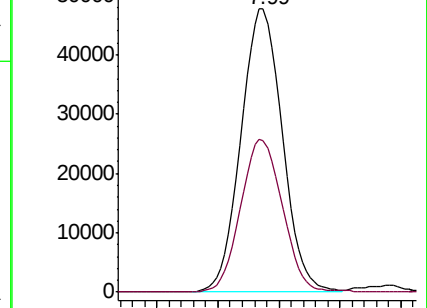
65 100

67 54.7 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064801.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064801.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

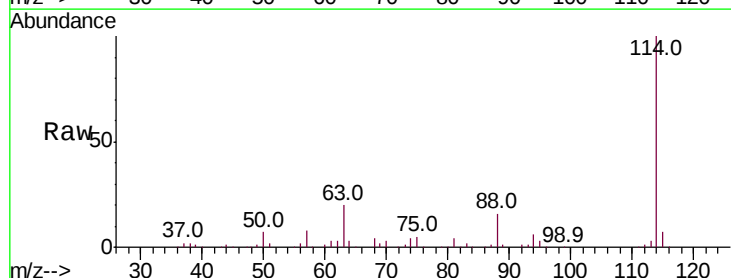
Tgt Ion: 114 Resp: 310485

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

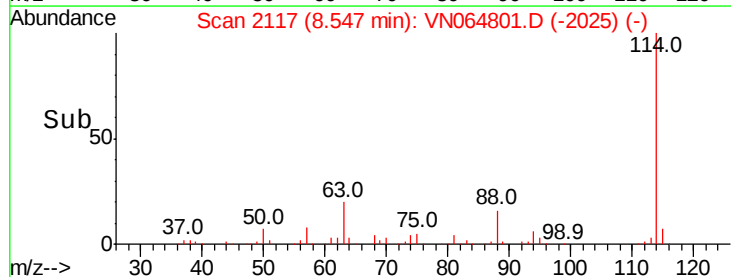
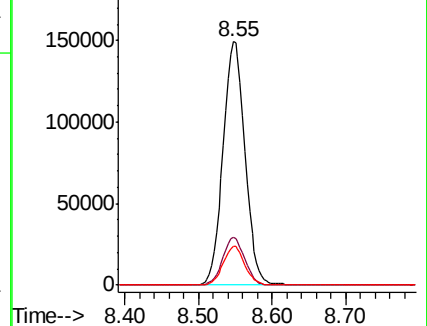
88 16.0 0.0 32.6

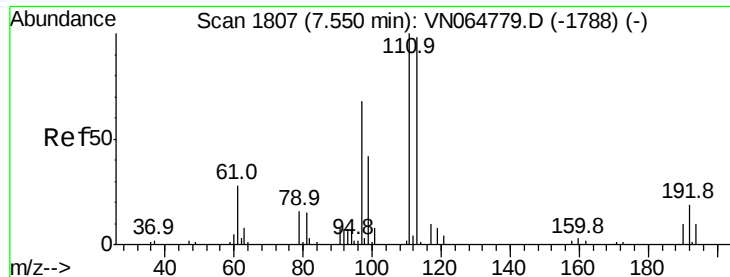


Abundance Ion 113.90 (113.60 to 114.60): VN064801.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064801.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064801.D (-2025) (-)

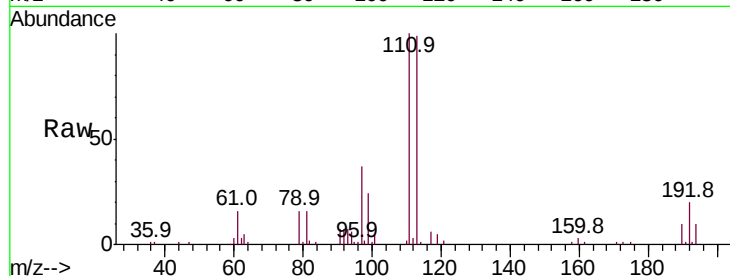




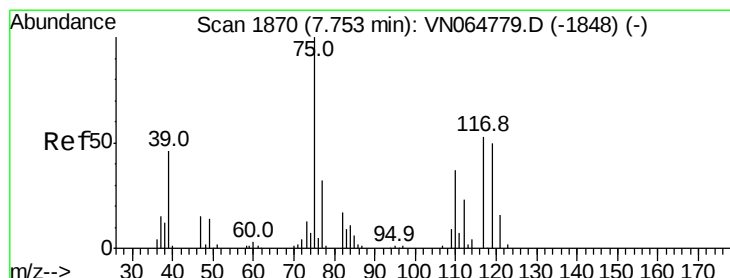
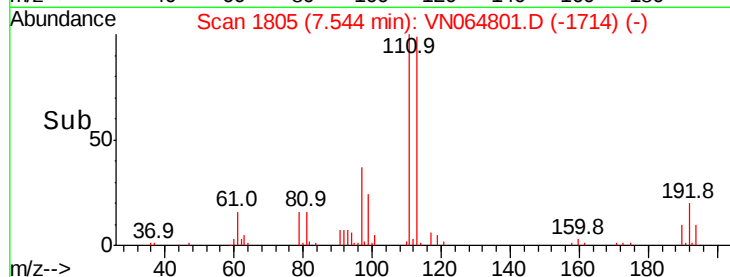
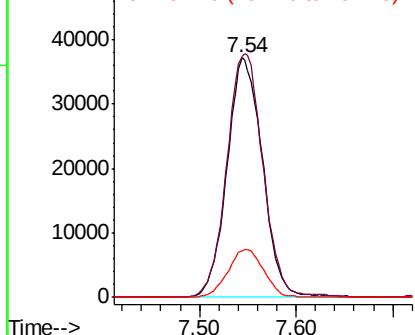
#35
 Dibromofluoromethane
 Concen: 50.905 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS01

Tot Ion:113 Resp: 94573
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.6 122.4
 192 20.2 16.2 24.2

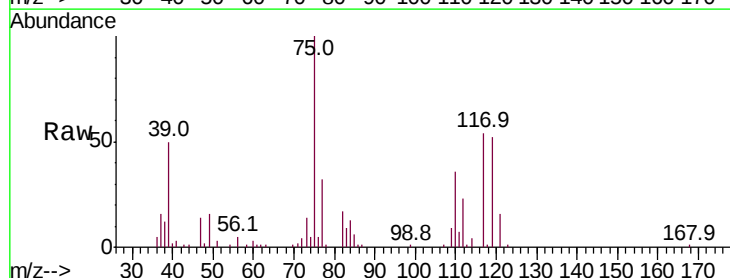


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

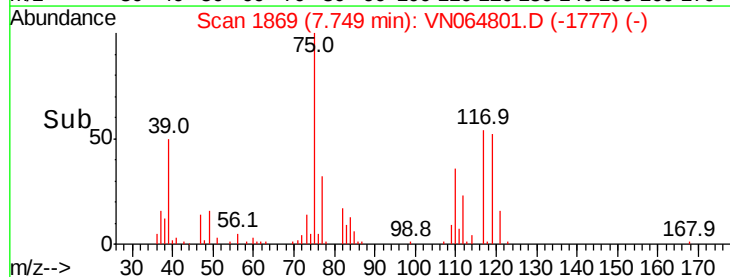
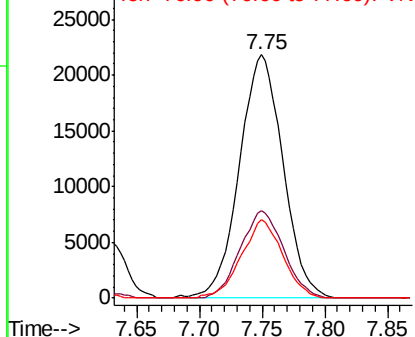


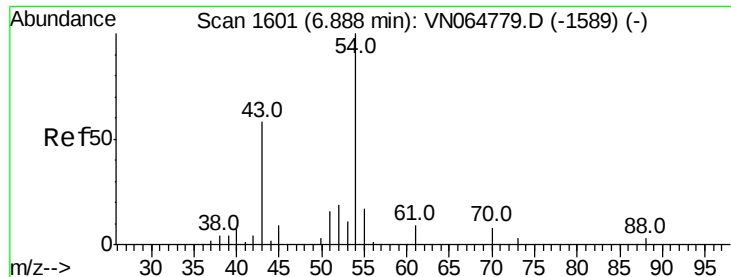
#36
 1,1-Dichloropropene
 Concen: 18.325 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

Tgt Ion: 75 Resp: 52738
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.8 53.3
 77 30.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 16.588 ug/l

RT: 6.88 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS01

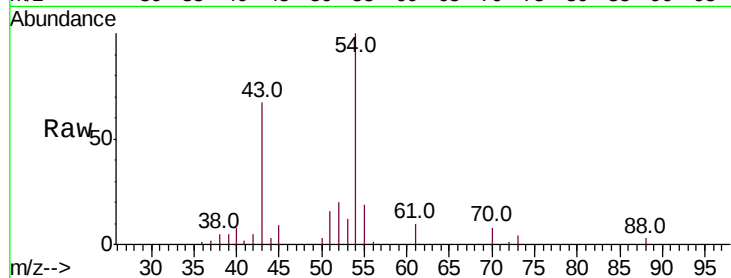
Tot Ion: 43 Resp: 45986

Ion Ratio Lower Upper

43 100

61 15.5 12.8 19.2

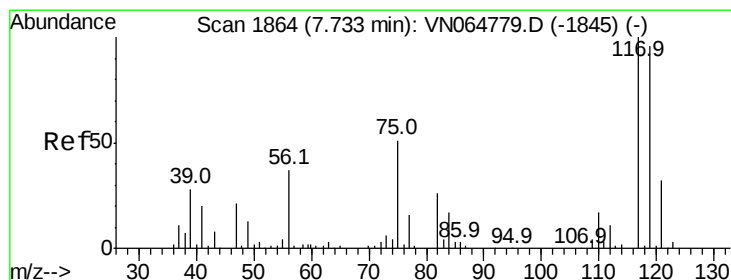
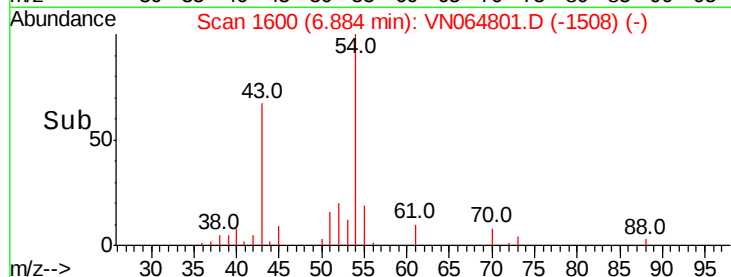
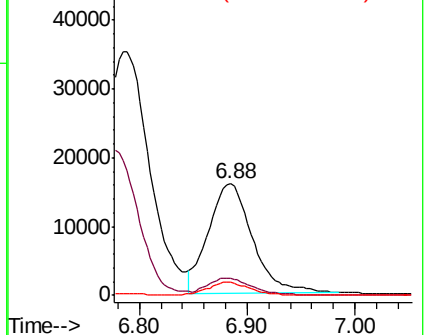
70 10.9 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1589) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1589) (-)

Ion 70.00 (69.70 to 70.70): VN064779.D (-1589) (-)



#38

Carbon Tetrachloride

Concen: 18.830 ug/l

RT: 7.73 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

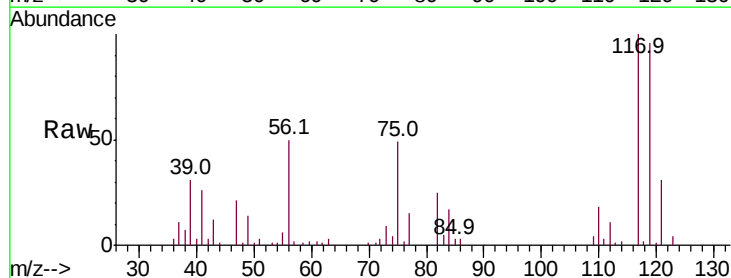
Tgt Ion: 117 Resp: 56386

Ion Ratio Lower Upper

117 100

119 96.0 76.7 115.1

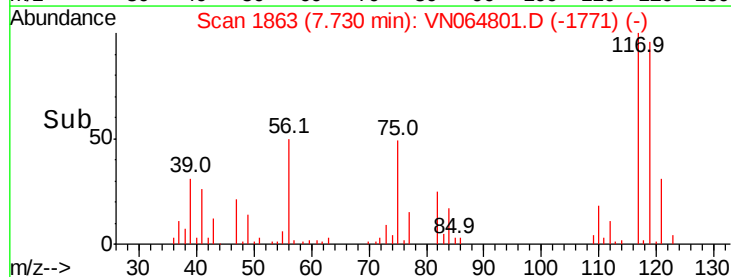
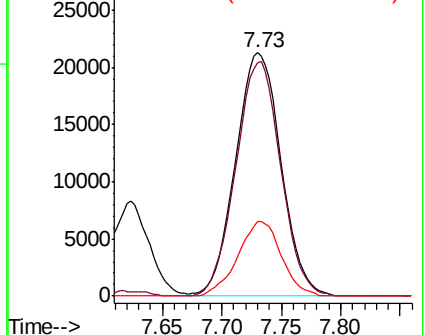
121 30.5 25.4 38.2

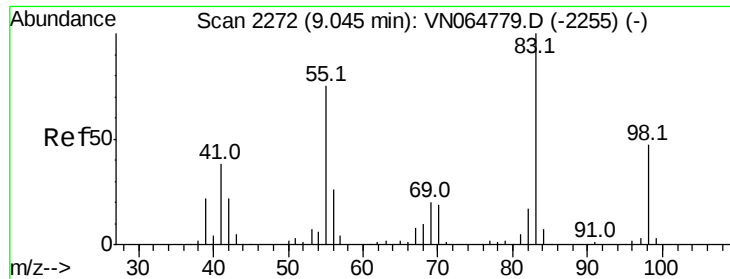


Abundance Ion 116.80 (116.50 to 117.50): VN064779.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN064779.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN064779.D (-1845) (-)

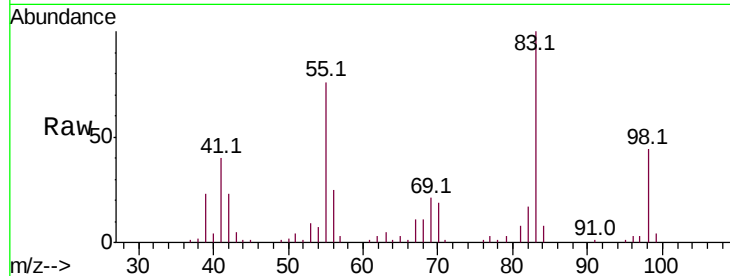




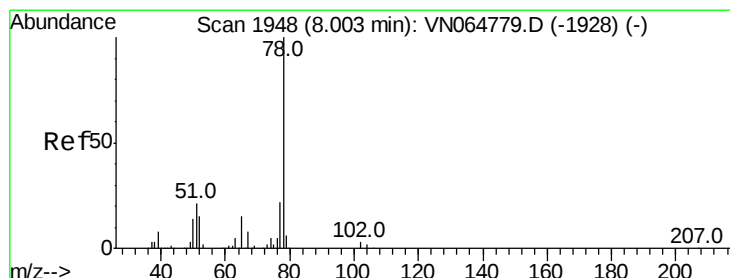
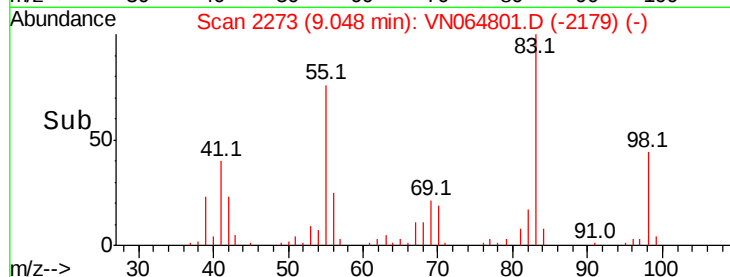
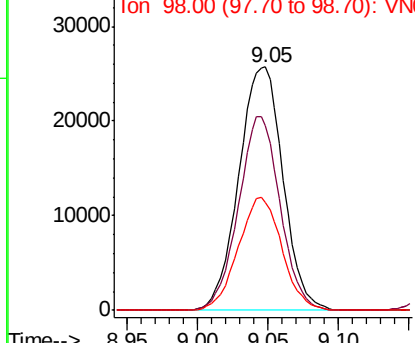
#39
Methvlcvclohexane
Concen: 18.165 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS01

Tot Ion: 83 Resp: 56275
Ion Ratio Lower Upper
83 100
55 75.7 60.2 90.2
98 44.3 37.4 56.2

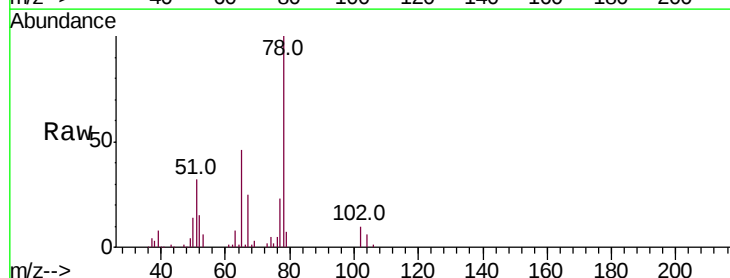


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

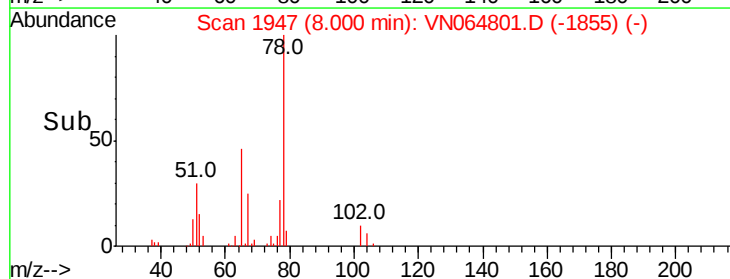
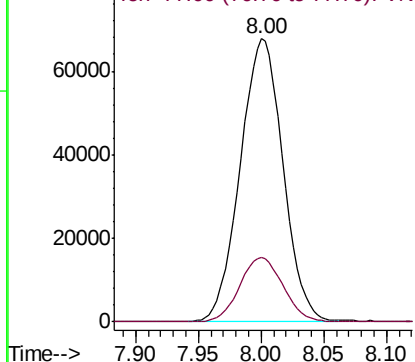


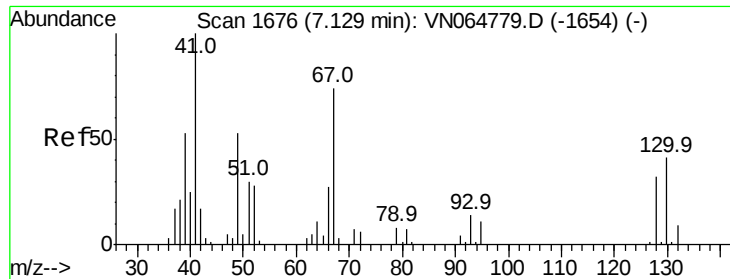
#40
Benzene
Concen: 18.257 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Tgt Ion: 78 Resp: 161008
Ion Ratio Lower Upper
78 100
77 22.8 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

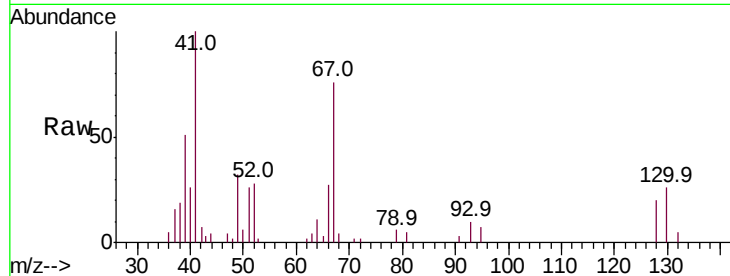




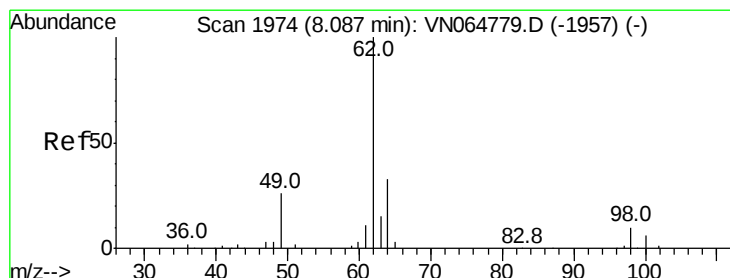
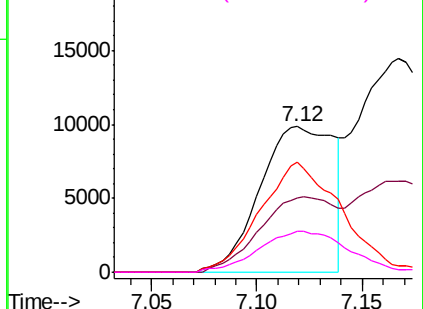
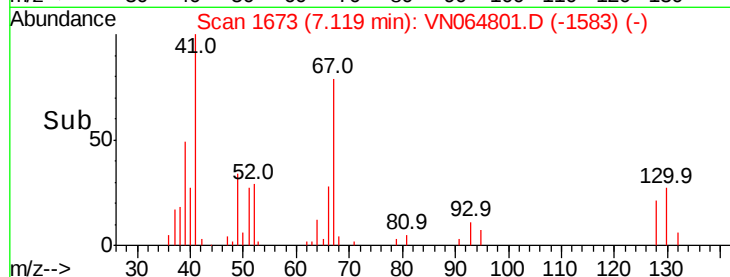
#41
Methacrylonitrile
Concen: 18.703 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Instrument :
MSVOA_N
ClientSampled :
VN1124WBS01

Tot Ion: 41 Resp: 23924
Ion Ratio Lower Upper
41 100
39 51.9 51.0 76.6
67 83.4 79.8 119.8
52 34.3 31.5 47.3

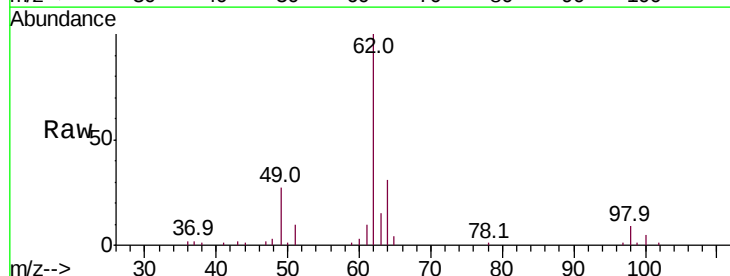


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

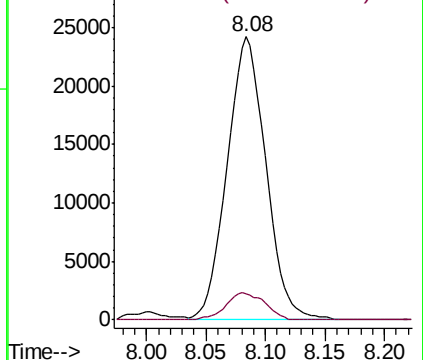
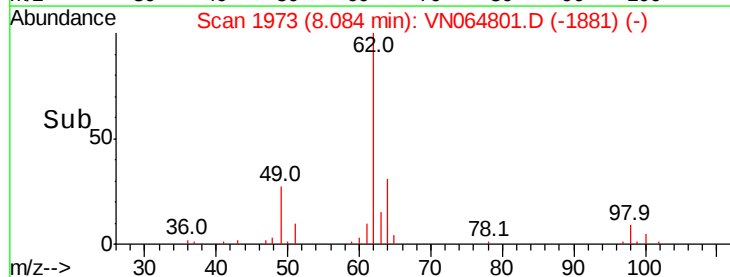


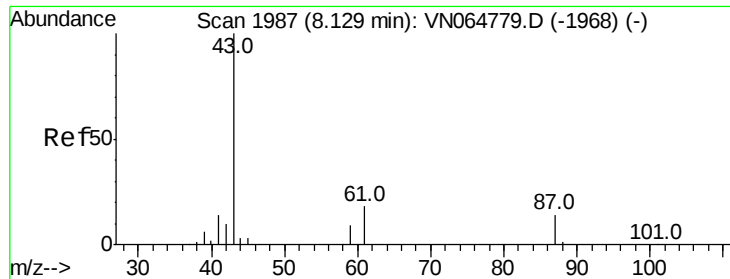
#42
1,2-Dichloroethane
Concen: 18.356 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Tgt Ion: 62 Resp: 54609
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 16.378 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS01

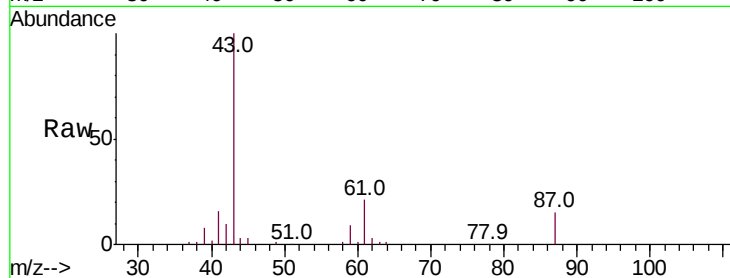
Tot Ion: 43 Resp: 73058

Ion Ratio Lower Upper

43 100

61 21.6 17.2 25.8

87 14.2 11.4 17.0

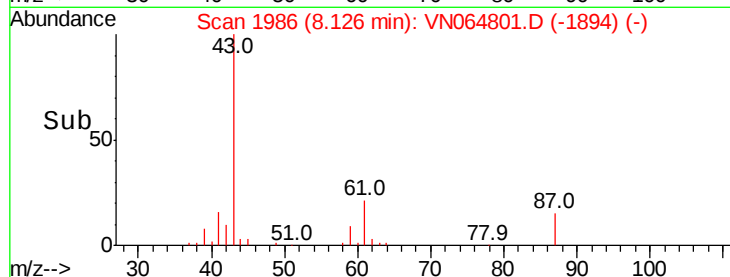


Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)

Time-->

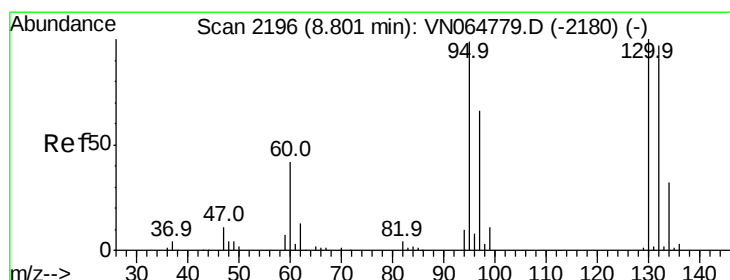


Abundance Ion 43.00 (42.70 to 43.70): VN064801.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN064801.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN064801.D (-1894) (-)

Time-->



#44

Trichloroethene

Concen: 17.646 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064801.D

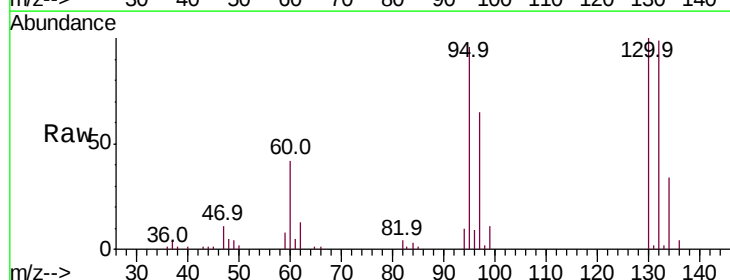
Acq: 24 Nov 2020 11:25

Tgt Ion:130 Resp: 45914

Ion Ratio Lower Upper

130 100

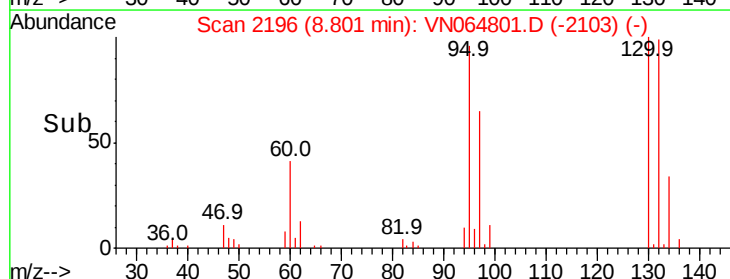
95 96.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)

Time-->

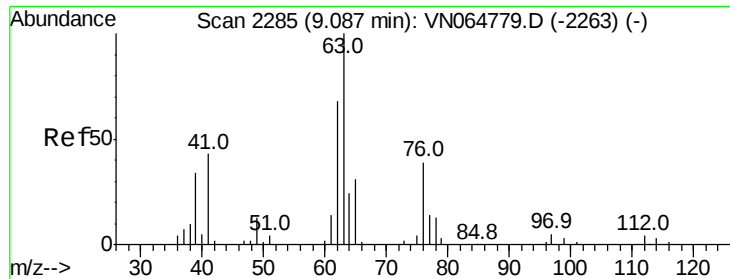


Abundance Ion 129.80 (129.50 to 130.50): VN064801.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064801.D (-2103) (-)

Time-->

Time-->



#45

1,2-Dichloropropane

Concen: 18.755 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

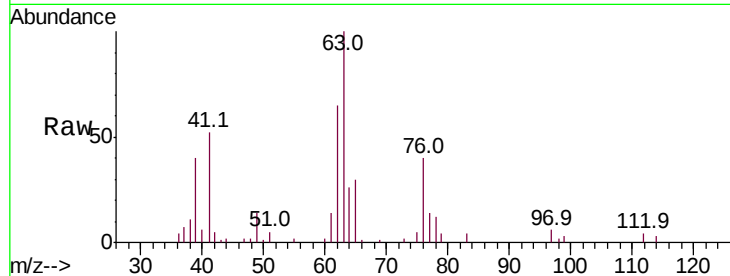
VN1124WBS01

Tot Ion: 63 Resp: 42832

Ion Ratio Lower Upper

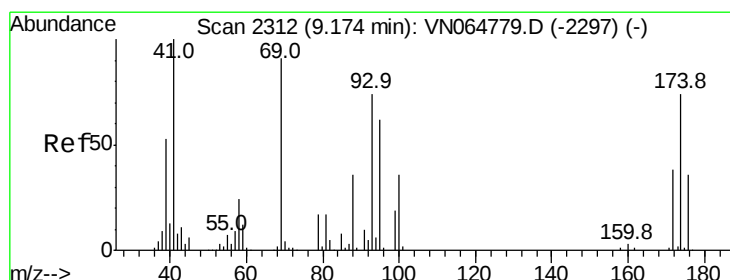
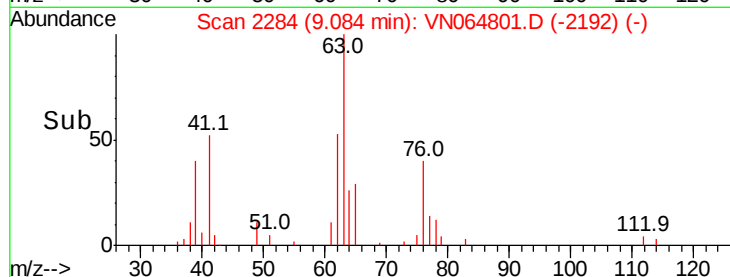
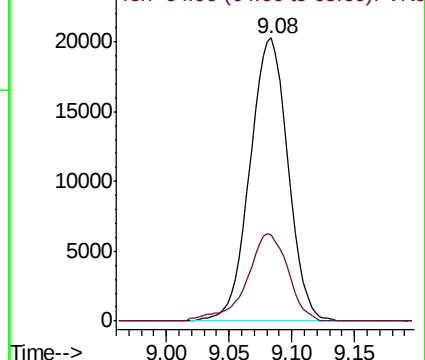
63 100

65 30.4 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.396 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

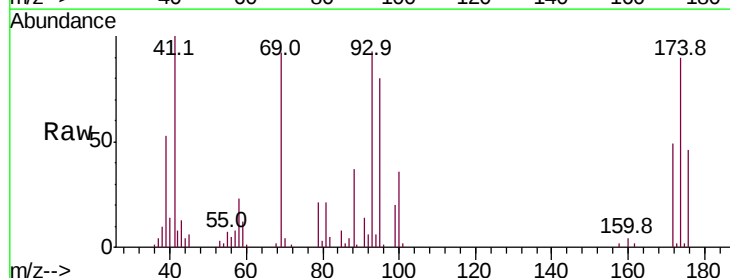
Tgt Ion: 93 Resp: 28067

Ion Ratio Lower Upper

93 100

95 85.9 68.8 103.2

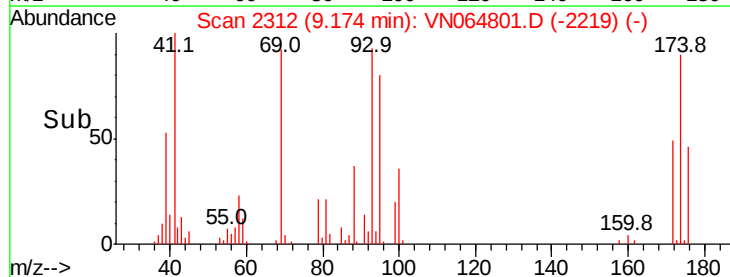
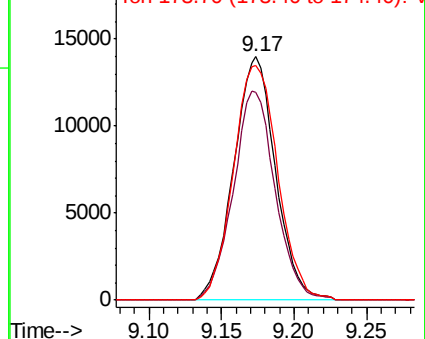
174 102.1 83.1 124.7

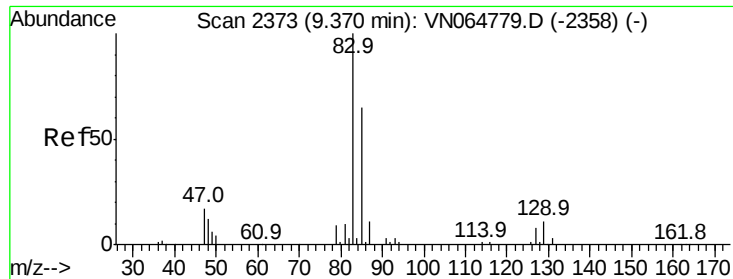


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.299 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS01

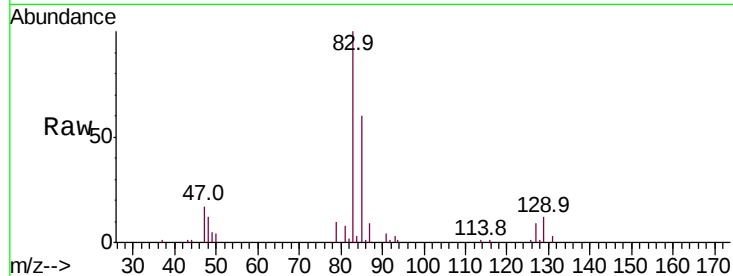
Tot Ion: 83 Resp: 56178

Ion Ratio Lower Upper

83 100

85 60.2 51.8 77.8

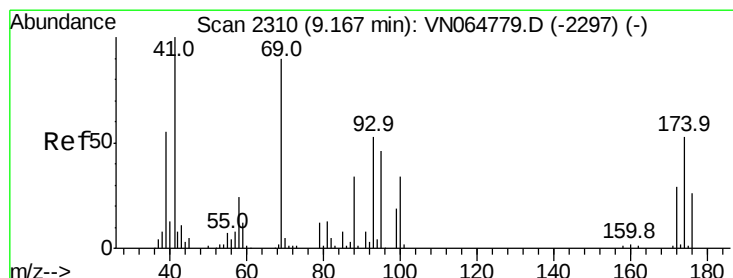
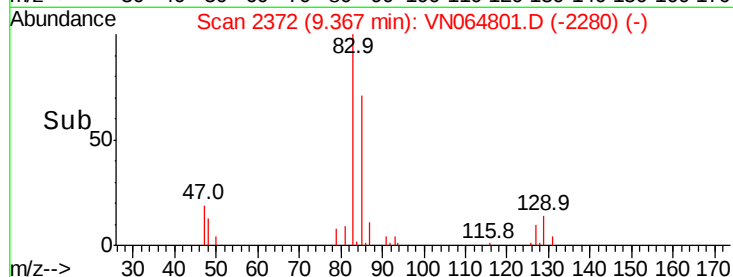
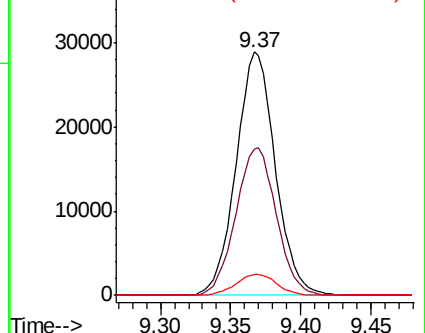
127 8.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)



#48

Methyl methacrylate

Concen: 16.702 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

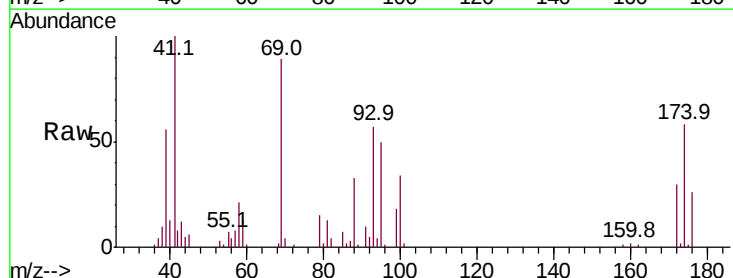
Tgt Ion: 41 Resp: 35601

Ion Ratio Lower Upper

41 100

69 92.9 71.8 107.8

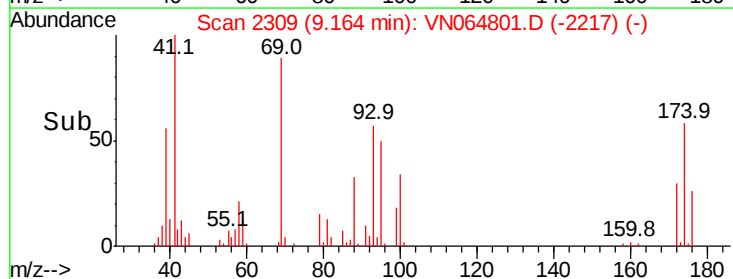
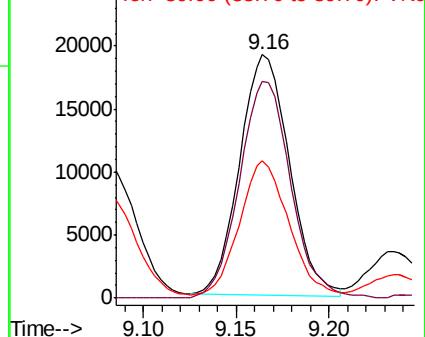
39 58.2 44.1 66.1

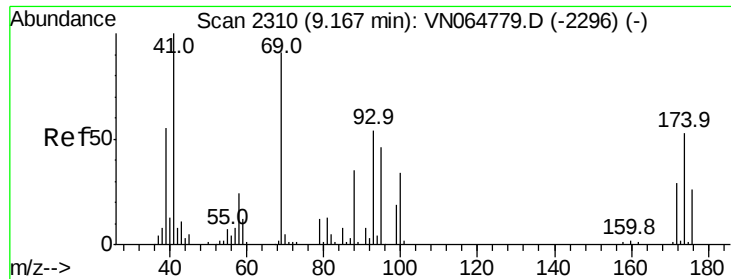


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)

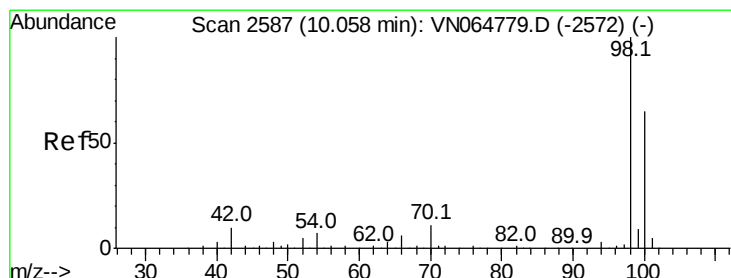
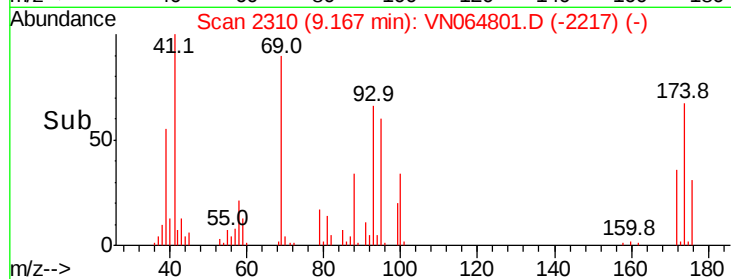
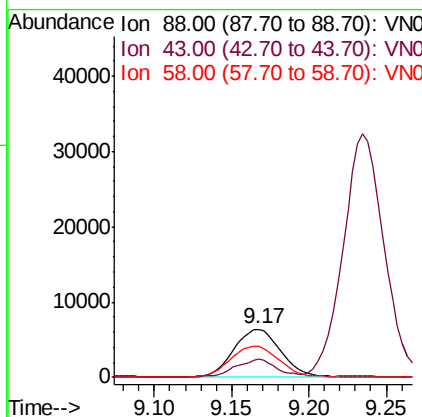
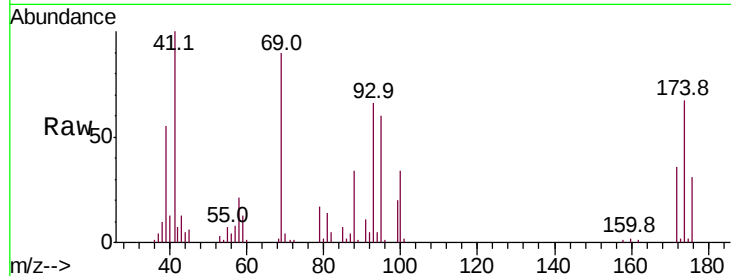




#49
 1,4-Dioxane
 Concen: 337.908 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

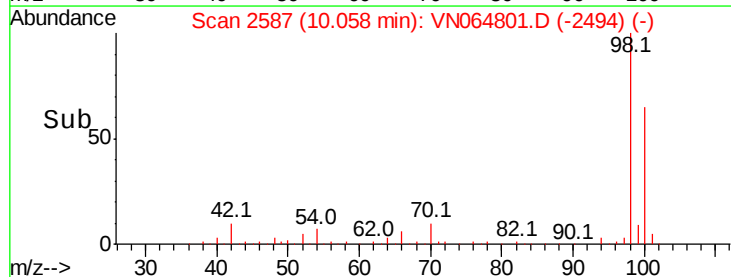
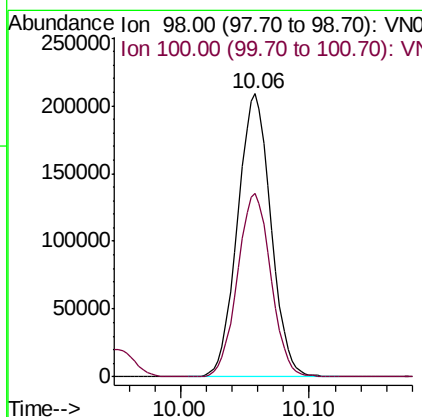
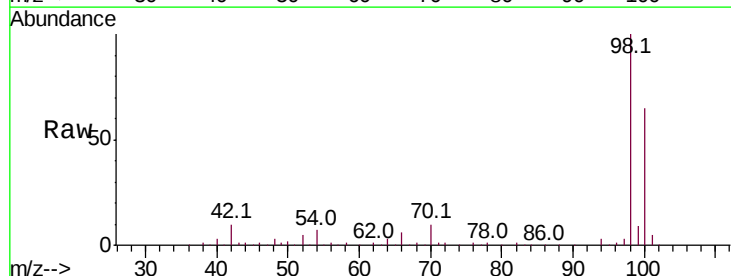
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS01

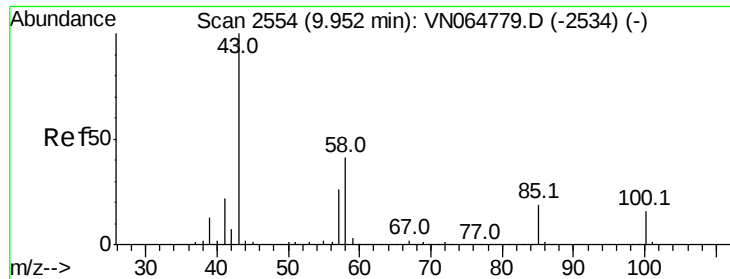
Tot Ion: 88 Resp: 13613
 Ion Ratio Lower Upper
 88 100
 43 32.8 24.2 36.4
 58 66.9 52.5 78.7



#50
 Toluene-d8
 Concen: 49.478 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

Tgt Ion: 98 Resp: 375591
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 86.156 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampled :

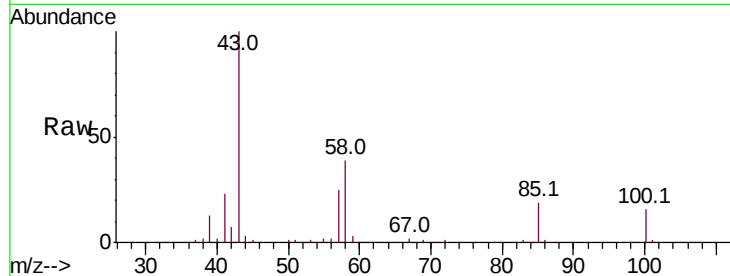
VN1124WBS01

Tot Ion: 43 Resp: 230728

Ion Ratio Lower Upper

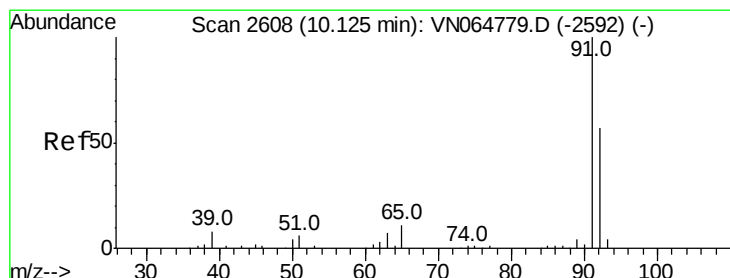
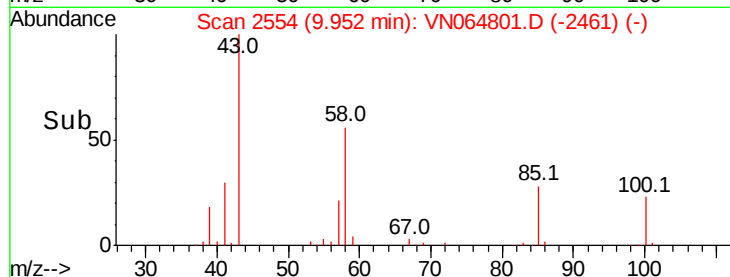
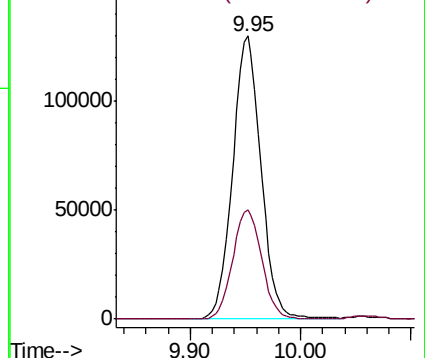
43 100

58 39.6 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.001 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064801.D

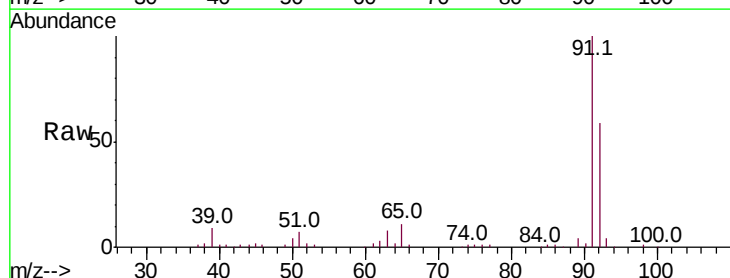
Acq: 24 Nov 2020 11:25

Tgt Ion: 92 Resp: 103194

Ion Ratio Lower Upper

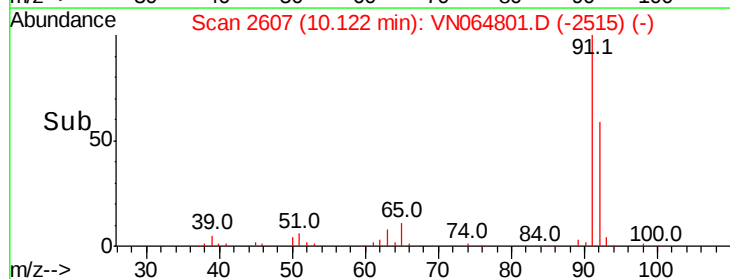
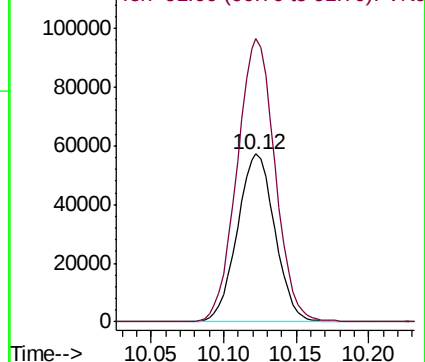
92 100

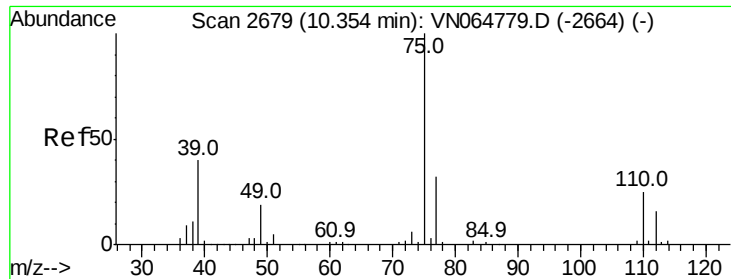
91 170.4 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 17.351 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

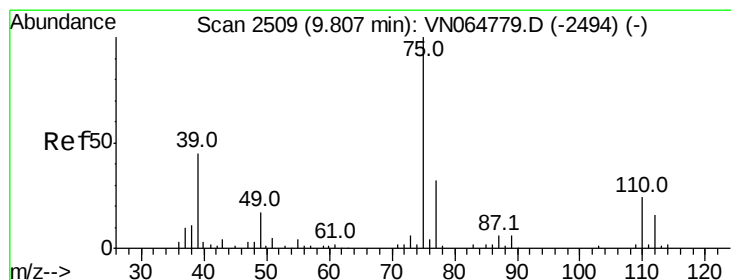
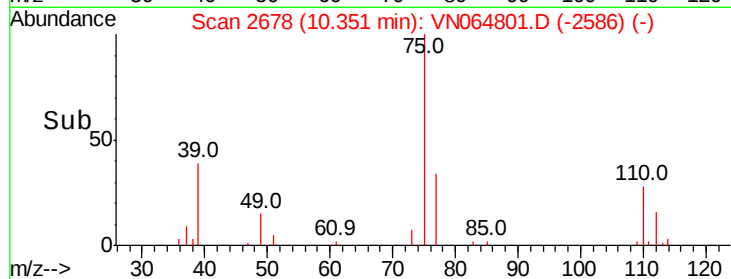
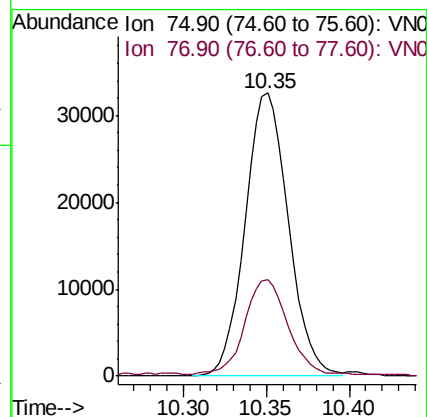
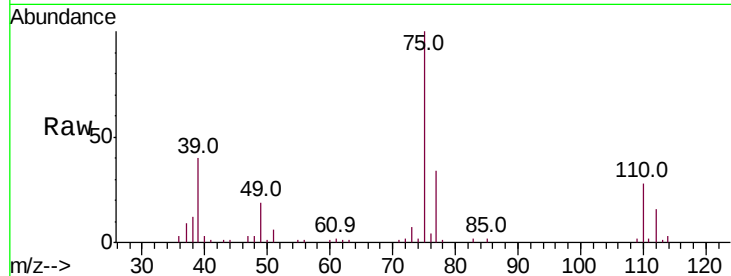
VN1124WBS01

Tot Ion: 75 Resp: 59328

Ion Ratio Lower Upper

75 100

77 33.3 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 18.116 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

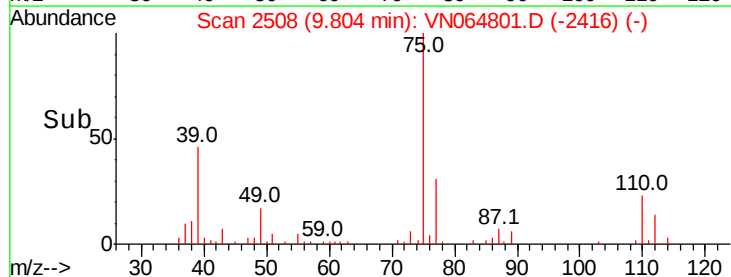
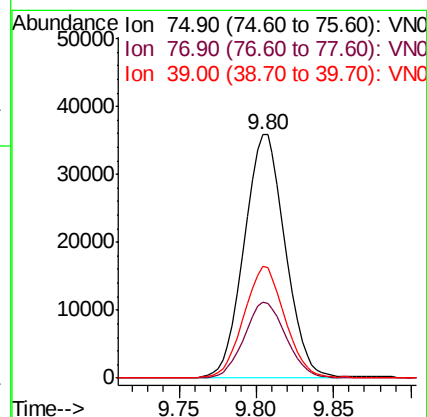
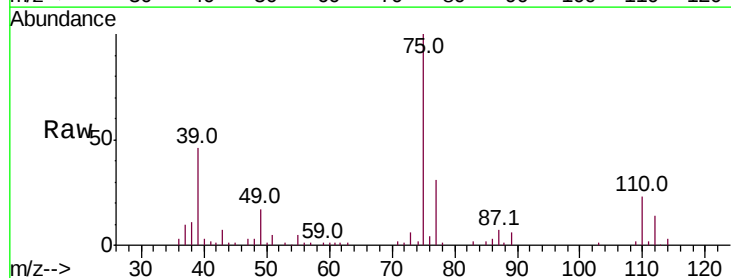
Tgt Ion: 75 Resp: 66397

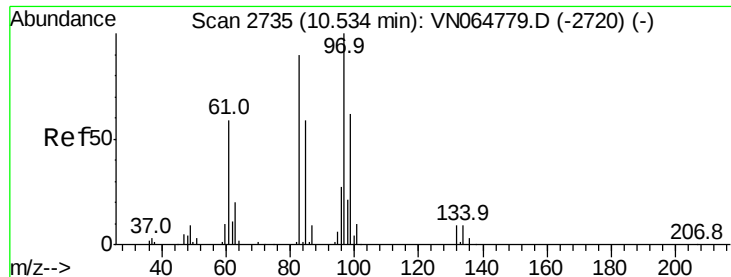
Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 45.9 35.6 53.4

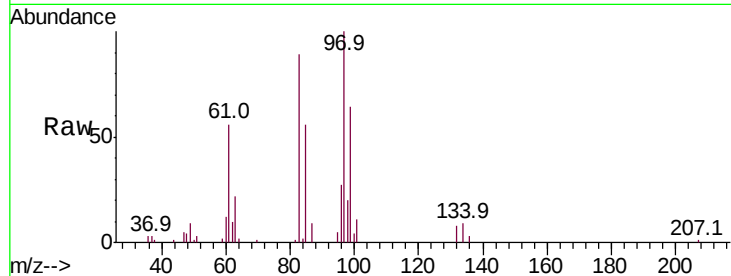




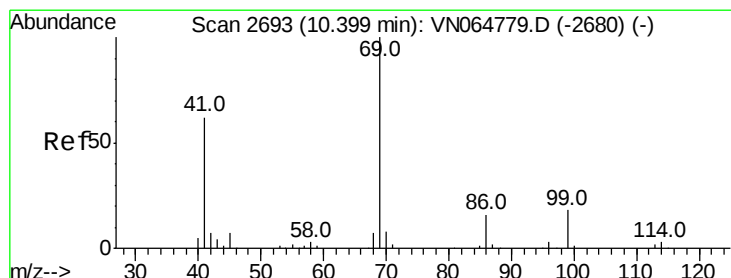
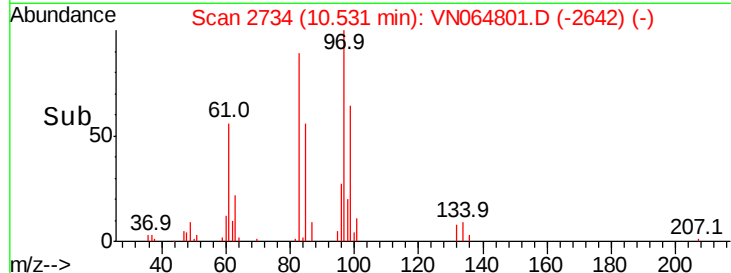
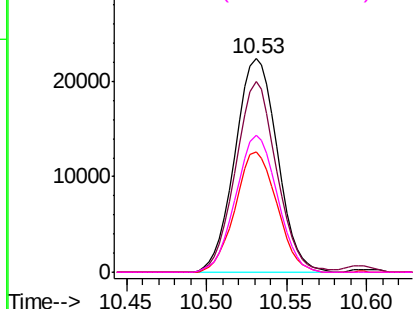
#55
 1,1,2-Trichloroethane
 Concen: 18.145 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS01

Tot Ion: 97 Resp: 40524
 Ion Ratio Lower Upper
 97 100
 83 89.3 72.1 108.1
 85 56.3 46.8 70.2
 99 64.2 49.6 74.4

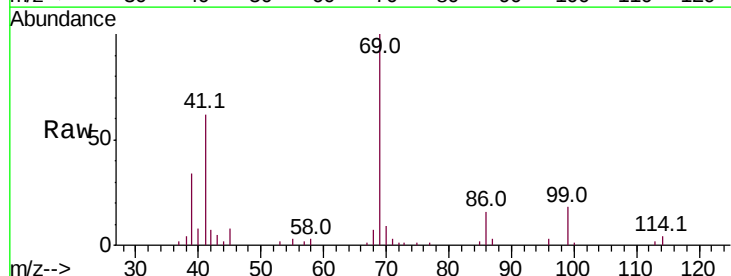


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

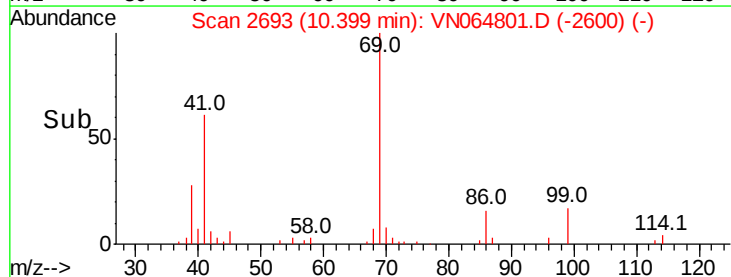
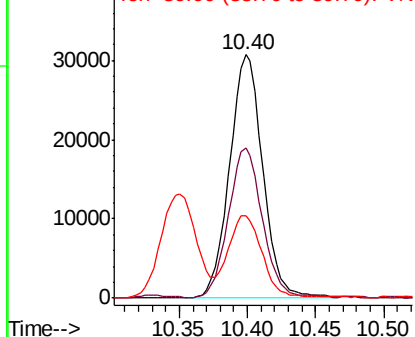


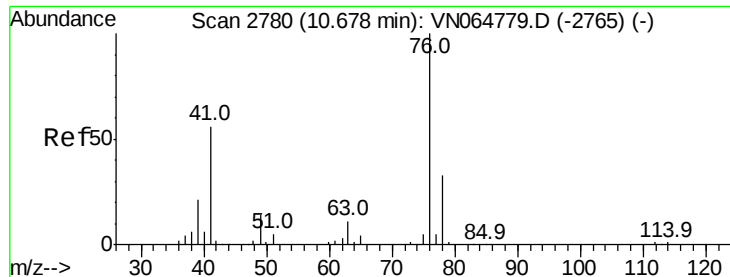
#56
 Ethyl methacrylate
 Concen: 16.888 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

Tgt Ion: 69 Resp: 52047
 Ion Ratio Lower Upper
 69 100
 41 62.7 49.4 74.0
 39 33.6 25.9 38.9



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.192 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

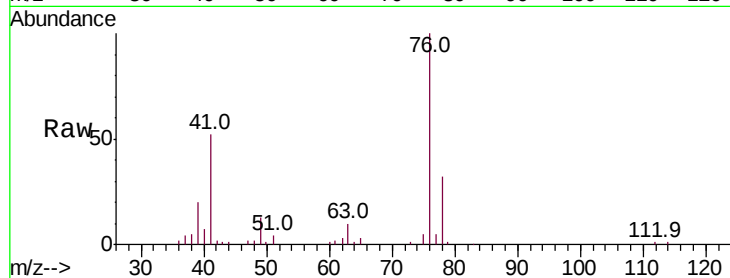
VN1124WBS01

Tot Ion: 76 Resp: 67020

Ion Ratio Lower Upper

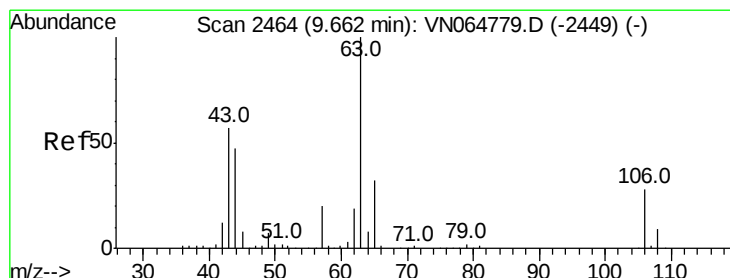
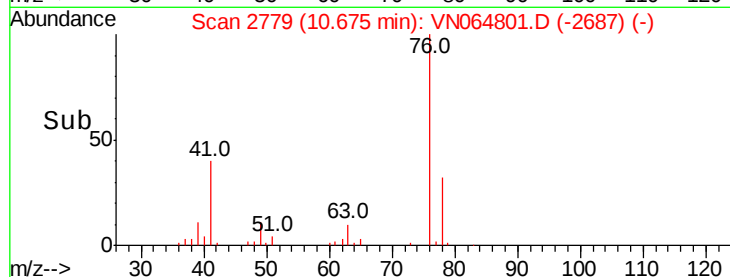
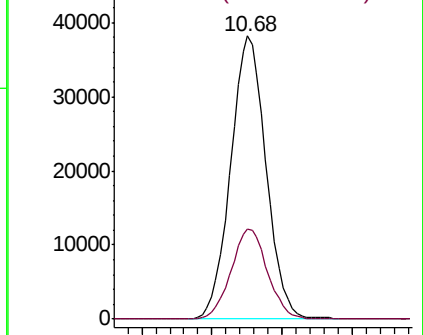
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 89.599 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064801.D

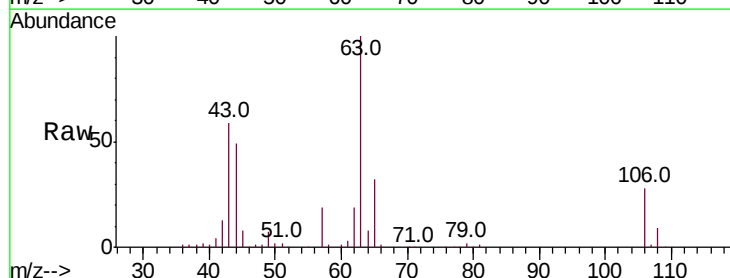
Acq: 24 Nov 2020 11:25

Tgt Ion: 63 Resp: 151891

Ion Ratio Lower Upper

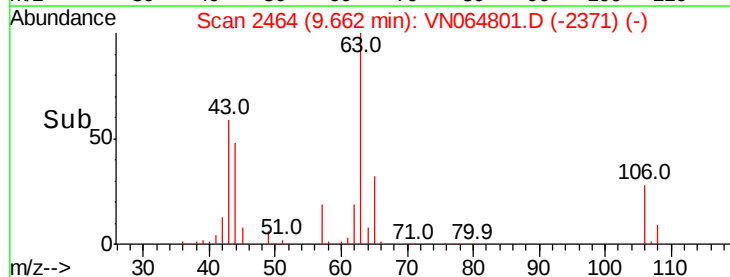
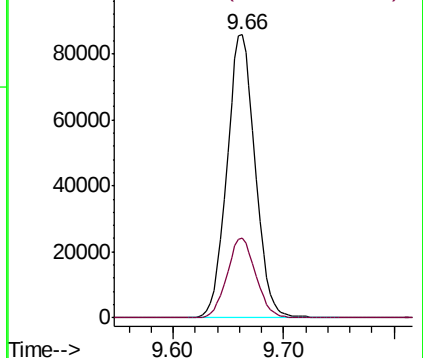
63 100

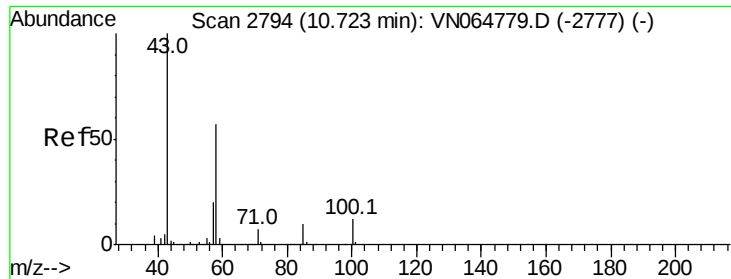
106 28.7 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

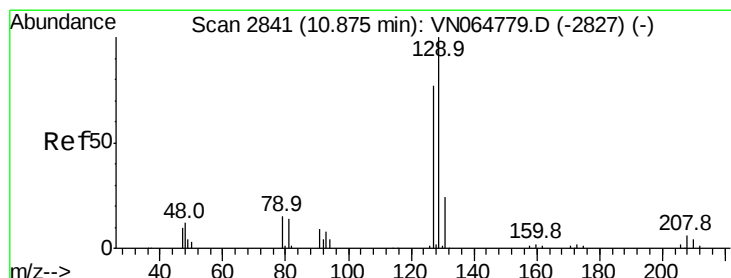
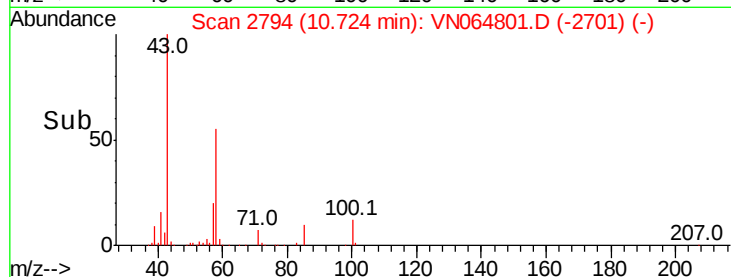
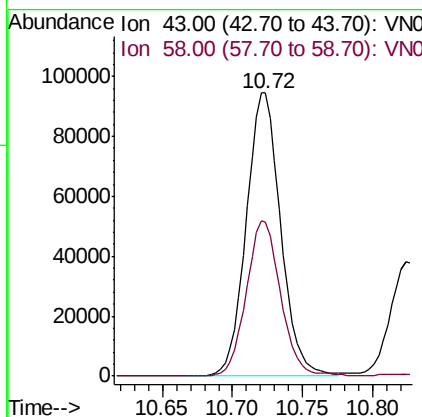
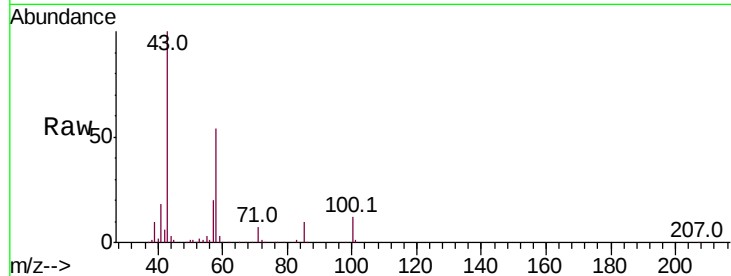




#59
2-Hexanone
Concen: 83.957 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

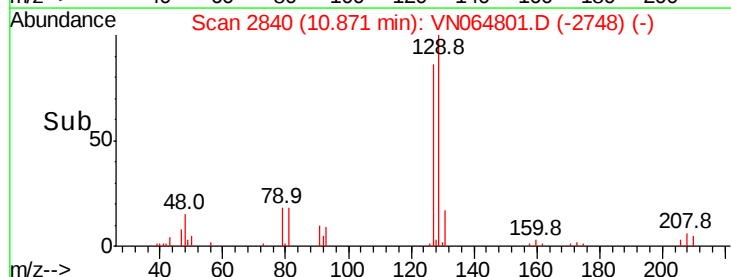
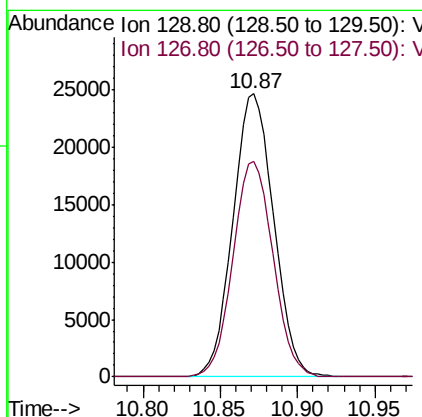
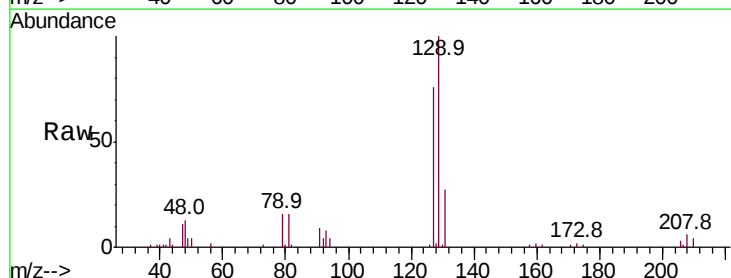
Instrument :
MSVOA_N
ClientSampled :
VN1124WBS01

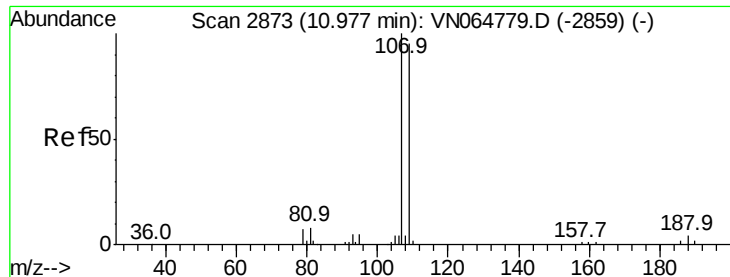
Tot Ion: 43 Resp: 161813
Ion Ratio Lower Upper
43 100
58 54.5 28.3 84.9



#60
Dibromochloromethane
Concen: 18.197 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Tgt Ion: 129 Resp: 45174
Ion Ratio Lower Upper
129 100
127 74.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.636 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

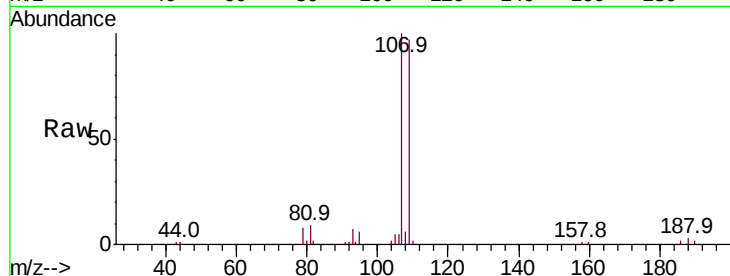
VN1124WBS01

Tot Ion:107 Resp: 40016

Ion Ratio Lower Upper

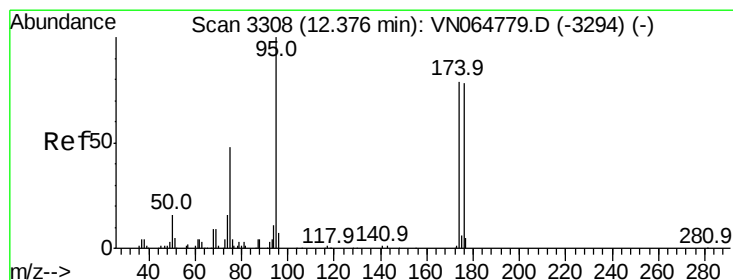
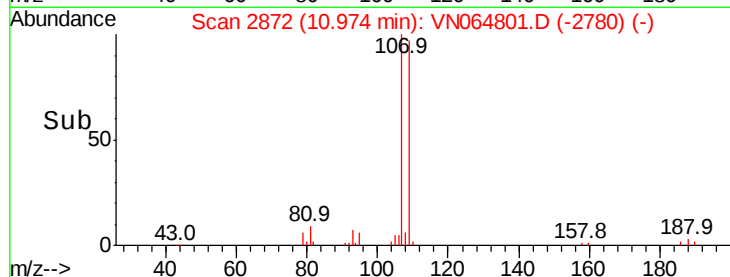
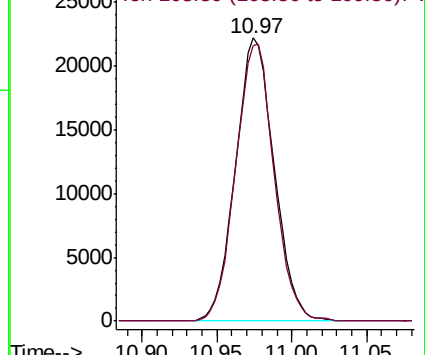
107 100

109 97.1 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.577 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

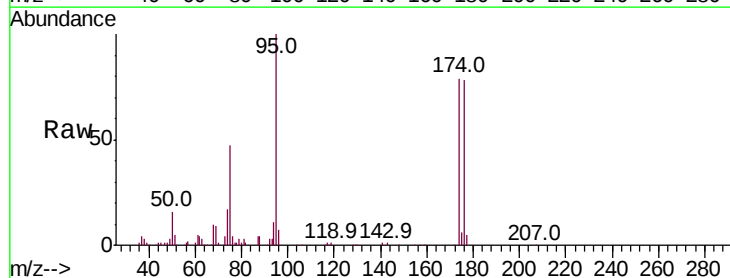
Tgt Ion: 95 Resp: 131967

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.4

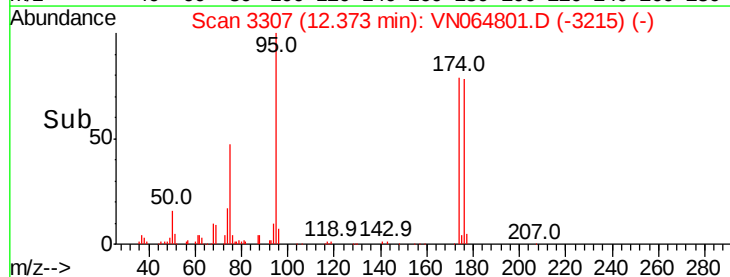
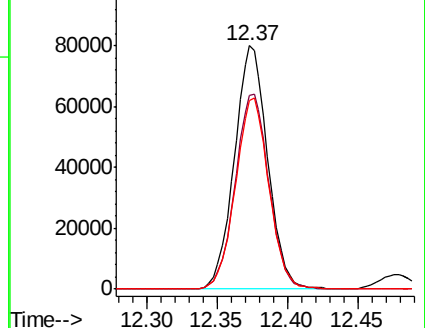
176 79.0 0.0 158.4

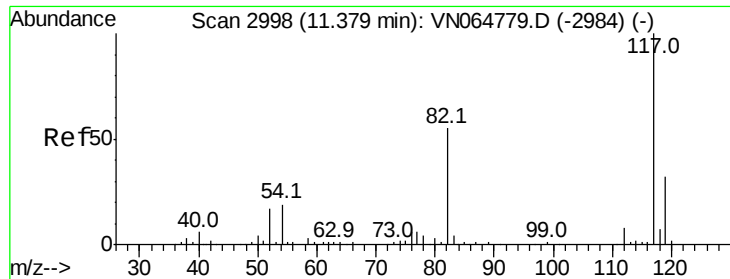


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

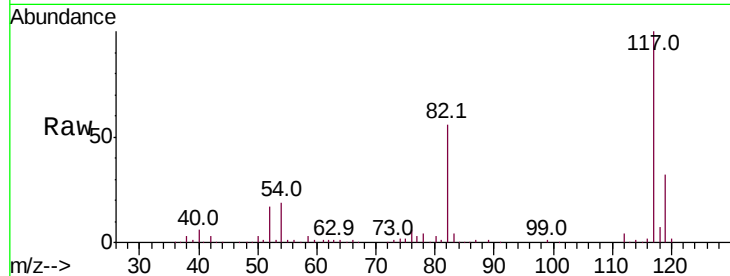




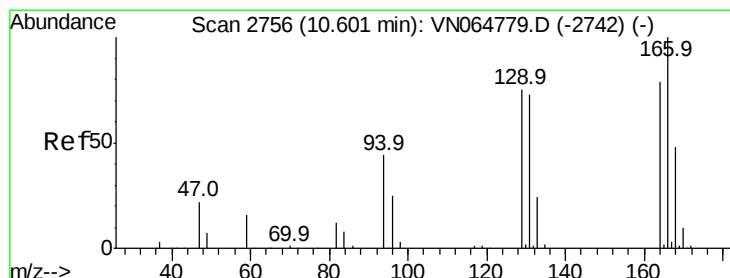
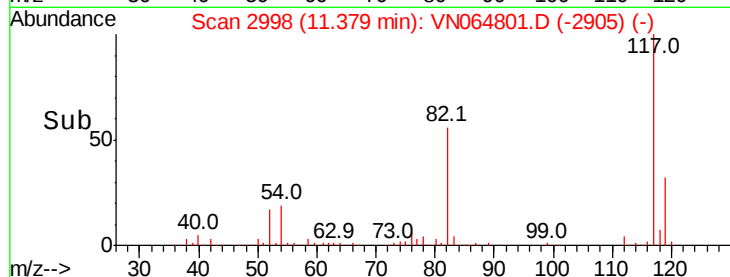
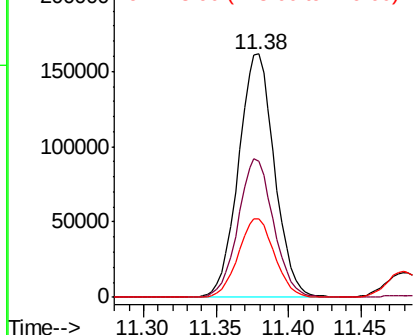
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS01

Tot Ion:117 Resp: 278902
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.3 25.8 38.6

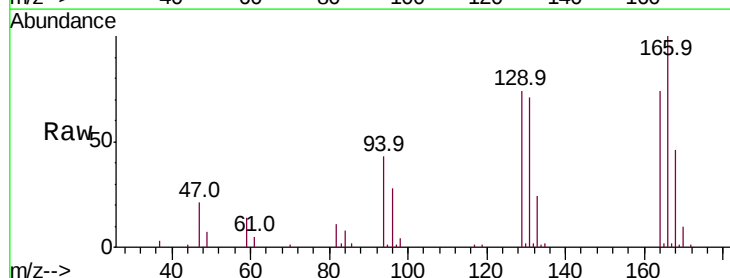


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

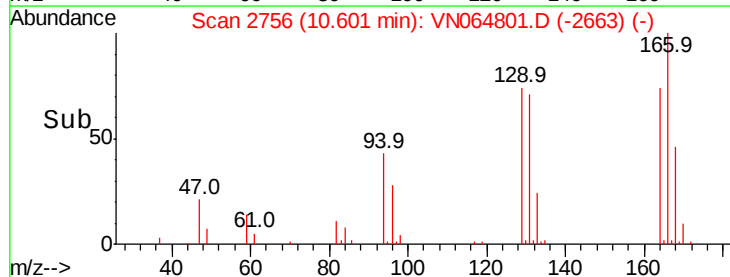
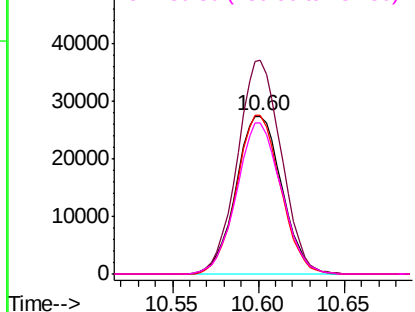


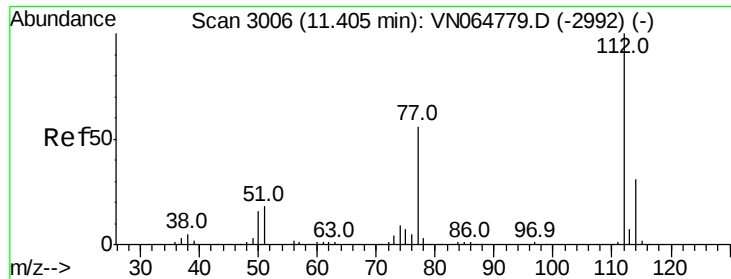
#64
Tetrachloroethene
Concen: 18.624 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Tgt Ion:164 Resp: 50534
Ion Ratio Lower Upper
164 100
166 135.2 101.4 152.0
129 100.2 76.1 114.1
131 95.6 74.2 111.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

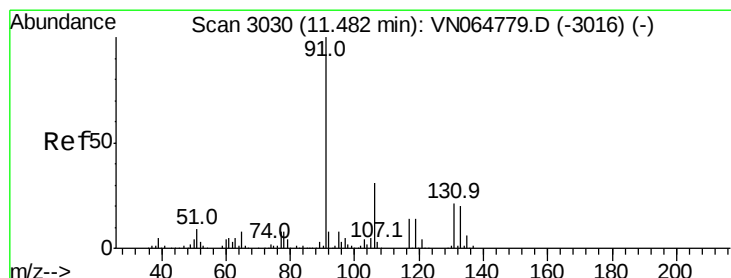
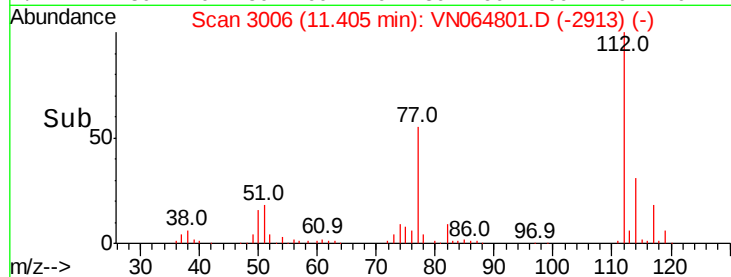
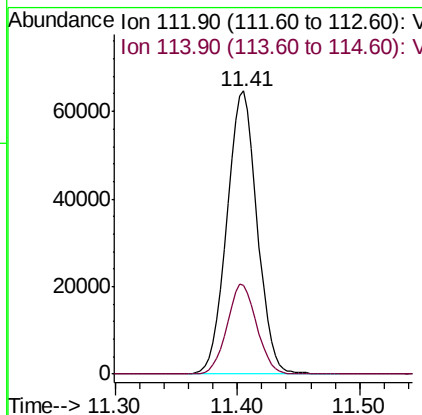
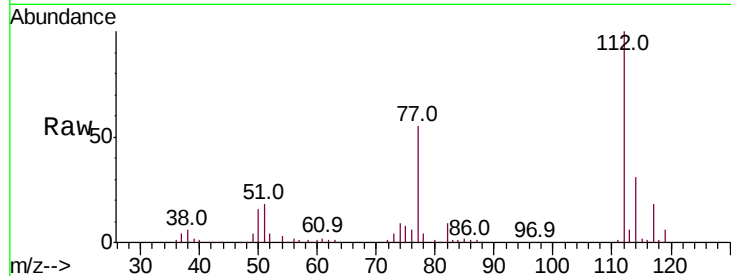




#65
Chlorobenzene
Concen: 18.724 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

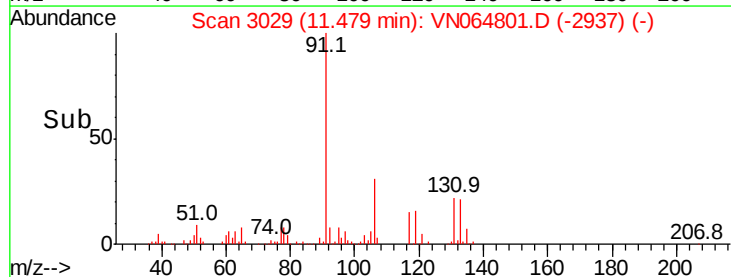
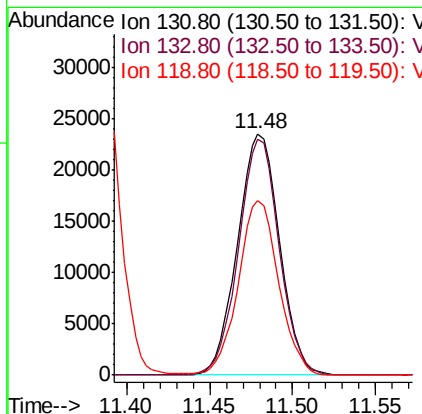
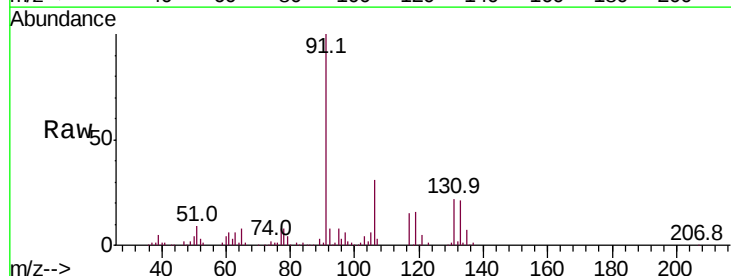
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS01

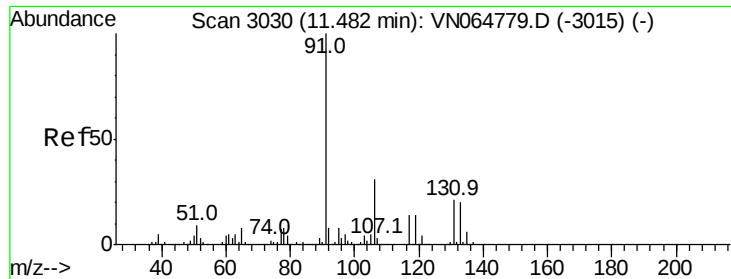
Tot Ion:112 Resp: 112146
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.823 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Tgt Ion:131 Resp: 41431
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.5
119 69.8 33.3 99.8

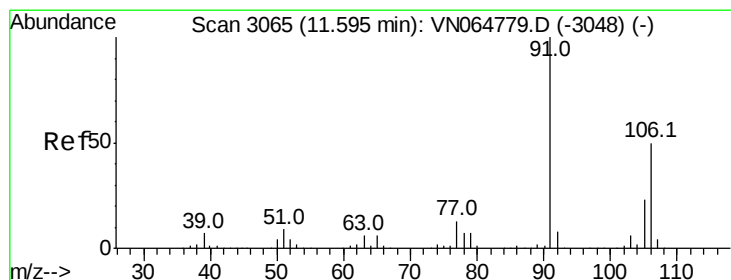
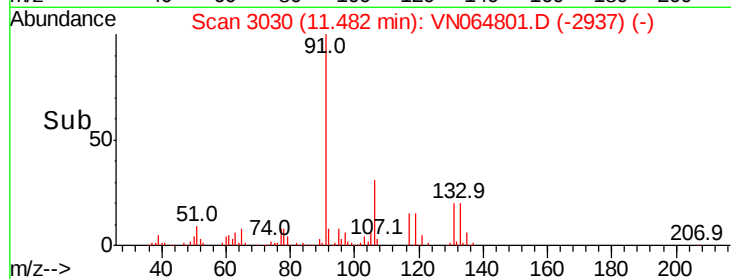
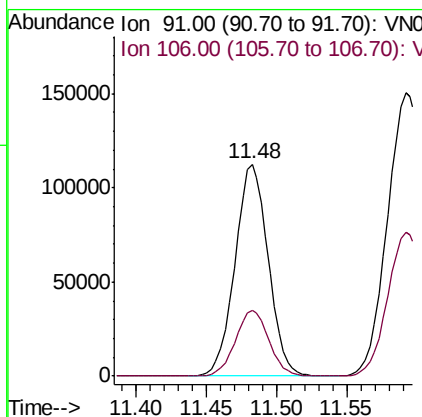
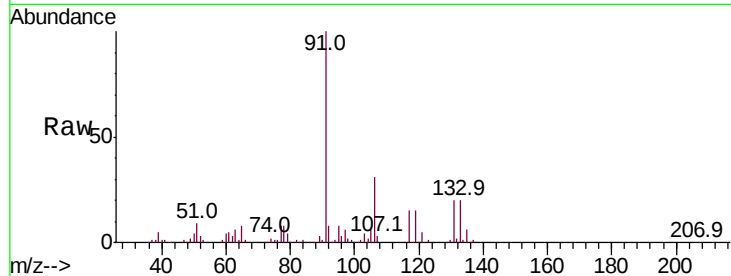




#67
Ethyl Benzene
Concen: 18.586 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

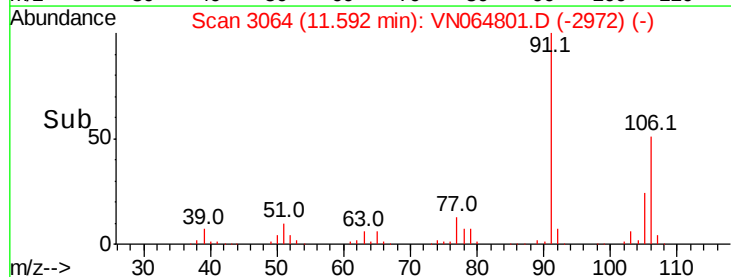
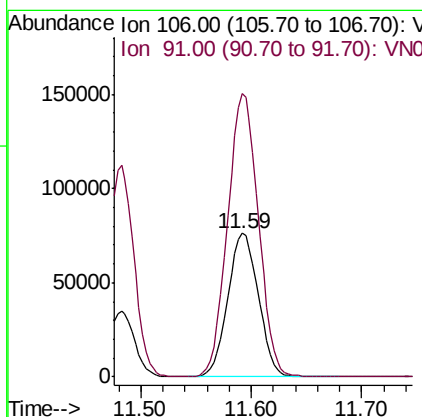
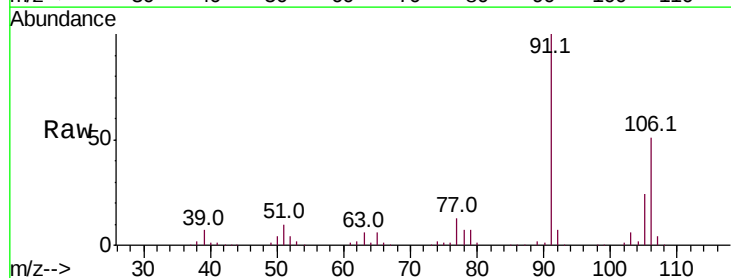
Instrument :
MSVOA_N
ClientSampled :
VN1124WBS01

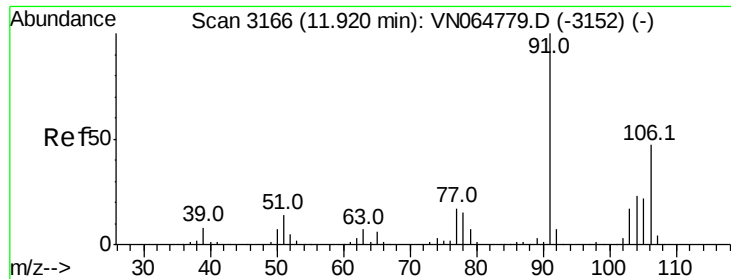
Tot Ion: 91 Resp: 185962
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8



#68
m/p-Xylenes
Concen: 38.674 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Tgt Ion: 106 Resp: 146503
Ion Ratio Lower Upper
106 100
91 199.3 161.0 241.4

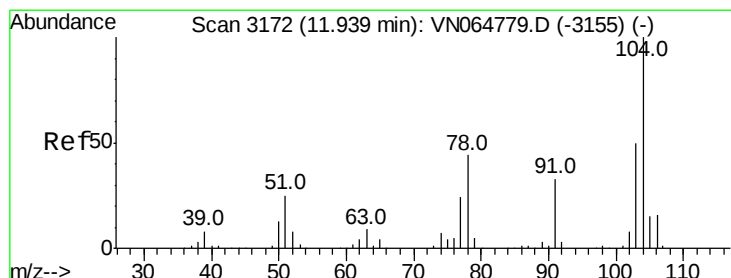
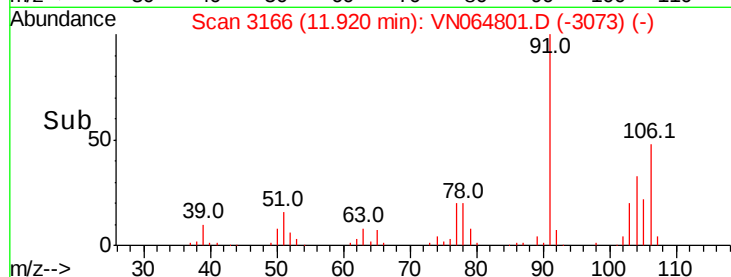
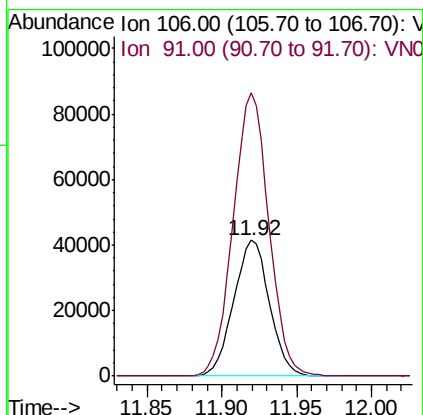
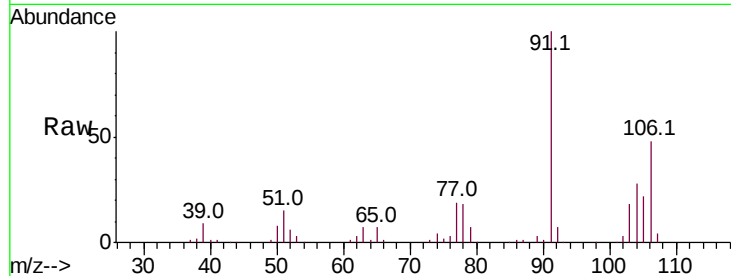




#69
o-Xylene
Concen: 19.217 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

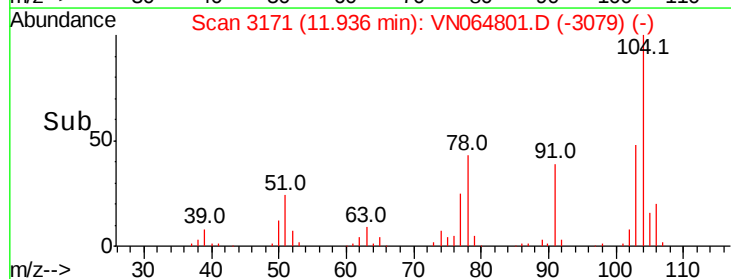
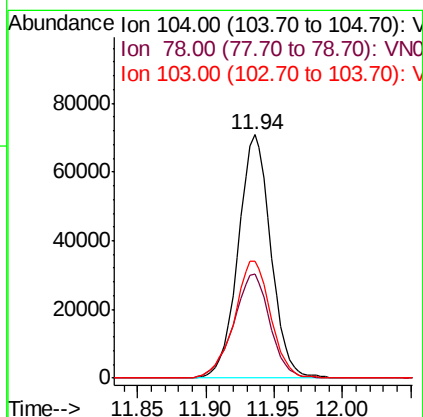
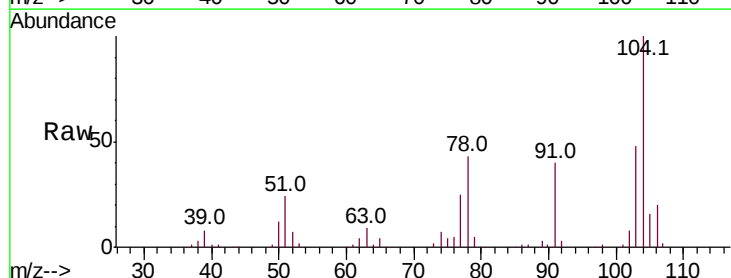
Instrument :
MSVOA_N
ClientSampled :
VN1124WBS01

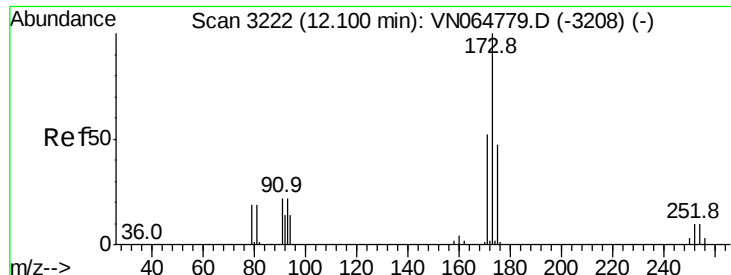
Tot Ion:106 Resp: 69081
Ion Ratio Lower Upper
106 100
91 208.1 105.5 316.5



#70
Styrene
Concen: 19.407 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Tgt Ion:104 Resp: 117772
Ion Ratio Lower Upper
104 100
78 47.7 39.0 58.6
103 53.5 44.3 66.5





#71

Bromoform

Concen: 17.792 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS01

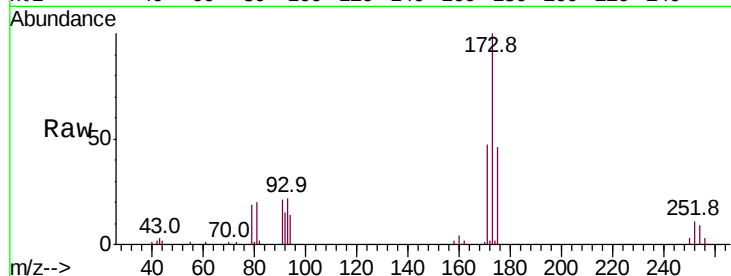
Tot Ion:173 Resp: 31278

Ion Ratio Lower Upper

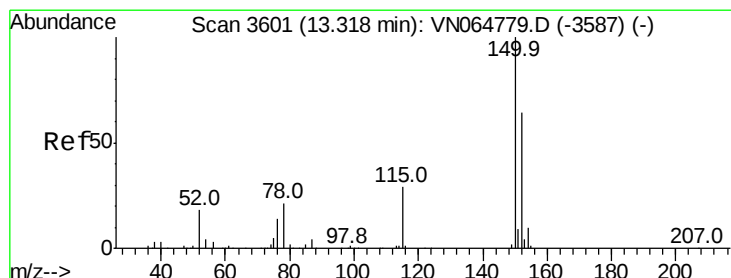
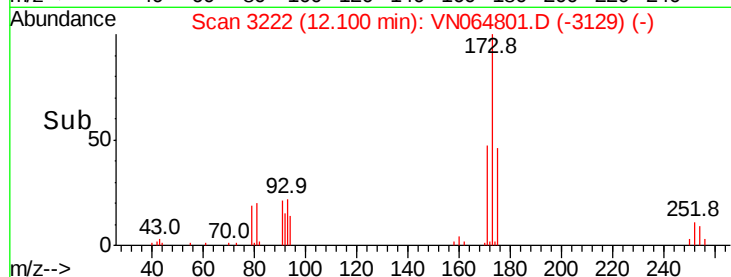
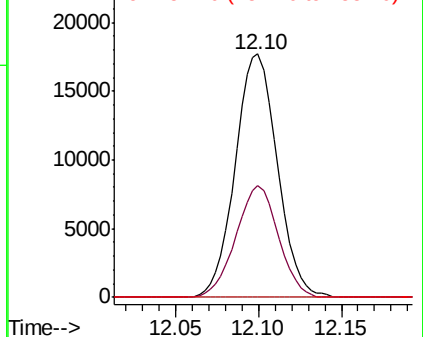
173 100

175 46.2 24.3 72.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

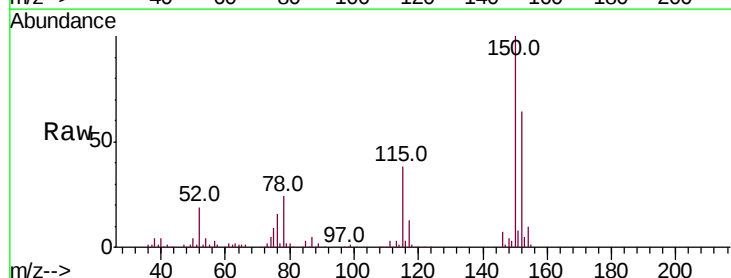
Tgt Ion:152 Resp: 138410

Ion Ratio Lower Upper

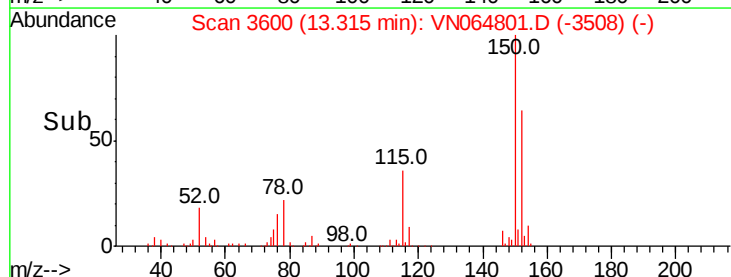
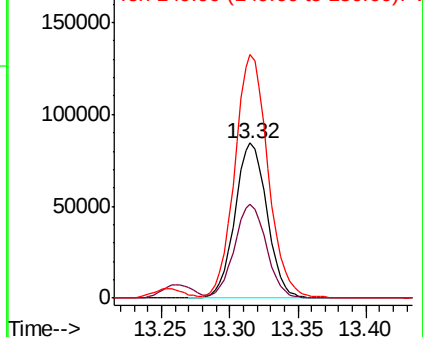
152 100

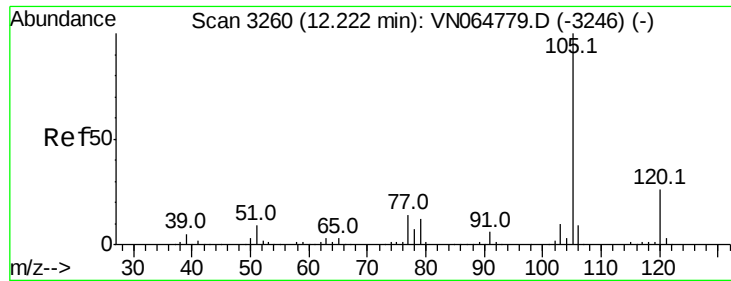
115 60.3 29.7 89.1

150 161.3 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.951 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

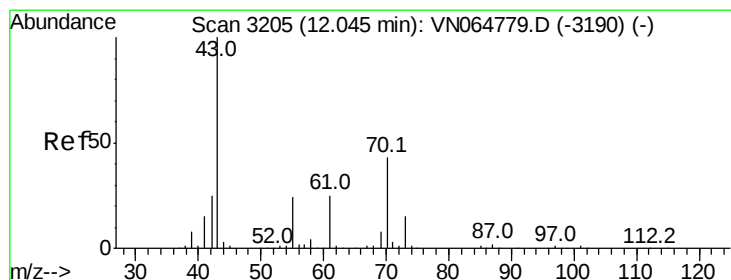
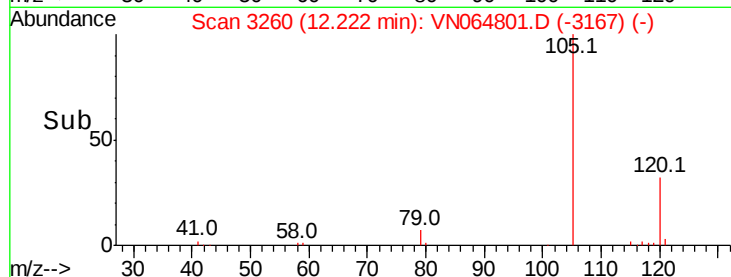
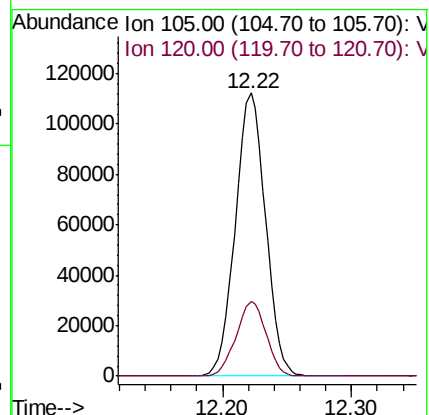
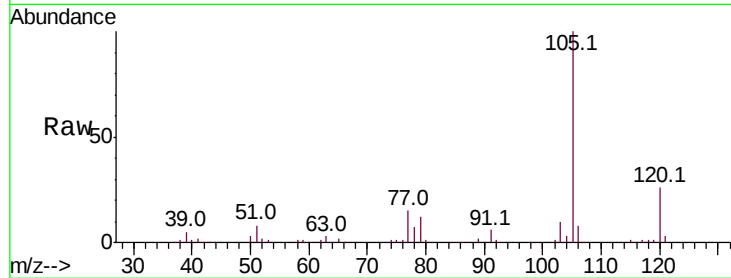
VN1124WBS01

Tot Ion:105 Resp: 182445

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 16.289 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Tgt Ion: 43 Resp: 61714

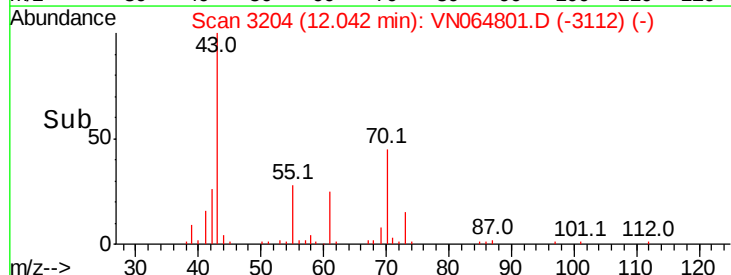
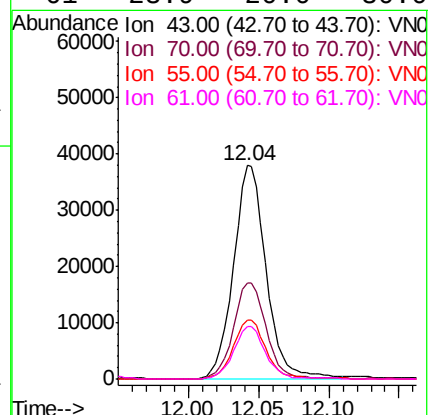
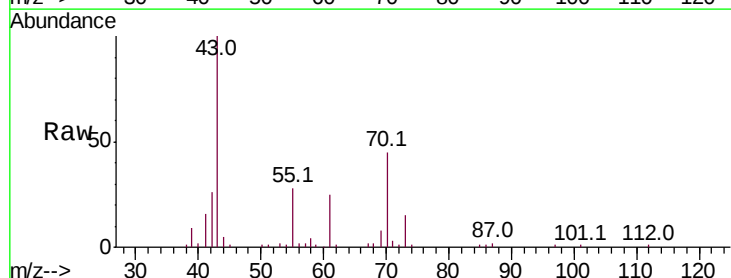
Ion Ratio Lower Upper

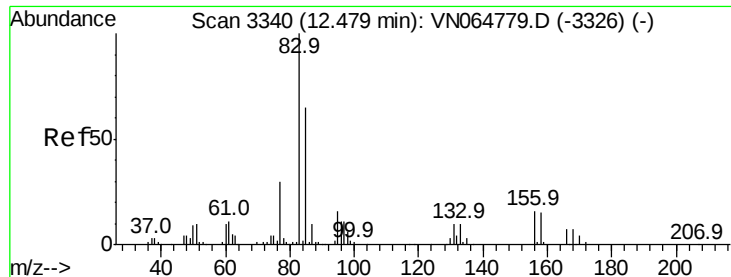
43 100

70 45.0 34.5 51.7

55 27.9 20.4 30.6

61 23.9 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.812 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS01

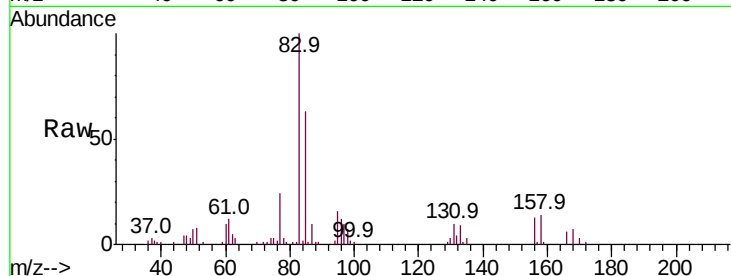
Tot Ion: 83 Resp: 50261

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

85 63.1 33.0 99.0

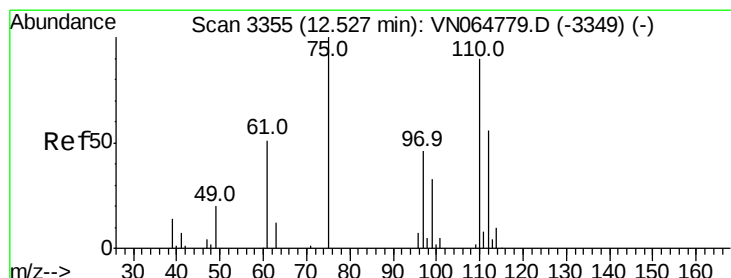
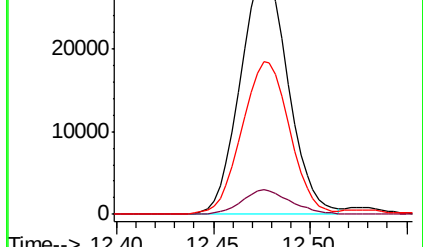
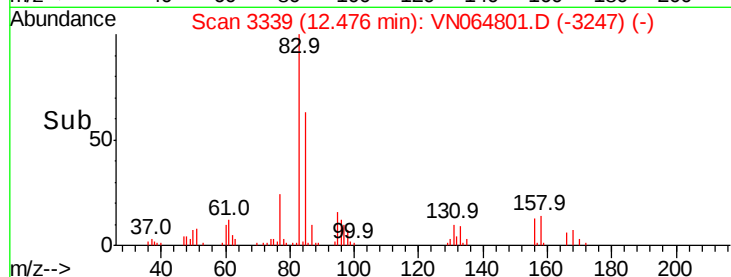


Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 23.672 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064801.D

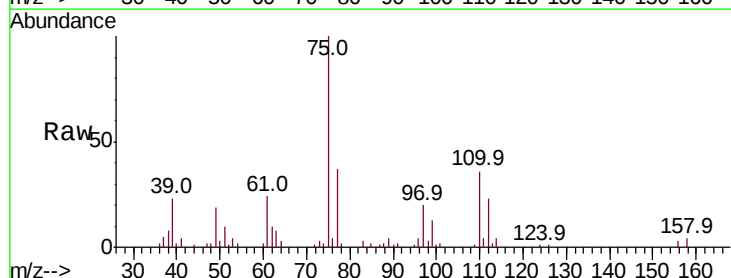
Acq: 24 Nov 2020 11:25

Tgt Ion: 75 Resp: 70560

Ion Ratio Lower Upper

75 100

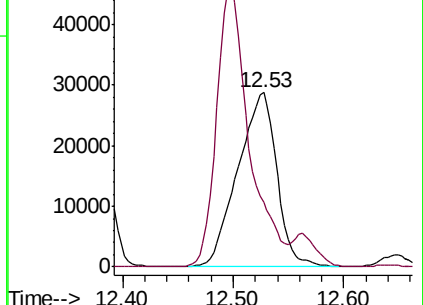
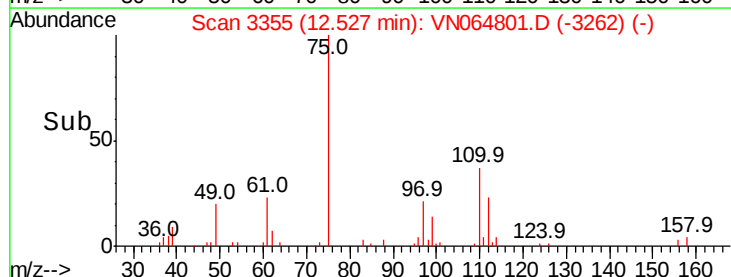
77 0.0 0.0 0.0

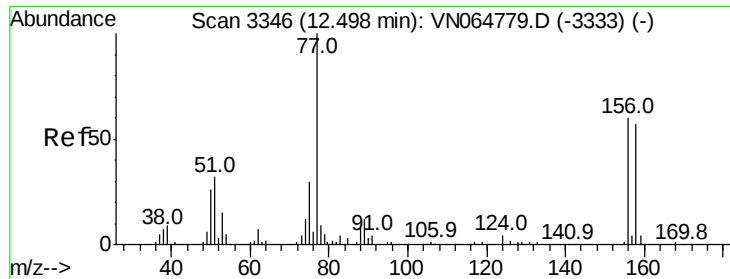


Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)

Time--> 12.40 12.45 12.50





#77

Bromobenzene

Concen: 18.086 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS01

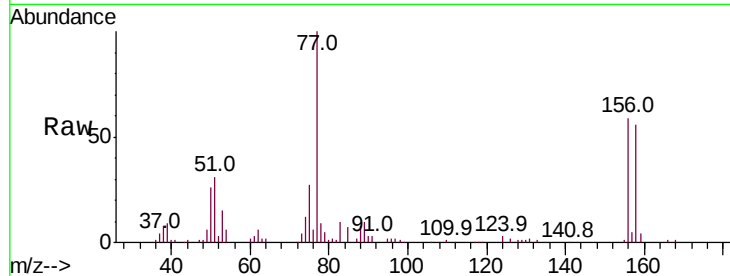
Tot Ion:156 Resp: 46942

Ion Ratio Lower Upper

156 100

77 202.1 101.3 303.7

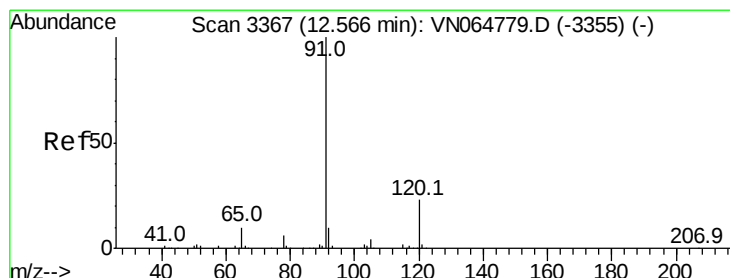
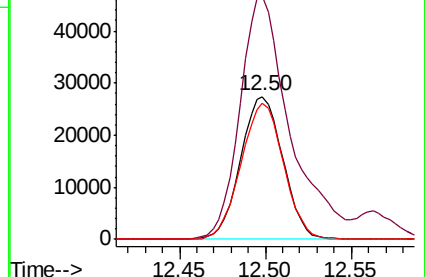
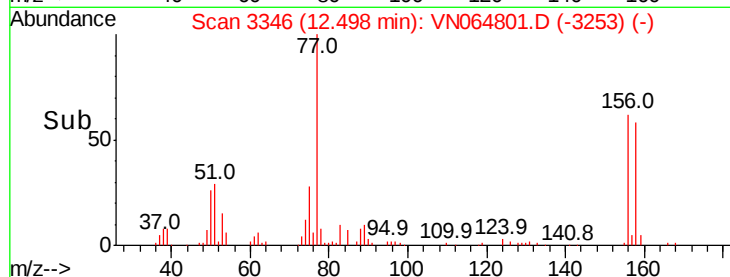
158 96.2 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.906 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064801.D

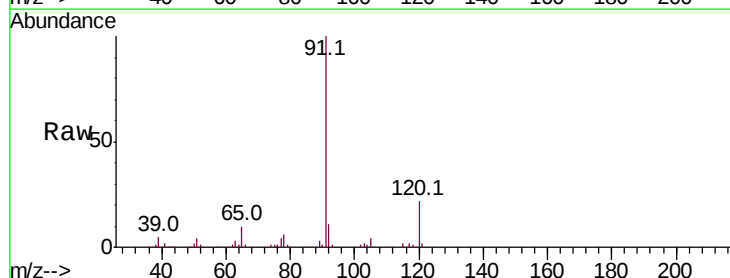
Acq: 24 Nov 2020 11:25

Tgt Ion: 91 Resp: 207350

Ion Ratio Lower Upper

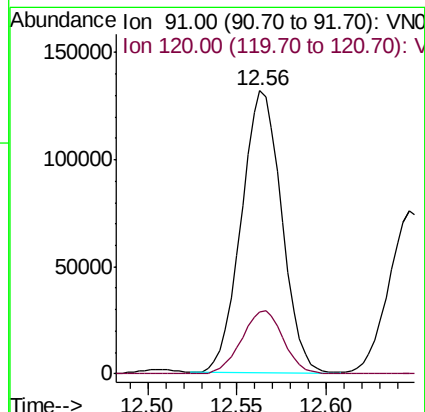
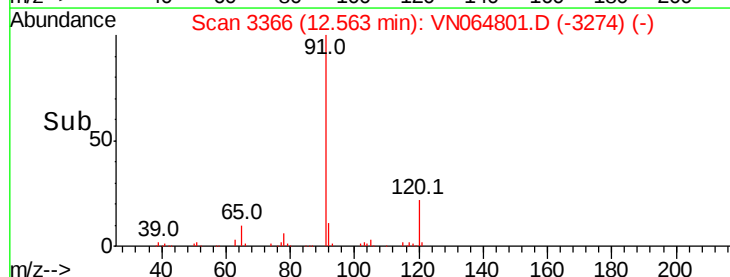
91 100

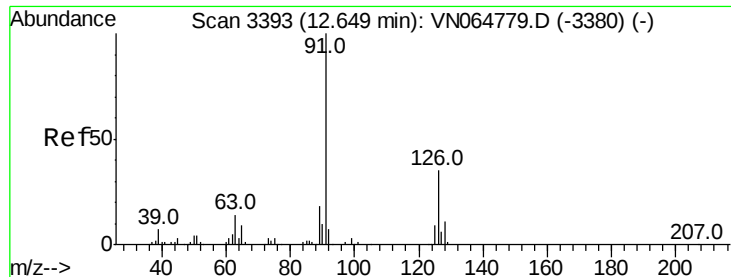
120 23.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.588 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampled :

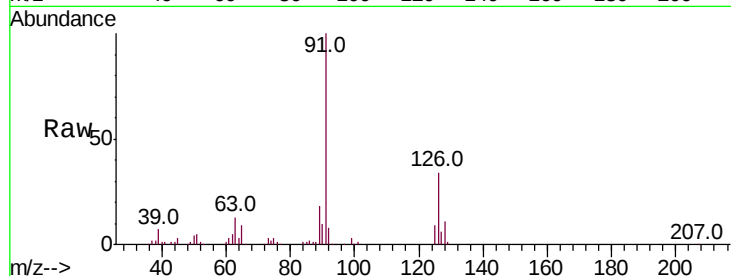
VN1124WBS01

Tot Ion: 91 Resp: 126020

Ion Ratio Lower Upper

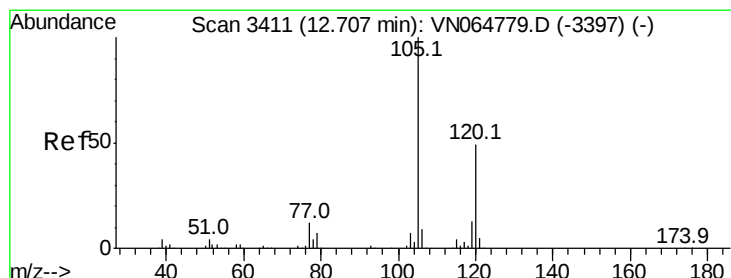
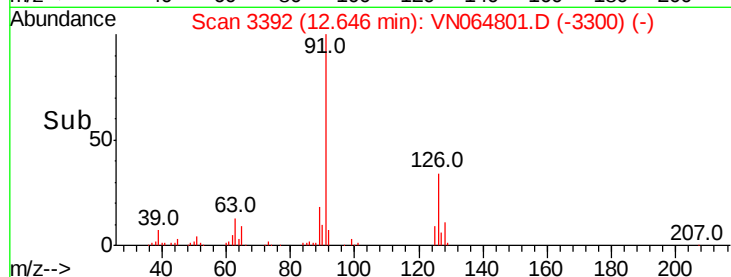
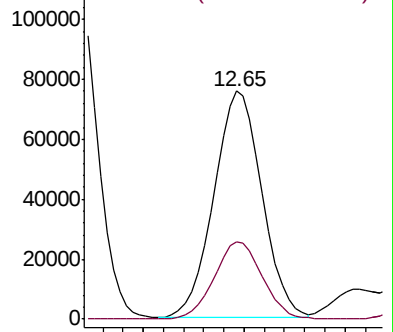
91 100

126 34.2 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.533 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064801.D

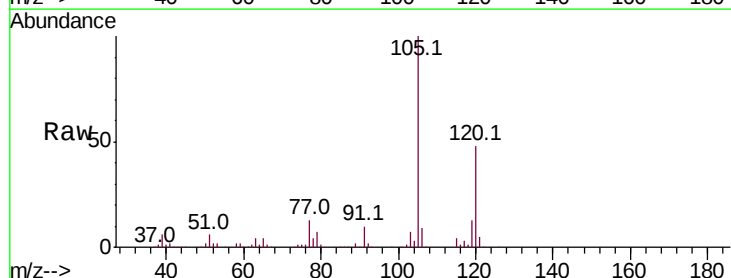
Acq: 24 Nov 2020 11:25

Tgt Ion:105 Resp: 156311

Ion Ratio Lower Upper

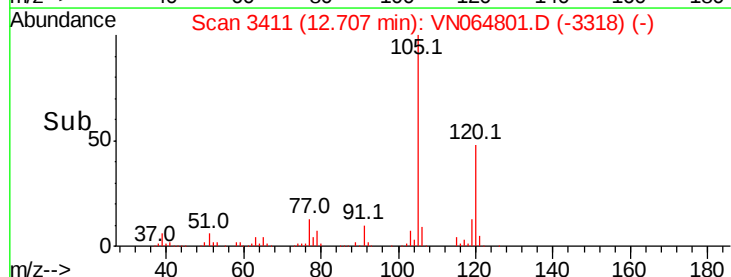
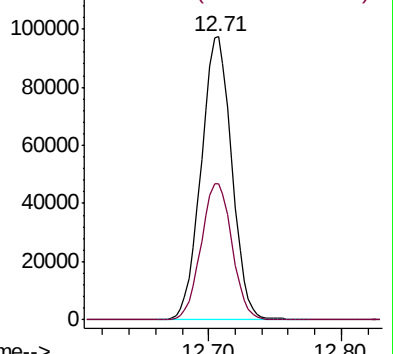
105 100

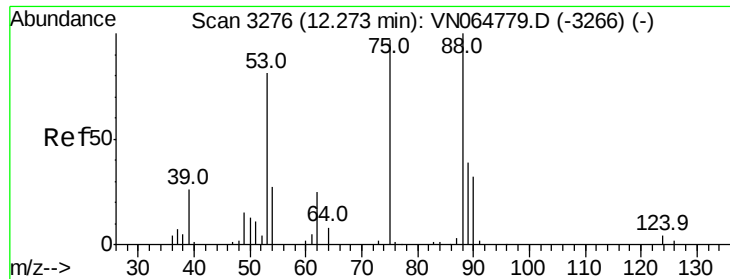
120 48.5 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.116 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampled :

VN1124WBS01

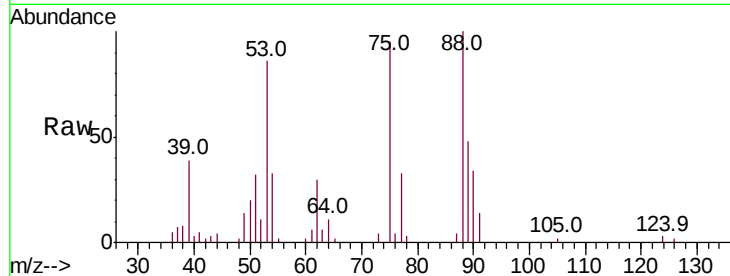
Tot Ion: 75 Resp: 17527

Ion Ratio Lower Upper

75 100

53 93.5 67.0 100.4

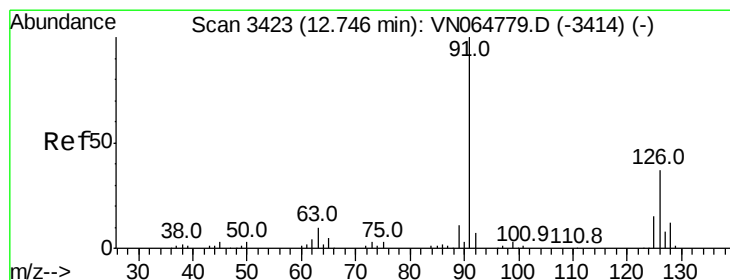
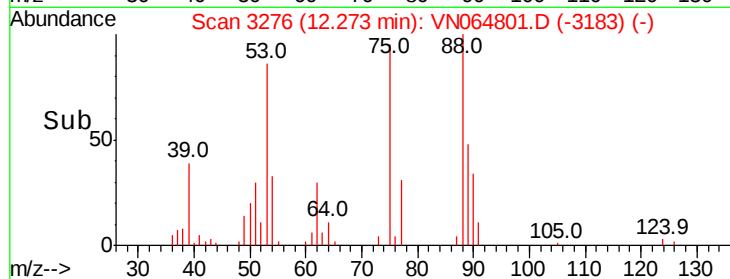
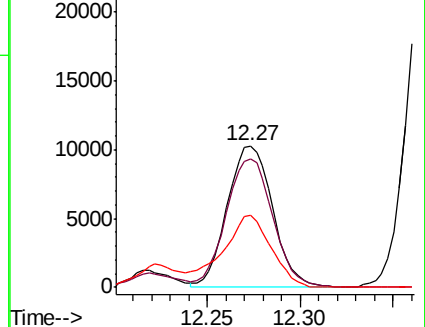
89 54.0 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.531 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064801.D

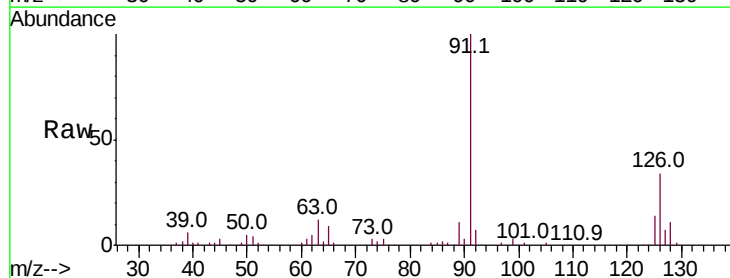
Acq: 24 Nov 2020 11:25

Tgt Ion: 91 Resp: 131682

Ion Ratio Lower Upper

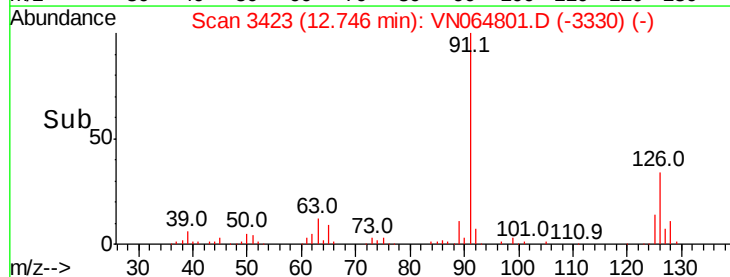
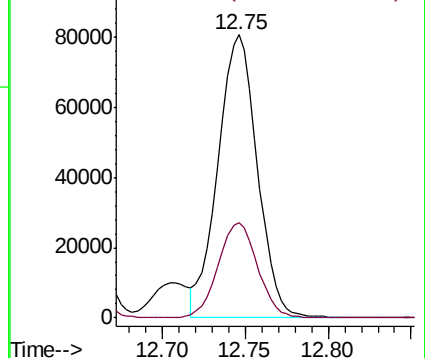
91 100

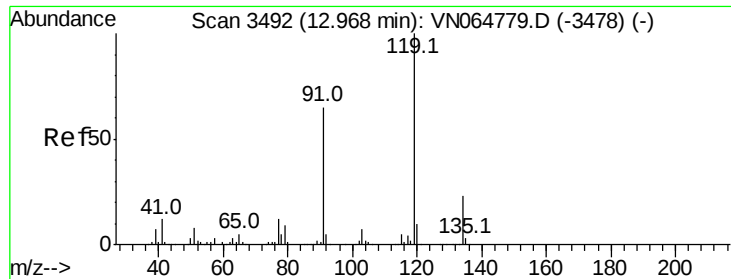
126 34.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

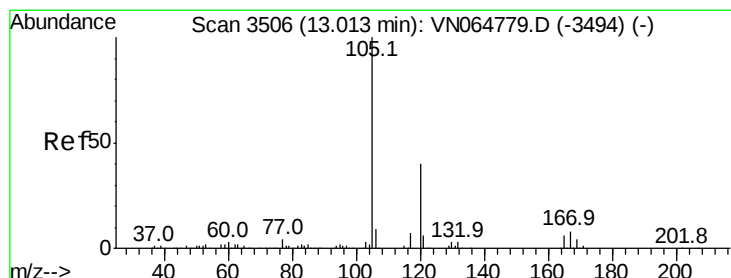
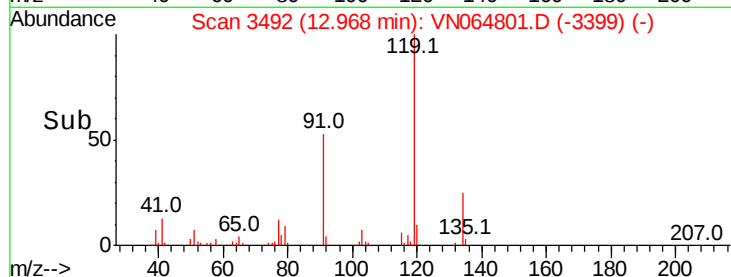
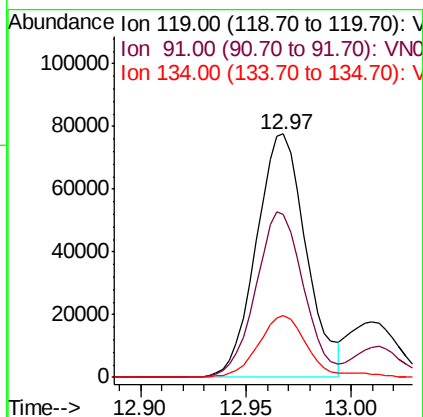
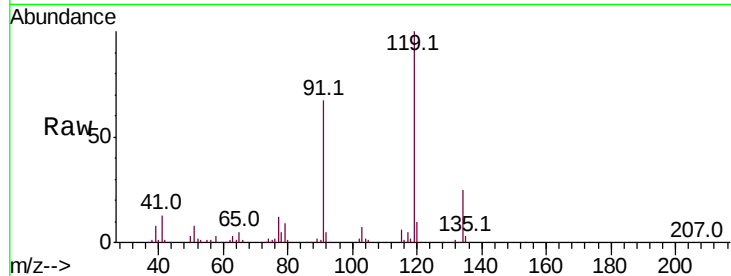




#83
tert-Butylbenzene
Concen: 19.019 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

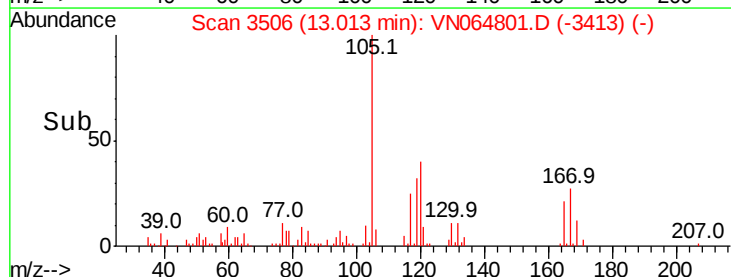
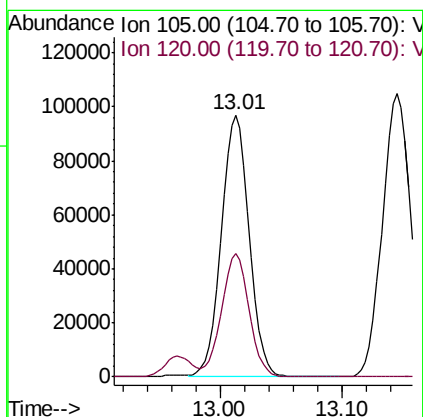
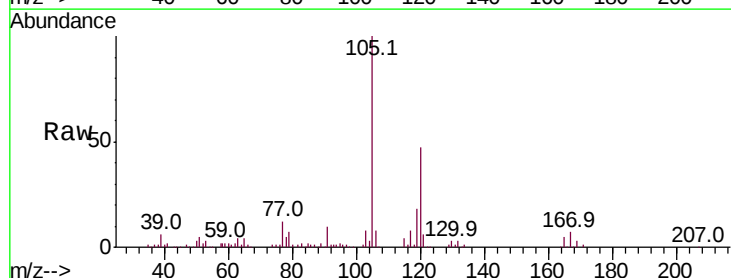
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS01

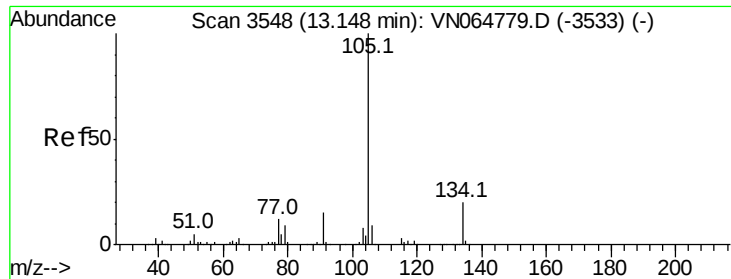
Tot Ion:119 Resp: 127566
Ion Ratio Lower Upper
119 100
91 65.6 32.3 96.8
134 25.5 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 19.247 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Tgt Ion:105 Resp: 155722
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.2

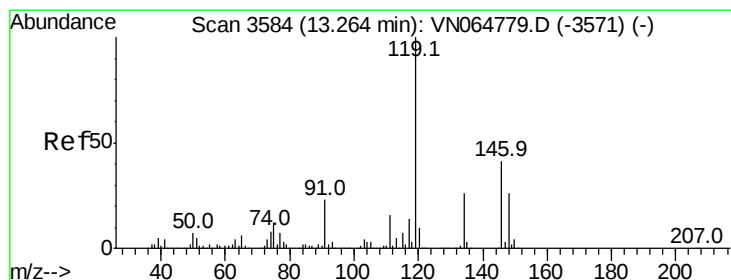
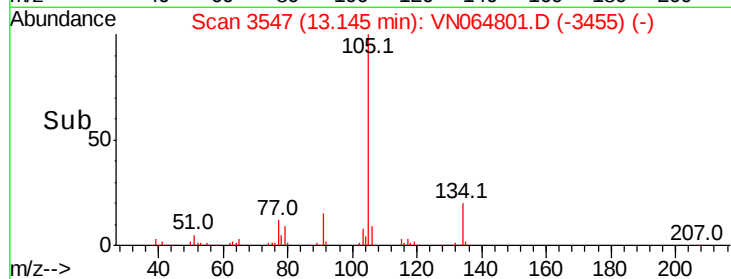
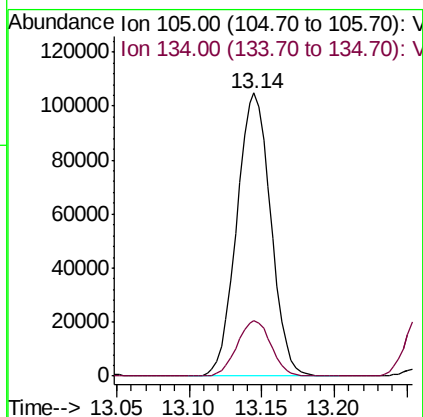
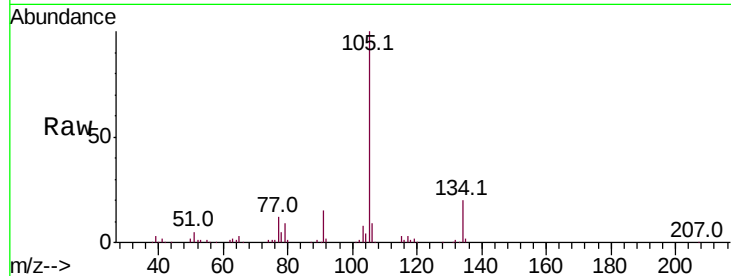




#85
 sec-Butylbenzene
 Concen: 19.148 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

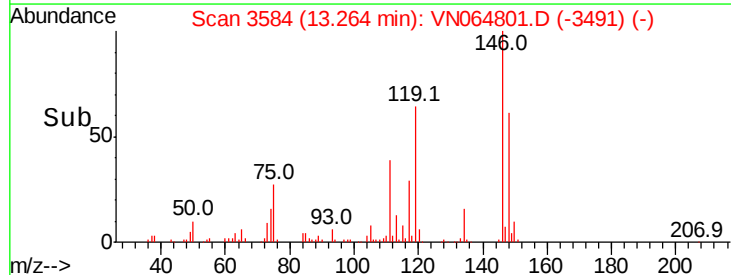
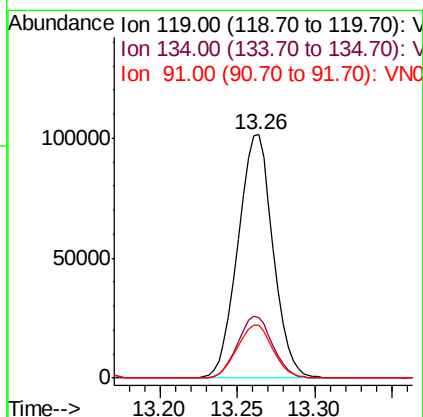
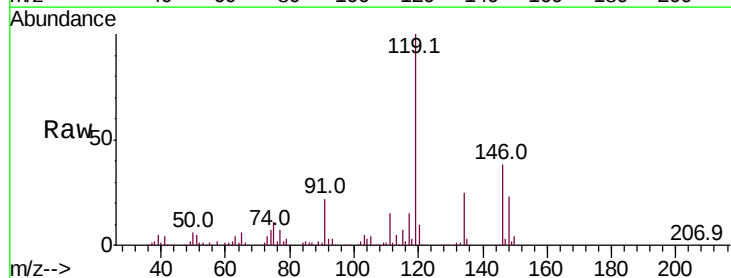
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS01

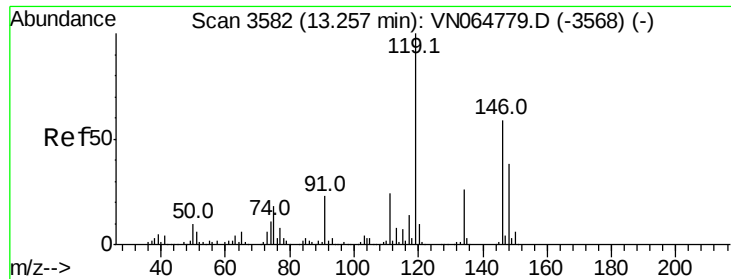
Tot Ion:105 Resp: 170522
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.717 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

Tgt Ion:119 Resp: 159862
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.1
 91 22.3 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 18.320 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS01

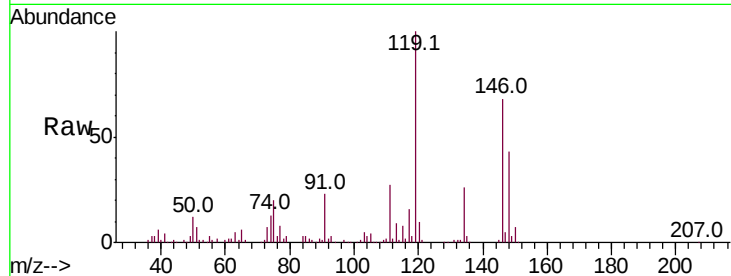
Tot Ion:146 Resp: 84480

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

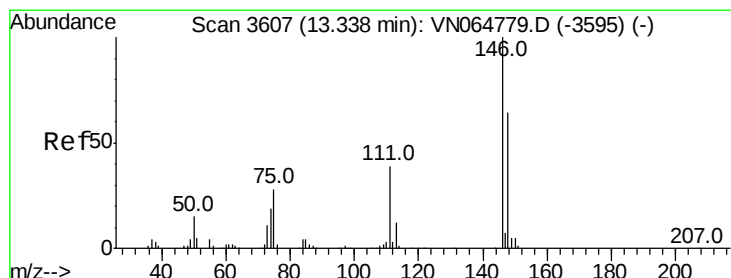
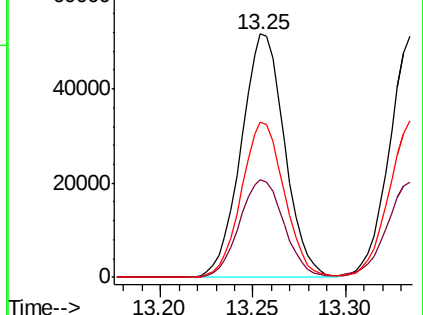
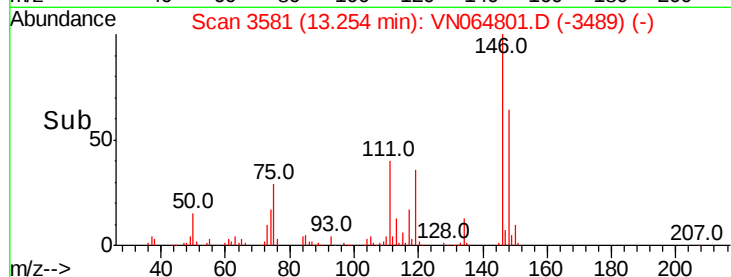
148 62.9 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.441 ug/l

RT: 13.33 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

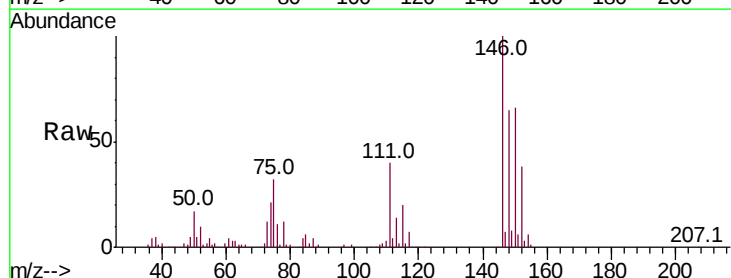
Tgt Ion:146 Resp: 85057

Ion Ratio Lower Upper

146 100

111 40.5 19.8 59.3

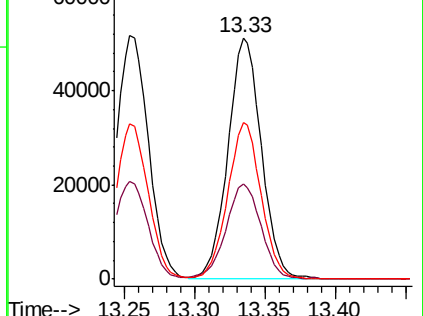
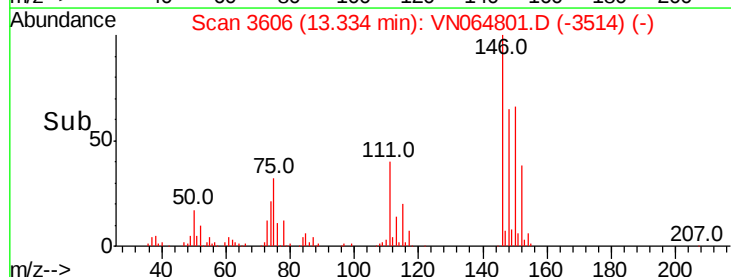
148 63.7 31.9 95.5

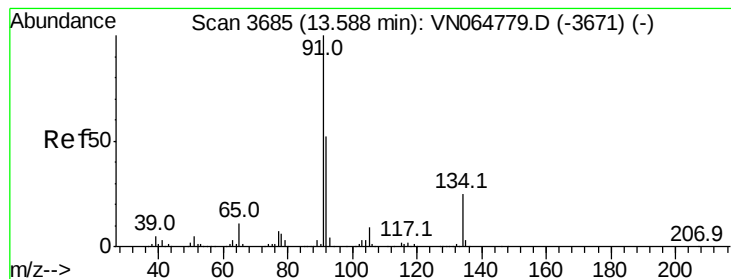


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.890 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064801.D

Acq: 24 Nov 2020 11:25

Instrument :

MSVOA_N

ClientSampled :

VN1124WBS01

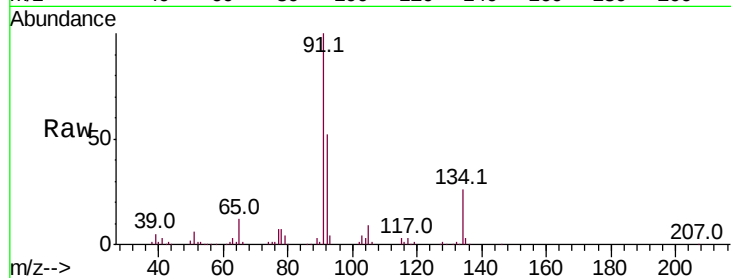
Tot Ion: 91 Resp: 127383

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

134 26.0 12.9 38.6



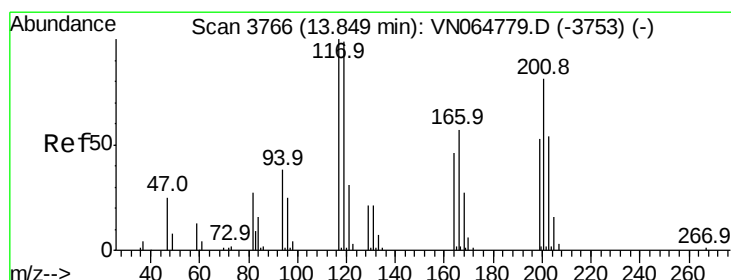
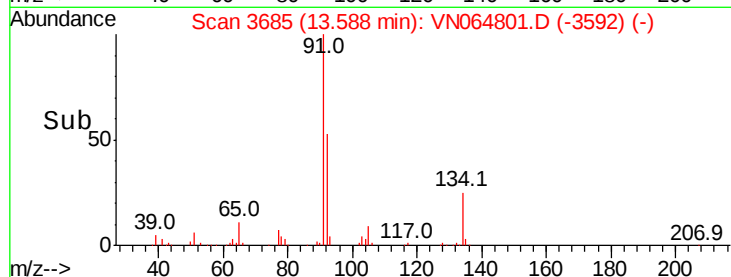
Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN064779.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN064779.D (-3671) (-)

13.59

Time-->



#90

Hexachloroethane

Concen: 18.442 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064801.D

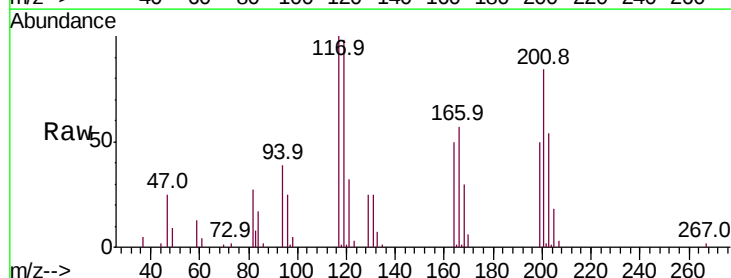
Acq: 24 Nov 2020 11:25

Tgt Ion: 117 Resp: 25976

Ion Ratio Lower Upper

117 100

201 80.8 40.1 120.3

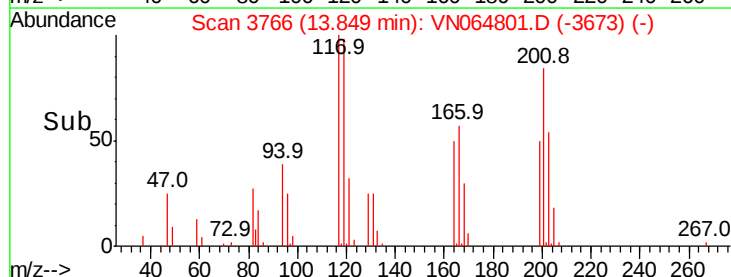


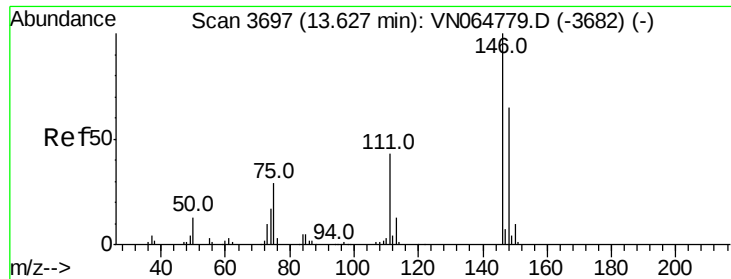
Abundance Ion 116.80 (116.50 to 117.50): VN064779.D (-3753) (-)

Ion 200.70 (200.40 to 201.40): VN064779.D (-3753) (-)

13.85

Time-->

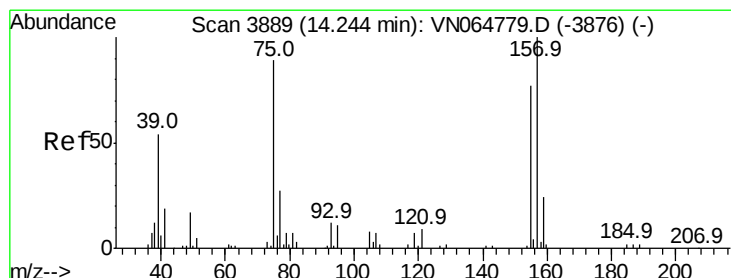
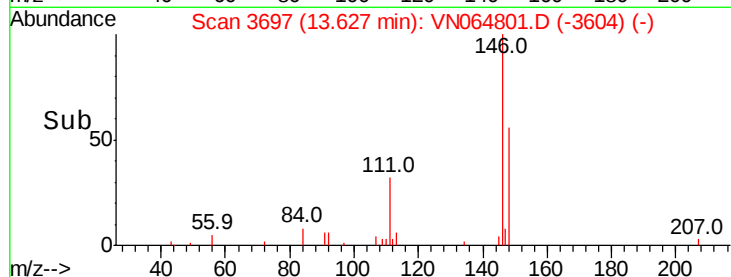
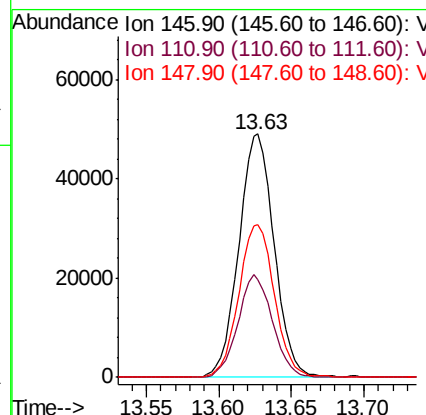
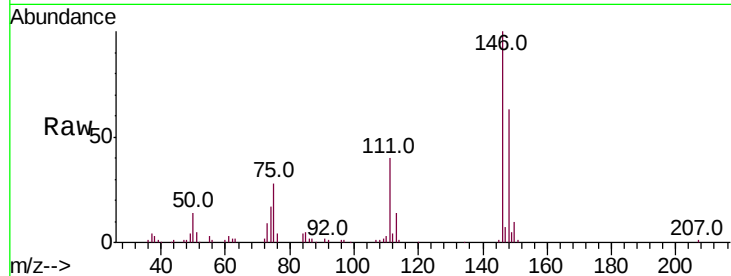




#91
 1,2-Dichlorobenzene
 Concen: 18.294 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

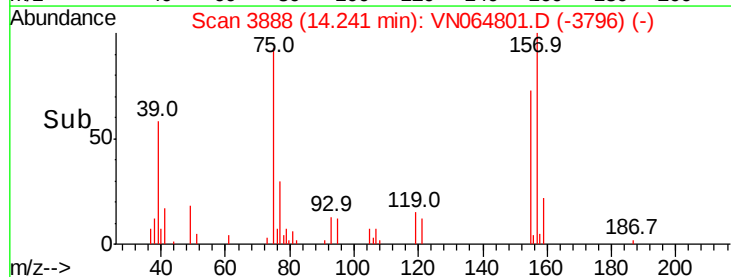
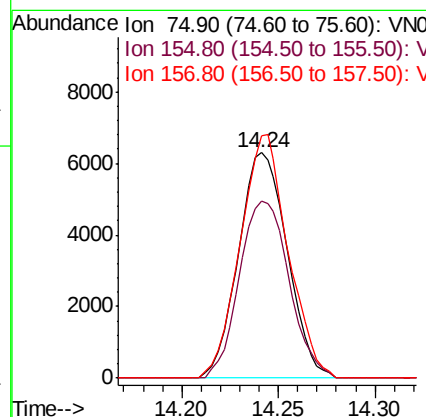
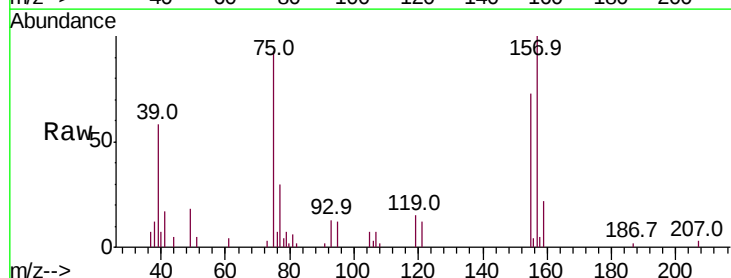
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS01

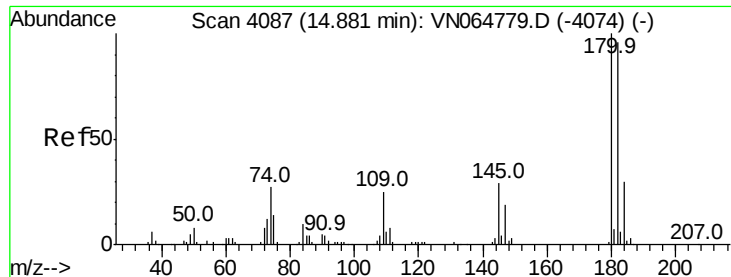
Tot Ion:146 Resp: 82833
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.1 63.1
 148 63.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.394 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

Tgt Ion: 75 Resp: 11044
 Ion Ratio Lower Upper
 75 100
 155 80.1 42.8 128.3
 157 106.0 56.4 169.1

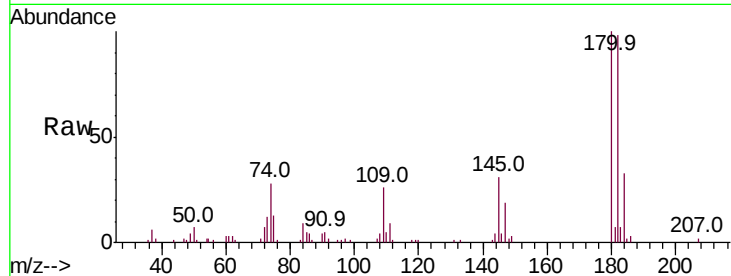




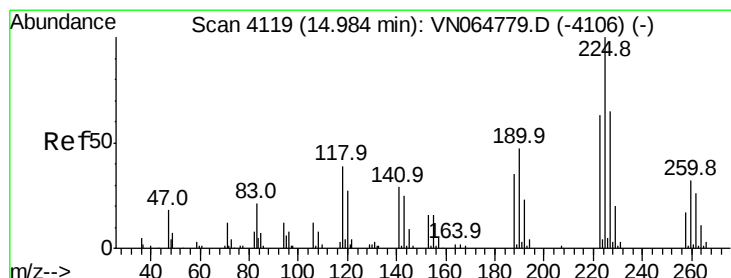
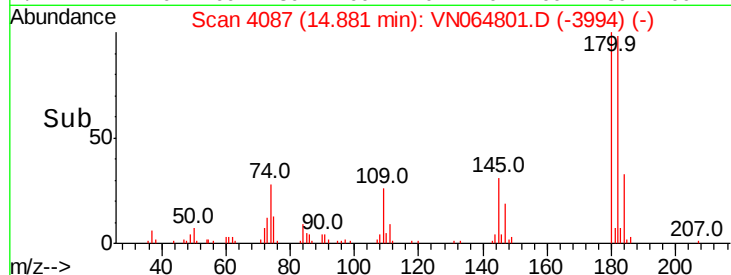
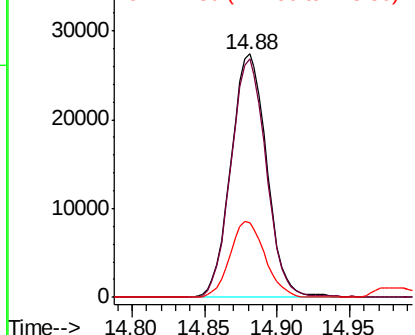
#93
 1,2,4-Trichlorobenzene
 Concen: 16.753 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS01

Tot Ion:180 Resp: 46926
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.6 142.9
 145 30.3 15.3 45.8

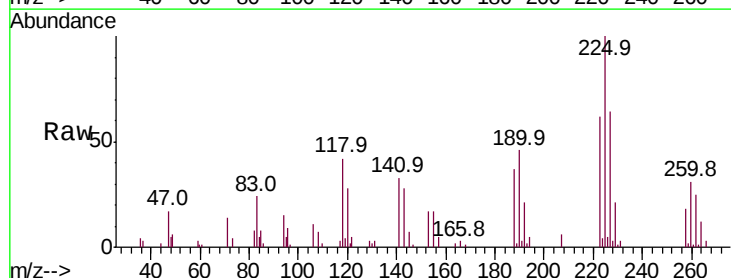


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

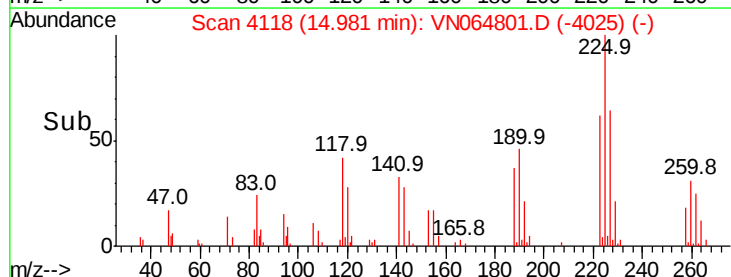
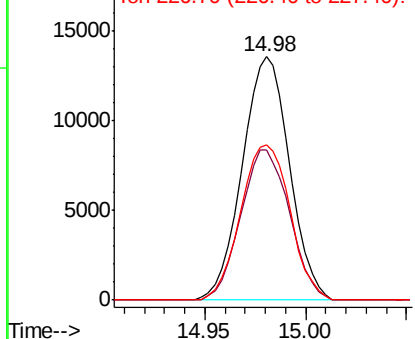


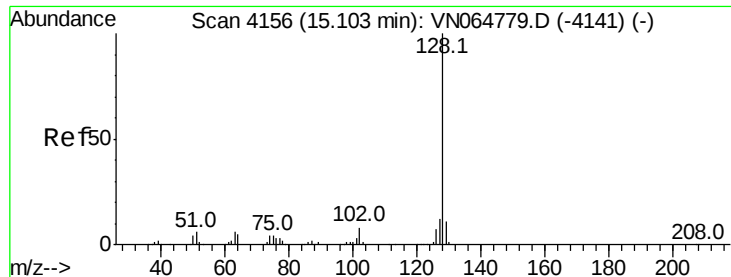
#94
 Hexachlorobutadiene
 Concen: 17.862 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064801.D
 Acq: 24 Nov 2020 11:25

Tgt Ion:225 Resp: 22226
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.0 93.0
 227 67.0 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

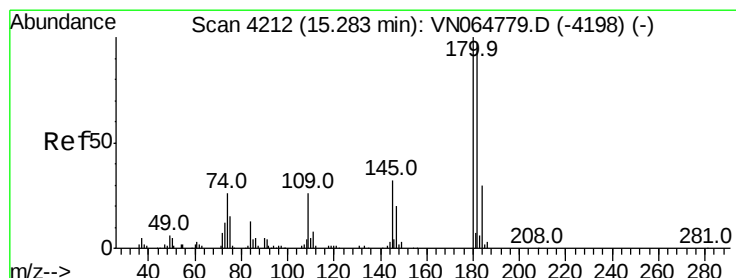
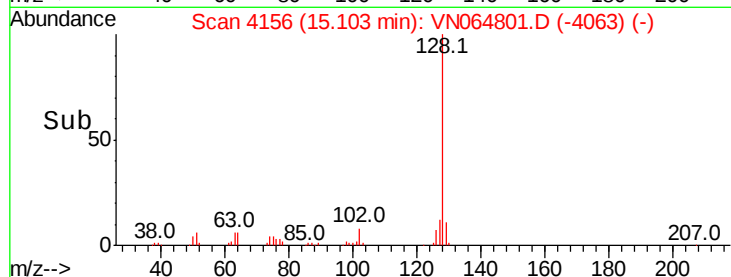
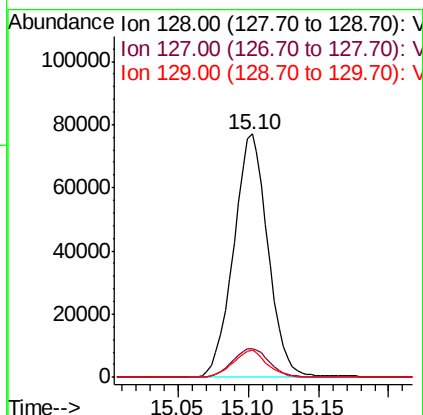
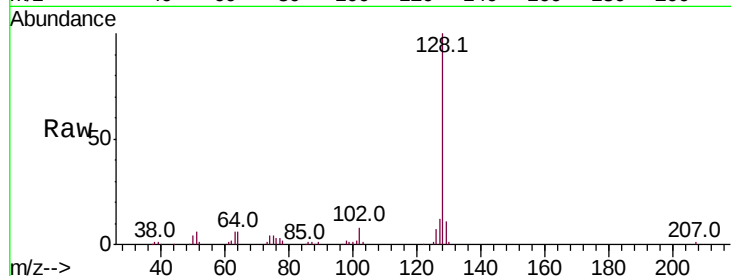




#95
Naphthalene
Concen: 15.673 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Instrument :
MSVOA_N
ClientSampled :
VN1124WBS01

Tot Ion:128 Resp: 131518
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.877 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064801.D
Acq: 24 Nov 2020 11:25

Tgt Ion:180 Resp: 45138
Ion Ratio Lower Upper
180 100
182 95.8 48.1 144.4
145 32.0 16.4 49.1

