

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064847.D
 Acq On : 25 Nov 2020 11:00
 Operator : JC/MD
 Sample : VN1125WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Quant Time: Nov 26 03:40:09 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	206326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	322418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	294756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140203	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	118533	49.42	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.84%	
35) Dibromofluoromethane		7.55	113	105513	54.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.38%	
50) Toluene-d8		10.06	98	401904	50.99	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.98%	
62) 4-Bromofluorobenzene		12.37	95	141417	50.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	31423	17.573	ug/l	99
3) Chloromethane	2.04	50	39570	17.029	ug/l	99
4) Vinyl Chloride	2.17	62	42871	17.696	ug/l	96
5) Bromomethane	2.53	94	26523	16.687	ug/l	99
6) Chloroethane	2.68	64	27328	18.238	ug/l	96
7) Trichlorofluoromethane	2.99	101	61493	18.362	ug/l	100
8) Diethyl Ether	3.37	74	25003	18.915	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	37557	18.695	ug/l	98
10) Methyl Iodide	3.91	142	39361	15.105	ug/l	97
11) Tert butyl alcohol	4.75	59	31254	83.549	ug/l #	93
12) 1,1-Dichloroethene	3.69	96	35389	17.688	ug/l	97
13) Acrolein	3.57	56	18091	79.175	ug/l	97
14) Allyl chloride	4.27	41	57544	17.438	ug/l	98
15) Acrylonitrile	4.93	53	89299	86.412	ug/l	97
16) Acetone	3.78	43	68223	86.521	ug/l	96
17) Carbon Disulfide	4.01	76	92147	17.841	ug/l	99
18) Methyl Acetate	4.28	43	41107	17.339	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	118349	18.444	ug/l	99
20) Methylene Chloride	4.50	84	42930	17.375	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	39417	17.741	ug/l	98
22) Diisopropyl ether	5.91	45	126971	19.223	ug/l	98
23) Vinyl Acetate	5.85	43	493421	93.418	ug/l	100
24) 1,1-Dichloroethane	5.80	63	74097	18.771	ug/l	99
25) 2-Butanone	6.79	43	115502	90.362	ug/l	97
26) 2,2-Dichloropropane	6.77	77	62498	18.255	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	46386	18.553	ug/l	97
28) Bromochloromethane	7.15	49	35899	19.880	ug/l	98
29) Tetrahydrofuran	7.17	42	77517	87.854	ug/l	100
30) Chloroform	7.33	83	76430	18.776	ug/l	100
31) Cyclohexane	7.61	56	60156	17.994	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	65592	18.761	ug/l	99
36) 1,1-Dichloropropene	7.75	75	55045	18.419	ug/l	98
37) Ethyl Acetate	6.88	43	49234	17.103	ug/l	99
38) Carbon Tetrachloride	7.73	117	56753	18.251	ug/l	97

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 Misc : 5.00mL/MSVOA N/WATER
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 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)
39) Methylcyclohexane	9.05	83	58115	18.064	ug/l	96
40) Benzene	8.00	78	170966	18.669	ug/l	100
41) Methacrylonitrile	7.13	41	24255	18.260	ug/l	93
42) 1,2-Dichloroethane	8.09	62	56093	18.157	ug/l	99
43) Isopropyl Acetate	8.13	43	79293	17.118	ug/l	100
44) Trichloroethene	8.80	130	48369	17.901	ug/l	98
45) 1,2-Dichloropropane	9.08	63	45240	19.076	ug/l	95
46) Dibromomethane	9.17	93	30037	18.958	ug/l	95
47) Bromodichloromethane	9.37	83	58855	18.462	ug/l	99
48) Methyl methacrylate	9.17	41	38033	17.183	ug/l	96
49) 1,4-Dioxane	9.17	88	14625	349.592	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	248846	89.483	ug/l	99
52) Toluene	10.12	92	106632	18.907	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	63483	17.879	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	70709	18.579	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	43128	18.597	ug/l	97
56) Ethyl methacrylate	10.40	69	58430	18.258	ug/l	98
57) 1,3-Dichloropropane	10.68	76	71026	18.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	164895	93.670	ug/l	100
59) 2-Hexanone	10.72	43	181351	90.612	ug/l	98
60) Dibromochloromethane	10.87	129	47521	18.434	ug/l	99
61) 1,2-Dibromoethane	10.97	107	43271	18.365	ug/l	97
64) Tetrachloroethene	10.60	164	49634	17.308	ug/l	99
65) Chlorobenzene	11.41	112	116490	18.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	43225	18.582	ug/l	97
67) Ethyl Benzene	11.48	91	194738	18.416	ug/l	100
68) m/p-Xylenes	11.59	106	153924	38.447	ug/l	97
69) o-Xylene	11.92	106	72140	18.988	ug/l	100
70) Styrene	11.94	104	122917	19.165	ug/l	99
71) Bromoform	12.10	173	31390	16.895	ug/l #	97
73) Isopropylbenzene	12.22	105	194526	19.947	ug/l	99
74) N-amyl acetate	12.04	43	68494	17.847	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	55379	19.374	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	76007	25.173	ug/l #	100
77) Bromobenzene	12.50	156	49961	19.003	ug/l	98
78) n-propylbenzene	12.56	91	215183	19.369	ug/l	98
79) 2-Chlorotoluene	12.65	91	131244	19.111	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	163074	20.118	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	18537	16.826	ug/l	90
82) 4-Chlorotoluene	12.75	91	136267	18.931	ug/l	100
83) tert-Butylbenzene	12.97	119	137280	20.205	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	163641	19.967	ug/l	100
85) sec-Butylbenzene	13.14	105	179123	19.856	ug/l	98
86) p-Isopropyltoluene	13.26	119	164510	20.030	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	86292	18.474	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	87782	17.770	ug/l	99
89) n-Butylbenzene	13.59	91	130912	18.150	ug/l	99
90) Hexachloroethane	13.85	117	27833	19.508	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	85477	18.636	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10446	16.242	ug/l	97

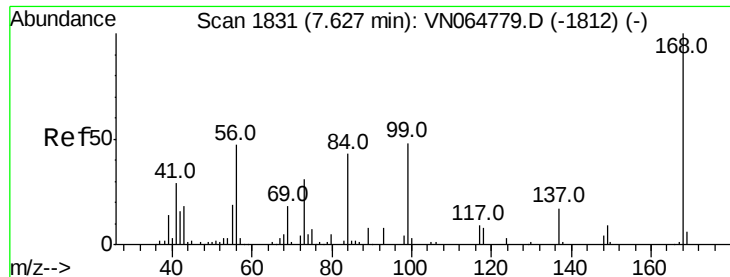
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
Data File : VN064847.D
Acq On : 25 Nov 2020 11:00
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VN1125WBS01

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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)
93) 1,2,4-Trichlorobenzene	14.88	180	47228	16.646	ug/l	99
94) Hexachlorobutadiene	14.98	225	23919	18.954	ug/l	98
95) Naphthalene	15.10	128	137280	16.150	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	45393	17.759	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: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

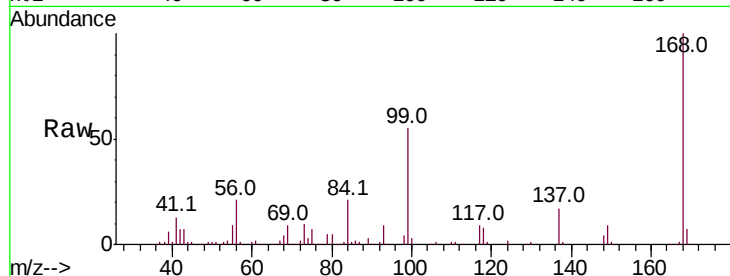
VN1125WBS01

Tot Ion:168 Resp: 206326

Ion Ratio Lower Upper

168 100

99 54.4 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

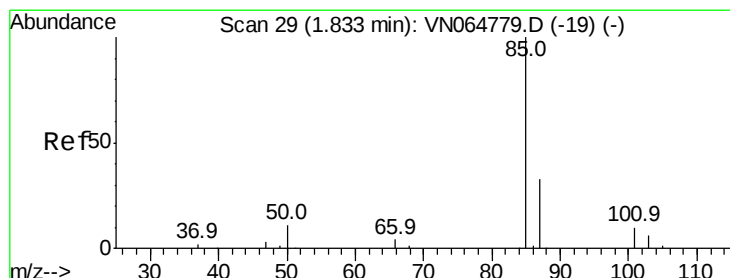
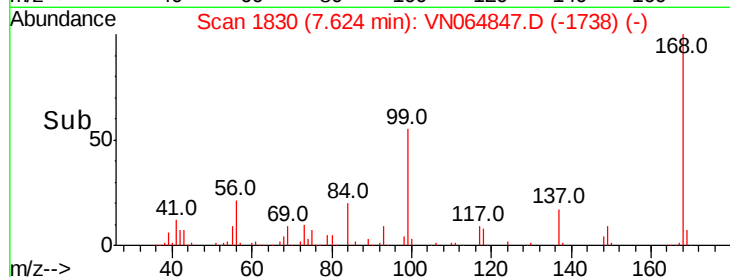
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.573 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064847.D

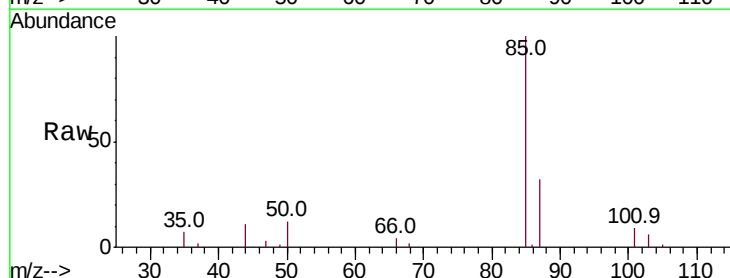
Acq: 25 Nov 2020 11:00

Tgt Ion: 85 Resp: 31423

Ion Ratio Lower Upper

85 100

87 32.4 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

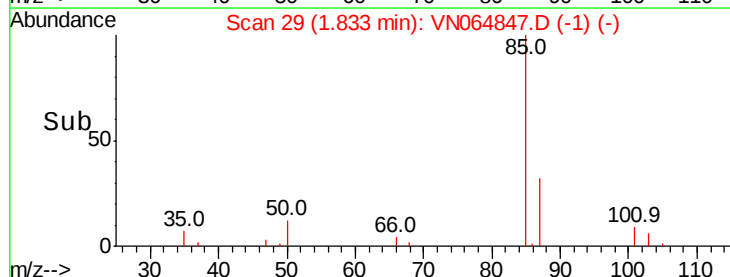
15000

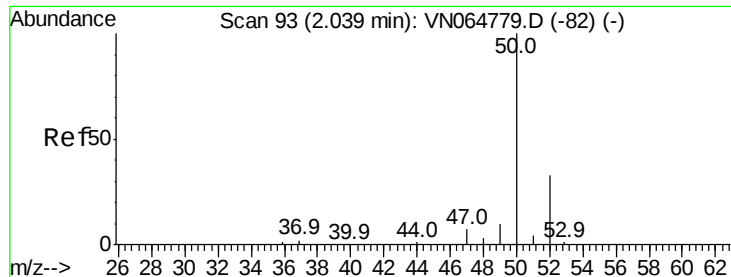
10000

5000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.029 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

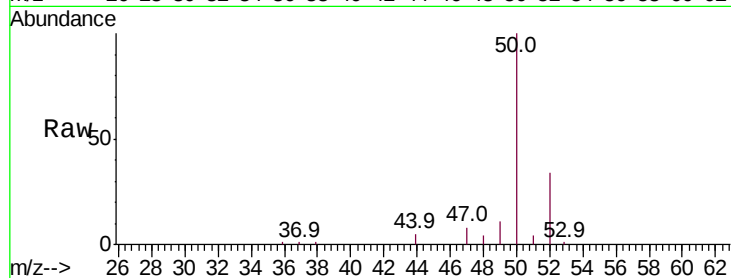
VN1125WBS01

Tot Ion: 50 Resp: 39570

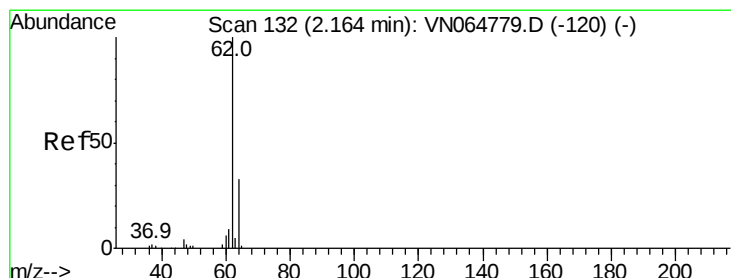
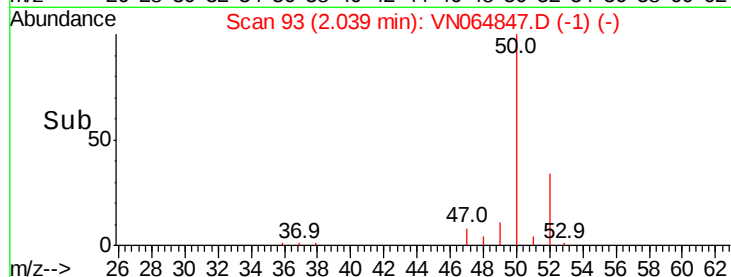
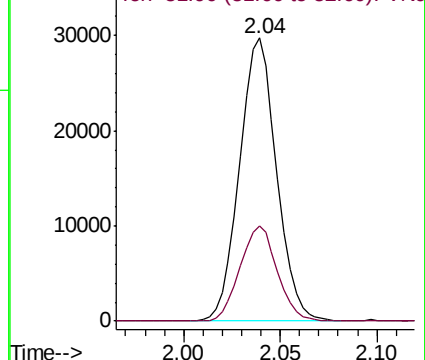
Ion Ratio Lower Upper

50 100

52 33.8 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 17.696 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064847.D

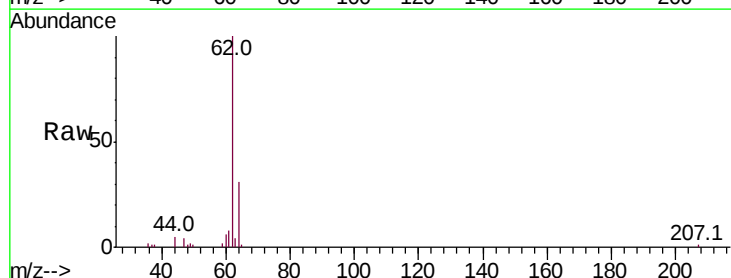
Acq: 25 Nov 2020 11:00

Tgt Ion: 62 Resp: 42871

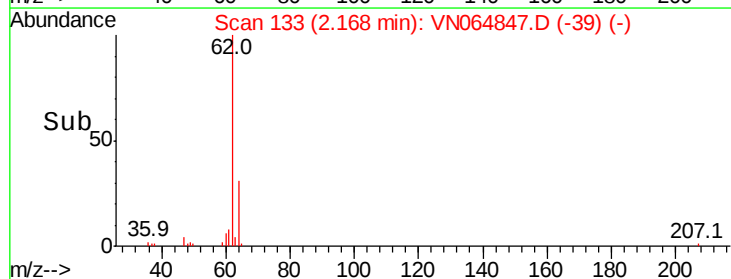
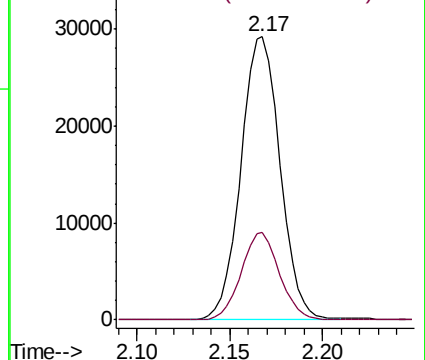
Ion Ratio Lower Upper

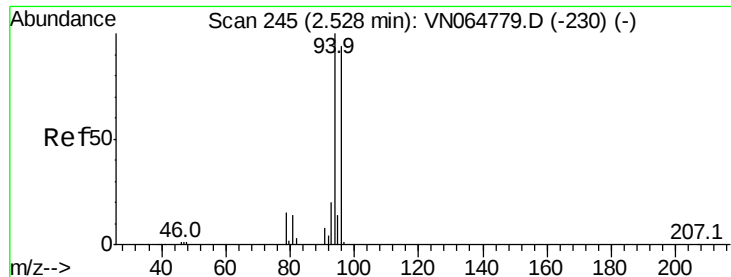
62 100

64 30.8 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 16.687 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

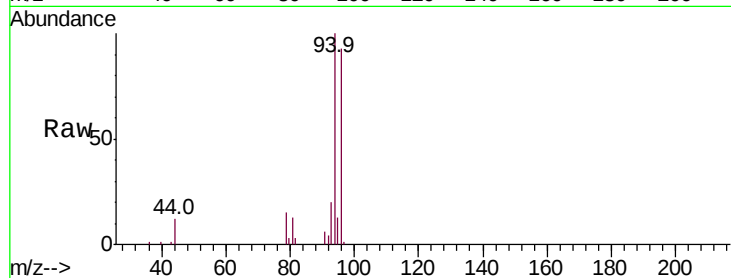
VN1125WBS01

Tot Ion: 94 Resp: 26523

Ion Ratio Lower Upper

94 100

96 93.0 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN064847.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN064847.D (-230) (-)

2.53

15000

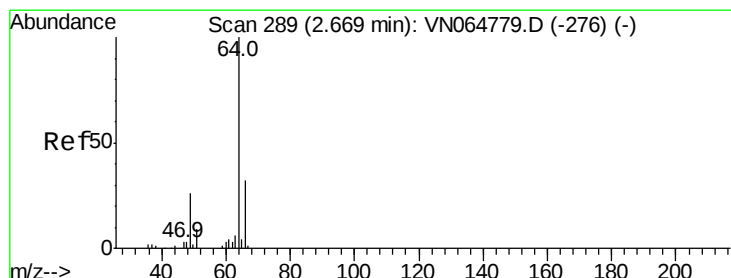
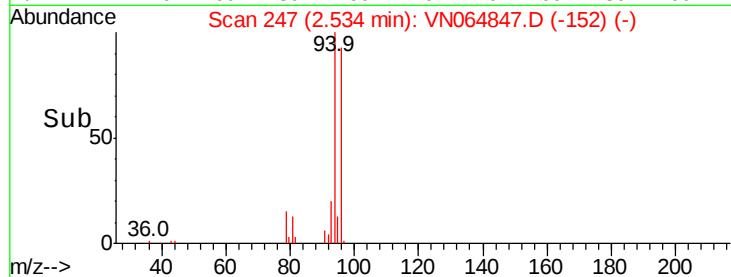
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 18.238 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064847.D

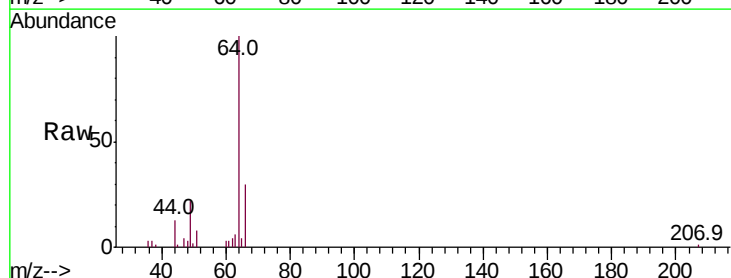
Acq: 25 Nov 2020 11:00

Tgt Ion: 64 Resp: 27328

Ion Ratio Lower Upper

64 100

66 29.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN064847.D (-276) (-)

Ion 65.90 (65.60 to 66.60): VN064847.D (-276) (-)

2.68

15000

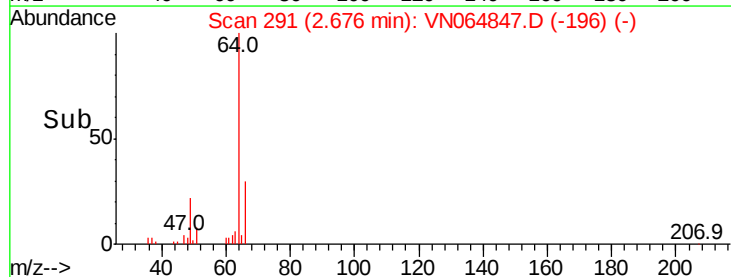
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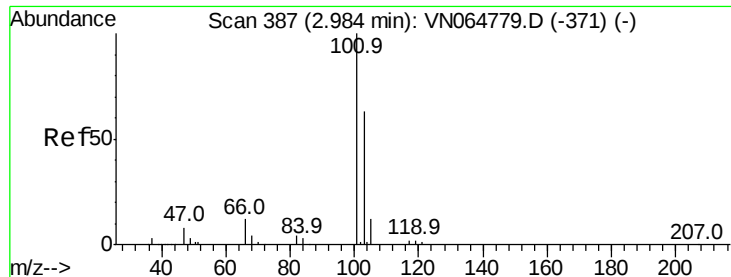
5000

0

Time-->

2.60 2.65 2.70 2.75





#7

Trichlorofluoromethane

Concen: 18.362 ug/l

RT: 2.99 min Scan# 389

Delta R.T. 0.01 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

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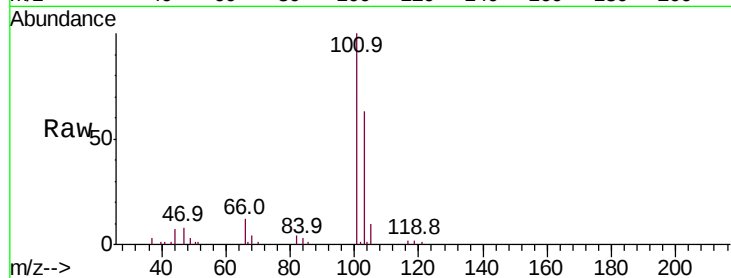
VN1125WBS01

Tot Ion:101 Resp: 61493

Ion Ratio Lower Upper

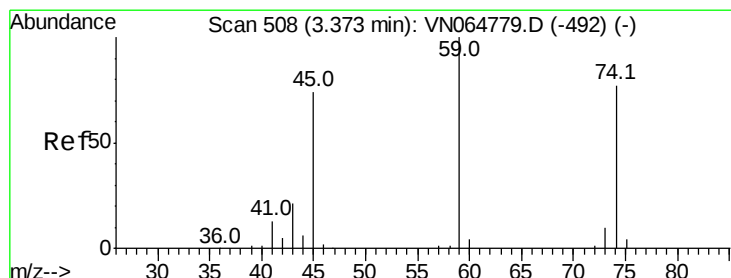
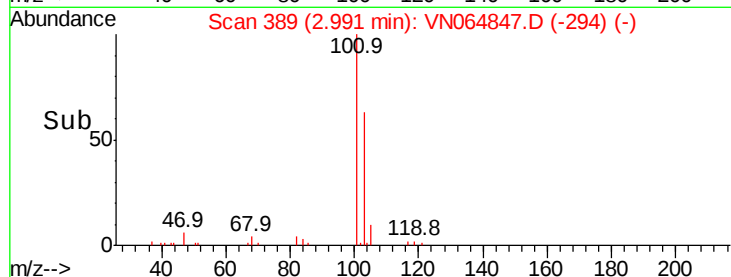
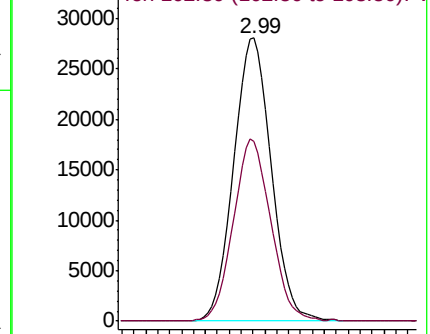
101 100

103 63.5 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.915 ug/l

RT: 3.37 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN064847.D

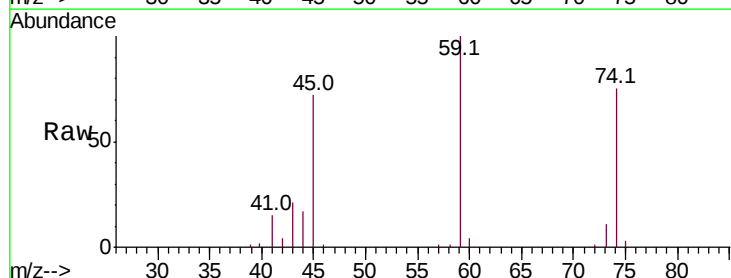
Acq: 25 Nov 2020 11:00

Tgt Ion: 74 Resp: 25003

Ion Ratio Lower Upper

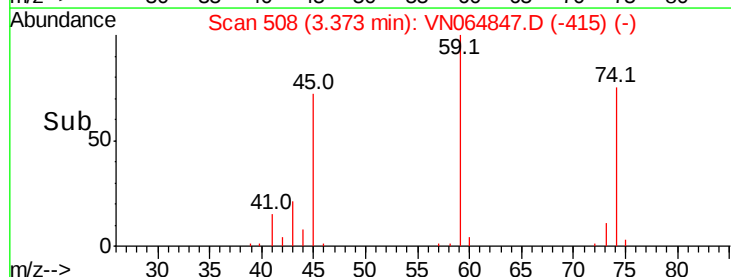
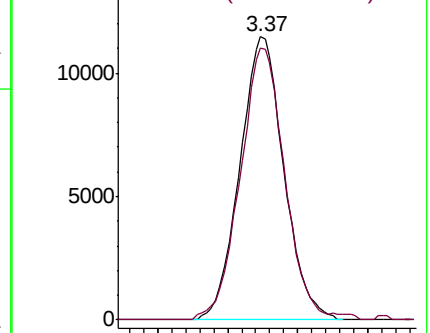
74 100

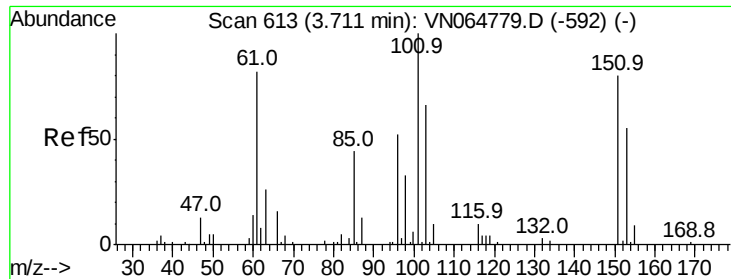
45 96.7 48.9 146.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.695 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

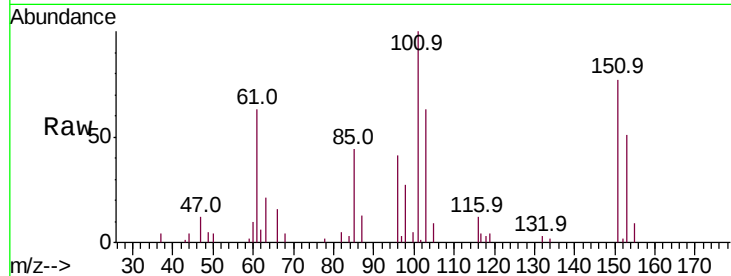
Tot Ion:101 Resp: 37557

Ion Ratio Lower Upper

101 100

85 43.1 34.4 51.6

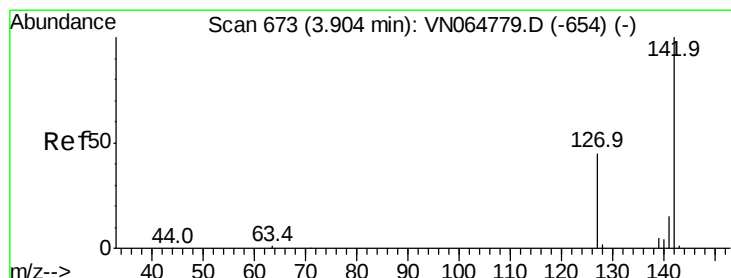
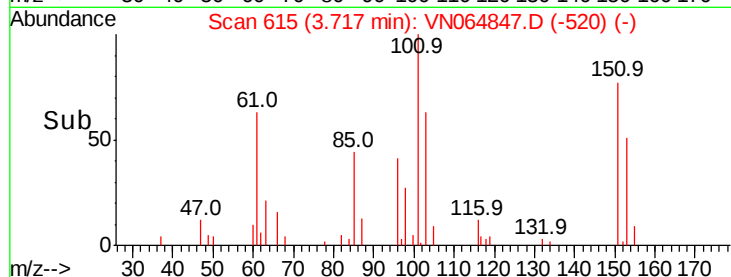
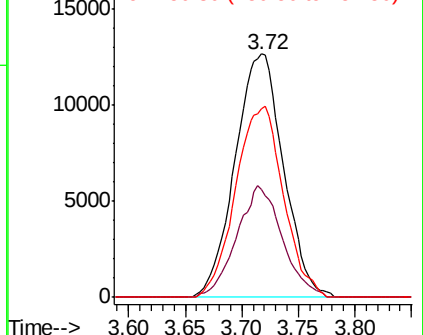
151 77.5 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.105 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

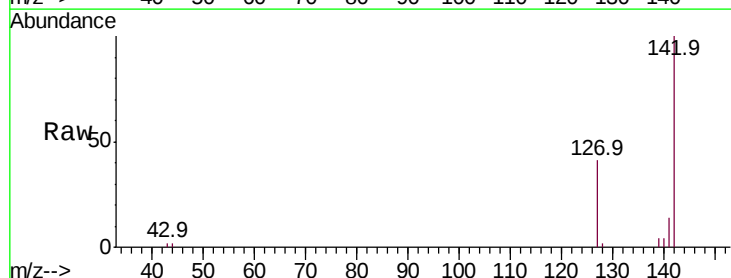
Tgt Ion:142 Resp: 39361

Ion Ratio Lower Upper

142 100

127 41.0 35.0 52.6

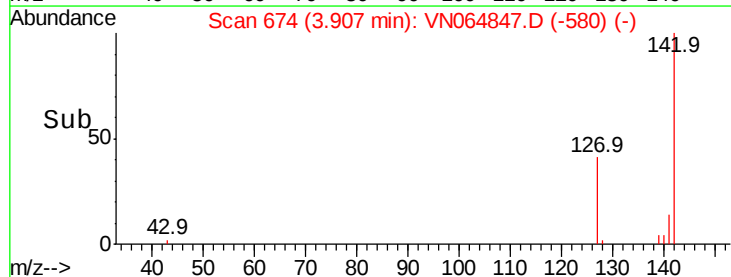
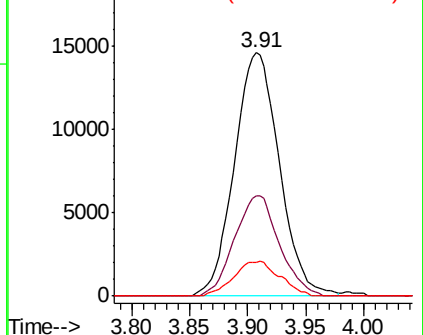
141 14.6 11.8 17.6

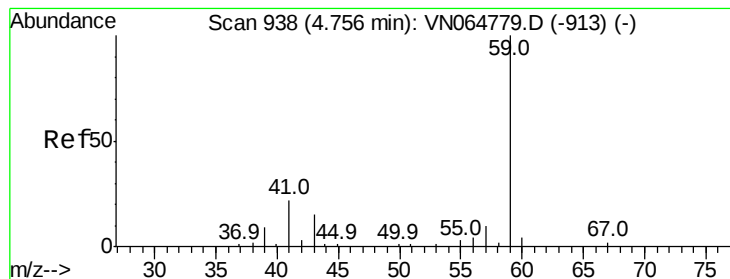


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



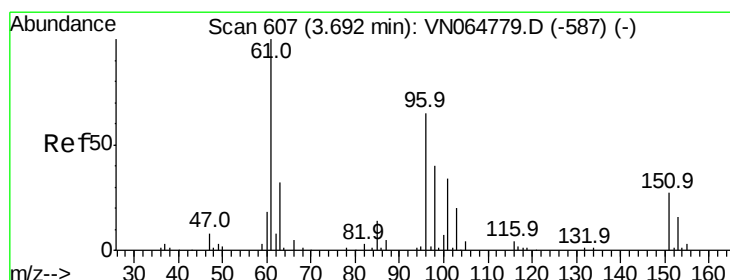
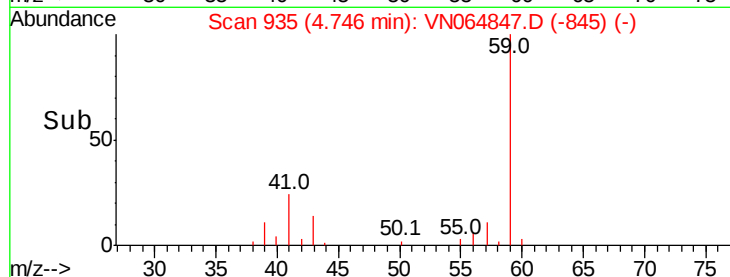
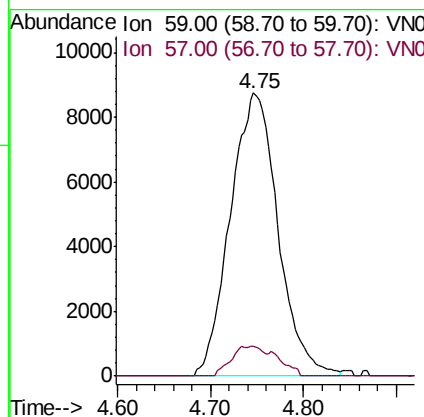
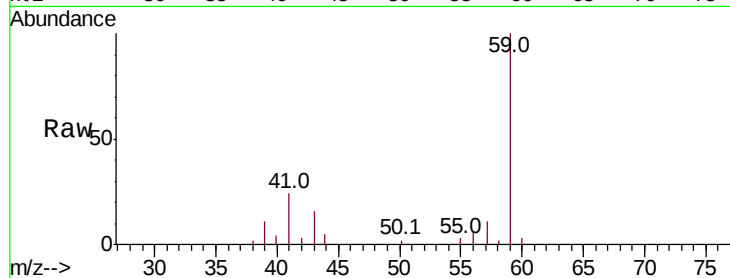


#11

Tert butyl alcohol
 Concen: 83.549 ug/l
 RT: 4.75 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

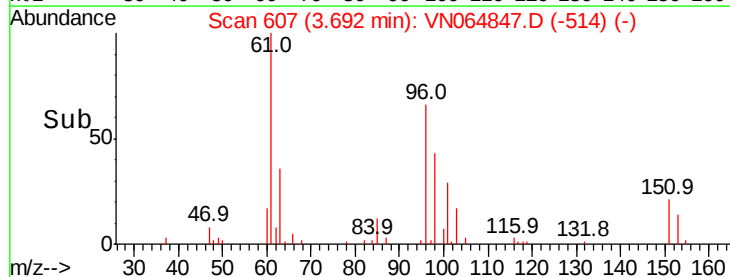
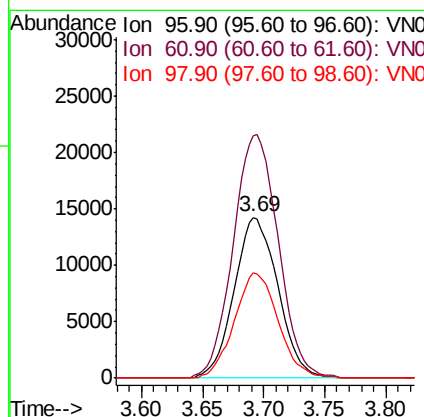
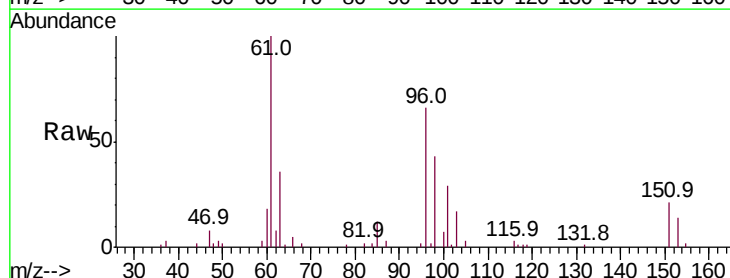
Tot Ion: 59 Resp: 31254
 Ion Ratio Lower Upper
 59 100
 57 7.5 7.9 11.9#

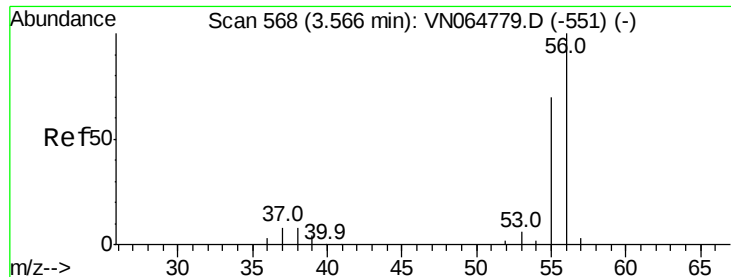


#12

1,1-Dichloroethene
 Concen: 17.688 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

Tgt Ion: 96 Resp: 35389
 Ion Ratio Lower Upper
 96 100
 61 150.5 123.4 185.2
 98 65.3 49.8 74.8





#13

Acrolein

Concen: 79.175 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

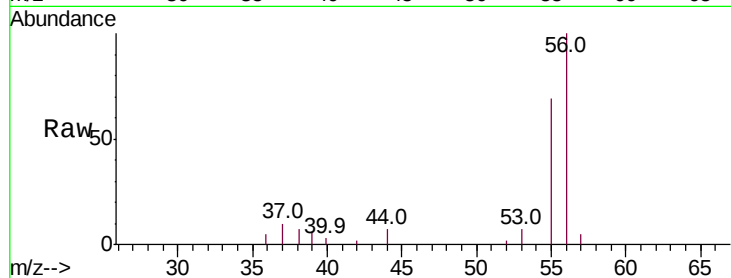
VN1125WBS01

Tot Ion: 56 Resp: 18091

Ion Ratio Lower Upper

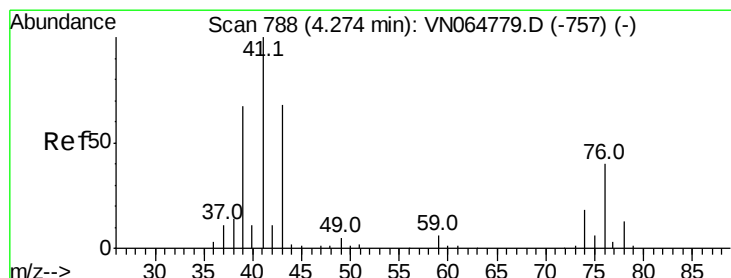
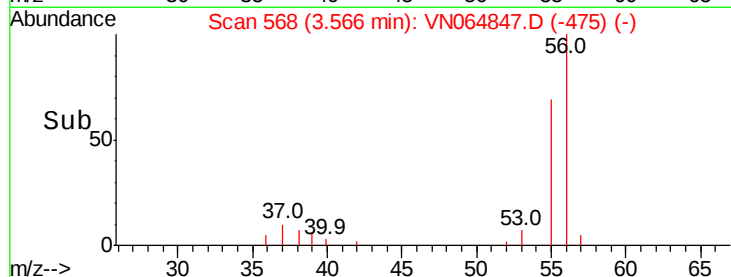
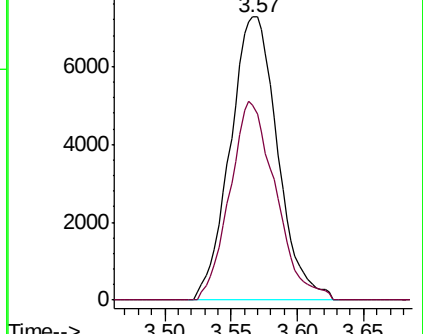
56 100

55 68.0 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: 17.438 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

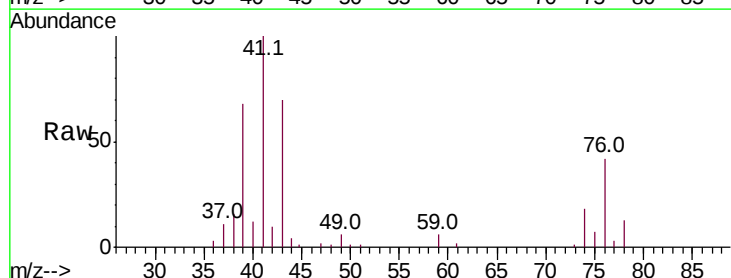
Tgt Ion: 41 Resp: 57544

Ion Ratio Lower Upper

41 100

39 64.2 50.9 76.3

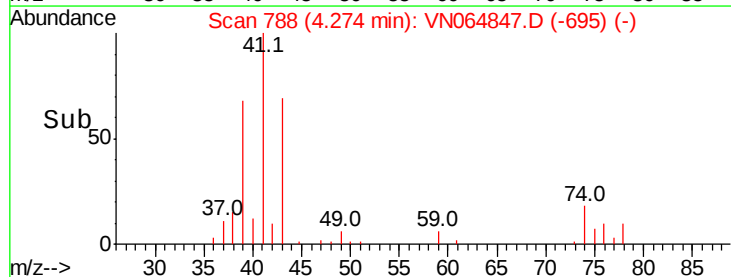
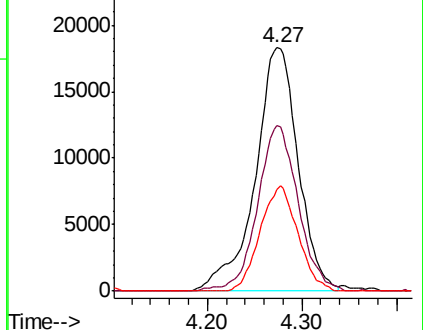
76 38.0 29.0 43.4

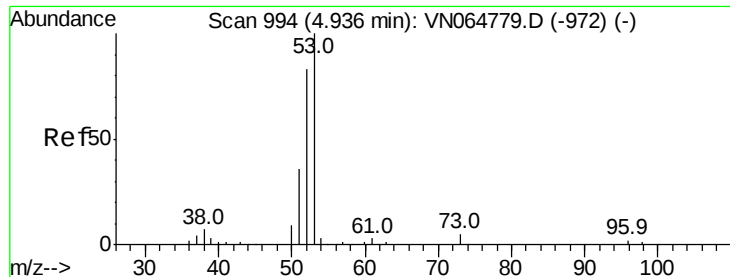


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 86.412 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

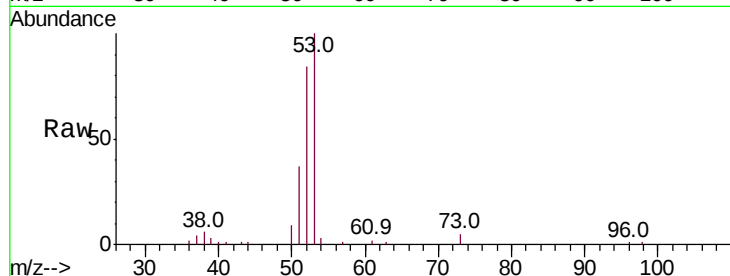
Tot Ion: 53 Resp: 89299

Ion Ratio Lower Upper

53 100

52 84.4 65.5 98.3

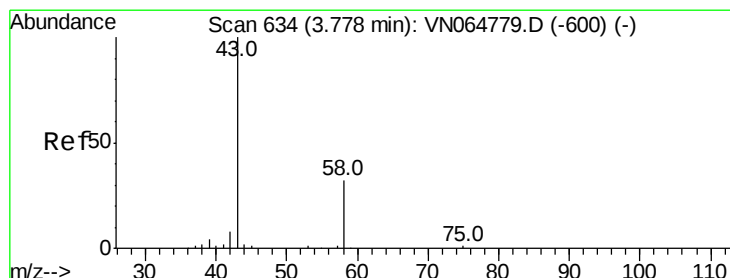
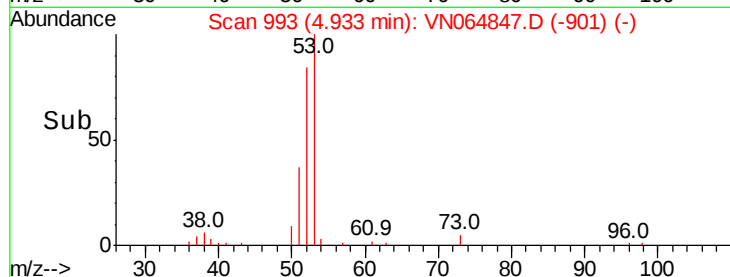
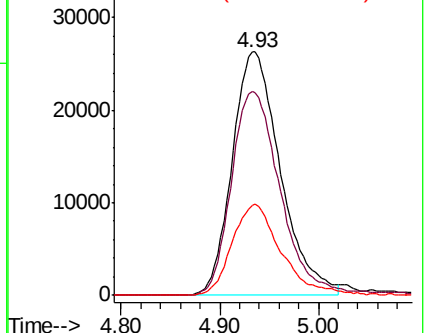
51 38.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064847.D (-993) (-)

Ion 52.00 (51.70 to 52.70): VN064847.D (-993) (-)

Ion 51.00 (50.70 to 51.70): VN064847.D (-993) (-)



#16

Acetone

Concen: 86.521 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064847.D

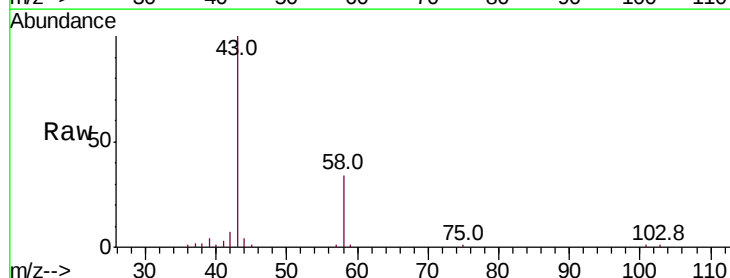
Acq: 25 Nov 2020 11:00

Tgt Ion: 43 Resp: 68223

Ion Ratio Lower Upper

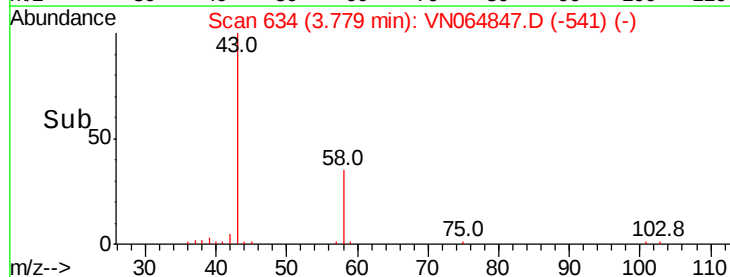
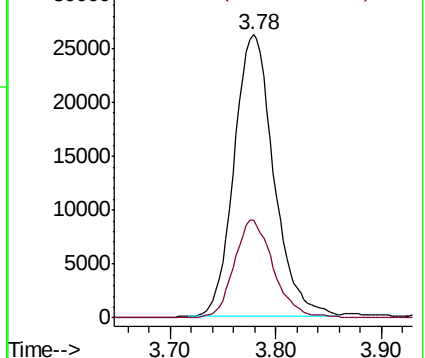
43 100

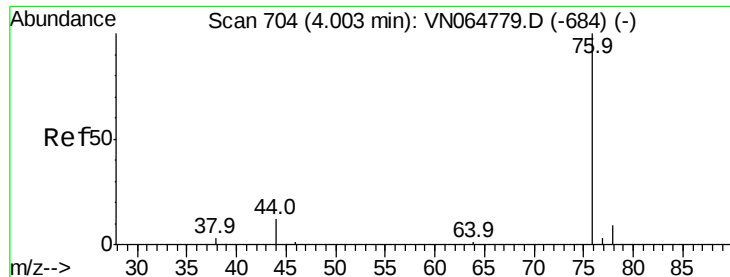
58 34.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064847.D (-634) (-)

Ion 58.00 (57.70 to 58.70): VN064847.D (-634) (-)

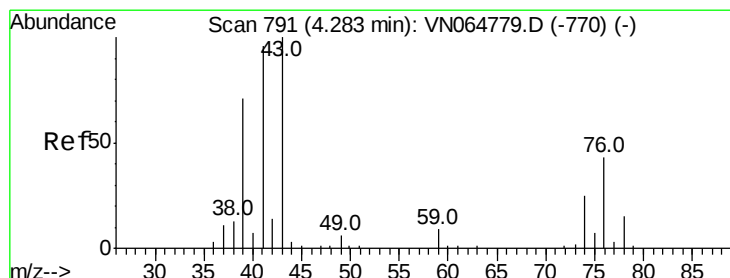
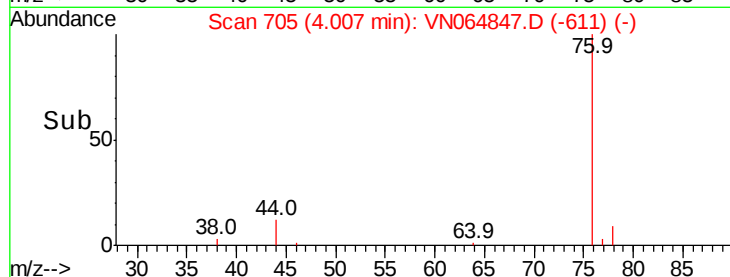
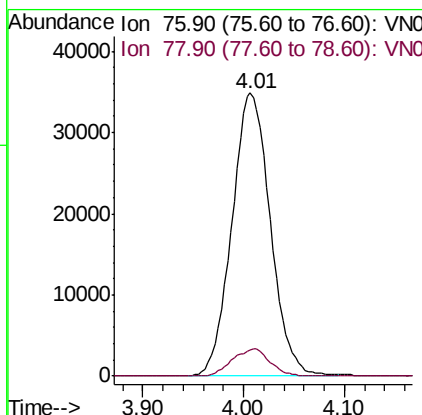
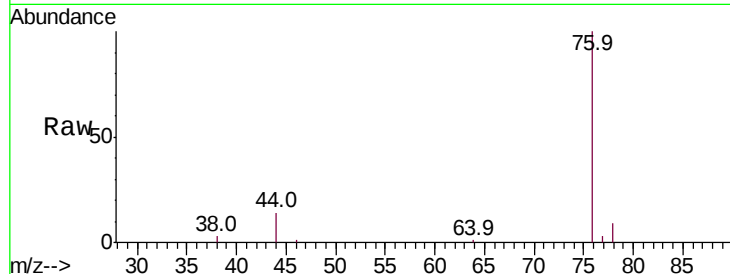




#17
Carbon Disulfide
Concen: 17.841 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

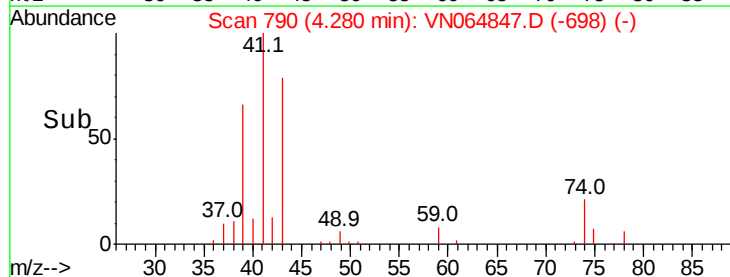
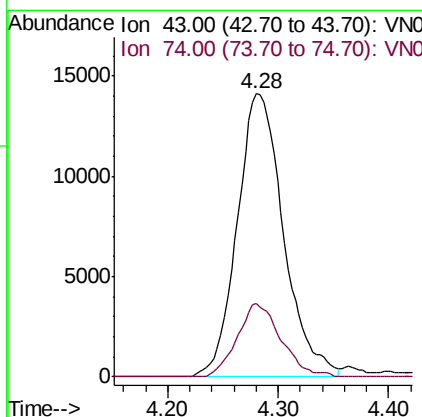
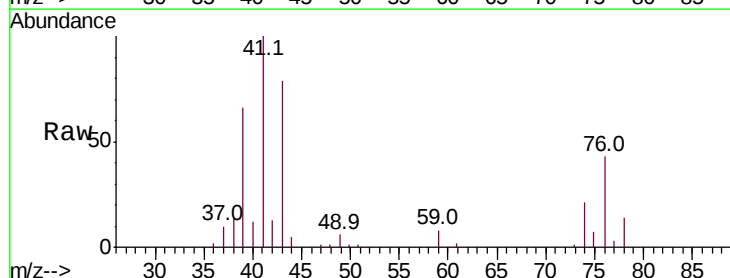
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

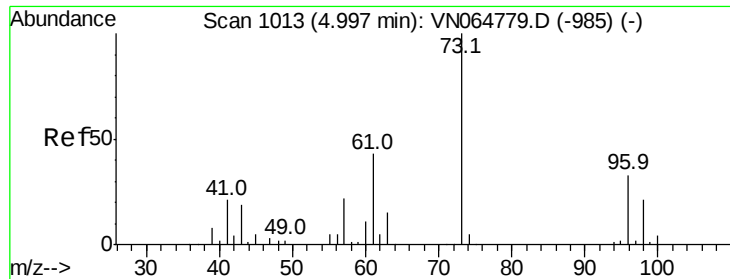
Tot Ion: 76 Resp: 92147
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 17.339 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Tgt Ion: 43 Resp: 41107
Ion Ratio Lower Upper
43 100
74 24.5 20.2 30.2

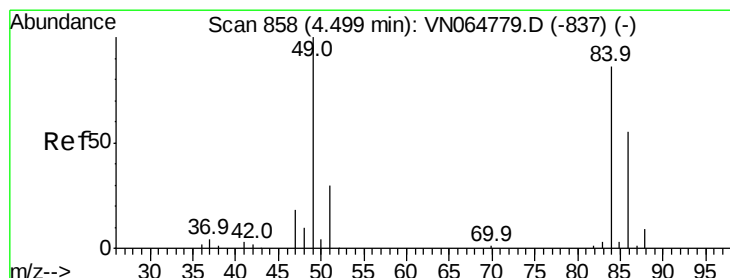
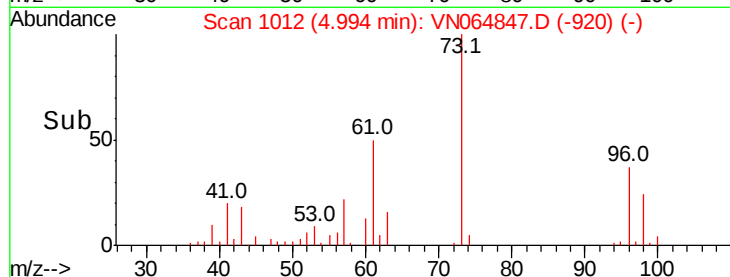
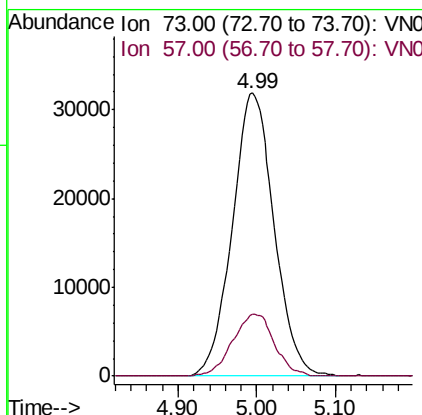
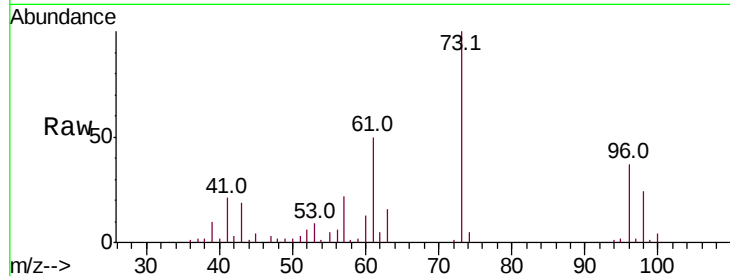




#19
Methvl tert-butvl Ether
Concen: 18.444 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

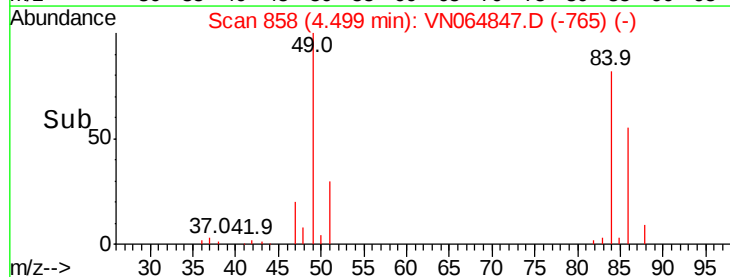
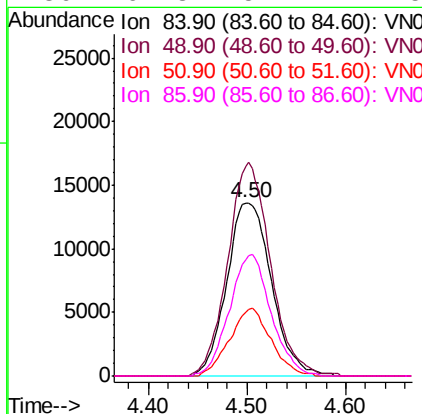
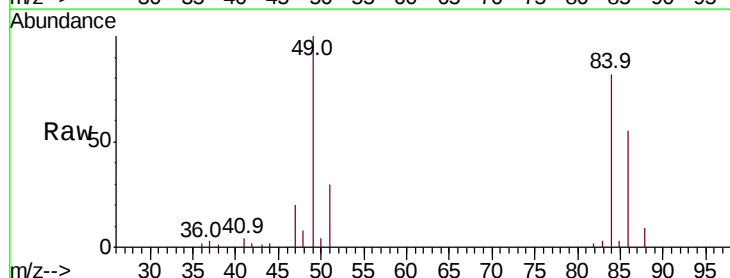
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

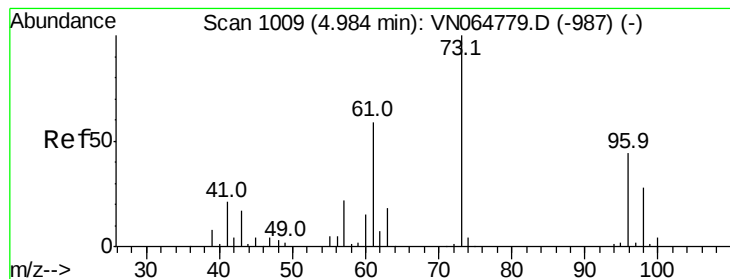
Tot Ion: 73 Resp: 118349
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0



#20
Methylene Chloride
Concen: 17.375 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Tgt Ion: 84 Resp: 42930
Ion Ratio Lower Upper
84 100
49 121.4 93.4 140.0
51 37.0 28.2 42.4
86 67.3 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 17.741 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

VN1125WBS01

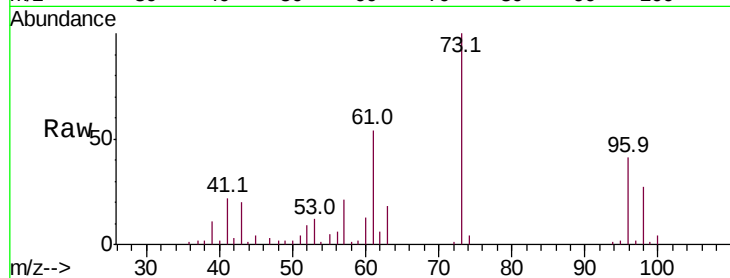
Tot Ion: 96 Resp: 39417

Ion Ratio Lower Upper

96 100

61 131.5 108.4 162.6

98 64.6 51.3 76.9

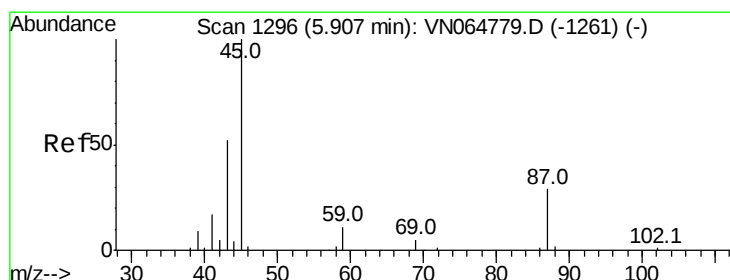
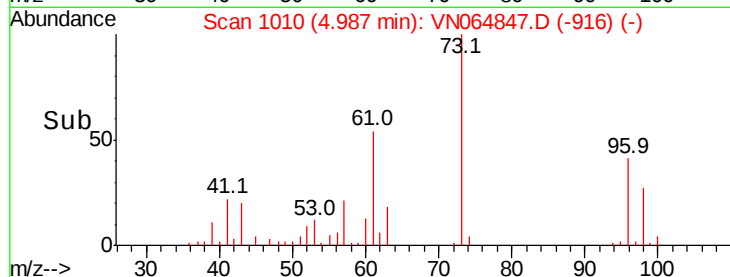
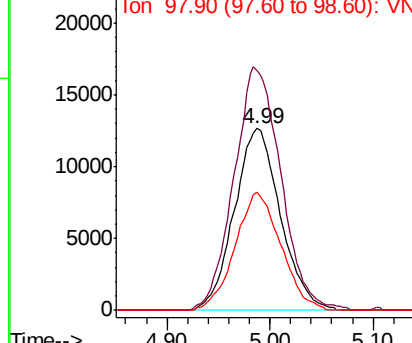


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.223 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Tgt Ion: 45 Resp: 126971

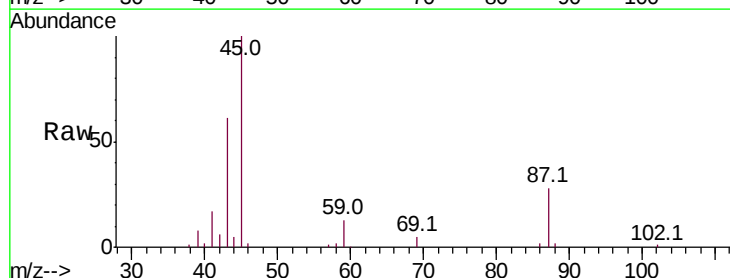
Ion Ratio Lower Upper

45 100

43 57.5 46.2 69.2

87 27.9 24.1 36.1

59 13.3 9.0 13.4



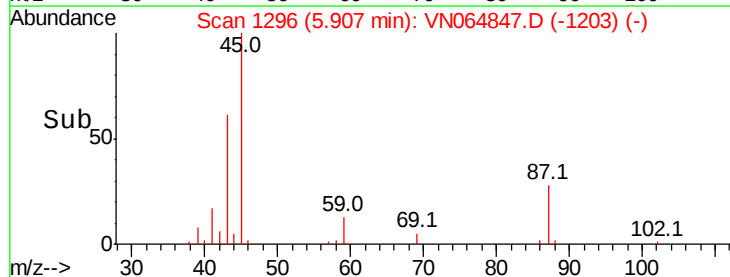
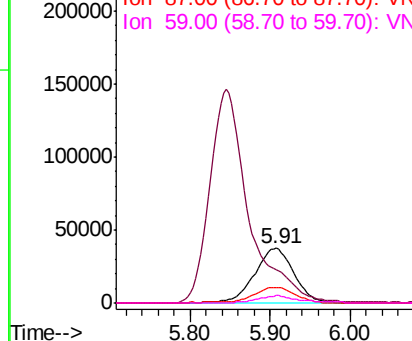
Abundance

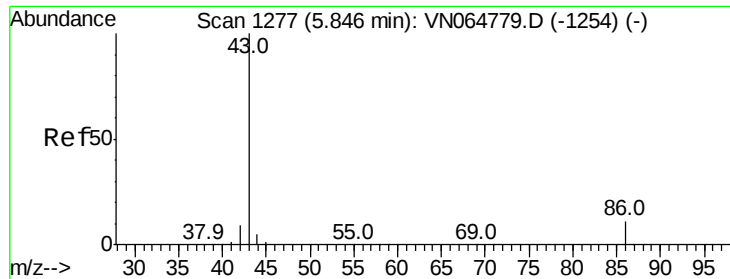
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 93.418 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

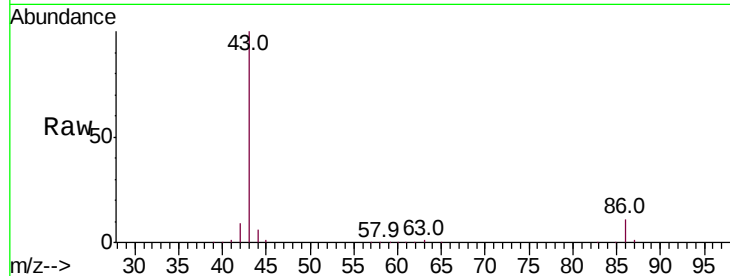
VN1125WBS01

Tot Ion: 43 Resp: 493421

Ion Ratio Lower Upper

43 100

86 11.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064847.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN064847.D (-1254) (-)

5.85

150000

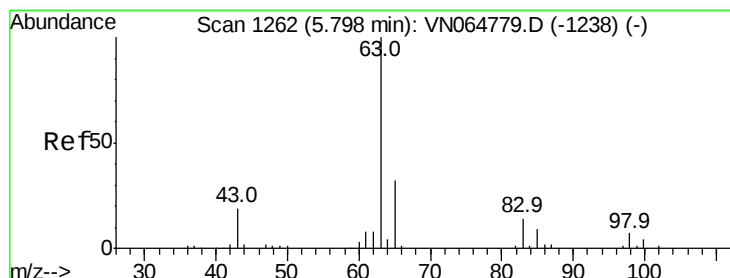
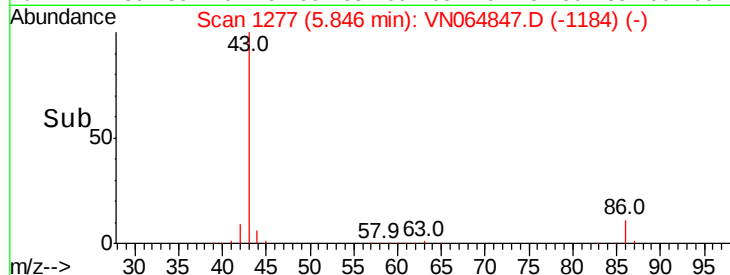
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.771 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

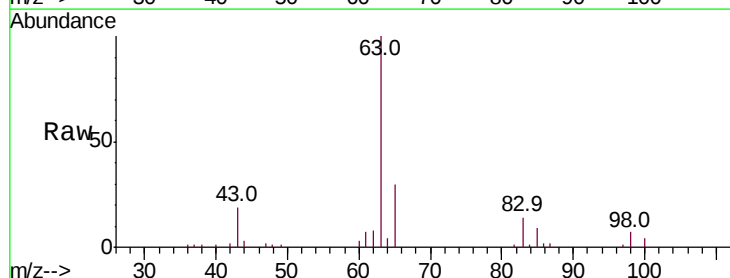
Tgt Ion: 63 Resp: 74097

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.0 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064847.D (-1238) (-)

Ion 97.90 (97.60 to 98.60): VN064847.D (-1238) (-)

Ion 99.90 (99.60 to 100.60): VN064847.D (-1238) (-)

5.80

30000

25000

20000

15000

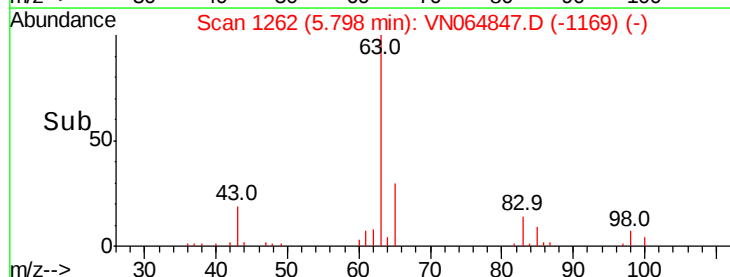
10000

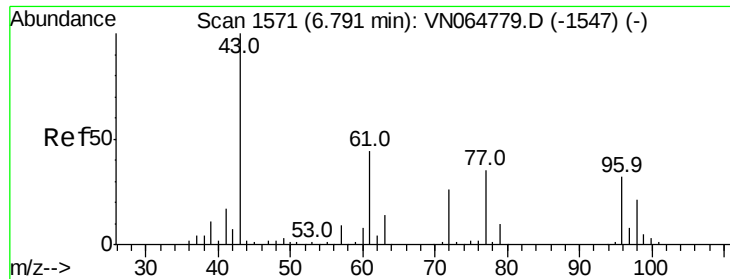
5000

0

5.70 5.80 5.90

Time-->

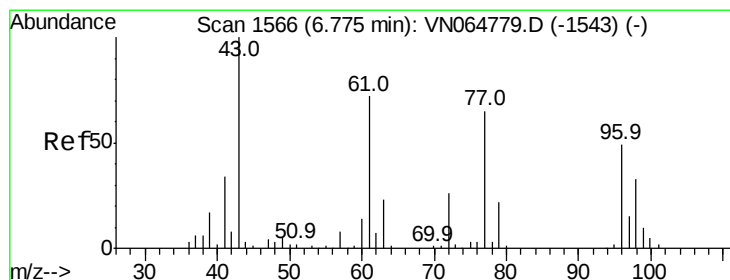
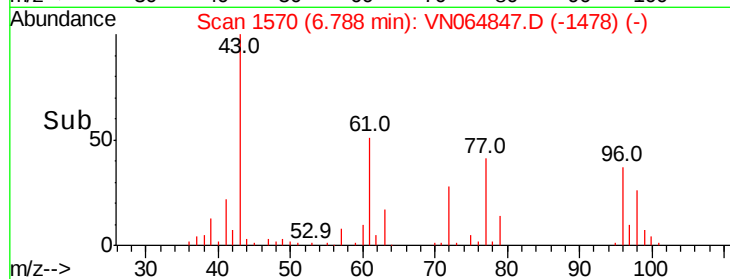
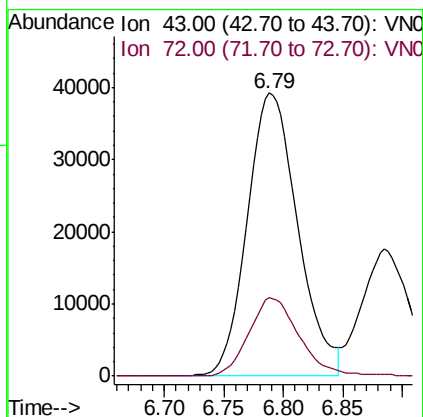
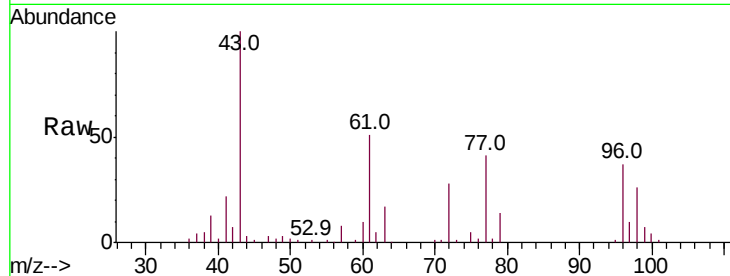




#25
2-Butanone
Concen: 90.362 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

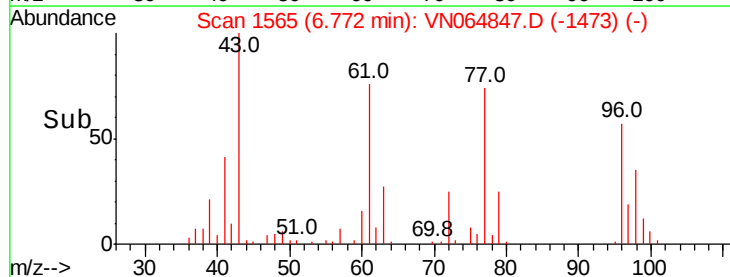
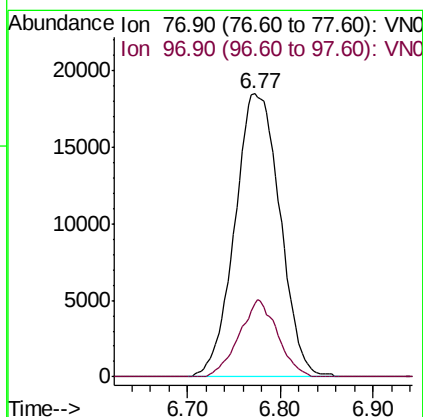
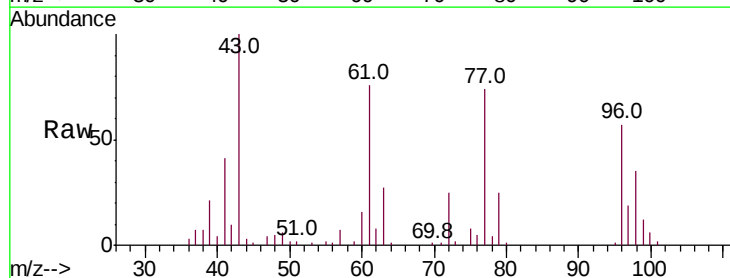
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

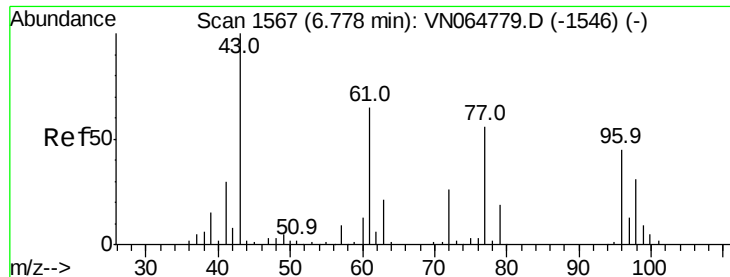
Tot Ion: 43 Resp: 115502
Ion Ratio Lower Upper
43 100
72 27.6 21.0 31.6



#26
2,2-Dichloropropane
Concen: 18.255 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Tgt Ion: 77 Resp: 62498
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.553 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

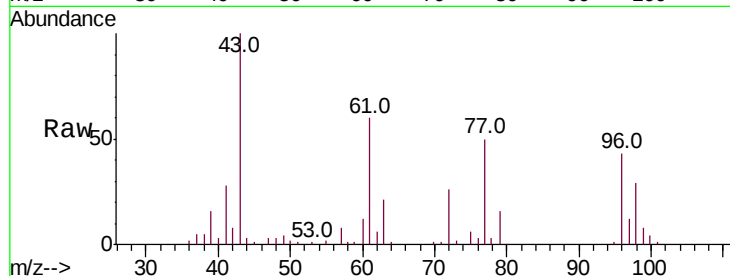
Tot Ion: 96 Resp: 46386

Ion Ratio Lower Upper

96 100

61 138.6 0.0 285.8

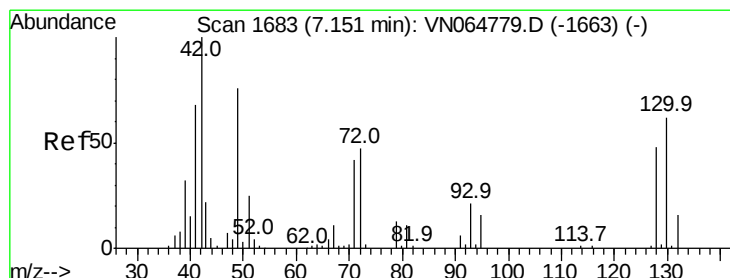
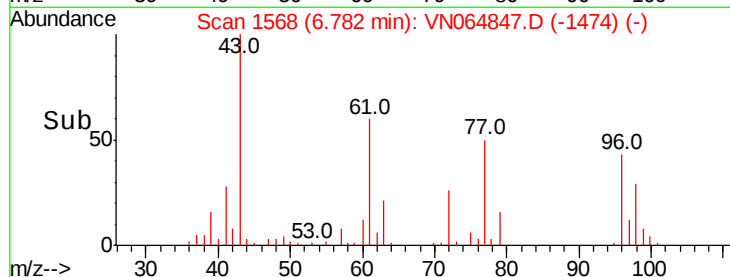
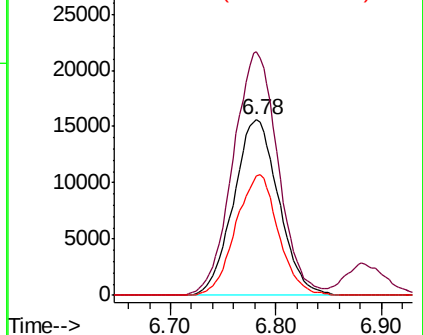
98 64.9 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1546) (-)



#28

Bromochloromethane

Concen: 19.880 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

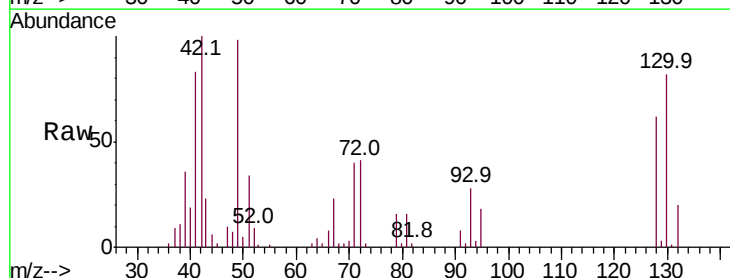
Tgt Ion: 49 Resp: 35899

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

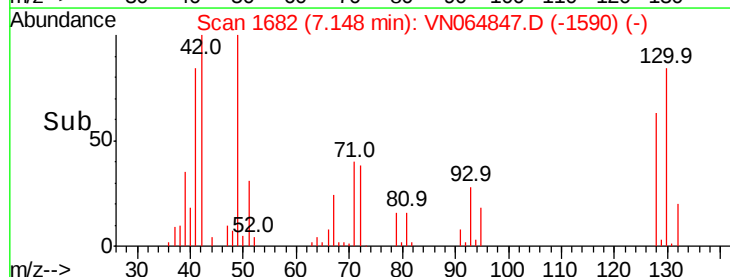
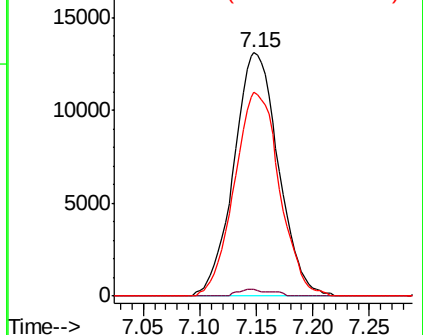
130 84.8 66.2 99.2

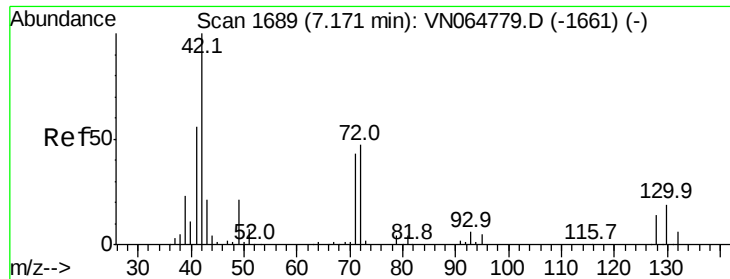


Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN064779.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN064779.D (-1663) (-)

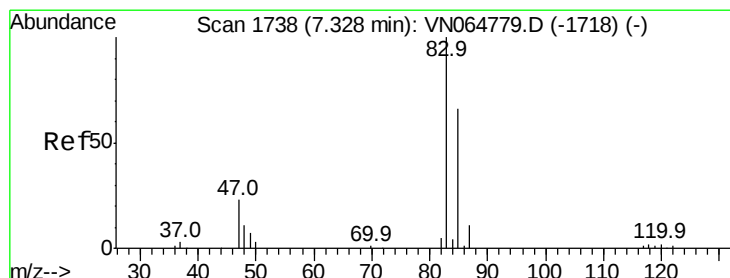
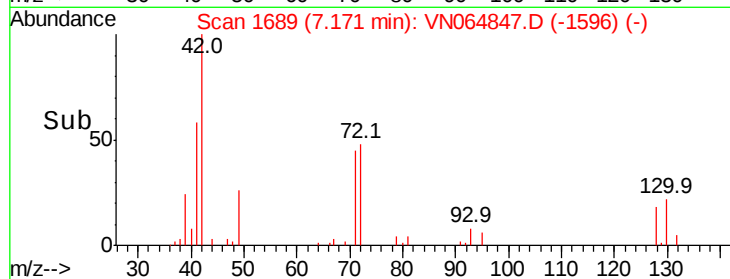
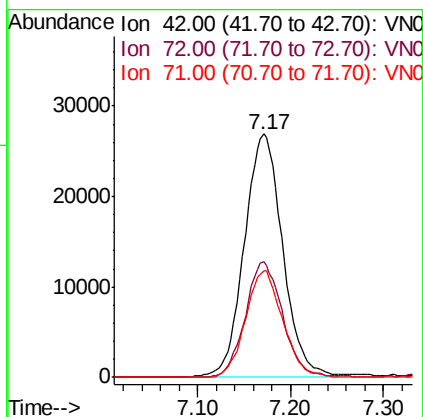
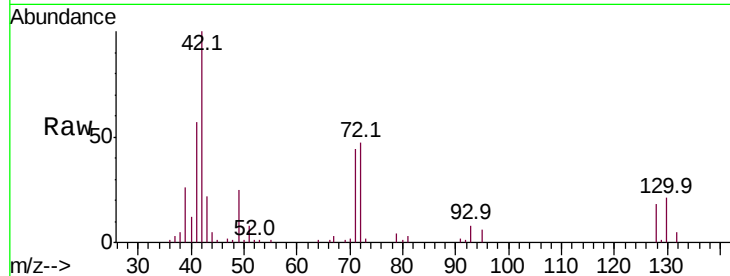




#29
Tetrahydrofuran
Concen: 87.854 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

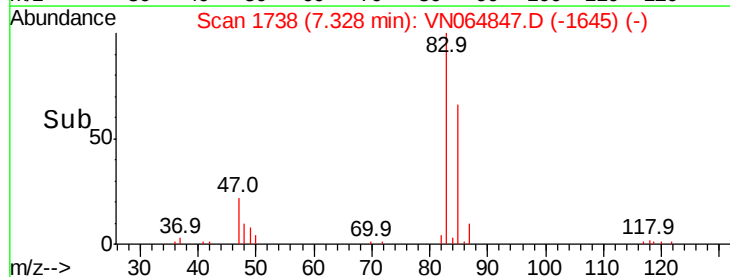
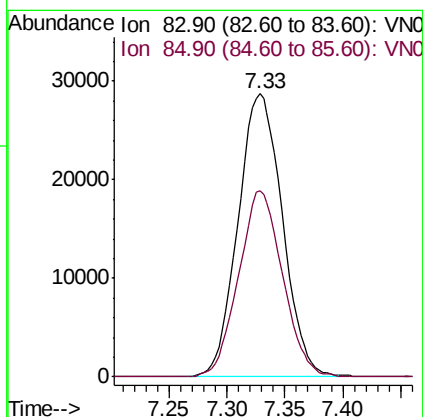
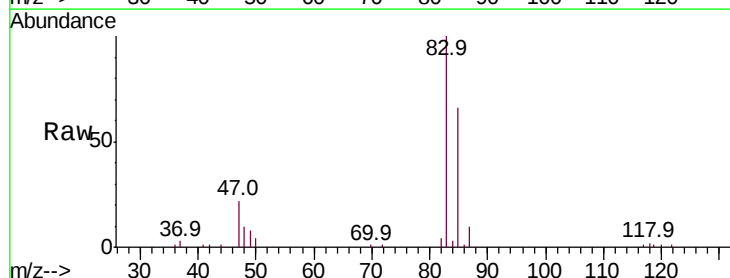
Instrument :
MSVOA_N
ClientSampled :
VN1125WBS01

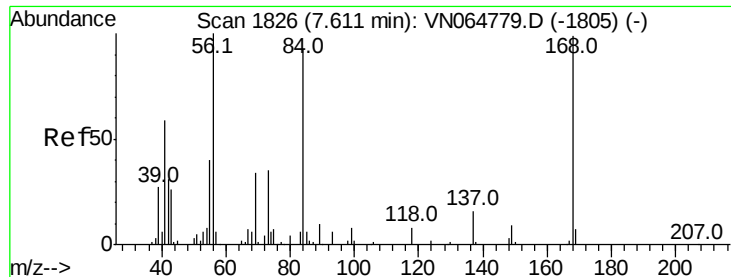
Tot Ion: 42 Resp: 77517
Ion Ratio Lower Upper
42 100
72 45.8 36.6 54.8
71 42.2 33.6 50.4



#30
Chloroform
Concen: 18.776 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Tgt Ion: 83 Resp: 76430
Ion Ratio Lower Upper
83 100
85 65.9 52.6 78.8





#31

Cyclohexane

Concen: 17.994 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

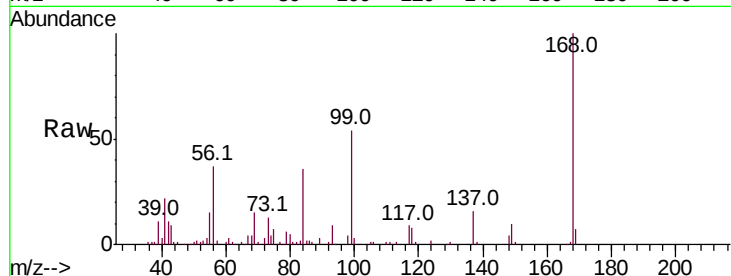
Tot Ion: 56 Resp: 60156

Ion Ratio Lower Upper

56 100

69 39.9 27.5 41.3

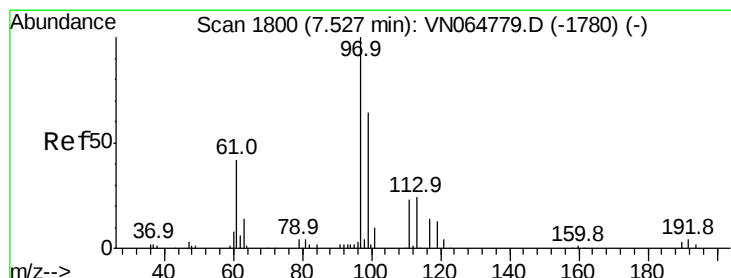
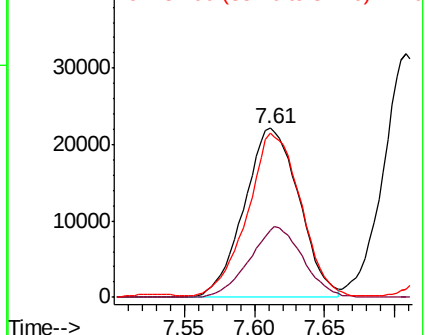
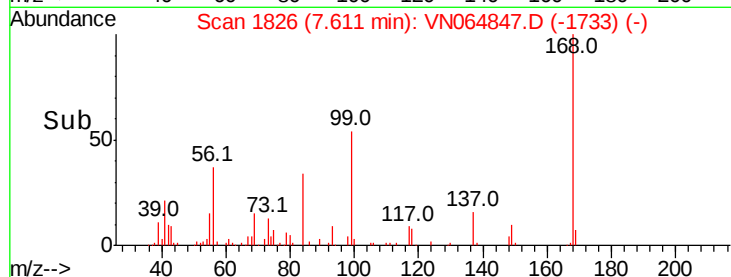
84 96.1 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064847.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064847.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064847.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 18.761 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

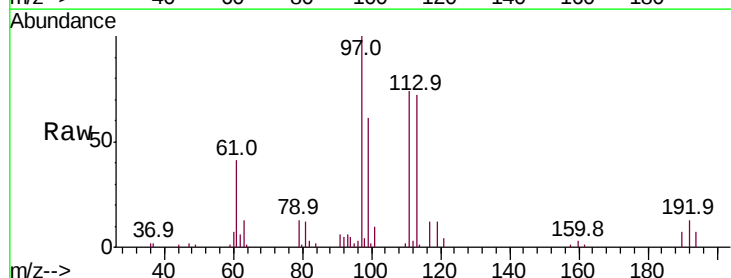
Tgt Ion: 97 Resp: 65592

Ion Ratio Lower Upper

97 100

99 63.5 51.7 77.5

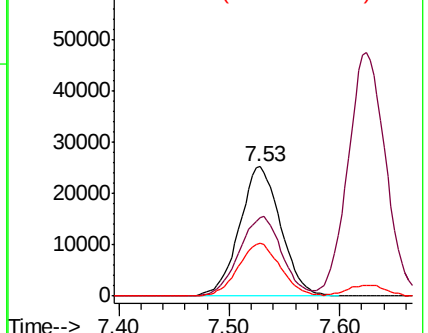
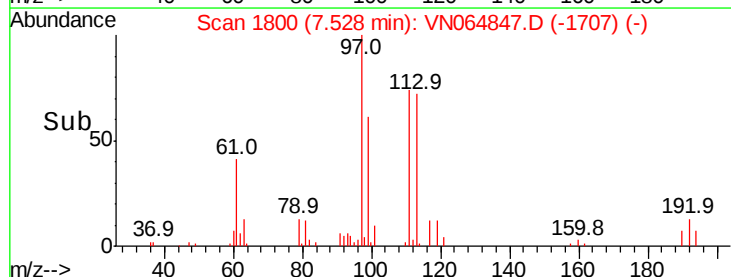
61 41.6 33.9 50.9

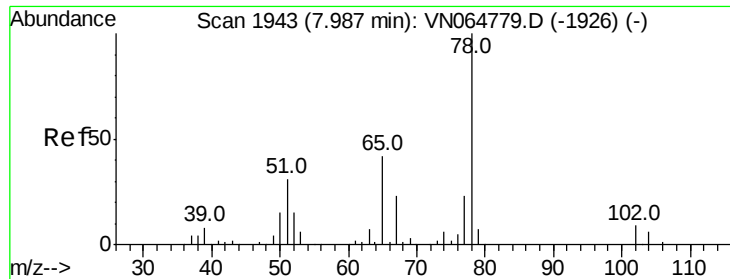


Abundance Ion 96.90 (96.60 to 97.60): VN064847.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064847.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064847.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.416 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

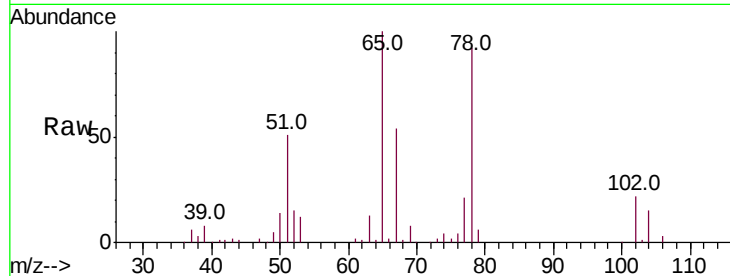
VN1125WBS01

Tot Ion: 65 Resp: 118533

Ion Ratio Lower Upper

65 100

67 55.9 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064779.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN064779.D (-1926) (-)

7.99

60000

50000

40000

30000

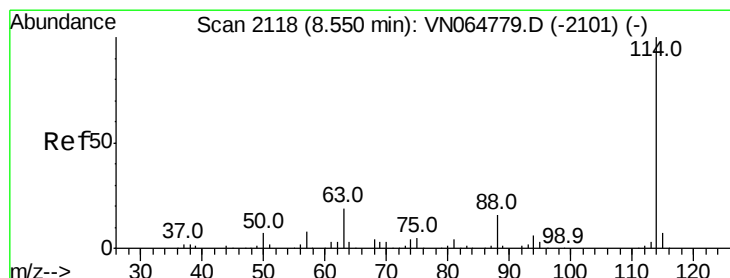
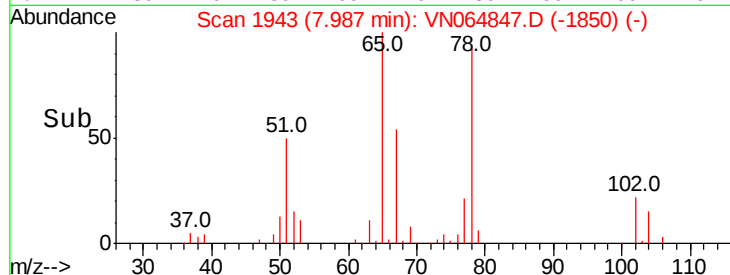
20000

10000

0

Time-->

7.90 7.95 8.00 8.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

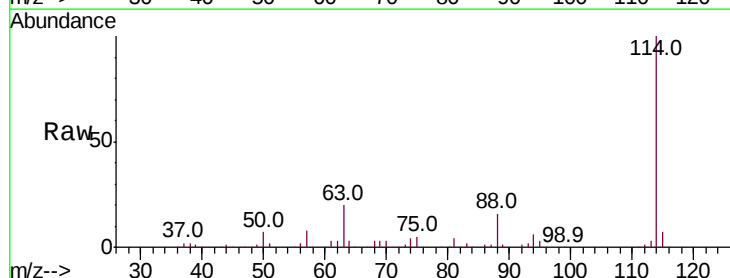
Tgt Ion: 114 Resp: 322418

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

88 16.1 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VN064779.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN064779.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN064779.D (-2101) (-)

8.55

200000

150000

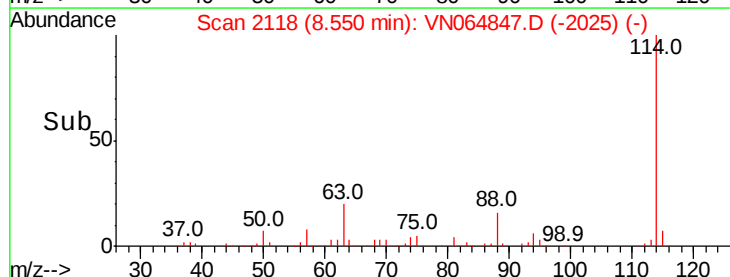
100000

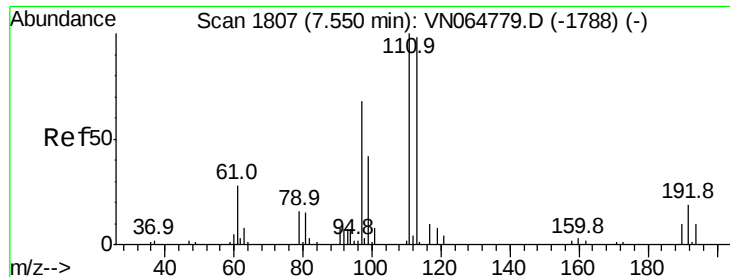
50000

0

Time-->

8.45 8.50 8.55 8.60 8.65

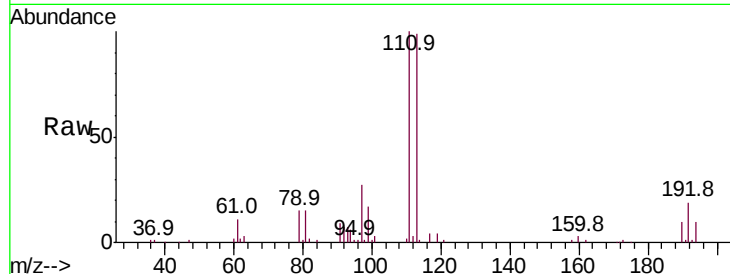




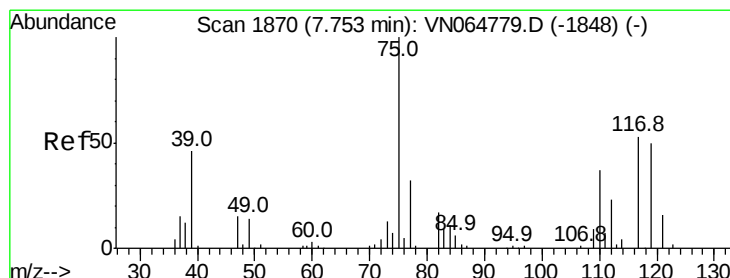
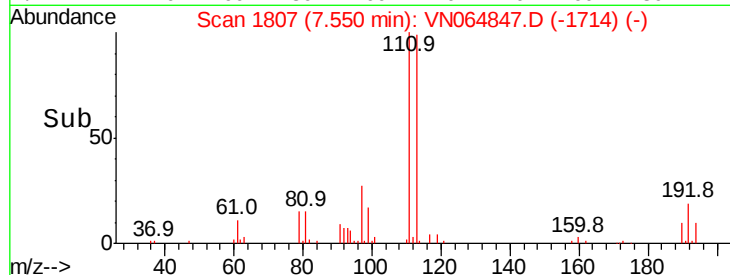
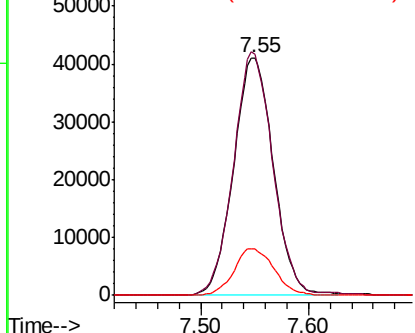
#35
 Dibromofluoromethane
 Concen: 54.691 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Tot Ion:113 Resp: 105513
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.6 122.4
 192 19.8 16.2 24.2

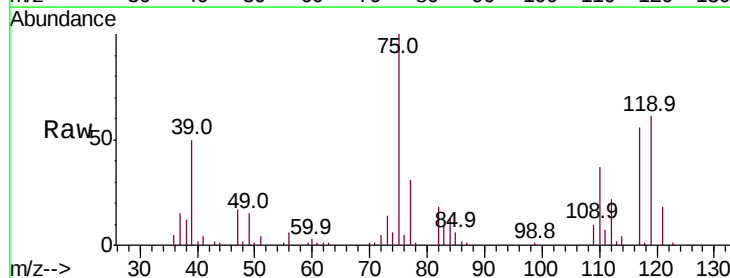


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

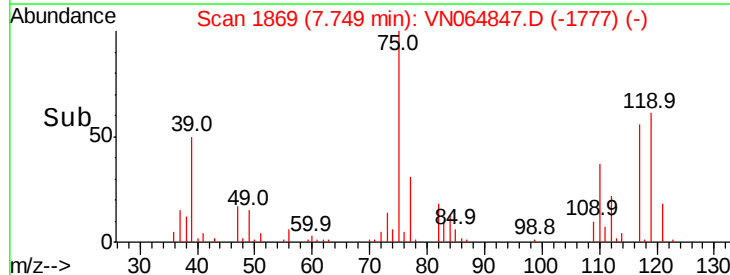
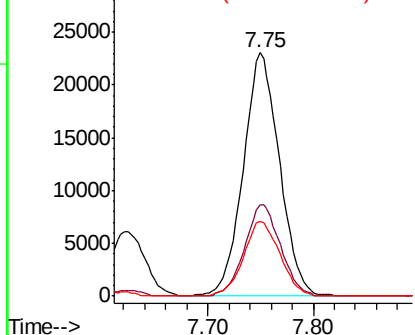


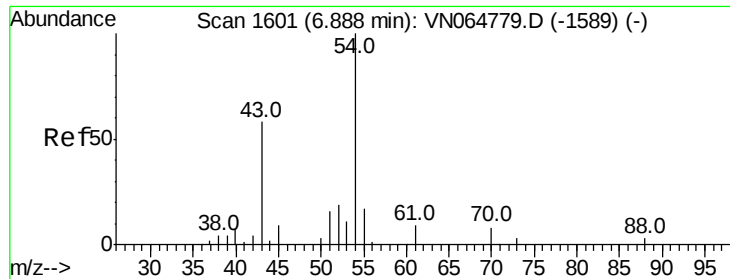
#36
 1,1-Dichloropropene
 Concen: 18.419 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

Tgt Ion: 75 Resp: 55045
 Ion Ratio Lower Upper
 75 100
 110 37.0 17.8 53.3
 77 30.7 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

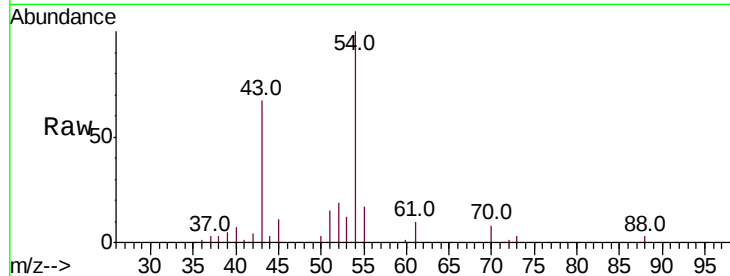




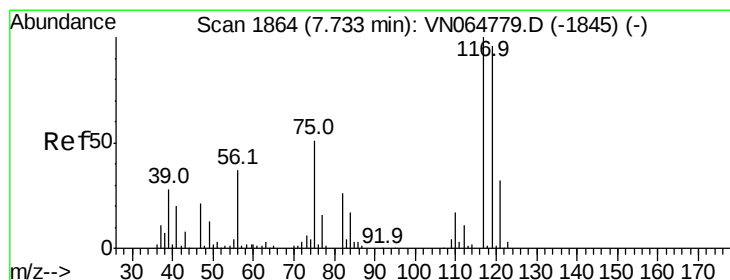
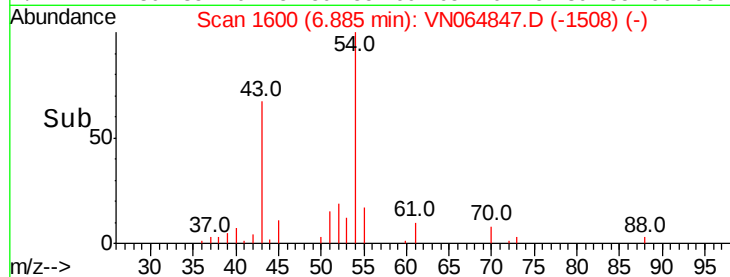
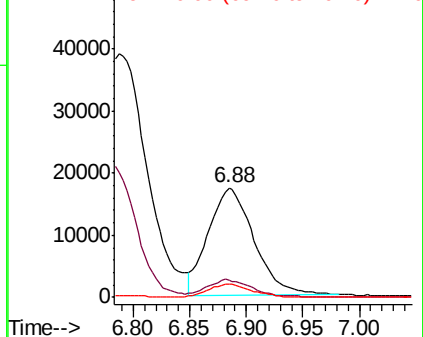
#37
Ethyl Acetate
Concen: 17.103 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
VN1125WBS01

Tot Ion: 43 Resp: 49234
Ion Ratio Lower Upper
43 100
61 16.2 12.8 19.2
70 11.6 8.8 13.2

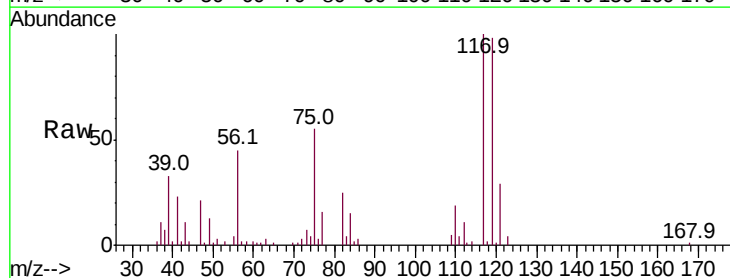


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

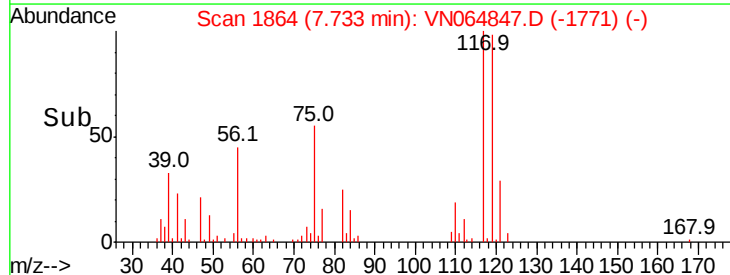
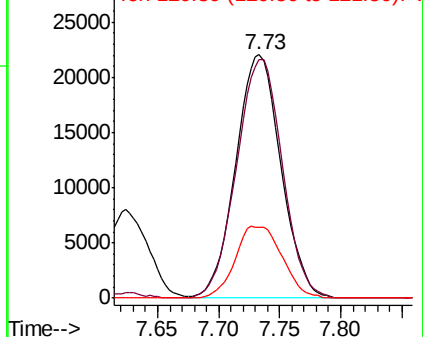


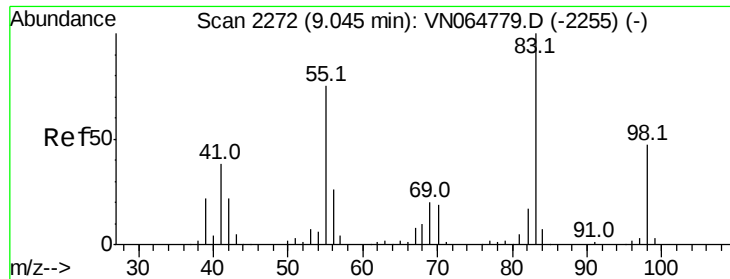
#38
Carbon Tetrachloride
Concen: 18.251 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Tgt Ion: 117 Resp: 56753
Ion Ratio Lower Upper
117 100
119 97.9 76.7 115.1
121 28.9 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

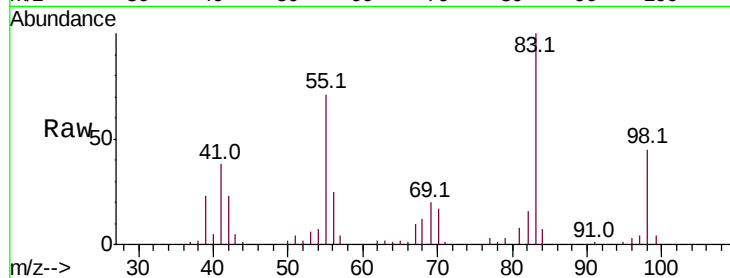




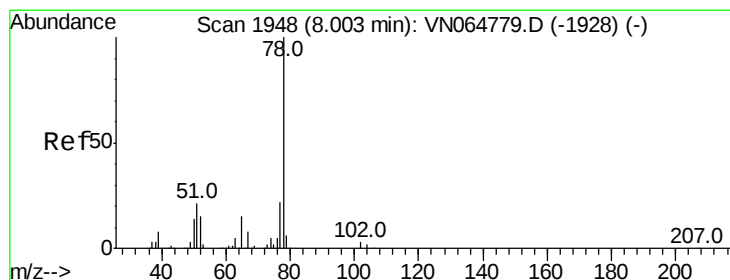
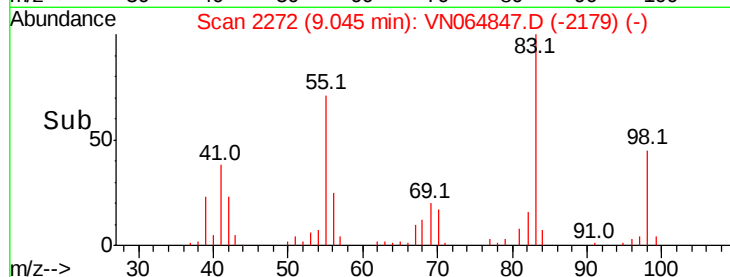
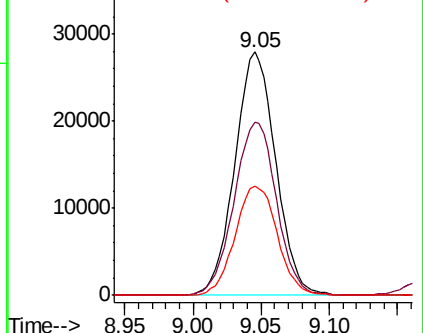
#39
Methvlcvclohexane
Concen: 18.064 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion: 83 Resp: 58115
Ion Ratio Lower Upper
83 100
55 71.0 60.2 90.2
98 44.8 37.4 56.2

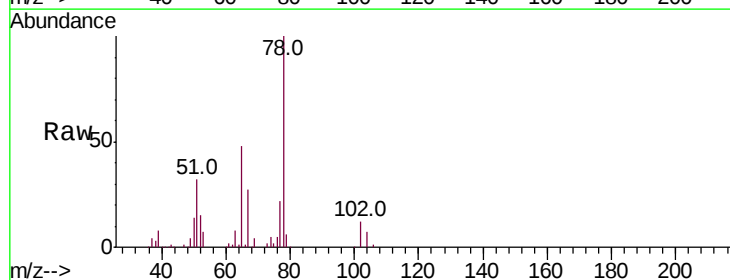


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

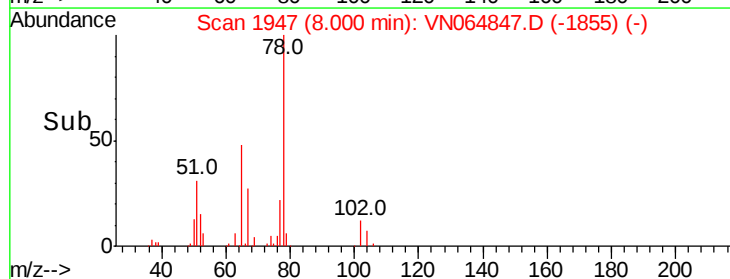
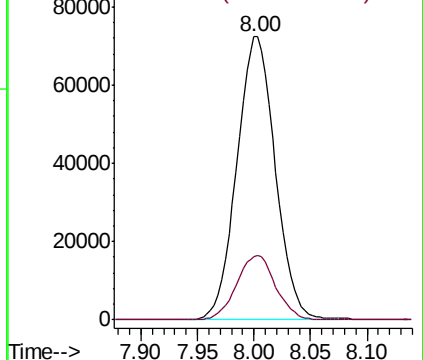


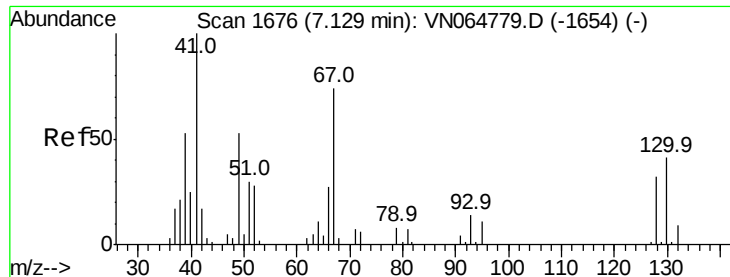
#40
Benzene
Concen: 18.669 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Tgt Ion: 78 Resp: 170966
Ion Ratio Lower Upper
78 100
77 22.4 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: 18.260 ug/l

RT: 7.13 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

VN1125WBS01

Tot Ion: 41 Resp: 24255

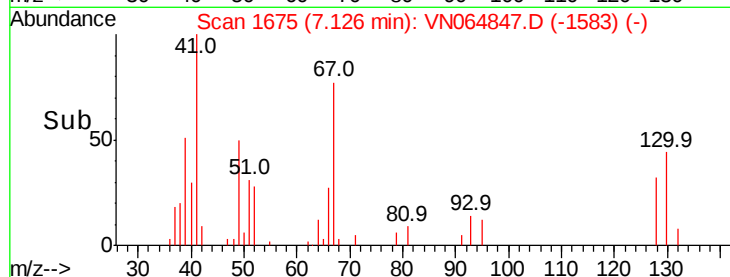
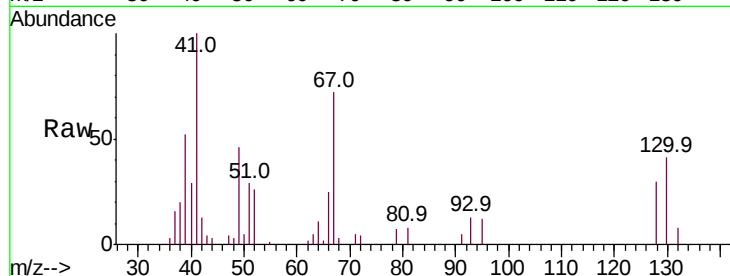
Ion Ratio Lower Upper

41 100

39 64.5 51.0 76.6

67 88.2 79.8 119.8

52 35.1 31.5 47.3

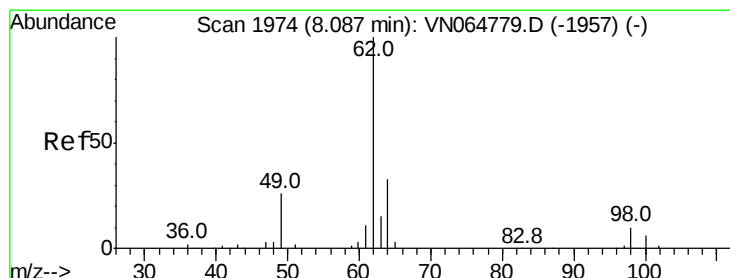
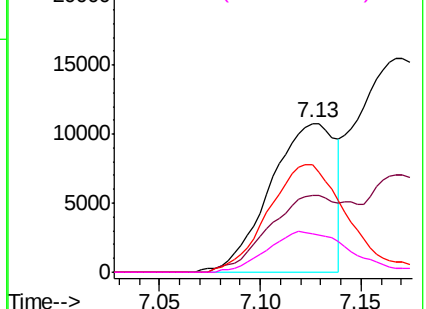


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 18.157 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN064847.D

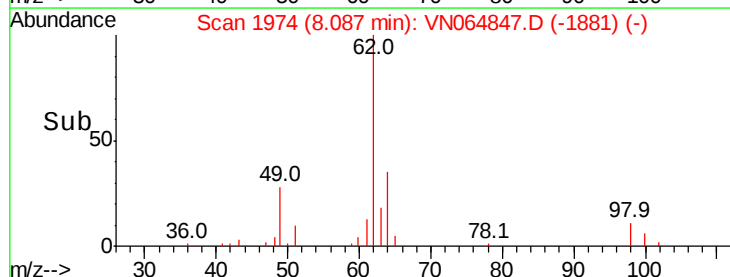
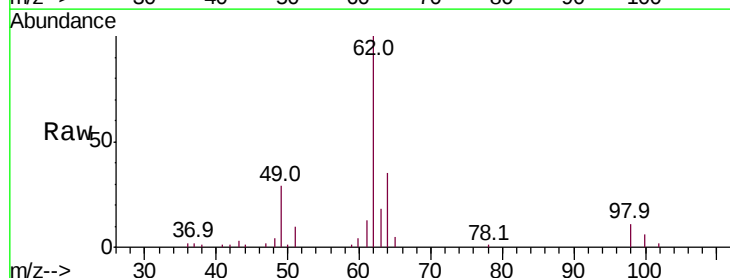
Acq: 25 Nov 2020 11:00

Tgt Ion: 62 Resp: 56093

Ion Ratio Lower Upper

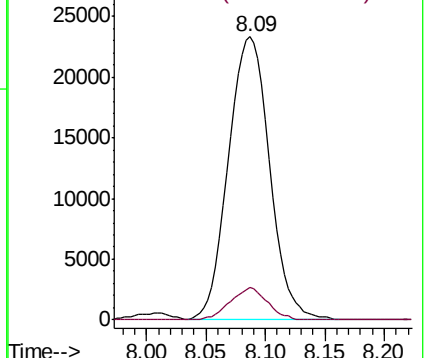
62 100

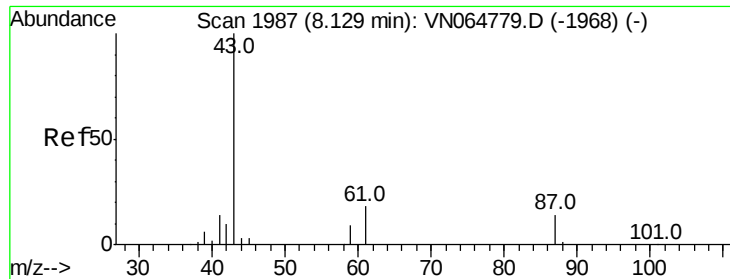
98 10.3 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 17.118 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

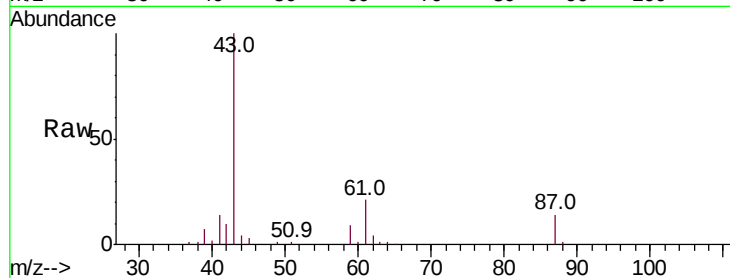
Tot Ion: 43 Resp: 79293

Ion Ratio Lower Upper

43 100

61 21.7 17.2 25.8

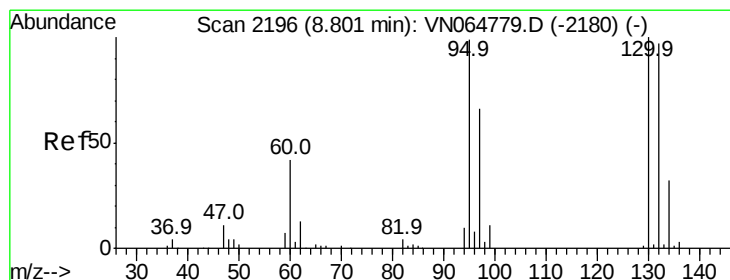
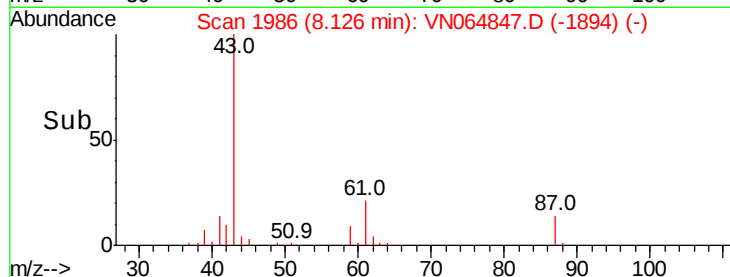
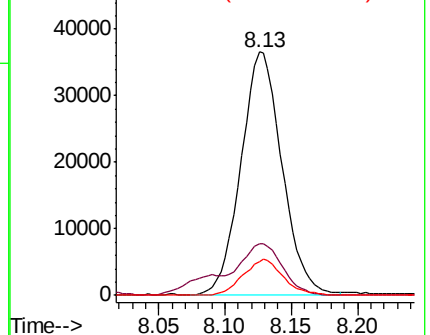
87 14.4 11.4 17.0



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) (-)



#44

Trichloroethene

Concen: 17.901 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064847.D

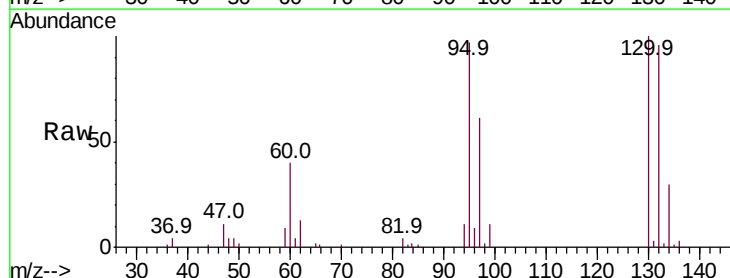
Acq: 25 Nov 2020 11:00

Tgt Ion:130 Resp: 48369

Ion Ratio Lower Upper

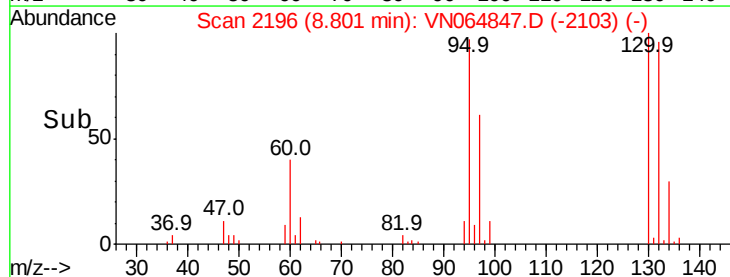
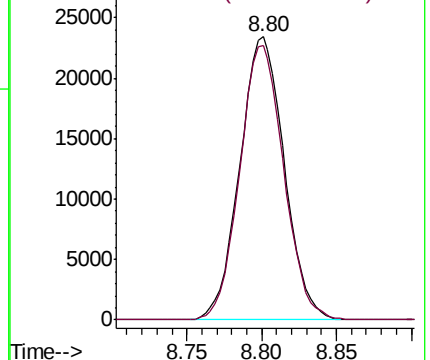
130 100

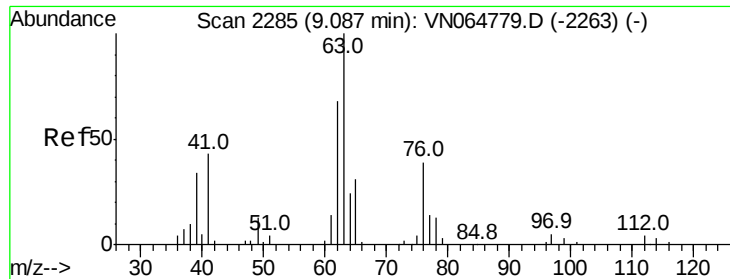
95 97.1 0.0 197.8



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

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





#45

1,2-Dichloropropane

Concen: 19.076 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

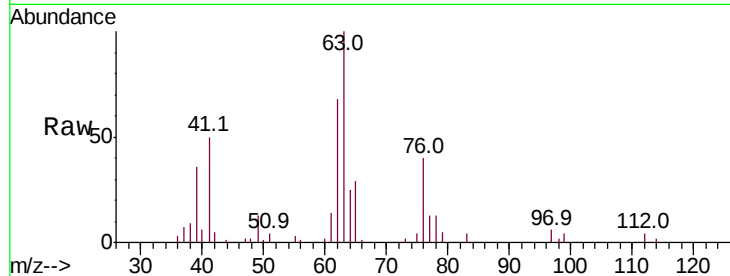
VN1125WBS01

Tot Ion: 63 Resp: 45240

Ion Ratio Lower Upper

63 100

65 28.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

25000

20000

15000

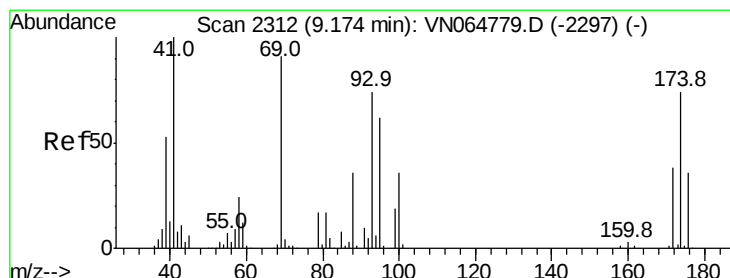
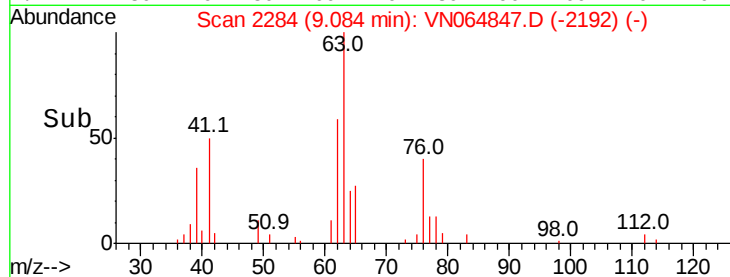
10000

5000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 18.958 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

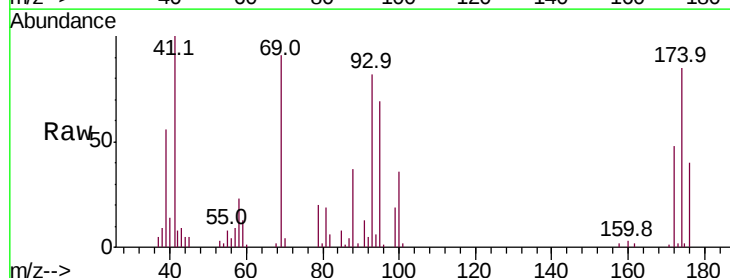
Tgt Ion: 93 Resp: 30037

Ion Ratio Lower Upper

93 100

95 82.1 68.8 103.2

174 98.7 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

20000

15000

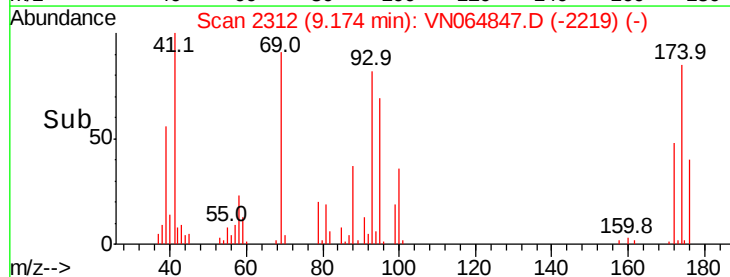
10000

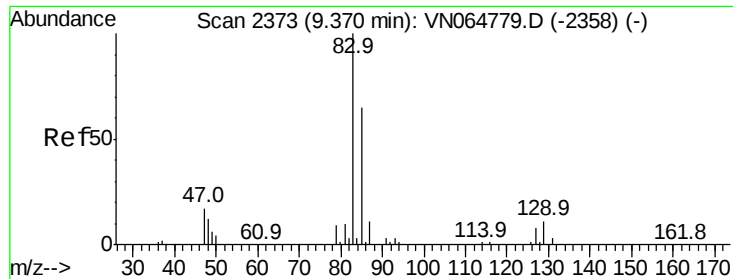
5000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 18.462 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

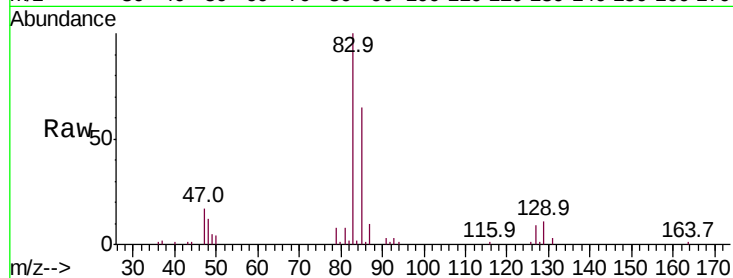
Tot Ion: 83 Resp: 58855

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.8

127 9.4 6.8 10.2

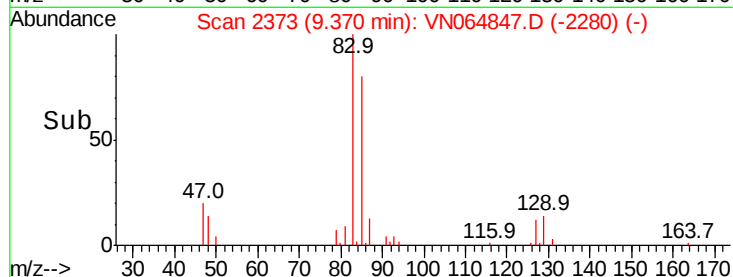


Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

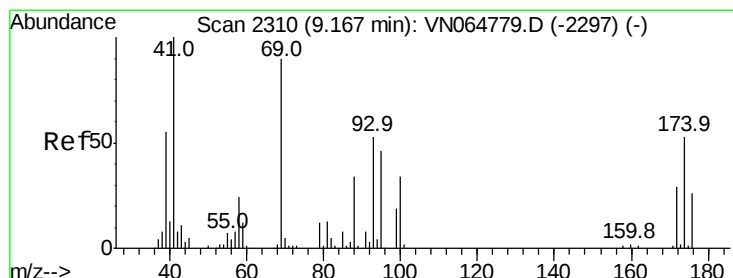
Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

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

9.37



9.37



#48

Methyl methacrylate

Concen: 17.183 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

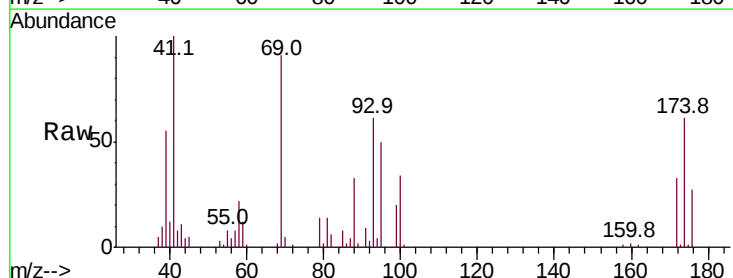
Tgt Ion: 41 Resp: 38033

Ion Ratio Lower Upper

41 100

69 94.5 71.8 107.8

39 57.1 44.1 66.1

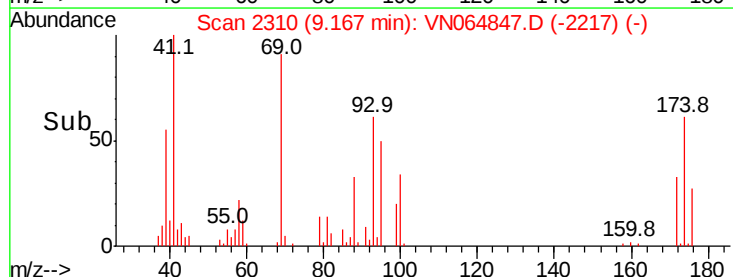


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

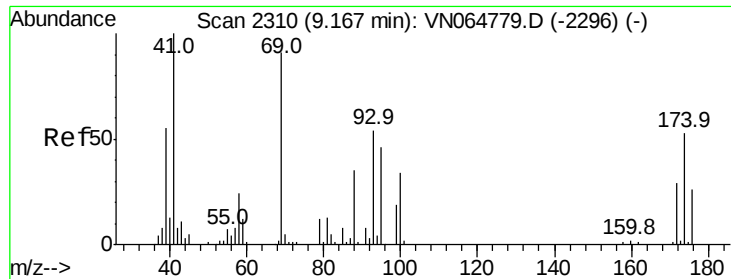
Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

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

9.17



9.17



#49

1,4-Dioxane

Concen: 349.592 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

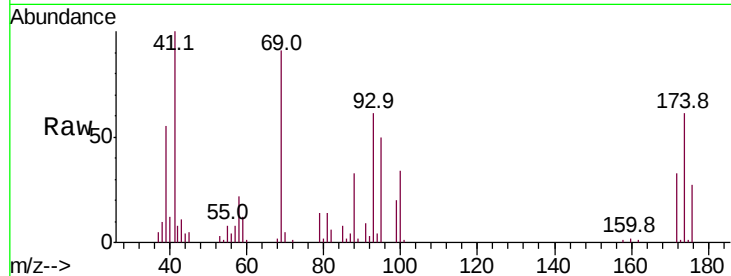
Tot Ion: 88 Resp: 14625

Ion Ratio Lower Upper

88 100

43 31.7 24.2 36.4

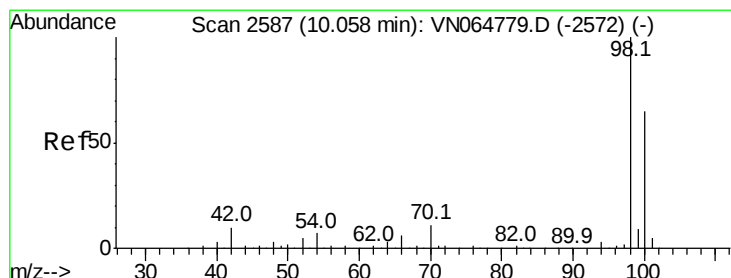
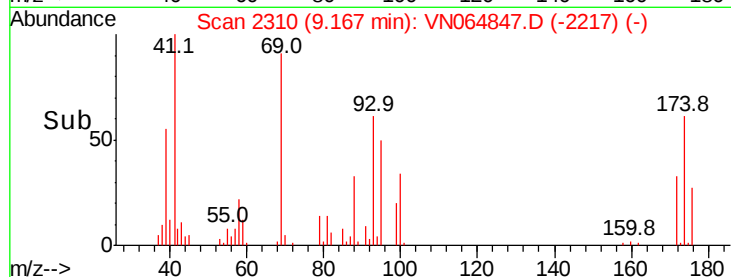
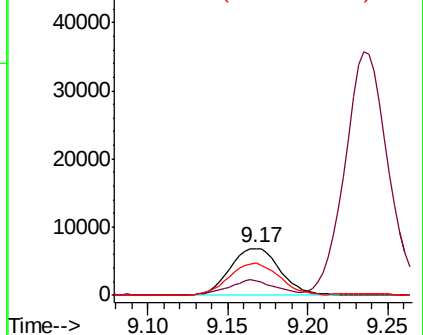
58 69.0 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.985 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064847.D

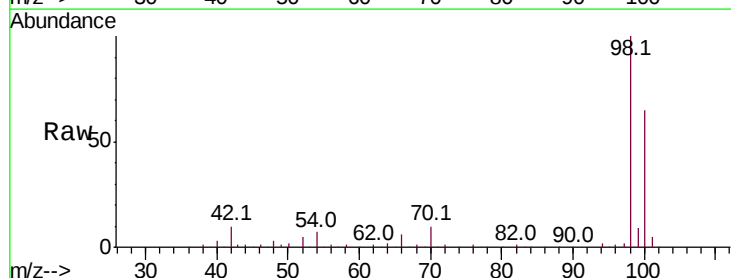
Acq: 25 Nov 2020 11:00

Tgt Ion: 98 Resp: 401904

Ion Ratio Lower Upper

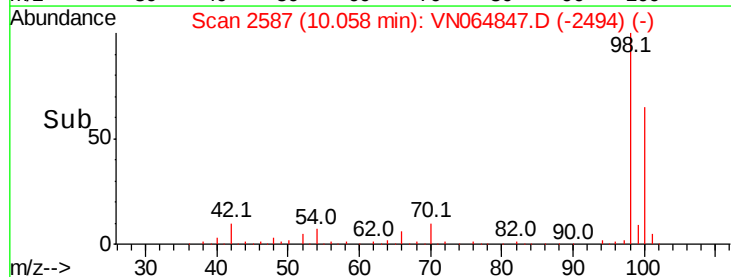
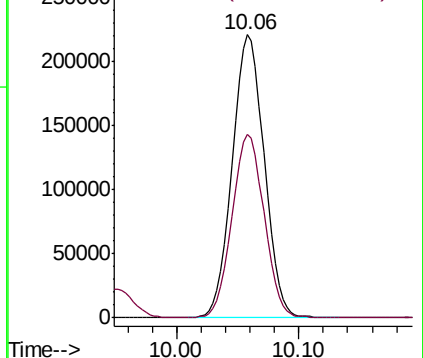
98 100

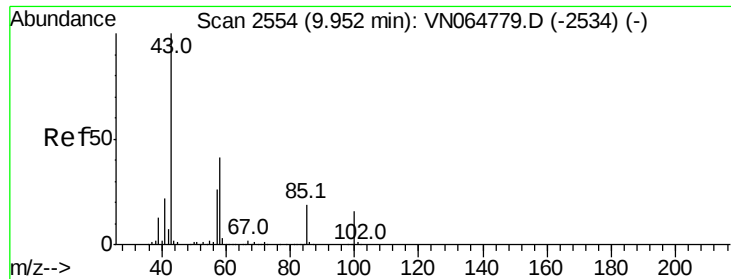
100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

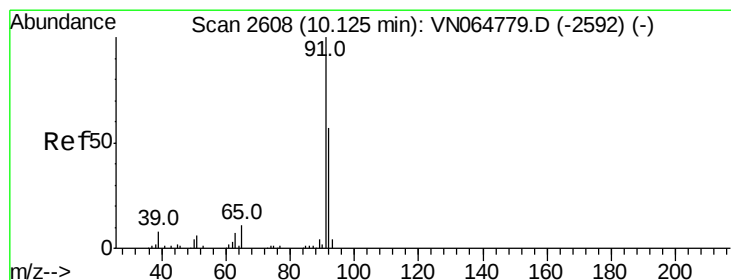
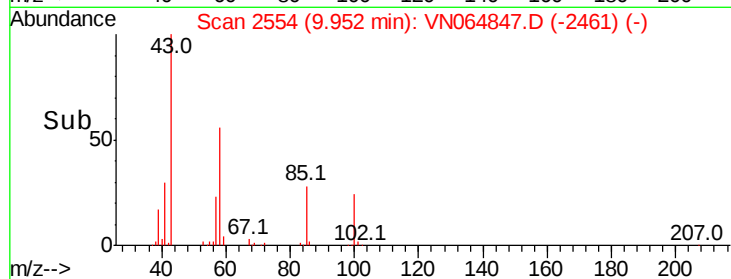
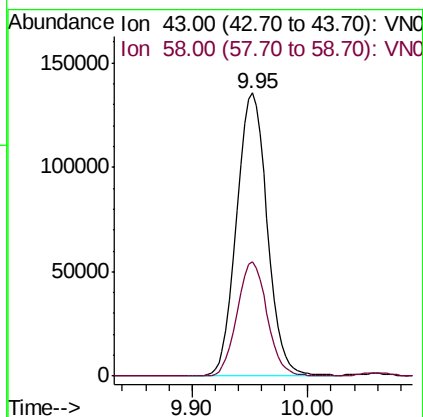
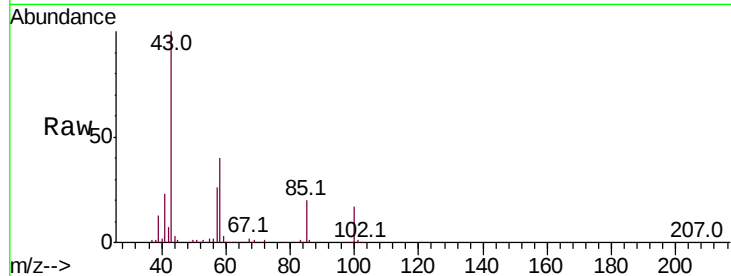




#51
 4-Methyl-2-Pentanone
 Concen: 89.483 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

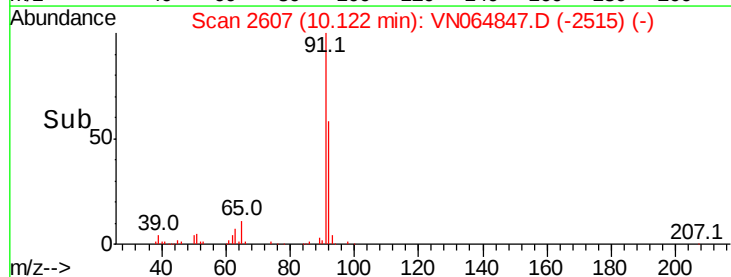
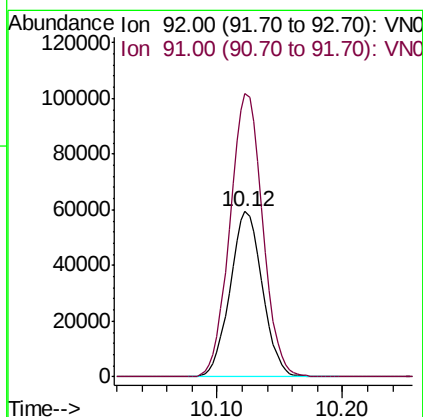
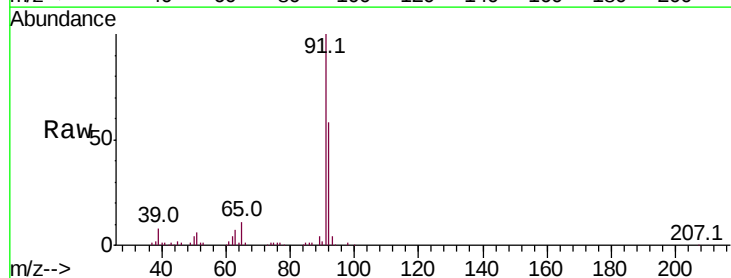
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

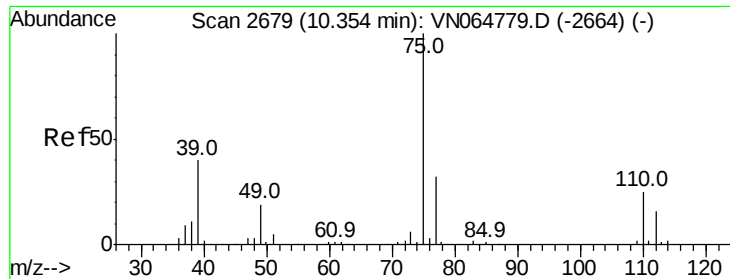
Tot Ion: 43 Resp: 248846
 Ion Ratio Lower Upper
 43 100
 58 39.6 32.4 48.6



#52
 Toluene
 Concen: 18.907 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

Tgt Ion: 92 Resp: 106632
 Ion Ratio Lower Upper
 92 100
 91 173.0 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 17.879 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

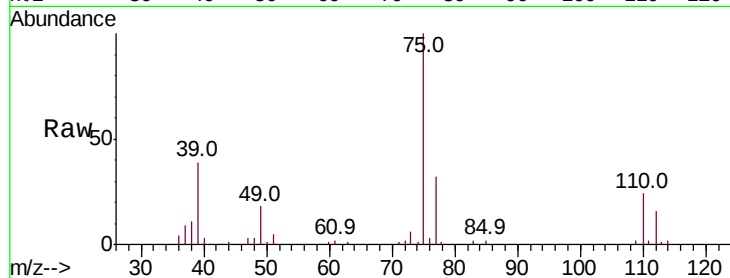
VN1125WBS01

Tot Ion: 75 Resp: 63483

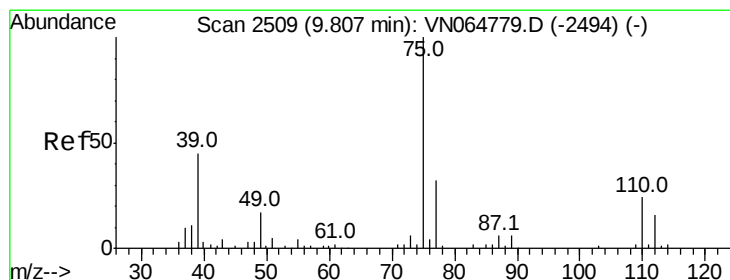
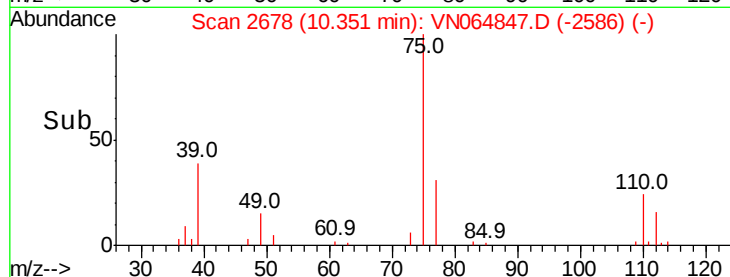
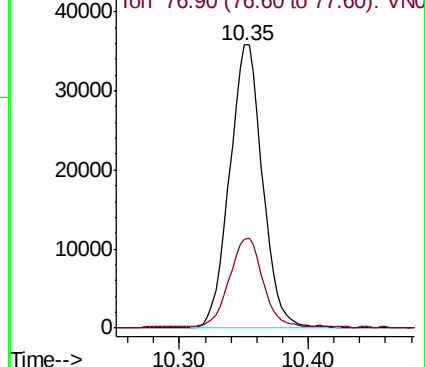
Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN064847.D (-2586) (-)



#54

cis-1,3-Dichloropropene

Concen: 18.579 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

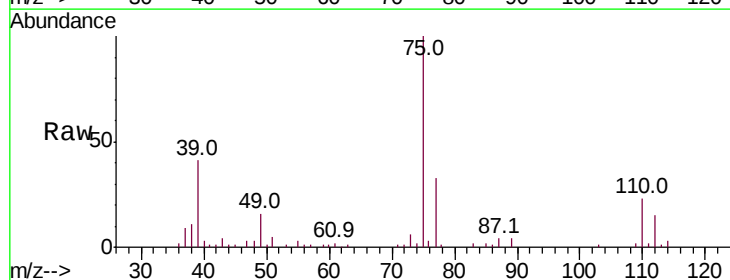
Tgt Ion: 75 Resp: 70709

Ion Ratio Lower Upper

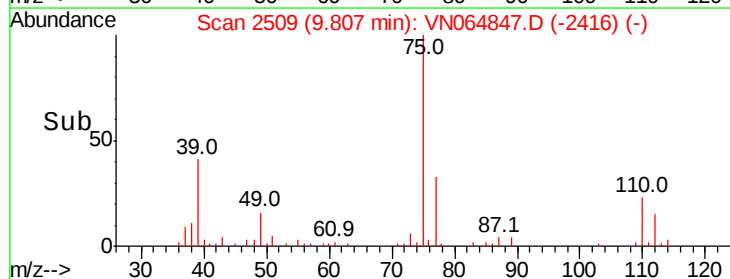
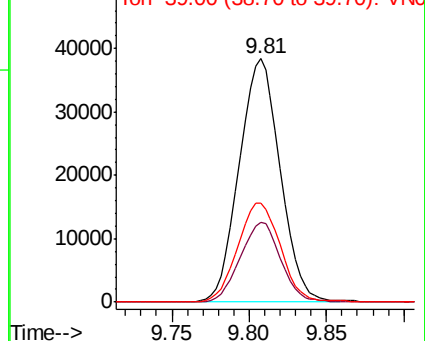
75 100

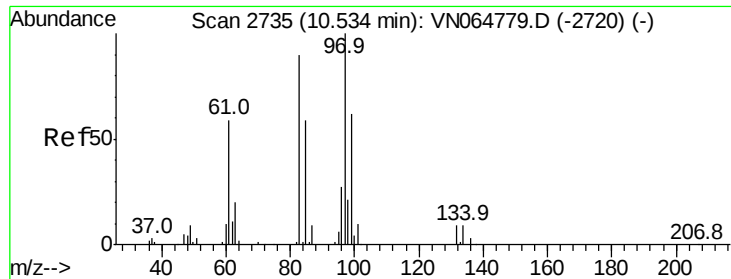
77 32.8 25.5 38.3

39 40.6 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VN064847.D (-2416) (-)





#55

1,1,2-Trichloroethane

Concen: 18.597 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

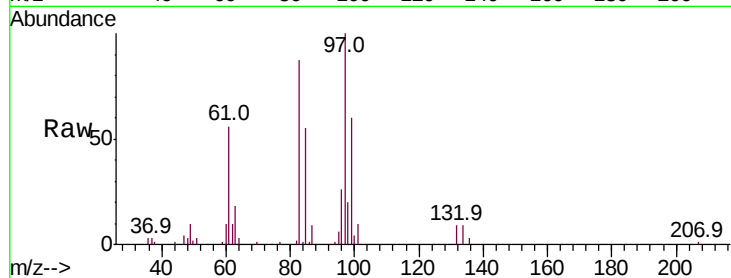
Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion: 97 Resp: 43128

Ion	Ratio	Lower	Upper
97	100		
83	86.8	72.1	108.1
85	54.8	46.8	70.2
99	60.5	49.6	74.4

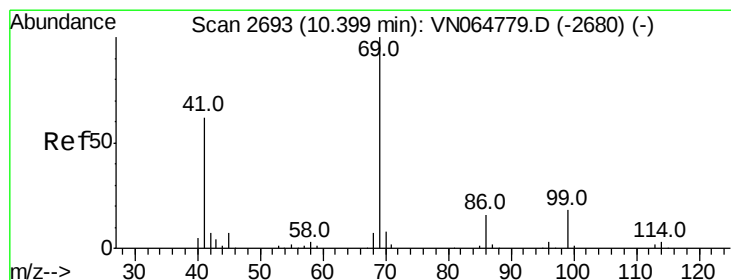
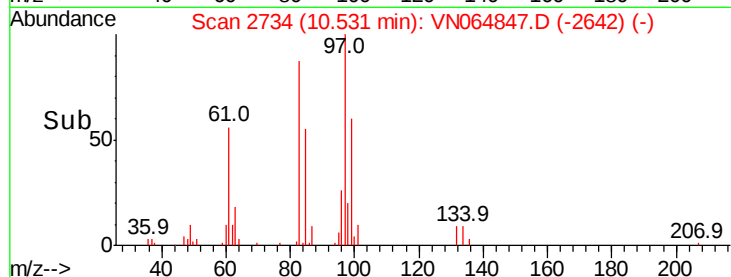
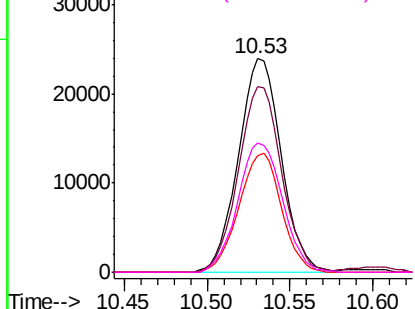


Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC



#56

Ethyl methacrylate

Concen: 18.258 ug/l

RT: 10.40 min Scan# 2693

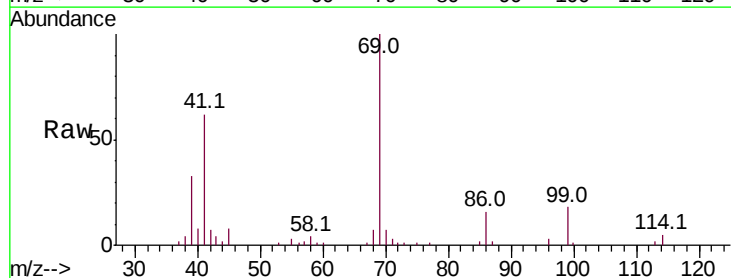
Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Tgt Ion: 69 Resp: 58430

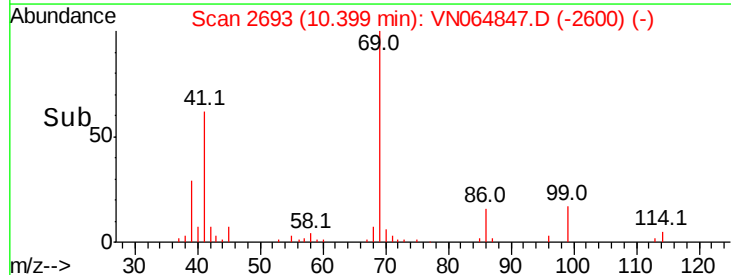
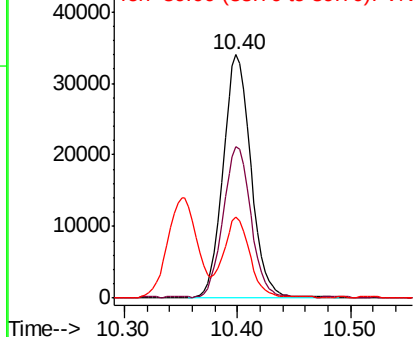
Ion	Ratio	Lower	Upper
69	100		
41	62.5	49.4	74.0
39	31.0	25.9	38.9

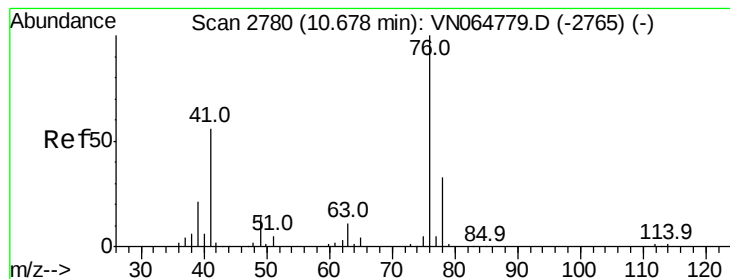


Abundance Ion 69.00 (68.70 to 69.70): VNC

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#57

1,3-Dichloropropane

Concen: 18.566 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

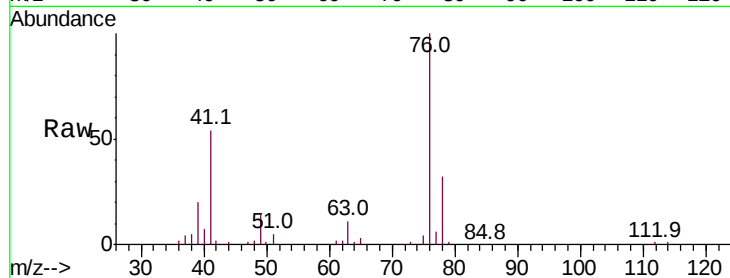
VN1125WBS01

Tot Ion: 76 Resp: 71026

Ion Ratio Lower Upper

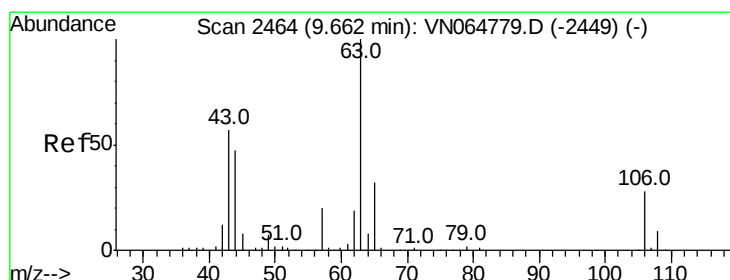
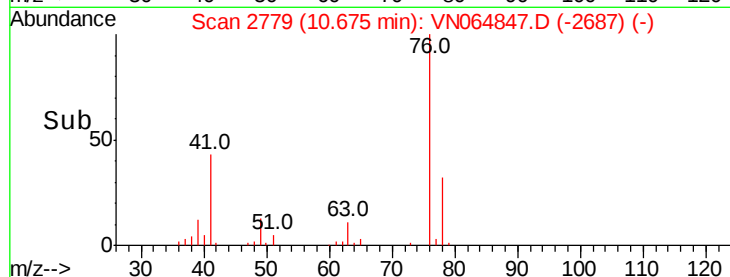
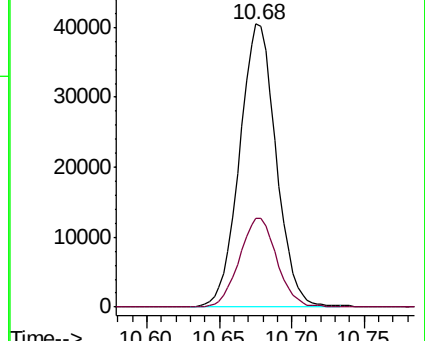
76 100

78 32.1 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: 93.670 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064847.D

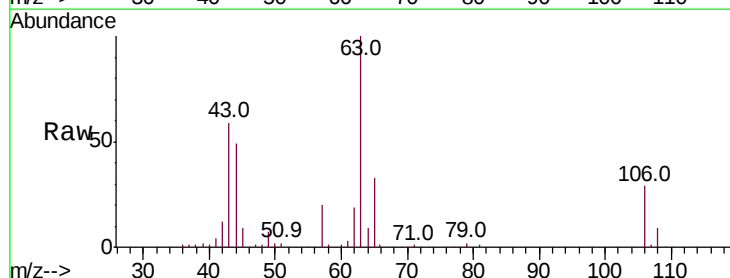
Acq: 25 Nov 2020 11:00

Tgt Ion: 63 Resp: 164895

Ion Ratio Lower Upper

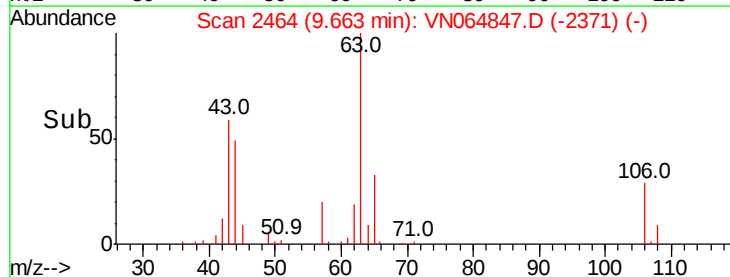
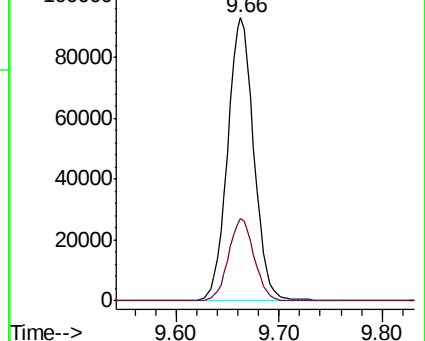
63 100

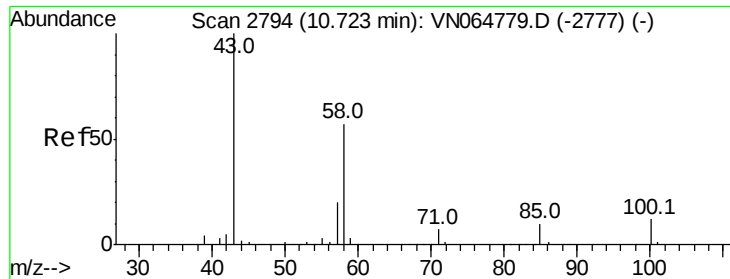
106 28.3 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

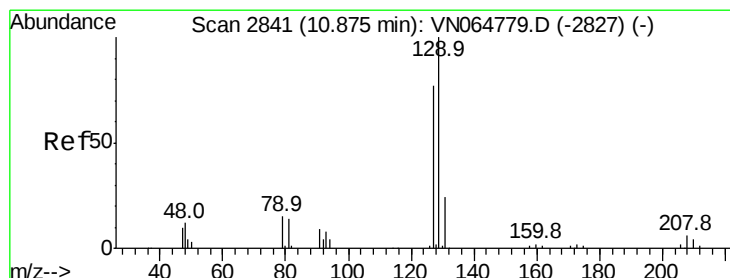
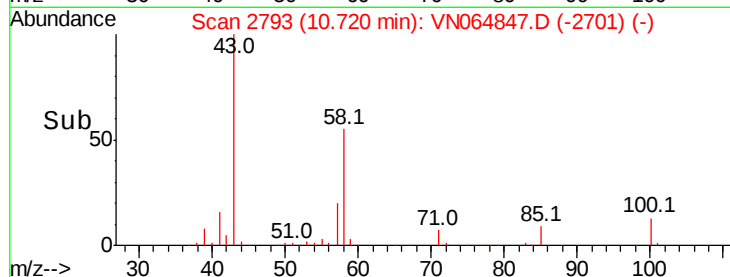
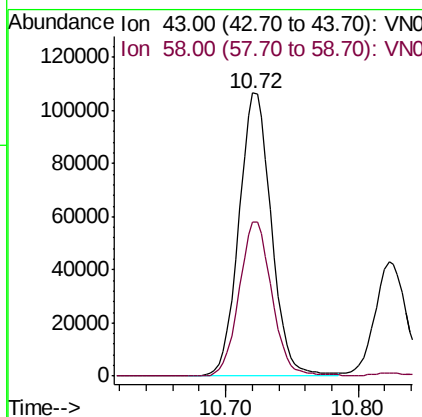
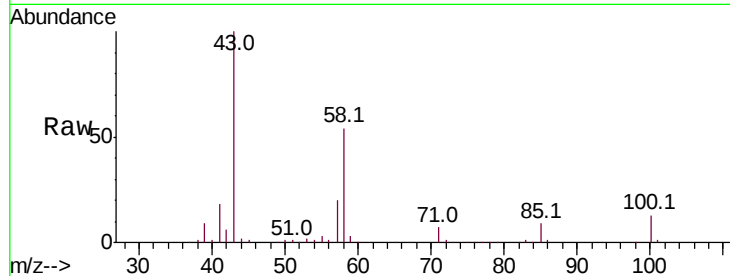




#59
2-Hexanone
Concen: 90.612 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

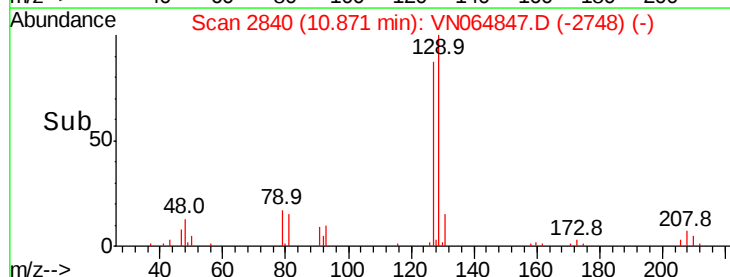
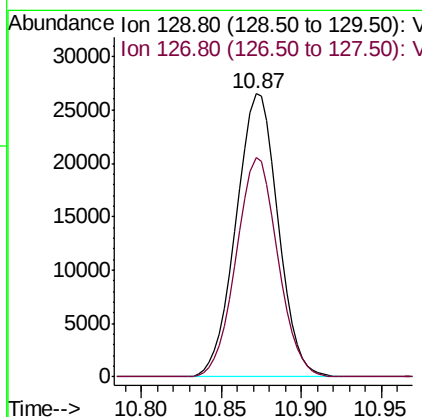
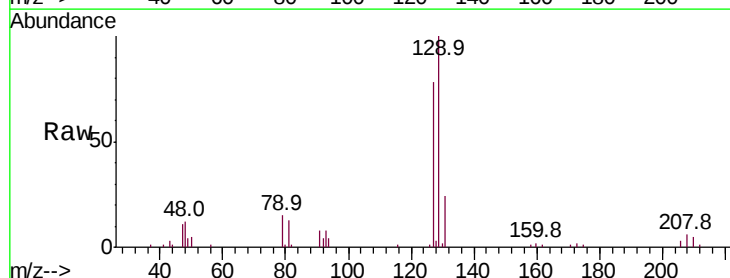
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

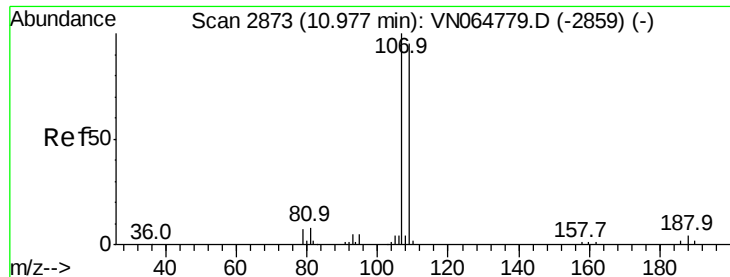
Tot Ion: 43 Resp: 181351
Ion Ratio Lower Upper
43 100
58 54.9 28.3 84.9



#60
Dibromochloromethane
Concen: 18.434 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Tgt Ion: 129 Resp: 47521
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2

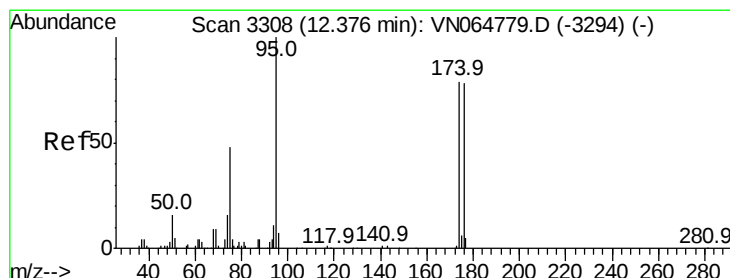
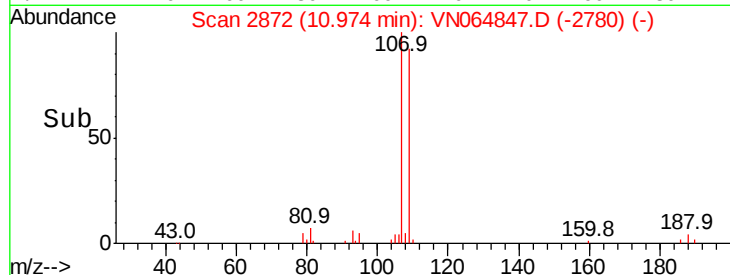
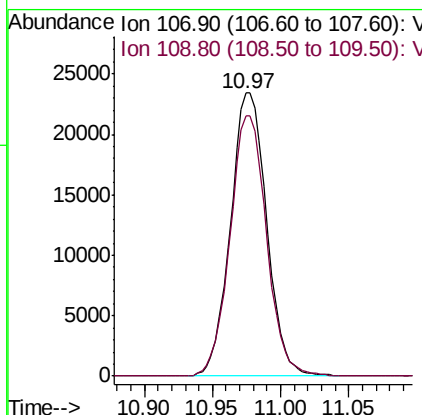
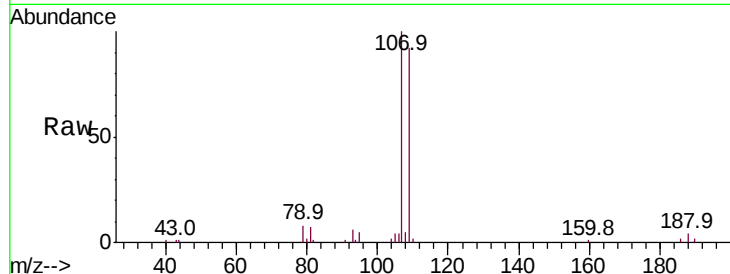




#61
 1,2-Dibromoethane
 Concen: 18.365 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

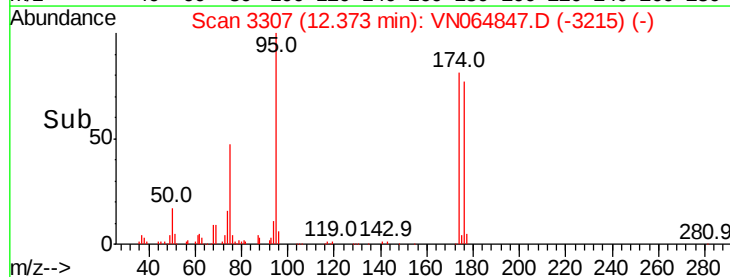
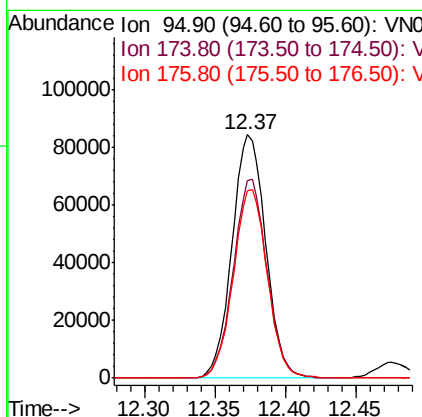
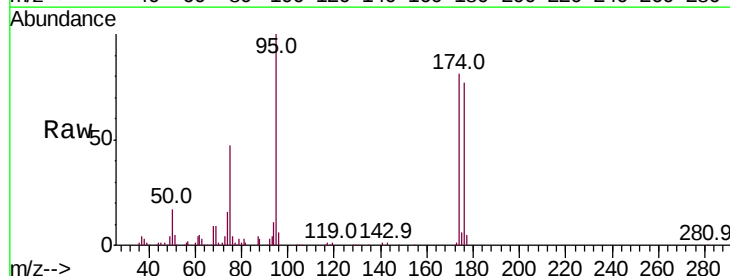
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

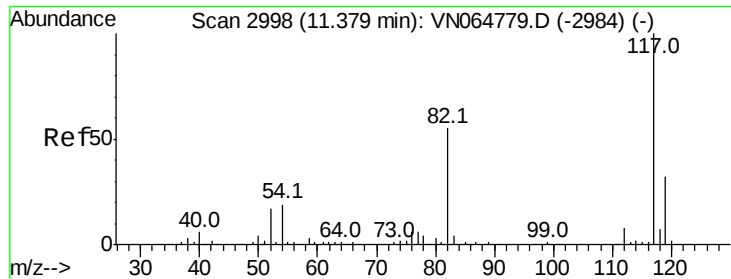
Tot Ion:107 Resp: 43271
 Ion Ratio Lower Upper
 107 100
 109 92.5 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 50.129 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

Tgt Ion: 95 Resp: 141417
 Ion Ratio Lower Upper
 95 100
 174 81.7 0.0 160.4
 176 78.3 0.0 158.4

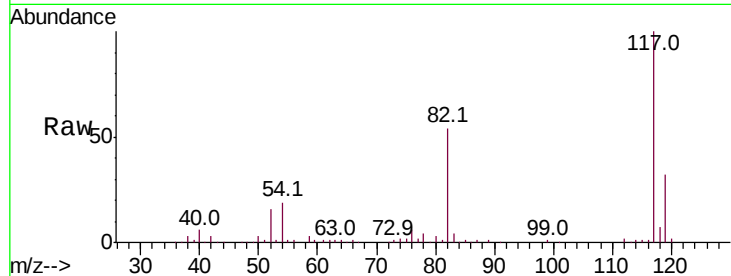




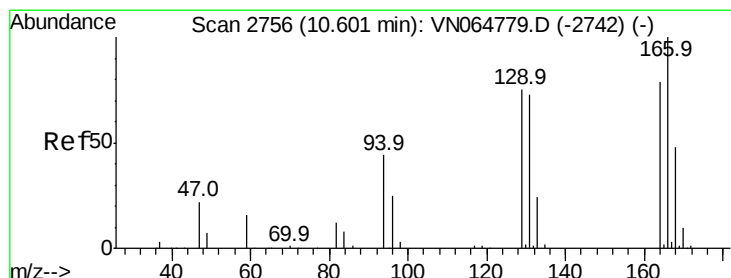
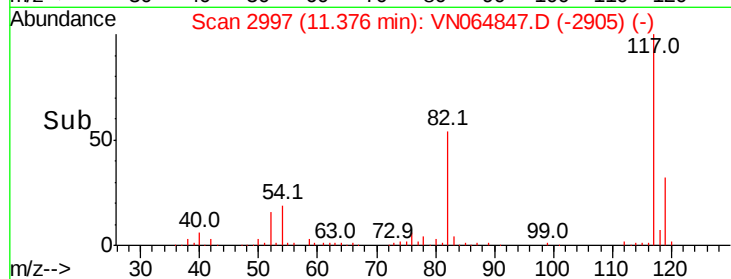
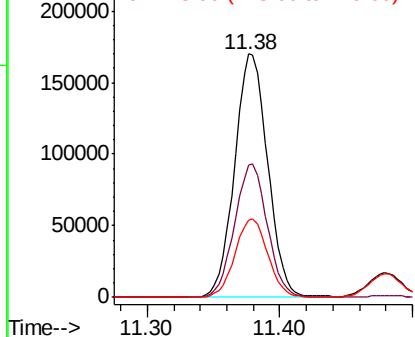
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion:117 Resp: 294756
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 31.9 25.8 38.6

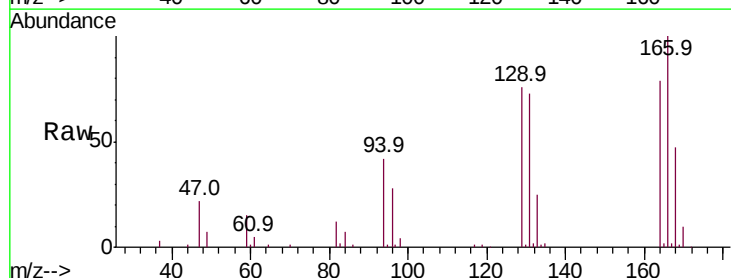


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

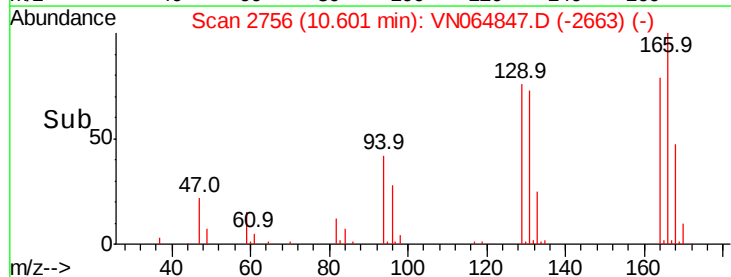
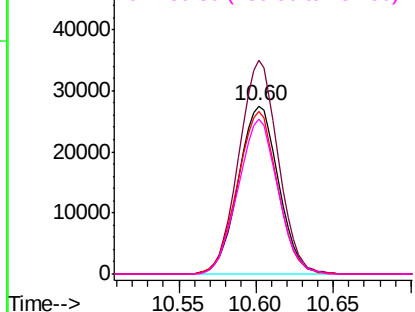


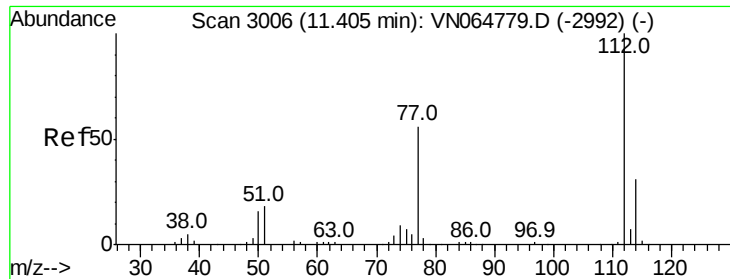
#64
Tetrachloroethene
Concen: 17.308 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Tgt Ion:164 Resp: 49634
Ion Ratio Lower Upper
164 100
166 127.1 101.4 152.0
129 96.9 76.1 114.1
131 92.2 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

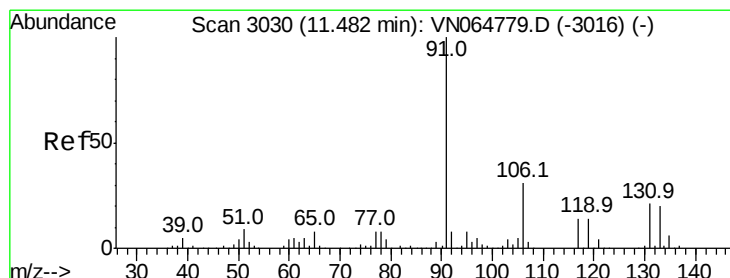
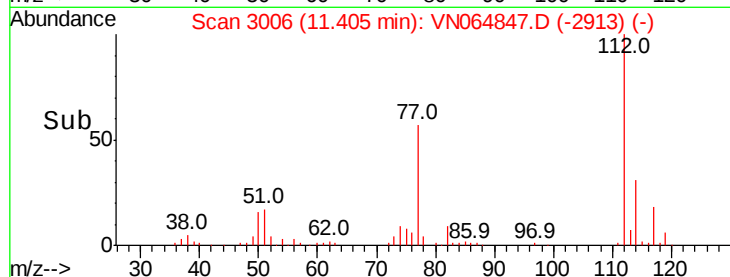
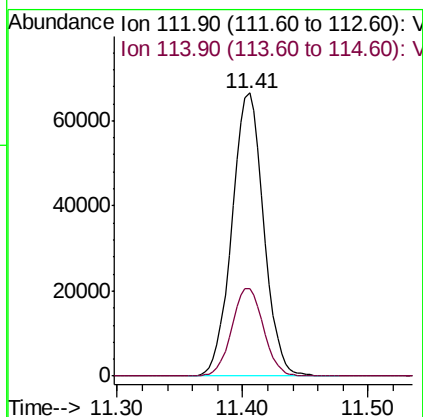
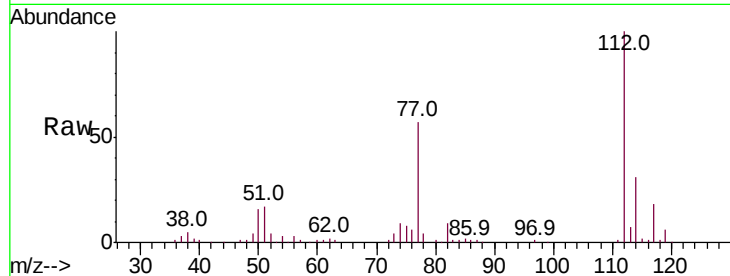




#65
Chlorobenzene
Concen: 18.403 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

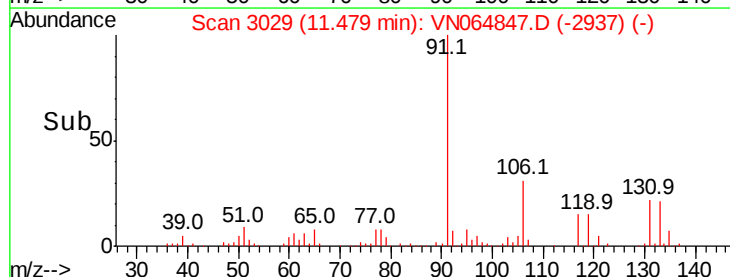
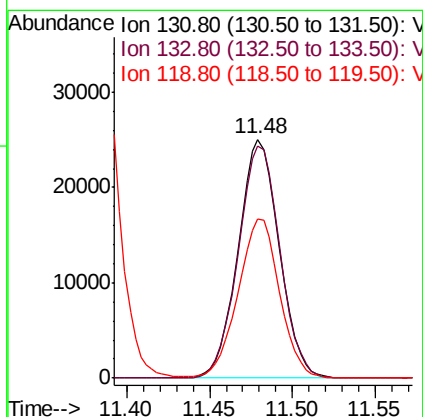
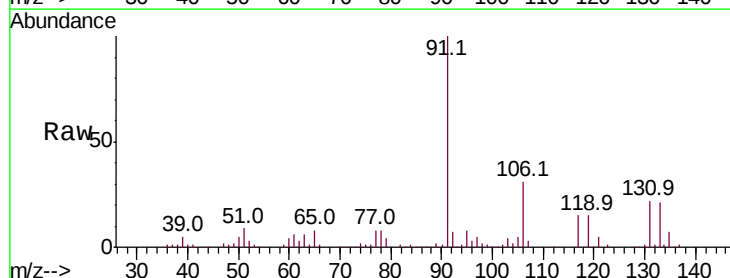
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

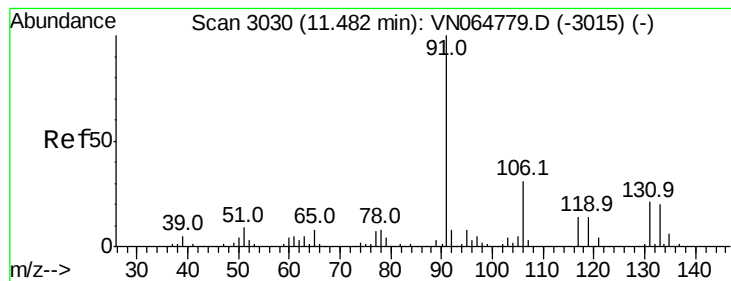
Tot Ion:112 Resp: 116490
Ion Ratio Lower Upper
112 100
114 30.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.582 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Tgt Ion:131 Resp: 43225
Ion Ratio Lower Upper
131 100
133 98.7 47.5 142.5
119 67.3 33.3 99.8





#67

Ethyl Benzene

Concen: 18.416 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

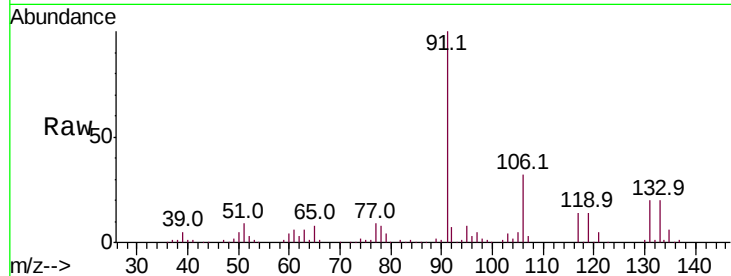
VN1125WBS01

Tot Ion: 91 Resp: 194738

Ion Ratio Lower Upper

91 100

106 31.7 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3015) (-)

Ion 106.00 (105.70 to 106.70): VN064779.D (-3015) (-)

150000

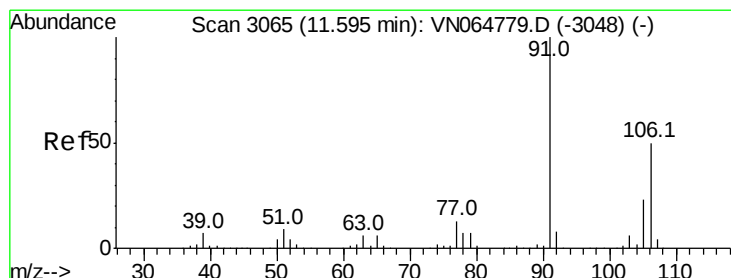
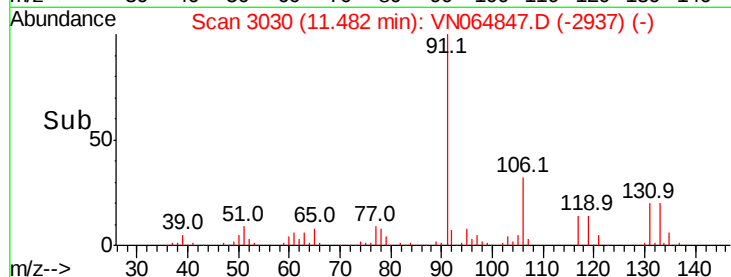
100000

50000

0

11.40 11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 38.447 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN064847.D

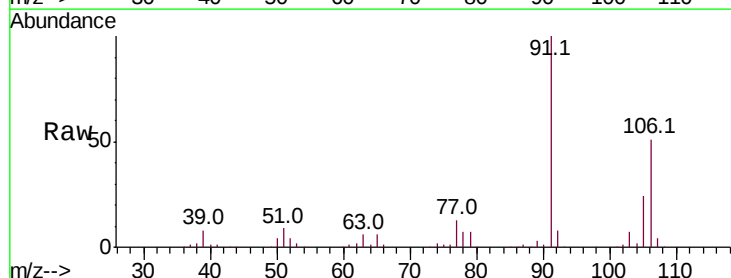
Acq: 25 Nov 2020 11:00

Tgt Ion: 106 Resp: 153924

Ion Ratio Lower Upper

106 100

91 196.1 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): VN064779.D (-3048) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-3048) (-)

150000

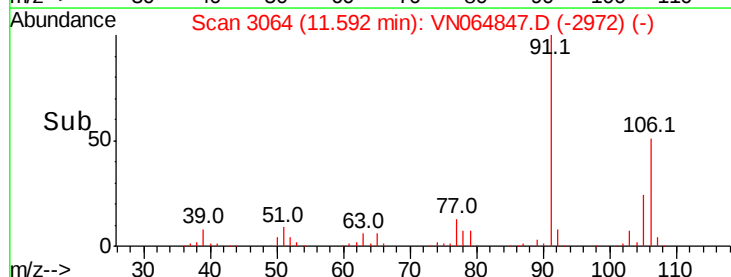
100000

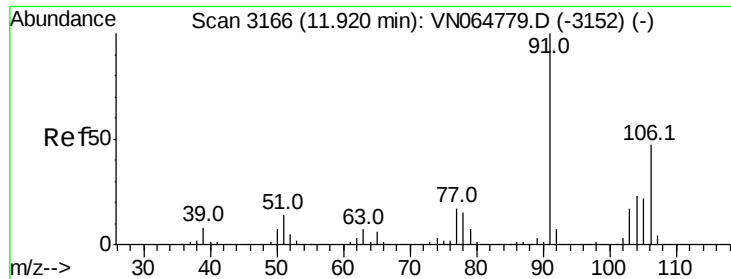
50000

0

11.50 11.55 11.60 11.65

Time-->

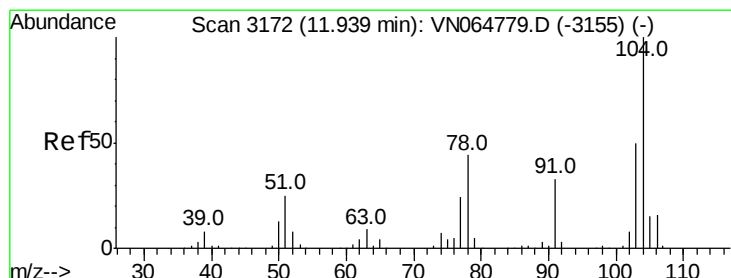
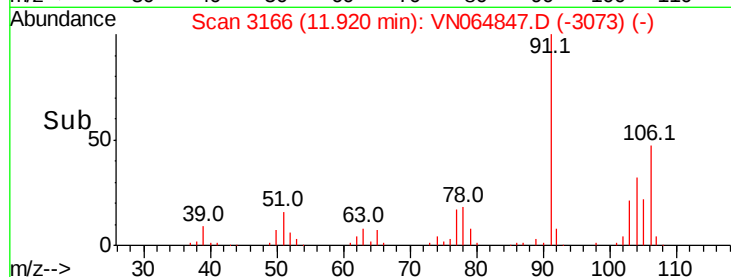
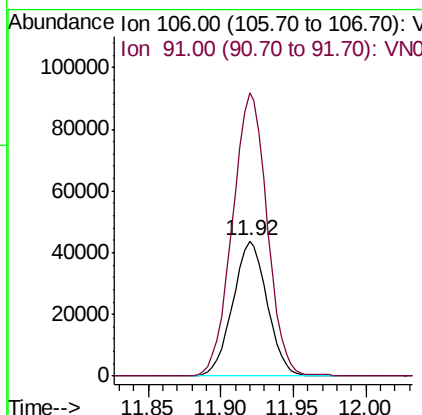
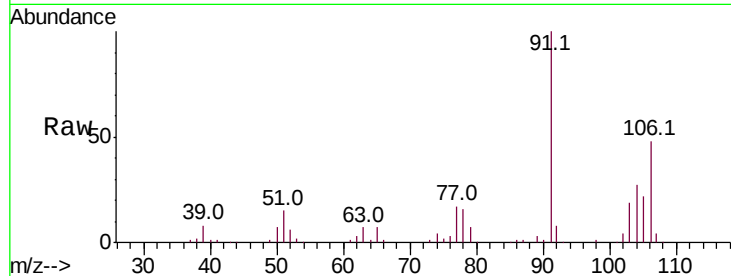




#69
o-Xylene
Concen: 18.988 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

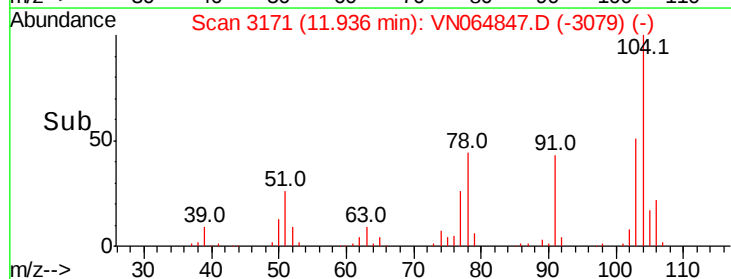
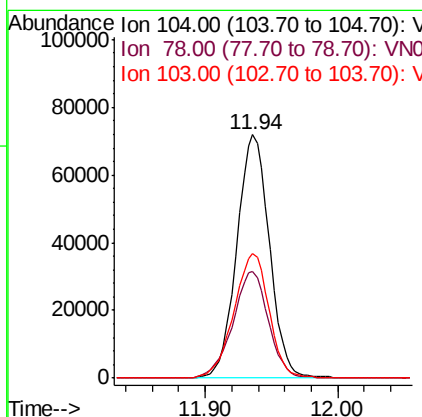
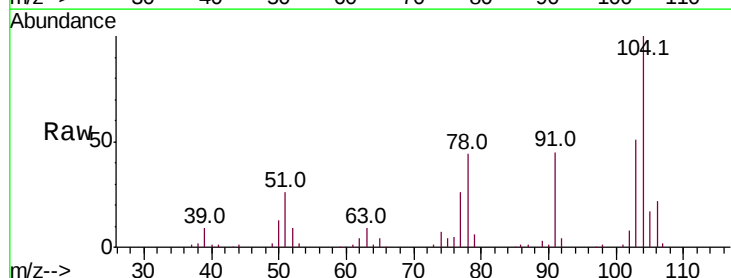
Instrument :
MSVOA_N
ClientSampled :
VN1125WBS01

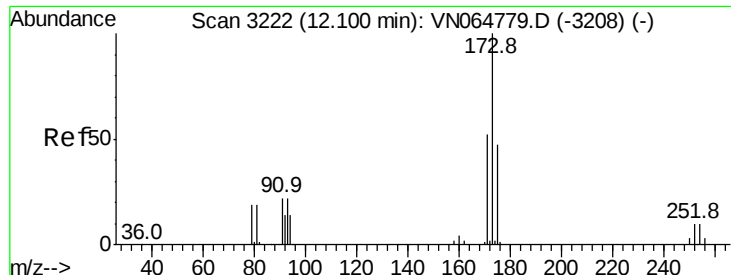
Tot Ion:106 Resp: 72140
Ion Ratio Lower Upper
106 100
91 211.3 105.5 316.5



#70
Styrene
Concen: 19.165 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Tgt Ion:104 Resp: 122917
Ion Ratio Lower Upper
104 100
78 47.7 39.0 58.6
103 55.1 44.3 66.5

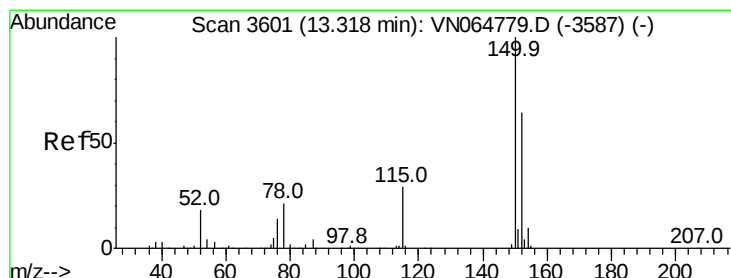
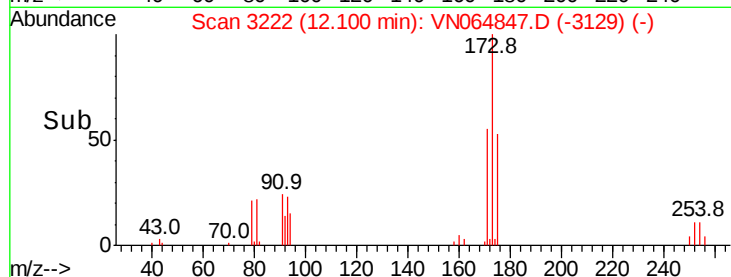
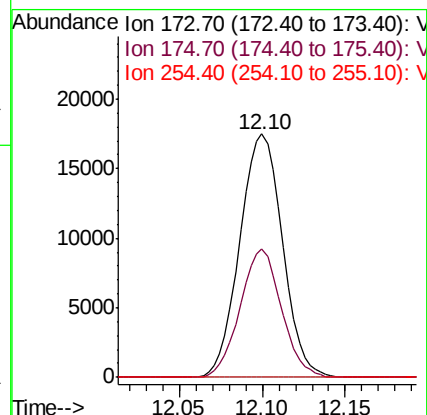
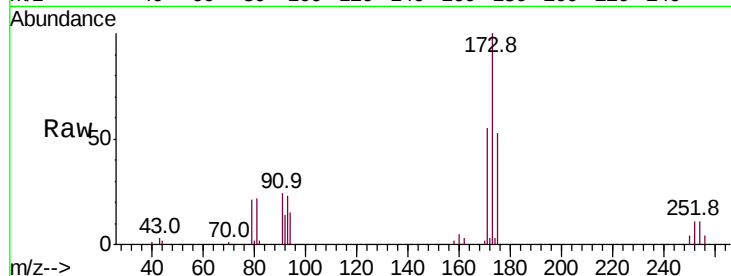




#71
Bromoform
Concen: 16.895 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

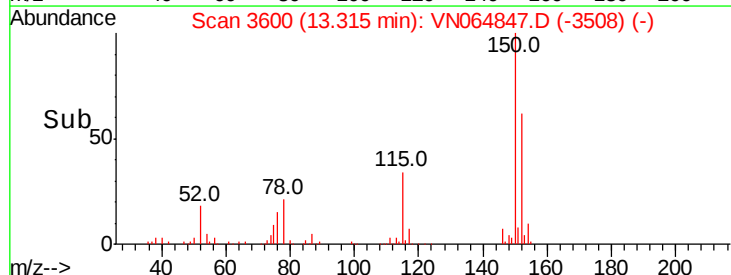
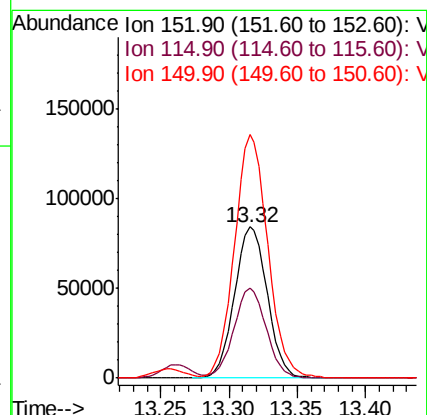
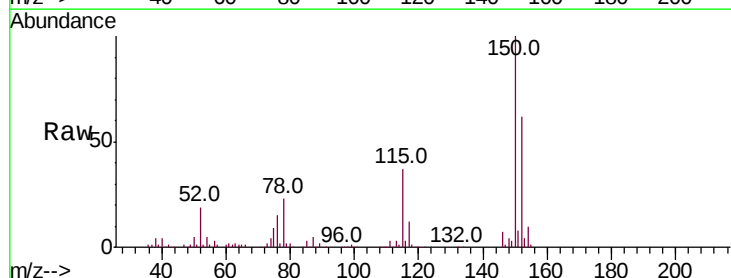
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

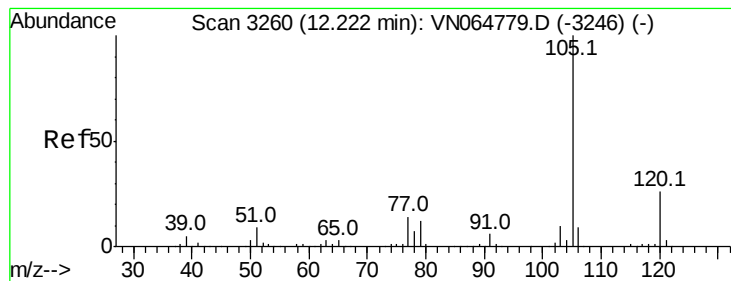
Tot Ion:173 Resp: 31390
Ion Ratio Lower Upper
173 100
175 50.7 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Tgt Ion:152 Resp: 140203
Ion Ratio Lower Upper
152 100
115 59.0 29.7 89.1
150 164.3 0.0 350.6





#73

Isopropylbenzene

Concen: 19.947 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

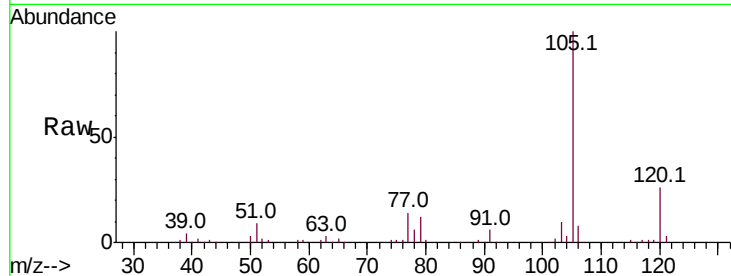
VN1125WBS01

Tot Ion:105 Resp: 194526

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

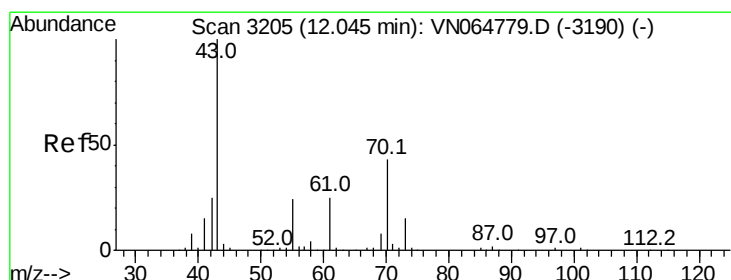
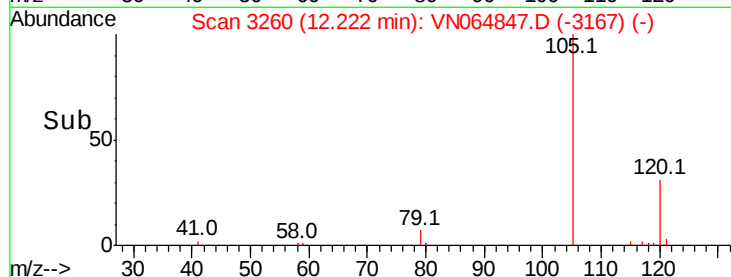
100000

50000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 17.847 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Tgt Ion: 43 Resp: 68494

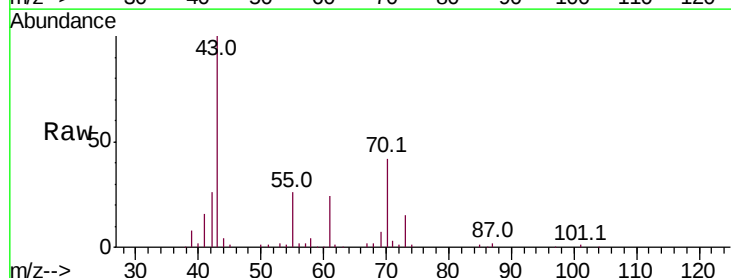
Ion Ratio Lower Upper

43 100

70 43.8 34.5 51.7

55 27.0 20.4 30.6

61 25.1 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

60000

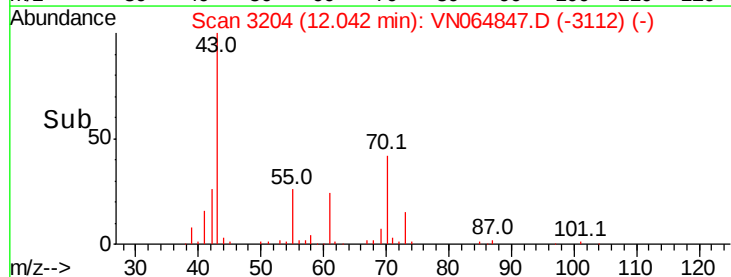
40000

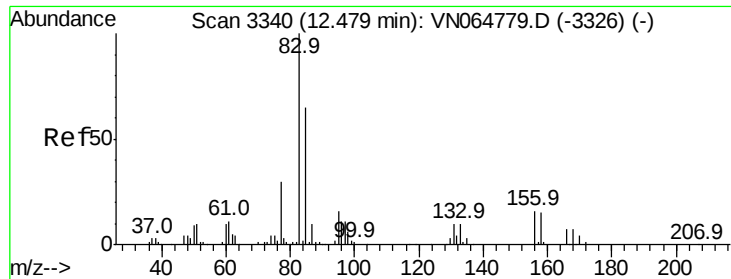
20000

0

Time-->

12.00 12.05 12.10

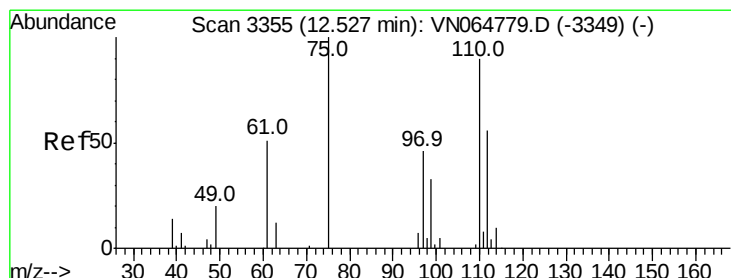
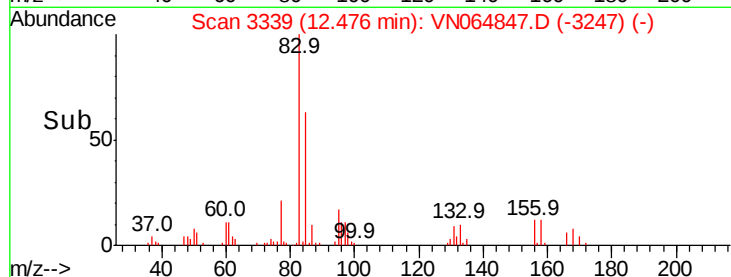
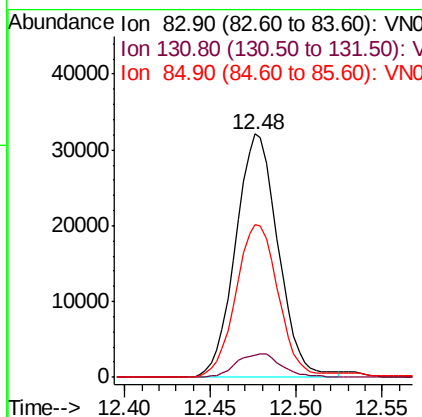
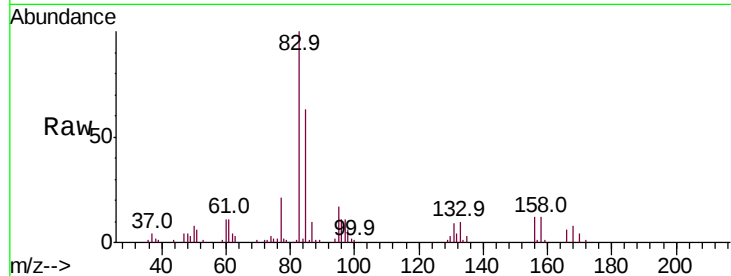




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.374 ug/l
 RT: 12.48 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

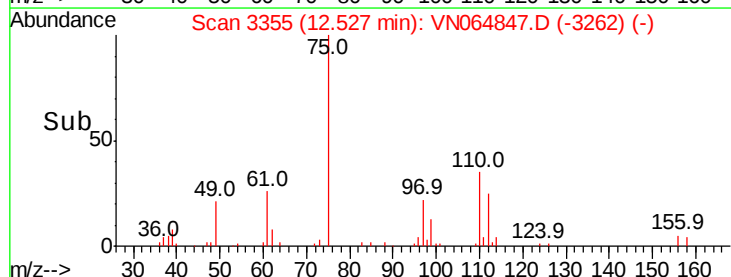
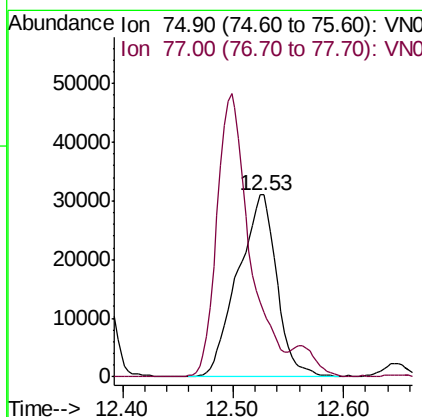
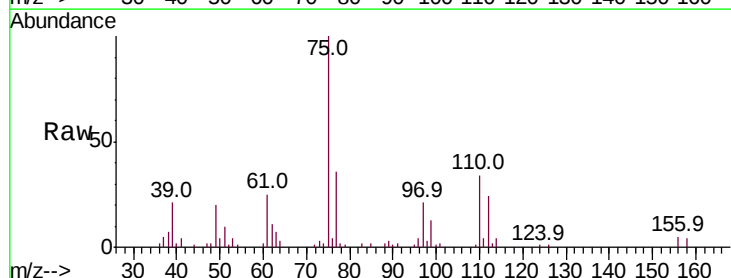
Instrument :
 MSVOA_N
 ClientSampled :
 VN1125WBS01

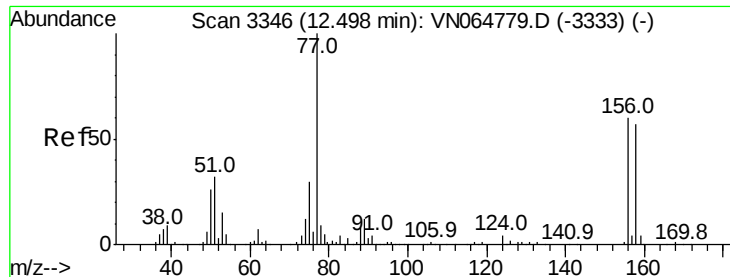
Tot Ion	83	Resp	55379
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.3
85	62.3	33.0	99.0



#76
 1,2,3-Trichloropropane
 Concen: 25.173 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

Tgt Ion	75	Resp	76007
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.003 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

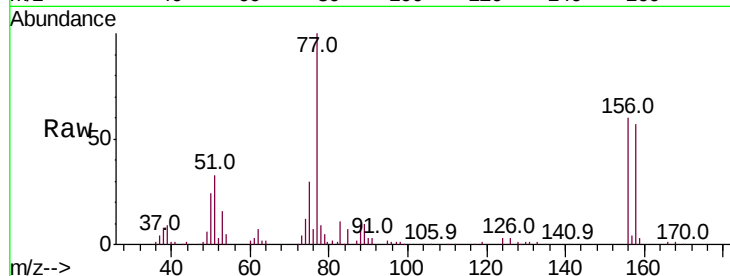
Tot Ion:156 Resp: 49961

Ion Ratio Lower Upper

156 100

77 198.0 101.3 303.7

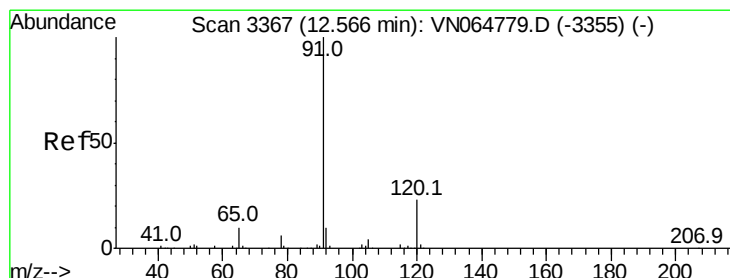
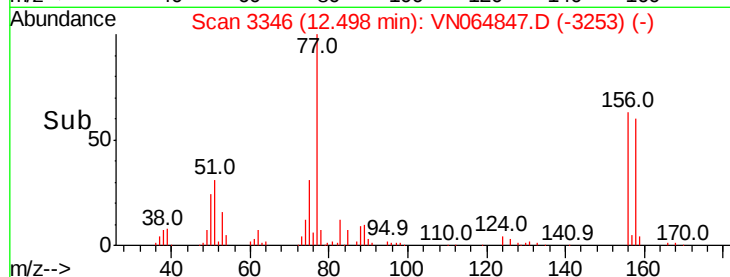
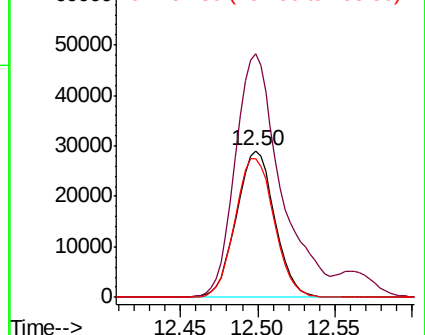
158 96.6 48.2 144.6



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: 19.369 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064847.D

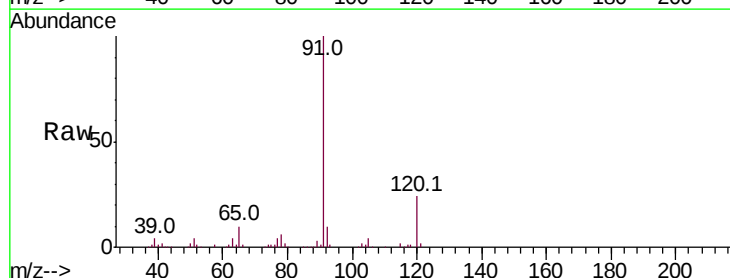
Acq: 25 Nov 2020 11:00

Tgt Ion: 91 Resp: 215183

Ion Ratio Lower Upper

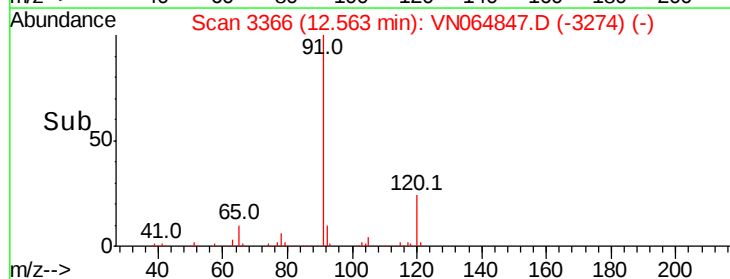
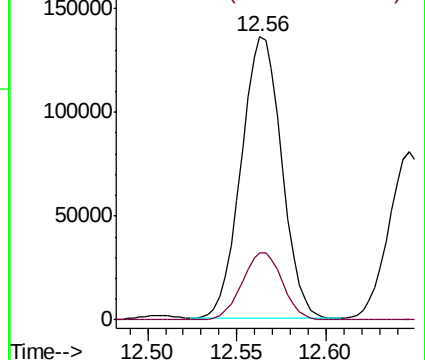
91 100

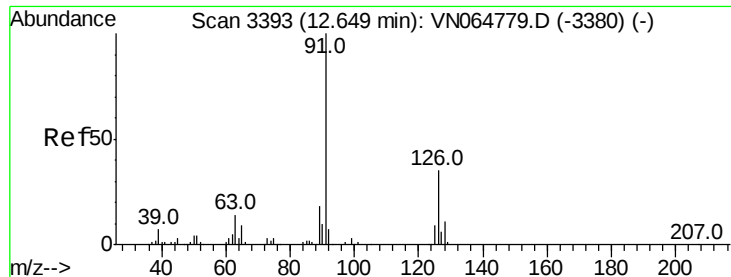
120 23.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

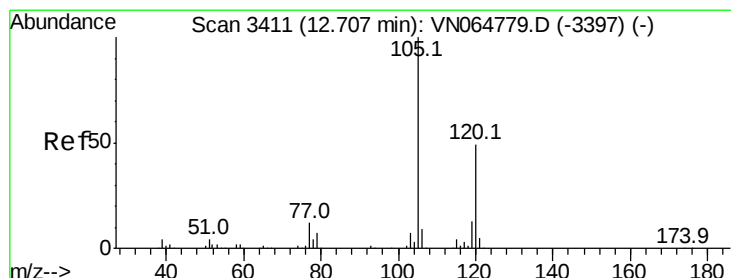
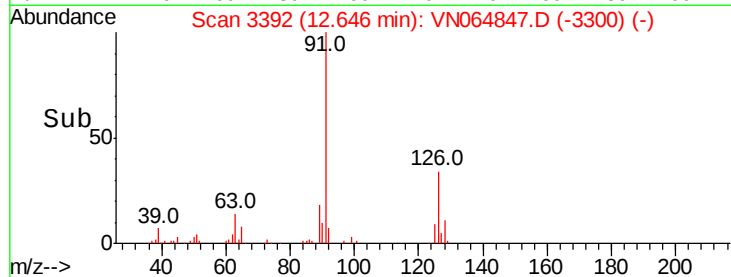
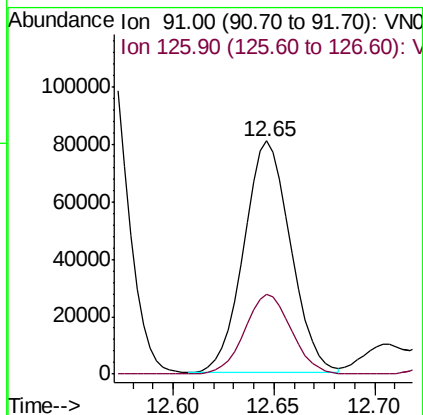
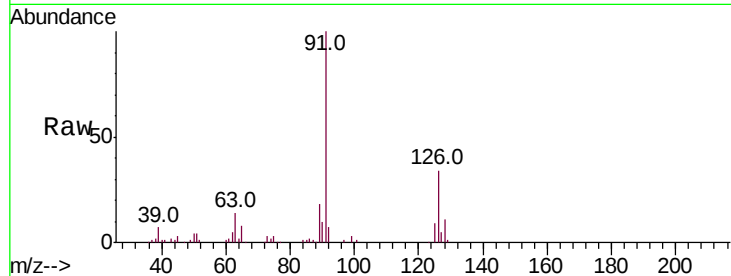




#79
 2-Chlorotoluene
 Concen: 19.111 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

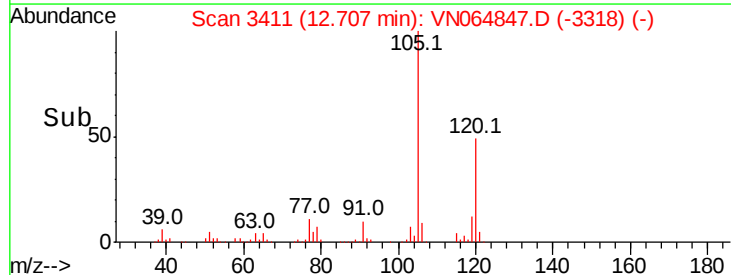
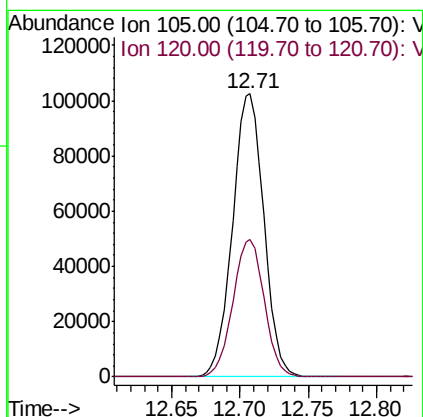
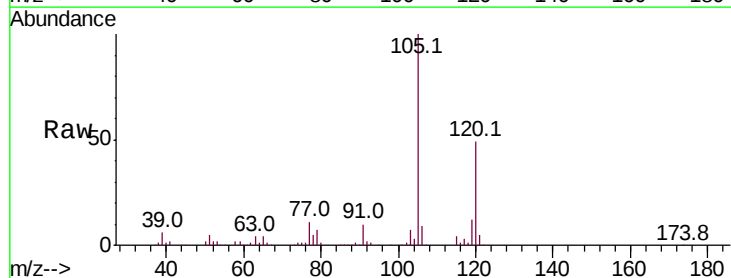
Instrument :
 MSVOA_N
 ClientSampled :
 VN1125WBS01

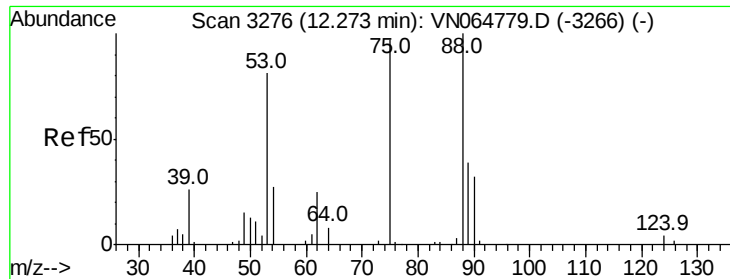
Tot Ion: 91 Resp: 131244
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.118 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

Tgt Ion:105 Resp: 163074
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.826 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

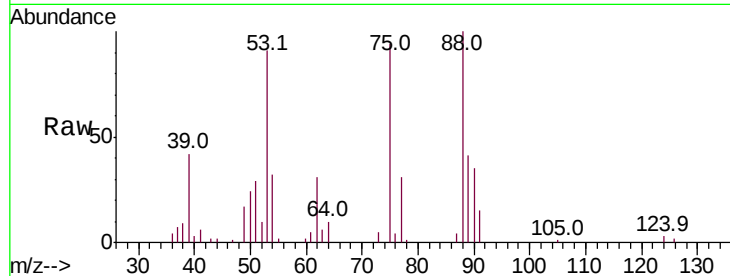
Tot Ion: 75 Resp: 18537

Ion Ratio Lower Upper

75 100

53 94.2 67.0 100.4

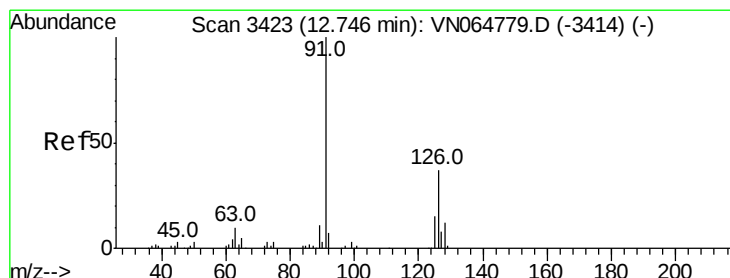
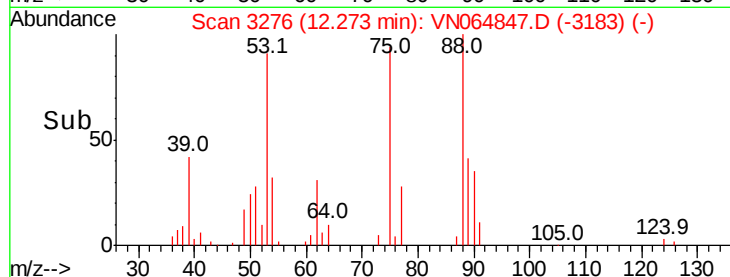
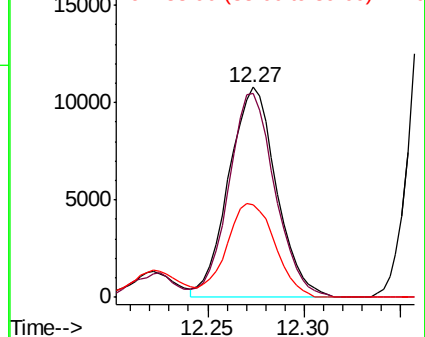
89 45.3 39.6 59.4



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: 18.931 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064847.D

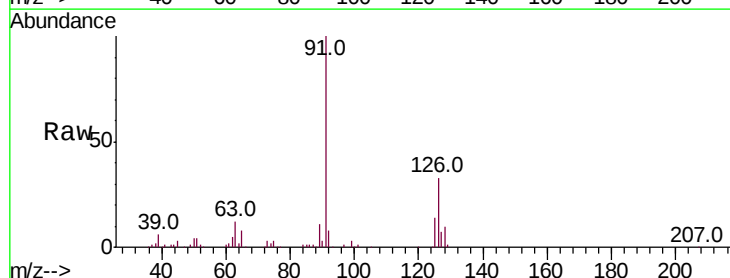
Acq: 25 Nov 2020 11:00

Tgt Ion: 91 Resp: 136267

Ion Ratio Lower Upper

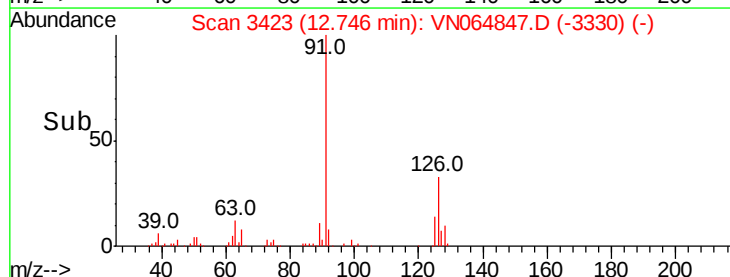
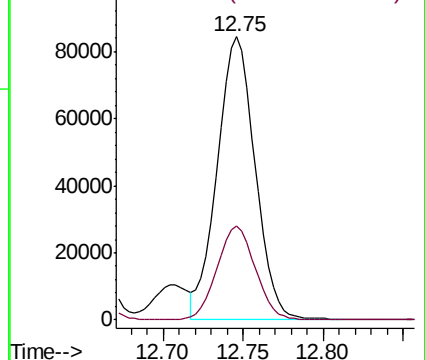
91 100

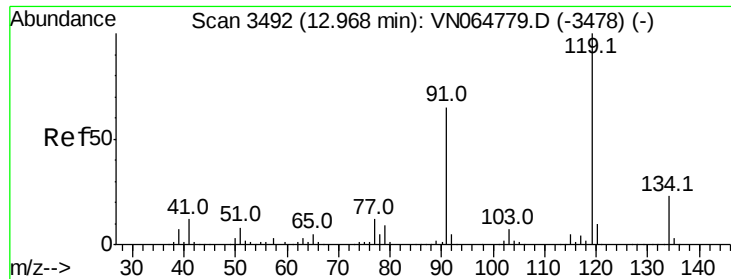
126 34.0 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

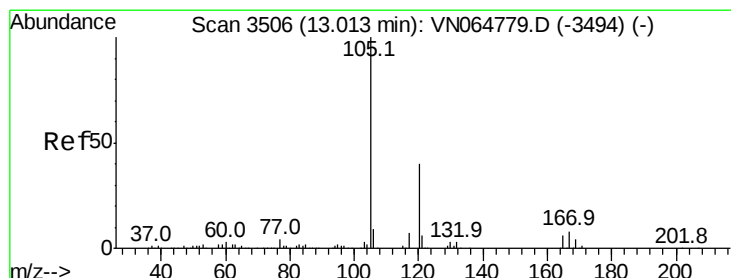
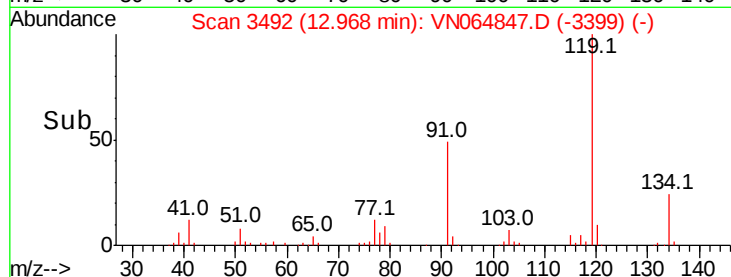
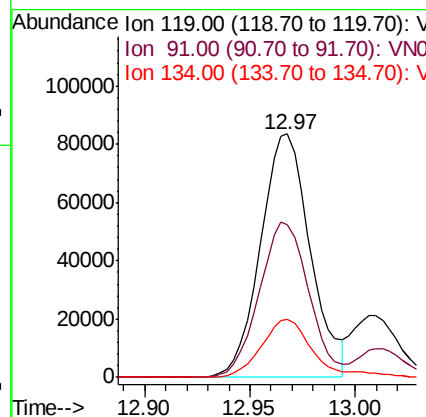
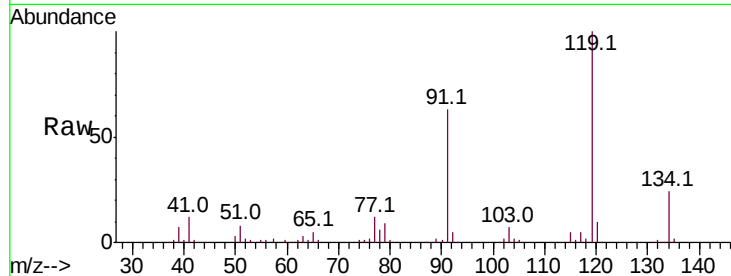




#83
 tert-Butylbenzene
 Concen: 20.205 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

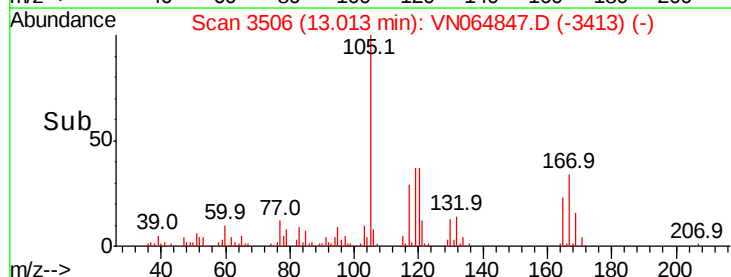
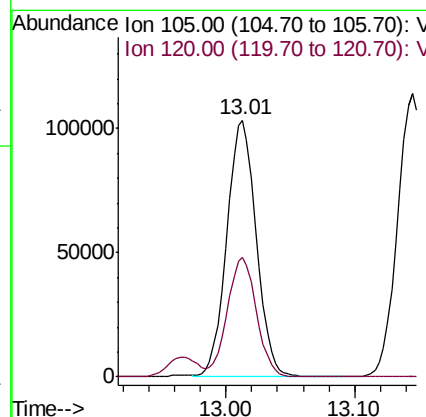
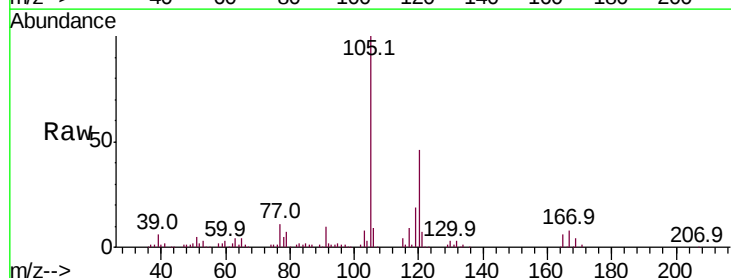
Instrument :
 MSVOA_N
 ClientSampled :
 VN1125WBS01

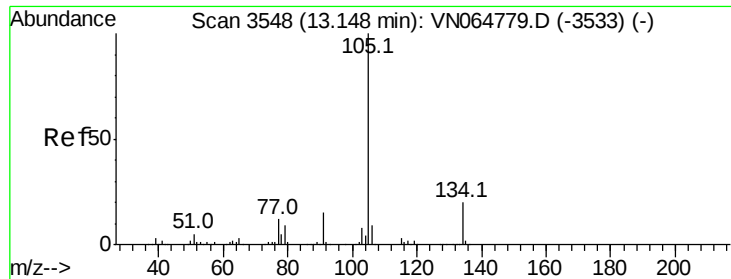
Tot Ion:119 Resp: 137280
 Ion Ratio Lower Upper
 119 100
 91 63.3 32.3 96.8
 134 24.9 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.967 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

Tgt Ion:105 Resp: 163641
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.856 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

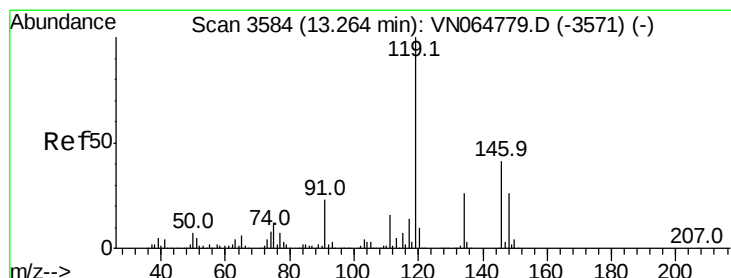
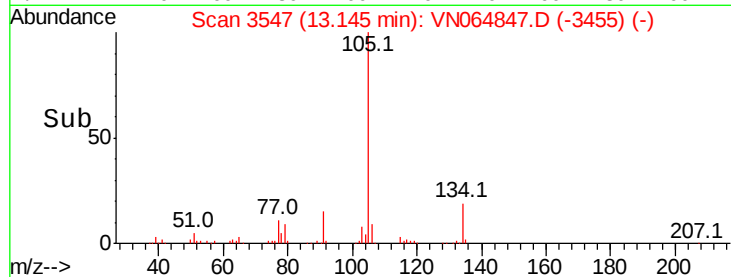
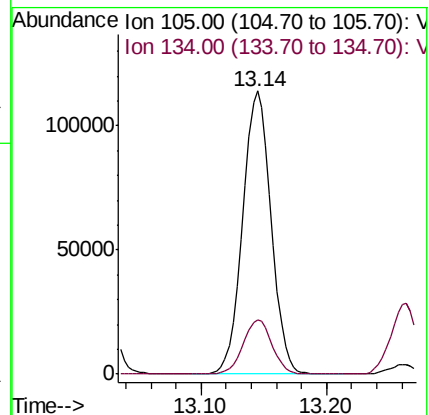
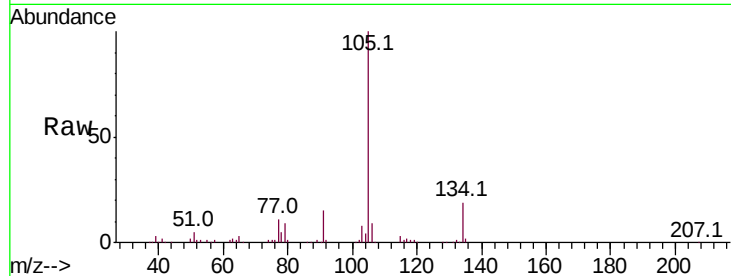
VN1125WBS01

Tot Ion:105 Resp: 179123

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.030 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

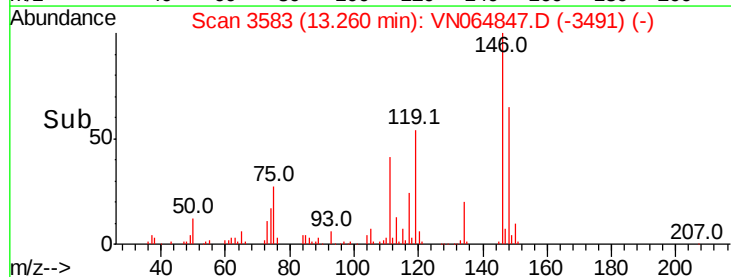
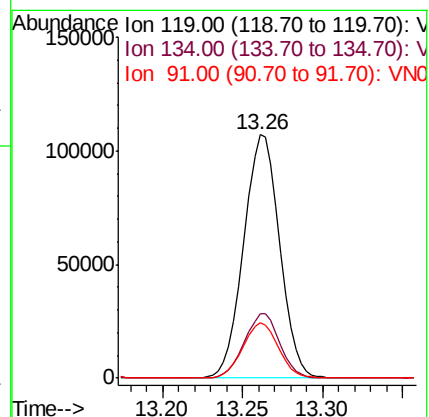
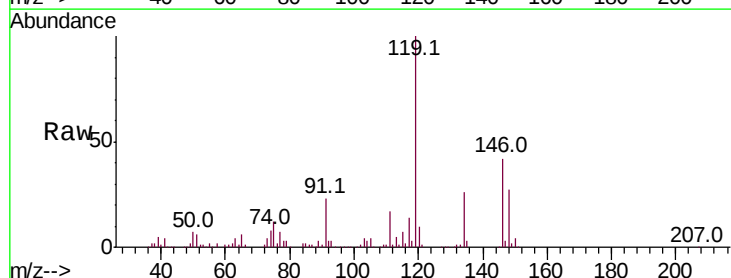
Tgt Ion:119 Resp: 164510

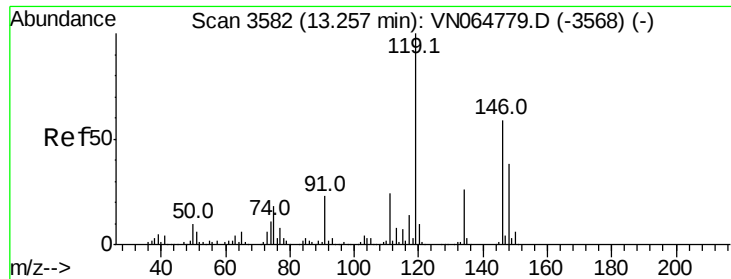
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 22.9 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 18.474 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

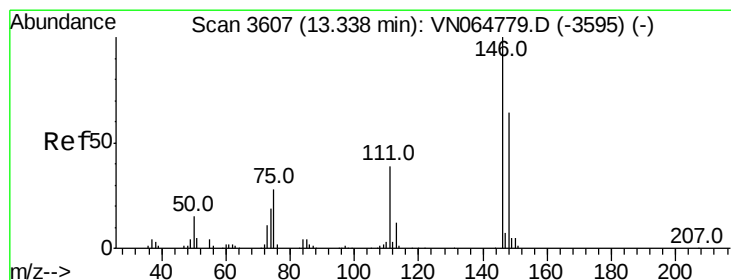
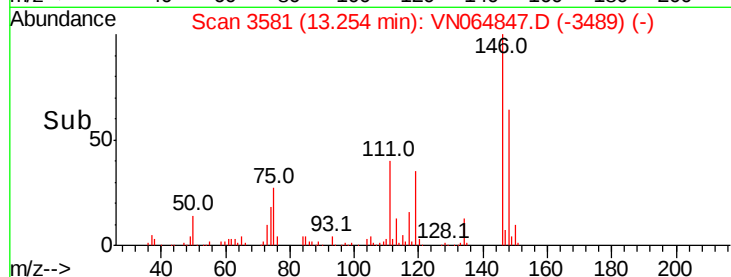
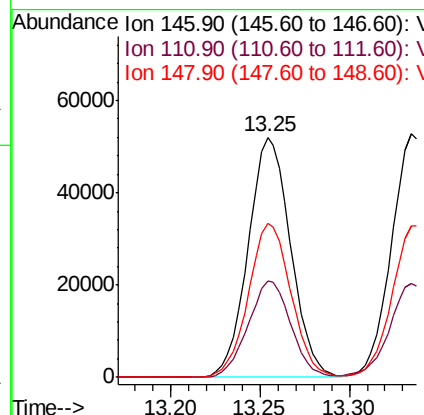
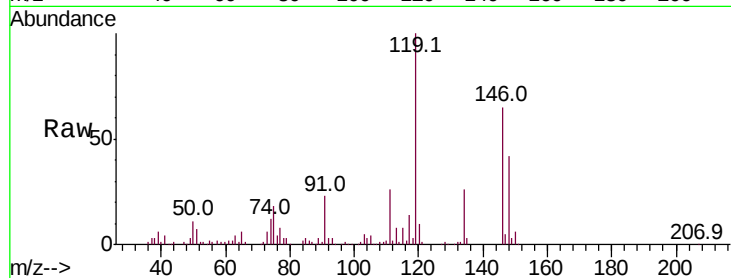
Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tot Ion:146 Resp: 86292

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.9
148	64.4	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 17.770 ug/l

RT: 13.33 min Scan# 3606

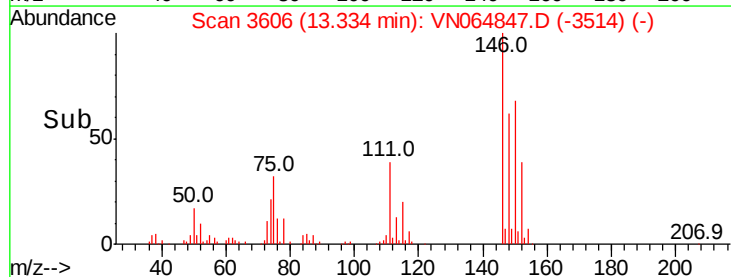
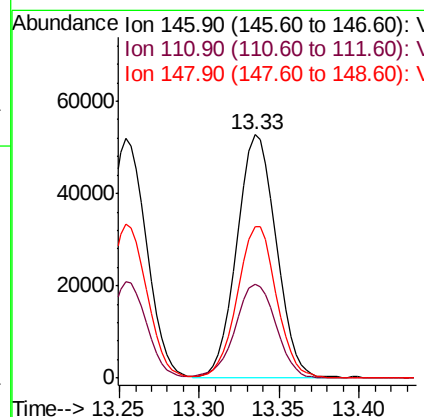
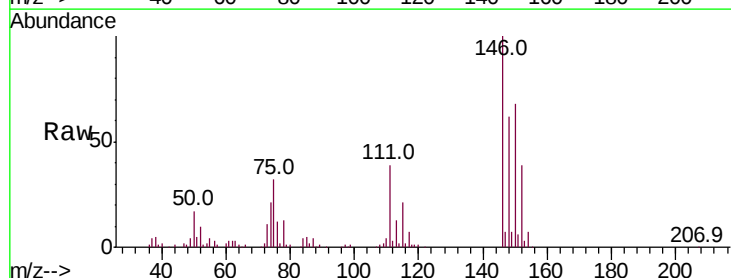
Delta R.T. -0.00 min

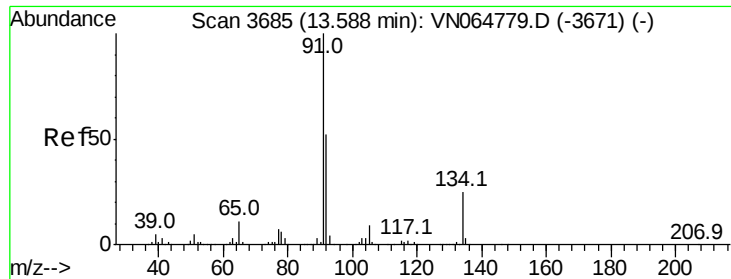
Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Tgt Ion:146 Resp: 87782

Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.8	59.3
148	62.6	31.9	95.5

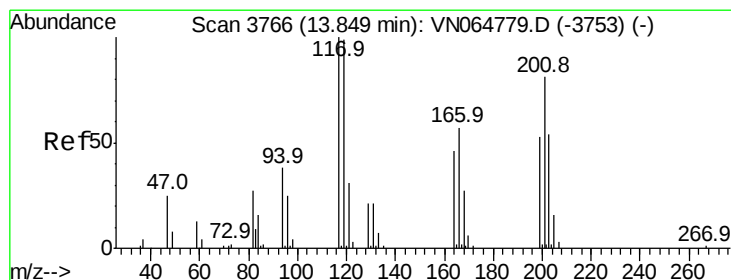
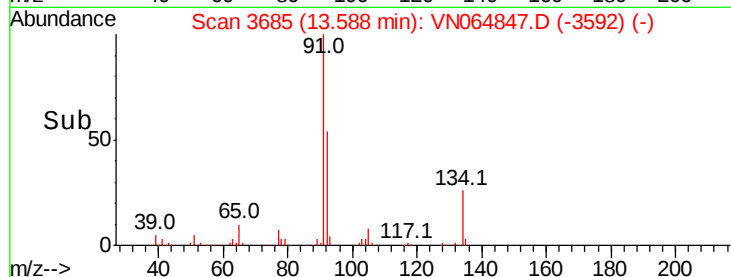
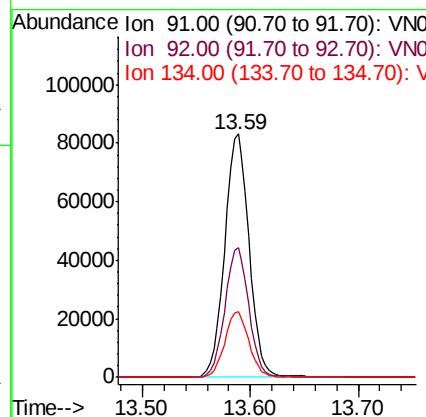
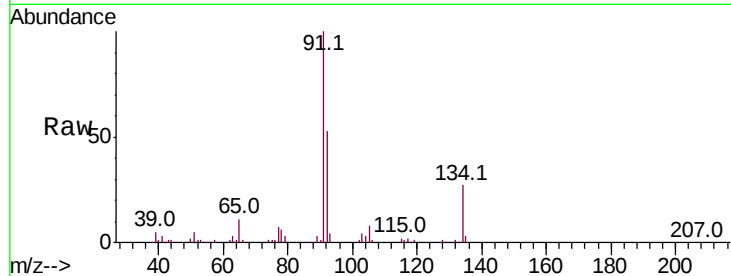




#89
n-Butylbenzene
Concen: 18.150 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

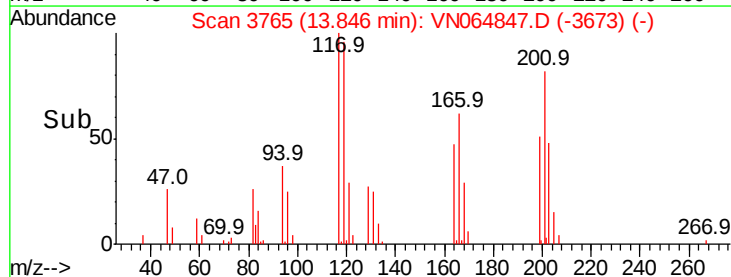
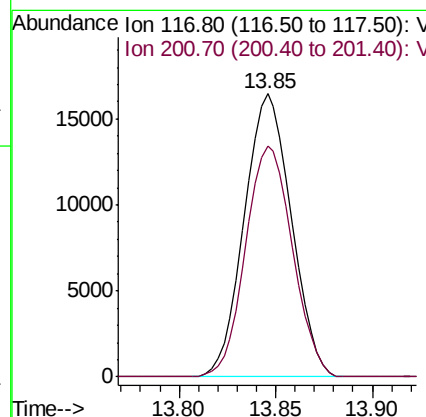
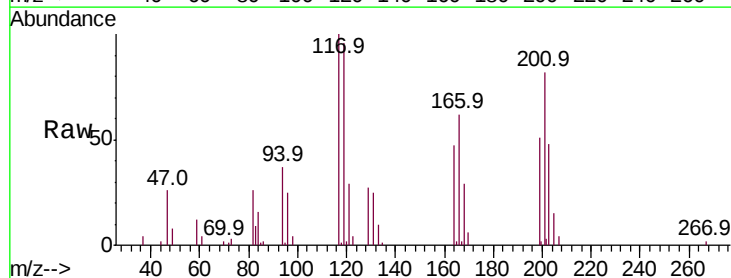
Instrument :
MSVOA_N
ClientSampled :
VN1125WBS01

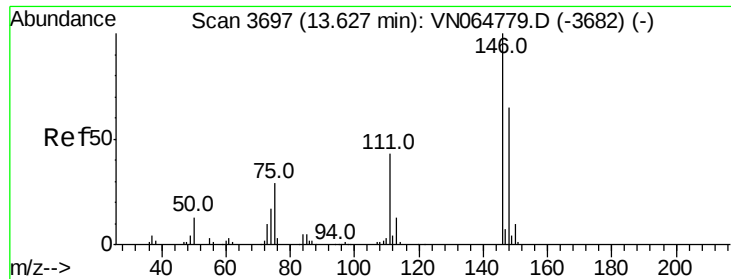
Tot Ion: 91 Resp: 130912
Ion Ratio Lower Upper
91 100
92 52.1 26.0 78.0
134 26.6 12.9 38.6



#90
Hexachloroethane
Concen: 19.508 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064847.D
Acq: 25 Nov 2020 11:00

Tgt Ion: 117 Resp: 27833
Ion Ratio Lower Upper
117 100
201 81.3 40.1 120.3

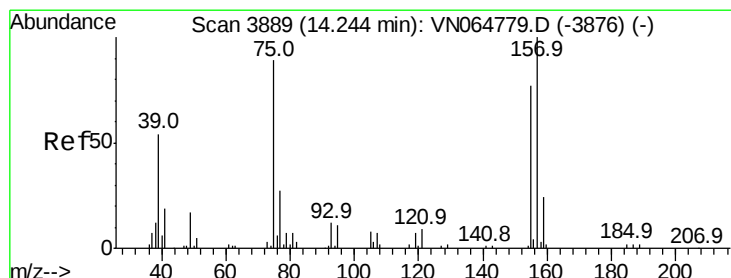
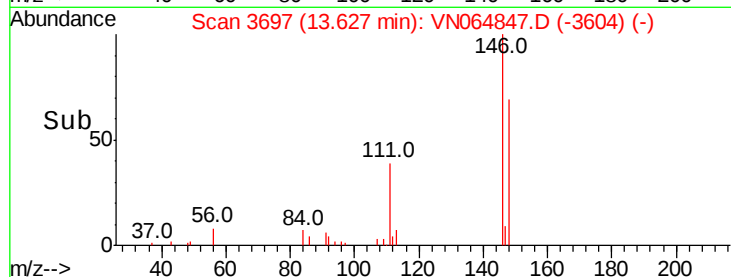
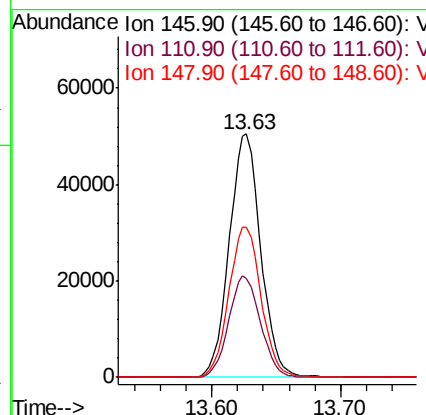
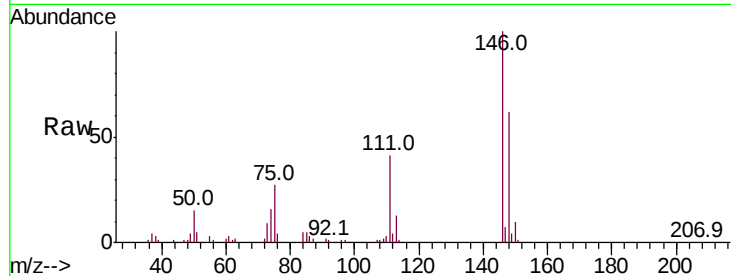




#91
 1,2-Dichlorobenzene
 Concen: 18.636 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

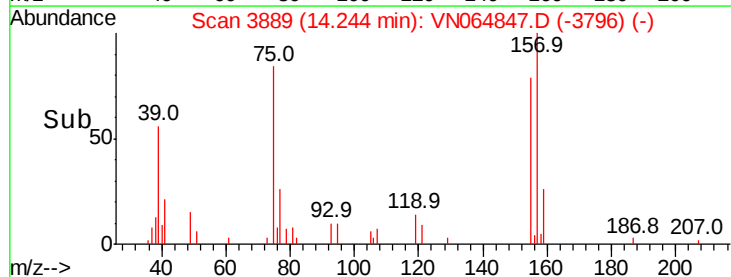
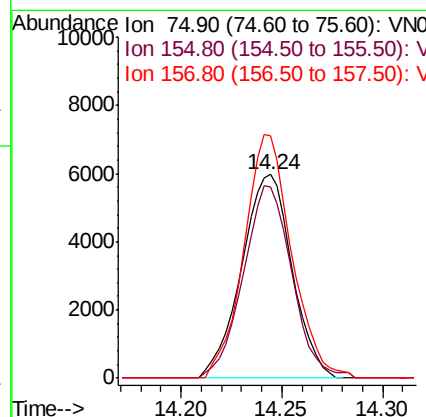
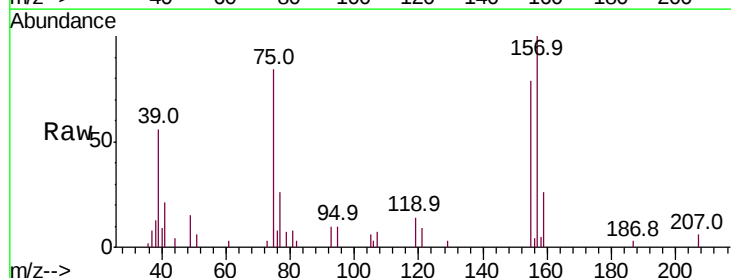
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

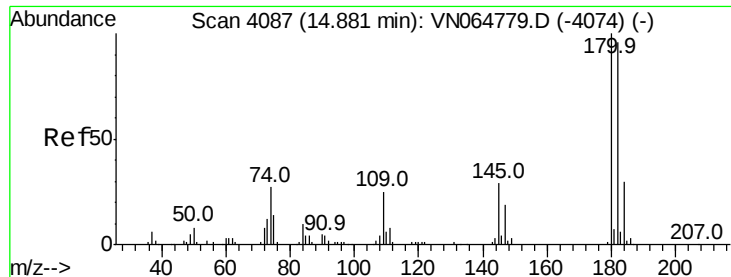
Tot Ion:146 Resp: 85477
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.1
 148 63.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.242 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

Tgt Ion: 75 Resp: 10446
 Ion Ratio Lower Upper
 75 100
 155 91.1 42.8 128.3
 157 113.1 56.4 169.1

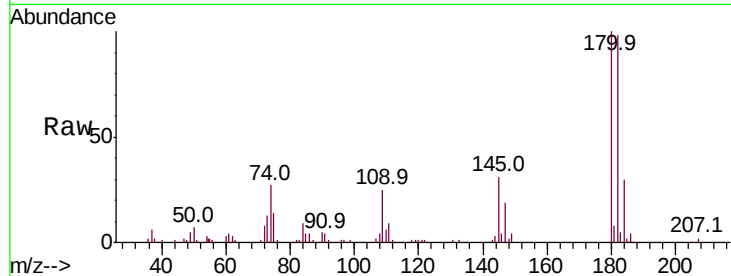




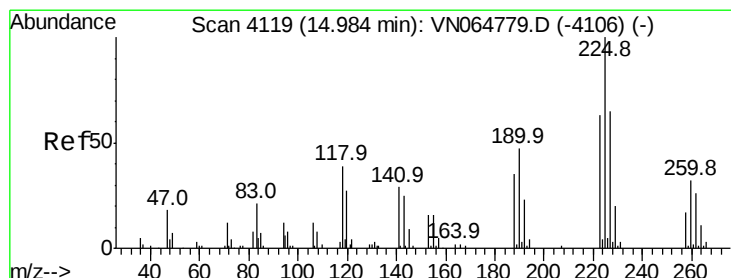
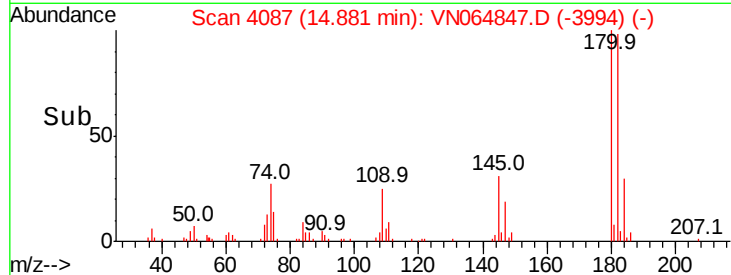
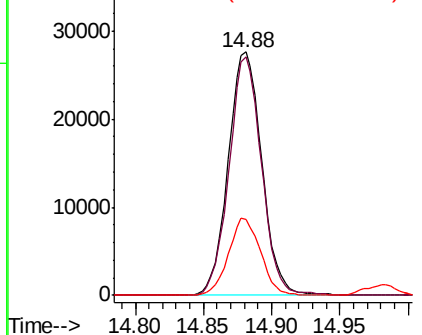
#93
 1,2,4-Trichlorobenzene
 Concen: 16.646 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Tot Ion:180 Resp: 47228
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.6 142.9
 145 30.1 15.3 45.8

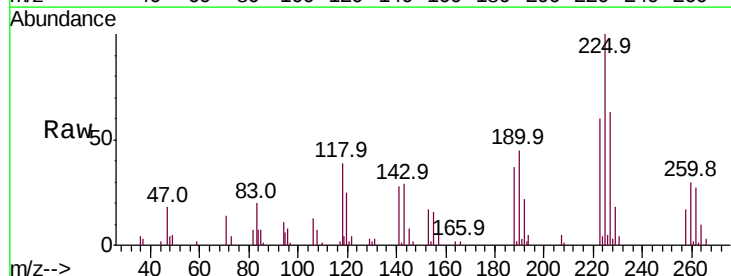


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

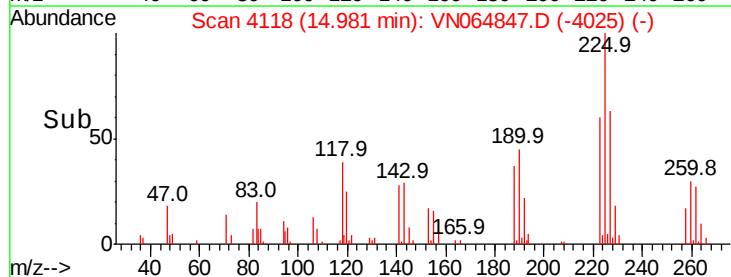
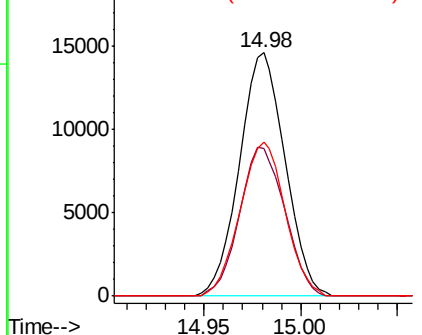


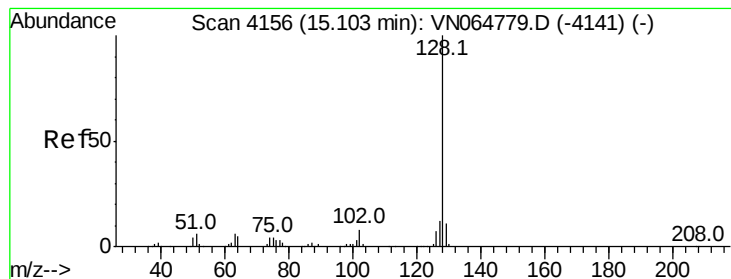
#94
 Hexachlorobutadiene
 Concen: 18.954 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064847.D
 Acq: 25 Nov 2020 11:00

Tgt Ion:225 Resp: 23919
 Ion Ratio Lower Upper
 225 100
 223 60.6 31.0 93.0
 227 62.5 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: 16.150 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

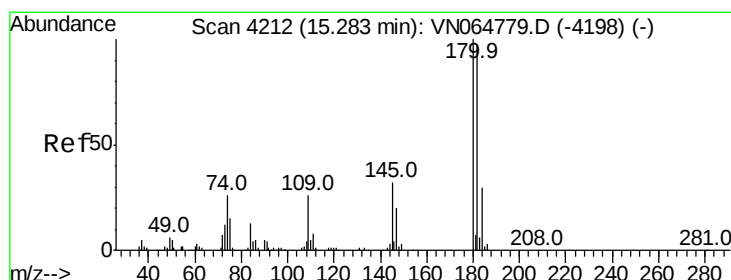
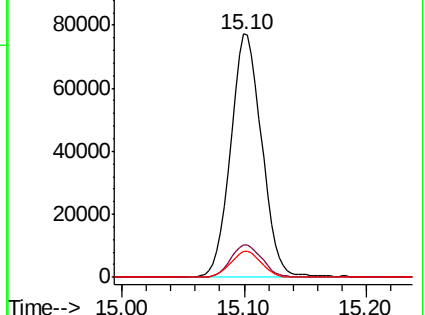
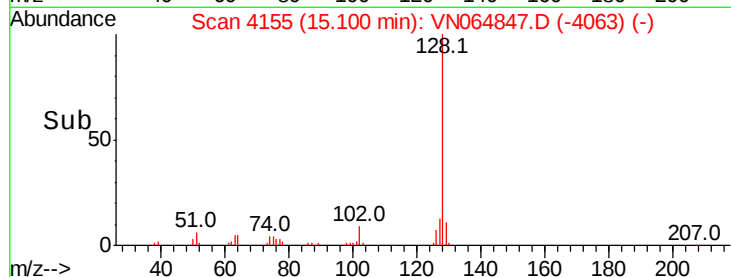
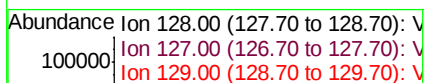
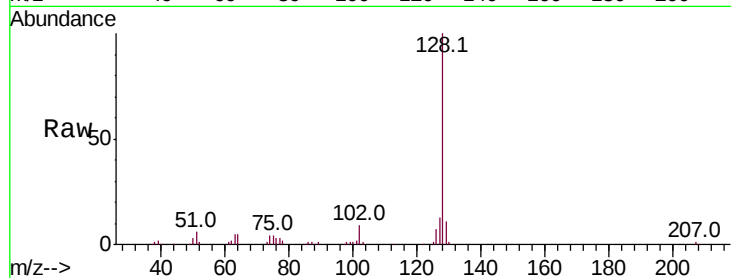
Tot Ion:128 Resp: 137280

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.759 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064847.D

Acq: 25 Nov 2020 11:00

Tgt Ion:180 Resp: 45393

Ion Ratio Lower Upper

180 100

182 96.9 48.1 144.4

145 31.7 16.4 49.1

