

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064848.D
 Acq On : 25 Nov 2020 11:28
 Operator : JC/MD
 Sample : VN1125WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Quant Time: Nov 26 03:40:28 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	182743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	280765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122848	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	100816	47.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.90%	
35) Dibromofluoromethane		7.55	113	87549	52.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.22%	
50) Toluene-d8		10.06	98	329293	47.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.94%	
62) 4-Bromofluorobenzene		12.37	95	114097	46.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	25422	16.051	ug/l	98
3) Chloromethane	2.04	50	32618	15.848	ug/l	99
4) Vinyl Chloride	2.17	62	34910	16.269	ug/l	97
5) Bromomethane	2.53	94	22922	16.282	ug/l	97
6) Chloroethane	2.68	64	22228	16.749	ug/l	94
7) Trichlorofluoromethane	2.99	101	50646	17.075	ug/l	98
8) Diethyl Ether	3.37	74	20661	17.647	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	31823	17.885	ug/l	98
10) Methyl Iodide	3.91	142	32315	14.002	ug/l	98
11) Tert butyl alcohol	4.74	59	25662	77.453	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	29931	16.890	ug/l	99
13) Acrolein	3.56	56	15310	75.651	ug/l	97
14) Allyl chloride	4.27	41	47858	16.374	ug/l	97
15) Acrylonitrile	4.94	53	77909	85.120	ug/l	99
16) Acetone	3.78	43	60554	86.706	ug/l	99
17) Carbon Disulfide	4.01	76	77498	16.941	ug/l	99
18) Methyl Acetate	4.28	43	35590	16.950	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	98230	17.284	ug/l	97
20) Methylene Chloride	4.50	84	36375	16.621	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	32508	16.519	ug/l	99
22) Diisopropyl ether	5.90	45	104356	17.838	ug/l	96
23) Vinyl Acetate	5.84	43	414306	88.562	ug/l	99
24) 1,1-Dichloroethane	5.80	63	61822	17.683	ug/l	99
25) 2-Butanone	6.79	43	96625	85.349	ug/l	97
26) 2,2-Dichloropropane	6.77	77	50753	16.738	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	38786	17.516	ug/l	97
28) Bromochloromethane	7.15	49	29181	18.245	ug/l	95
29) Tetrahydrofuran	7.17	42	65657	84.015	ug/l	98
30) Chloroform	7.33	83	63748	17.681	ug/l	96
31) Cyclohexane	7.61	56	50534	17.066	ug/l	95
32) 1,1,1-Trichloroethane	7.52	97	54629	17.642	ug/l	99
36) 1,1-Dichloropropene	7.75	75	46378	17.821	ug/l	98
37) Ethyl Acetate	6.88	43	41057	16.378	ug/l #	94
38) Carbon Tetrachloride	7.73	117	48742	18.001	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	49543	17.684	ug/l	99
40) Benzene	8.00	78	140186	17.579	ug/l	98
41) Methacrylonitrile	7.13	41	19964	17.259	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	49479	18.392	ug/l	97
43) Isopropyl Acetate	8.13	43	67709	16.785	ug/l	99
44) Trichloroethene	8.80	130	40427	17.181	ug/l	96
45) 1,2-Dichloropropane	9.08	63	38489	18.637	ug/l	98
46) Dibromomethane	9.17	93	25823	18.717	ug/l	95
47) Bromodichloromethane	9.37	83	49622	17.875	ug/l	98
48) Methyl methacrylate	9.17	41	32957	17.098	ug/l	99
49) 1,4-Dioxane	9.17	88	12116	332.584	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	209088	86.340	ug/l	100
52) Toluene	10.12	92	88133	17.946	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	53940	17.445	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	58581	17.676	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	36571	18.109	ug/l	95
56) Ethyl methacrylate	10.40	69	47735	17.129	ug/l	97
57) 1,3-Dichloropropane	10.68	76	60492	18.158	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	140346	91.552	ug/l	99
59) 2-Hexanone	10.72	43	149513	85.787	ug/l	99
60) Dibromochloromethane	10.87	129	40306	17.955	ug/l	98
61) 1,2-Dibromoethane	10.97	107	36032	17.561	ug/l	96
64) Tetrachloroethene	10.60	164	41032	16.411	ug/l	95
65) Chlorobenzene	11.40	112	97139	17.601	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	36230	17.863	ug/l	98
67) Ethyl Benzene	11.48	91	159776	17.330	ug/l	97
68) m/p-Xylenes	11.59	106	125402	35.925	ug/l	99
69) o-Xylene	11.92	106	59608	17.995	ug/l	99
70) Styrene	11.94	104	99726	17.834	ug/l	99
71) Bromoform	12.10	173	26806	16.547	ug/l #	99
73) Isopropylbenzene	12.22	105	159652	18.684	ug/l	99
74) N-amyl acetate	12.04	43	56144	16.696	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	44811	17.892	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	64040	24.206	ug/l #	100
77) Bromobenzene	12.50	156	41484	18.008	ug/l	100
78) n-propylbenzene	12.56	91	177675	18.252	ug/l	99
79) 2-Chlorotoluene	12.65	91	107763	17.909	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	134236	18.900	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	14971	15.509	ug/l	93
82) 4-Chlorotoluene	12.75	91	114108	18.092	ug/l	99
83) tert-Butylbenzene	12.97	119	109178	18.339	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	136832	19.054	ug/l	99
85) sec-Butylbenzene	13.14	105	146325	18.512	ug/l	98
86) p-Isopropyltoluene	13.26	119	135968	18.894	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	72635	17.747	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	72692	16.794	ug/l	98
89) n-Butylbenzene	13.59	91	110806	17.533	ug/l	99
90) Hexachloroethane	13.85	117	23018	18.412	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	71044	17.678	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	8925	15.837	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

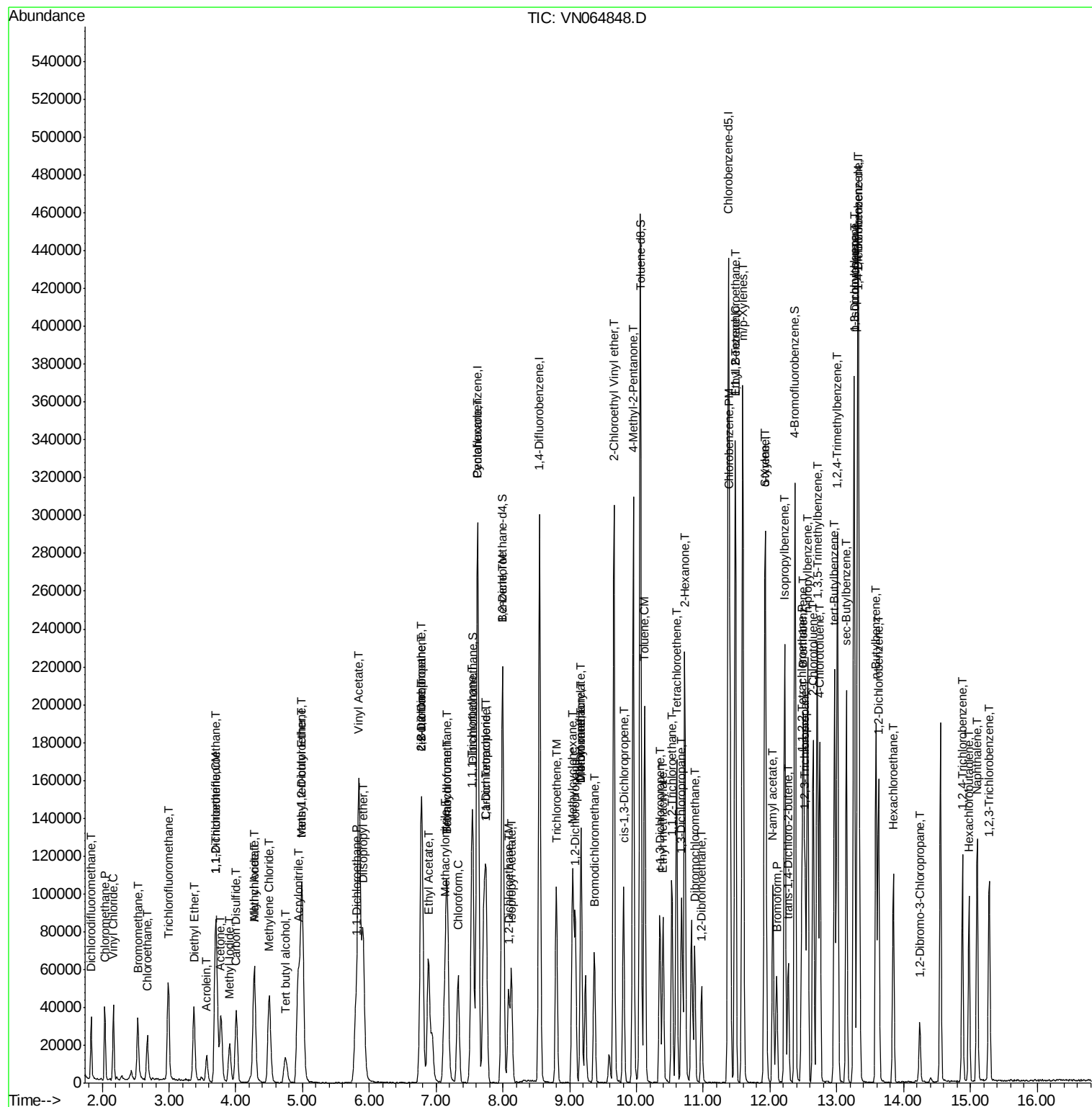
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	39095	15.726	ug/l	98
94) Hexachlorobutadiene	14.98	225	20056	18.154	ug/l	99
95) Naphthalene	15.10	128	113982	15.304	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	39540	17.662	ug/l	98

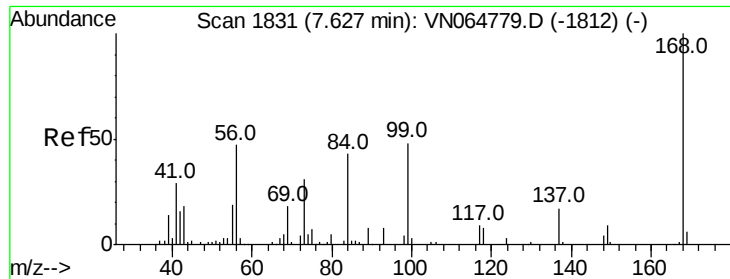
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

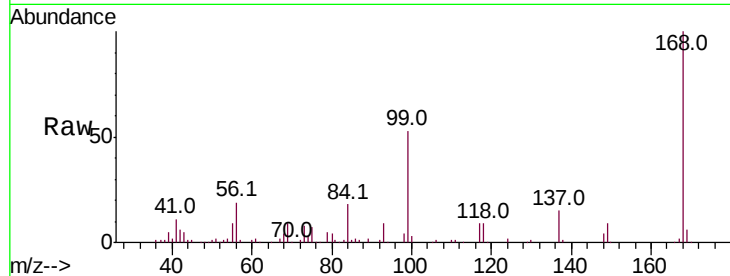
VN1125WBSD01

Tot Ion:168 Resp: 182743

Ion Ratio Lower Upper

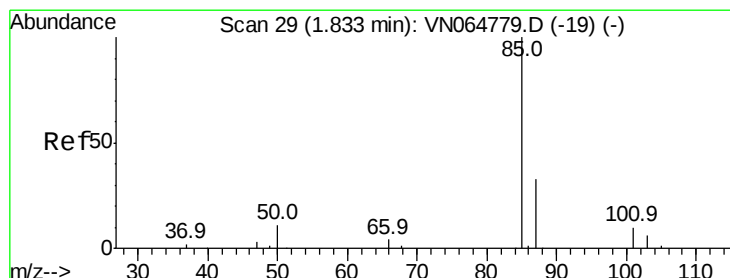
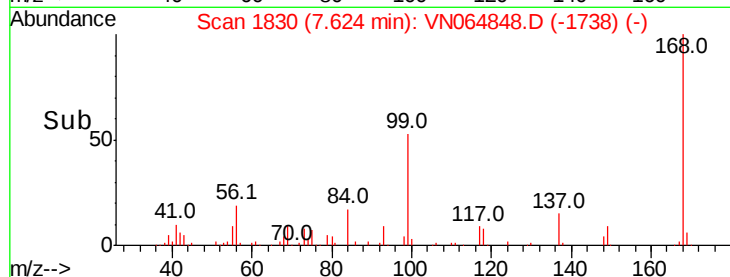
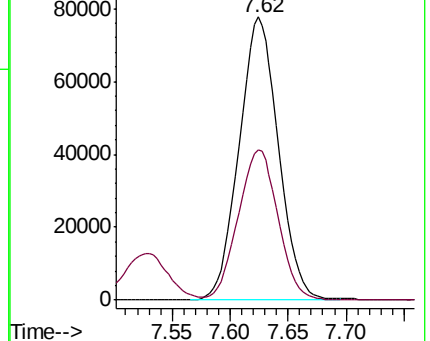
168 100

99 53.0 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 16.051 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064848.D

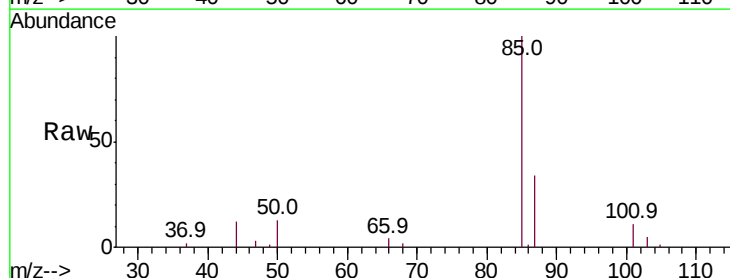
Acq: 25 Nov 2020 11:28

Tgt Ion: 85 Resp: 25422

Ion Ratio Lower Upper

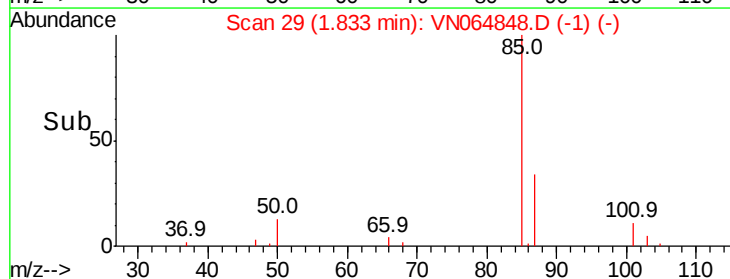
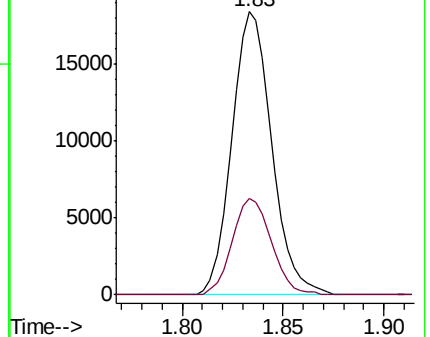
85 100

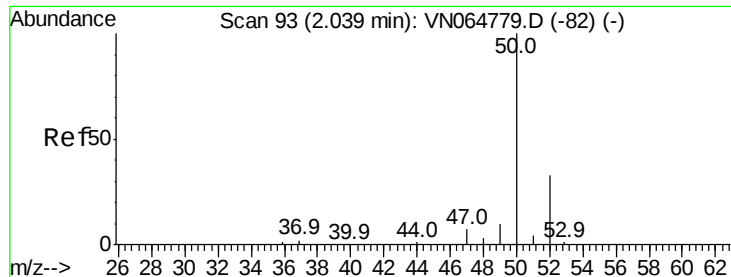
87 34.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 15.848 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

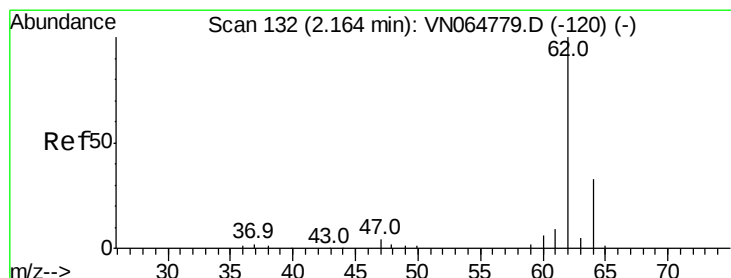
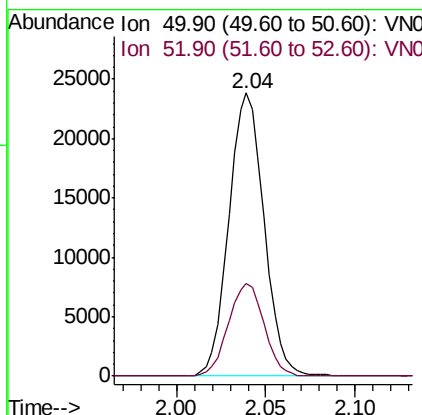
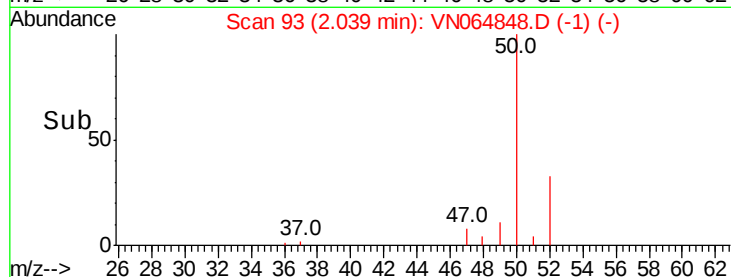
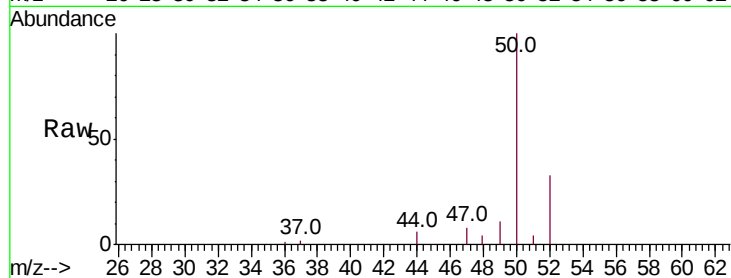
VN1125WBSD01

Tot Ion: 50 Resp: 32618

Ion Ratio Lower Upper

50 100

52 32.8 26.6 39.8



#4

Vinyl Chloride

Concen: 16.269 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064848.D

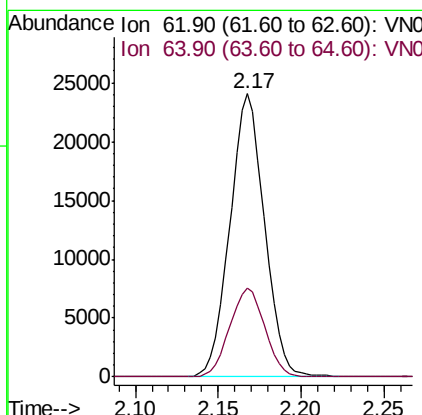
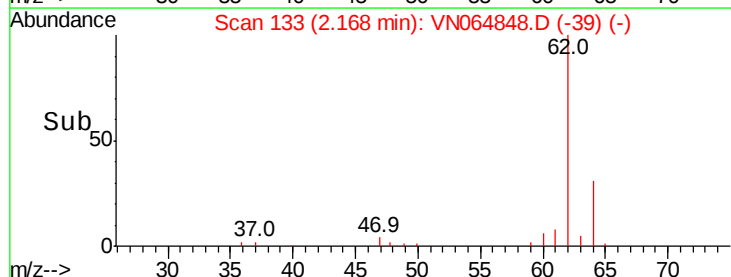
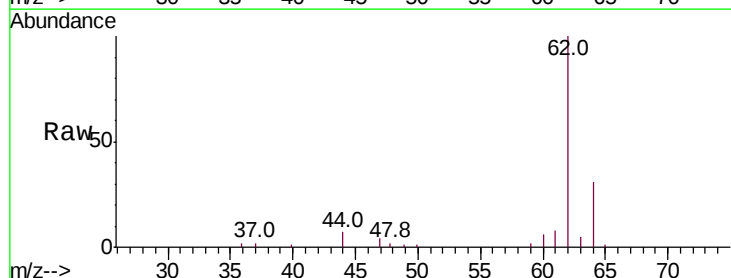
Acq: 25 Nov 2020 11:28

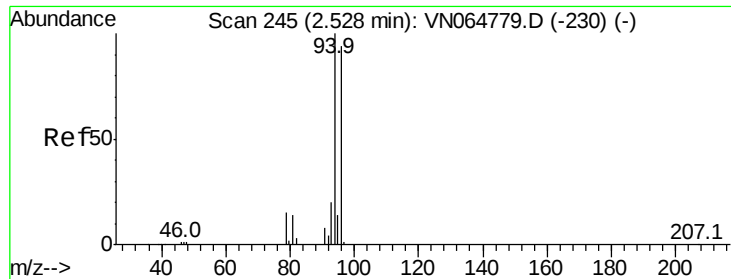
Tgt Ion: 62 Resp: 34910

Ion Ratio Lower Upper

62 100

64 31.5 26.5 39.7





#5

Bromomethane

Concen: 16.282 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

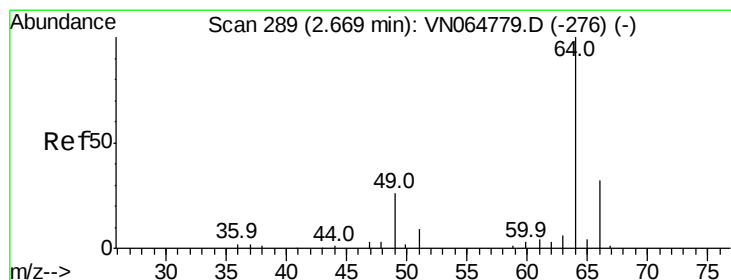
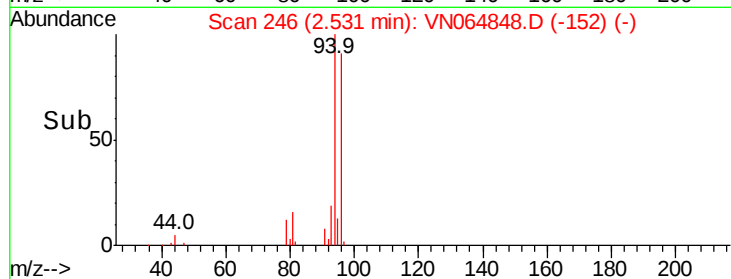
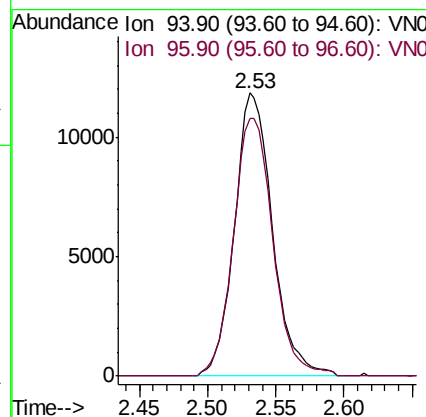
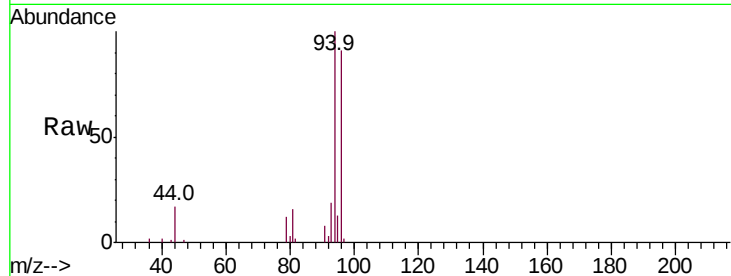
VN1125WBSD01

Tot Ion: 94 Resp: 22922

Ion Ratio Lower Upper

94 100

96 90.9 75.4 113.0



#6

Chloroethane

Concen: 16.749 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064848.D

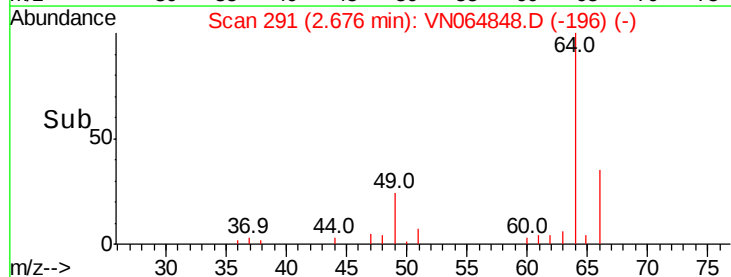
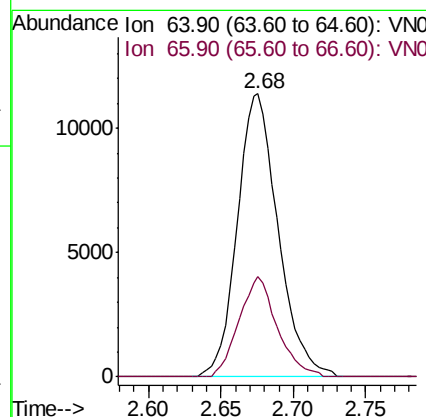
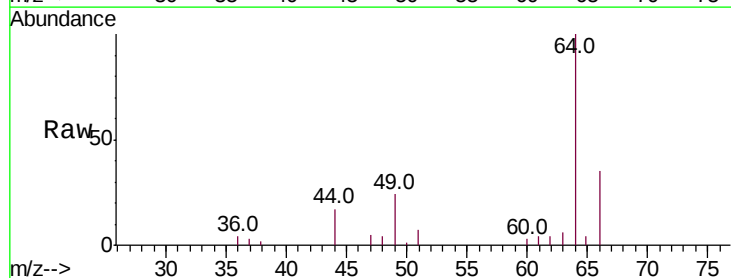
Acq: 25 Nov 2020 11:28

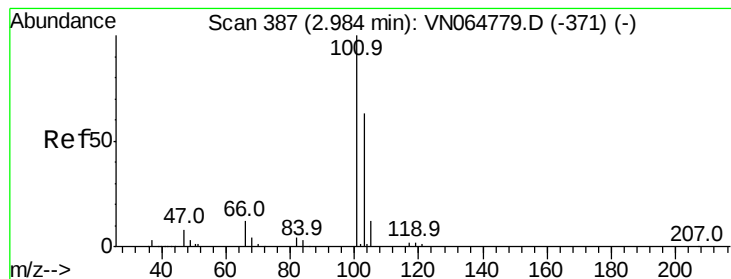
Tgt Ion: 64 Resp: 22228

Ion Ratio Lower Upper

64 100

66 35.3 25.6 38.4



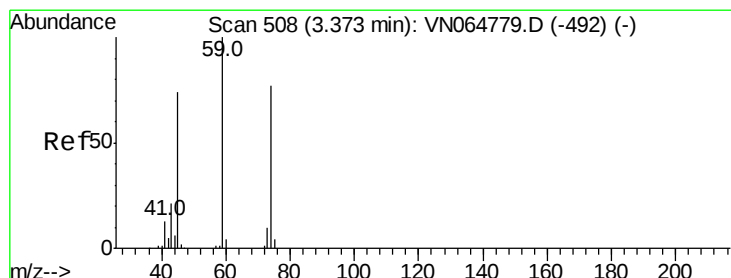
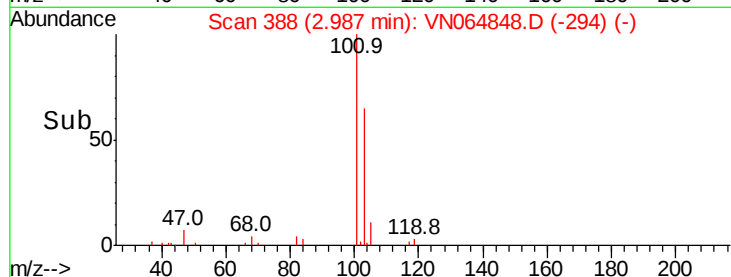
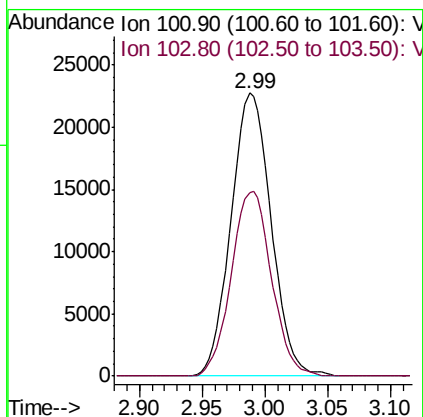
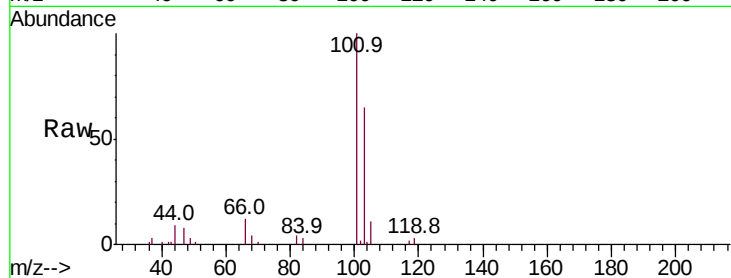


#7

Trichlorofluoromethane
 Concen: 17.075 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
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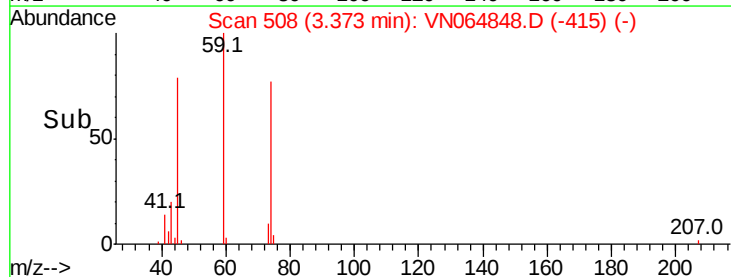
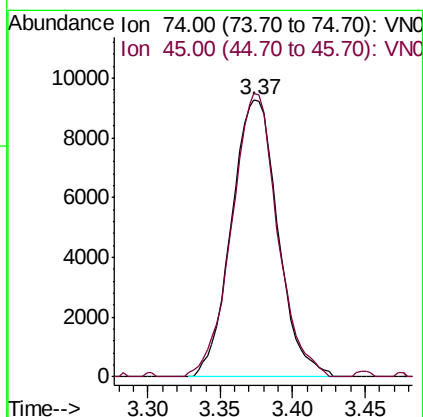
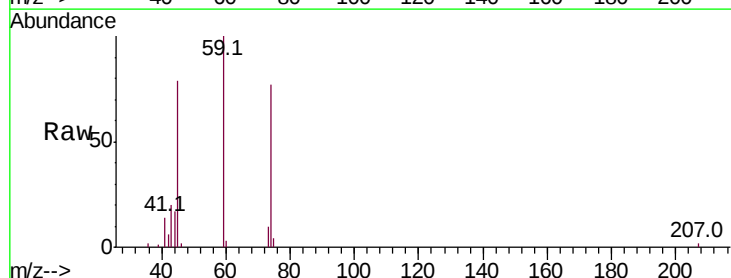
Tot Ion:101 Resp: 50646
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.5 75.7

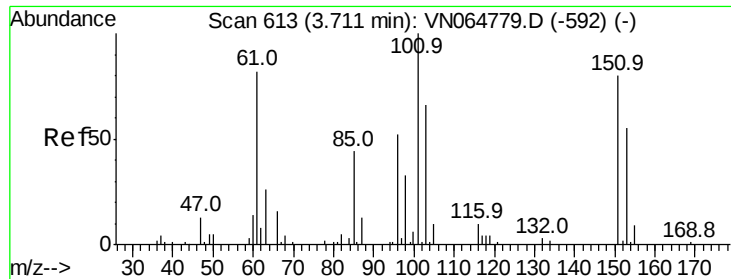


#8

Diethyl Ether
 Concen: 17.647 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion: 74 Resp: 20661
 Ion Ratio Lower Upper
 74 100
 45 100.5 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.885 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

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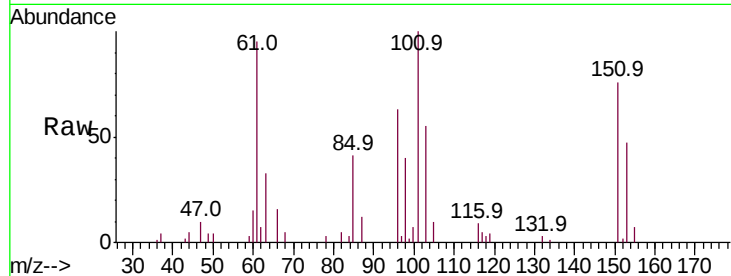
Tot Ion:101 Resp: 31823

Ion Ratio Lower Upper

101 100

85 41.8 34.4 51.6

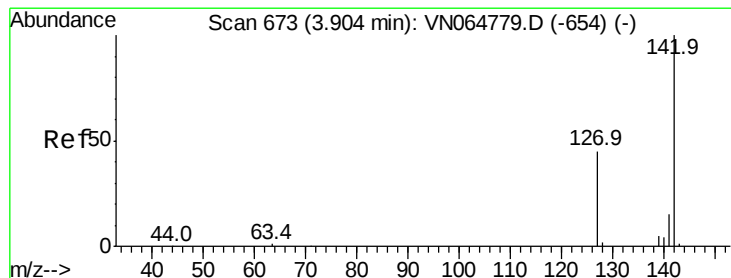
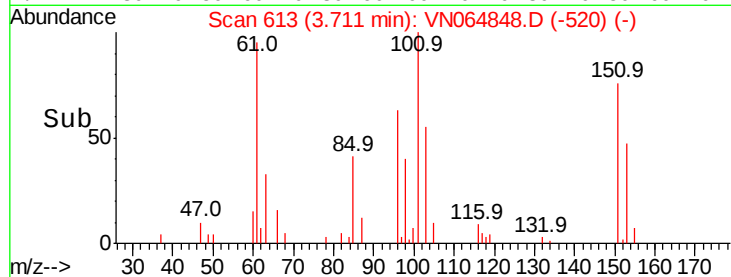
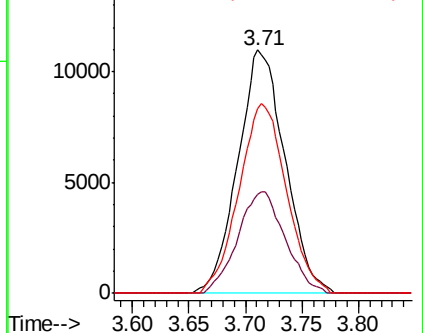
151 78.5 64.0 96.0



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: 14.002 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

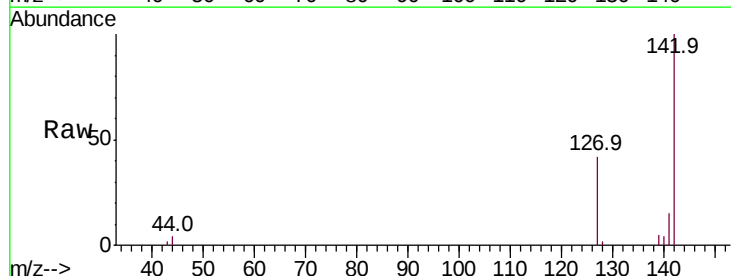
Tgt Ion:142 Resp: 32315

Ion Ratio Lower Upper

142 100

127 42.3 35.0 52.6

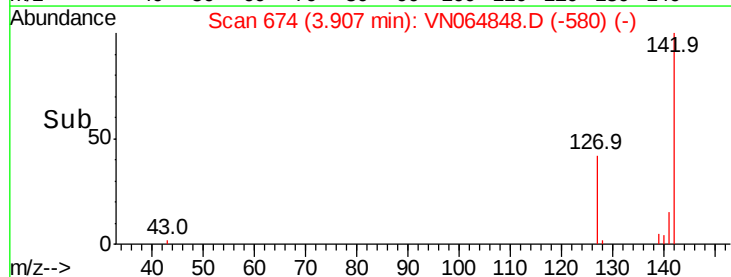
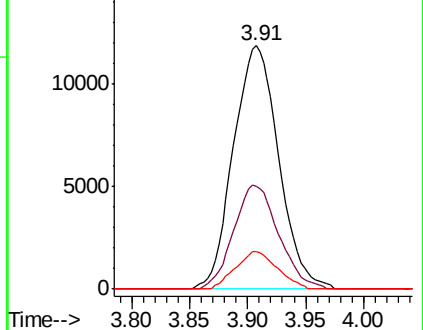
141 14.4 11.8 17.6

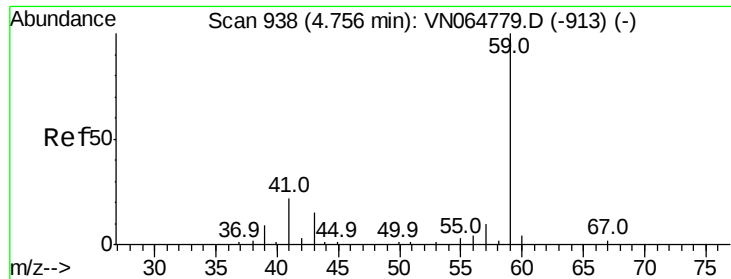


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

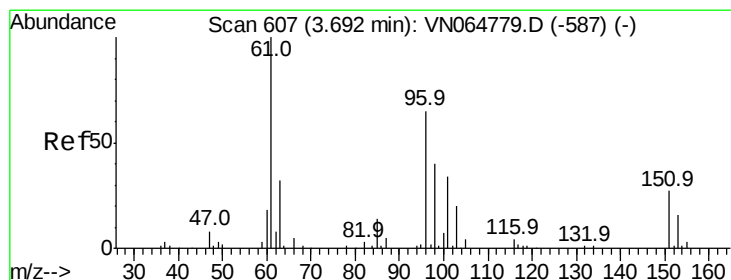
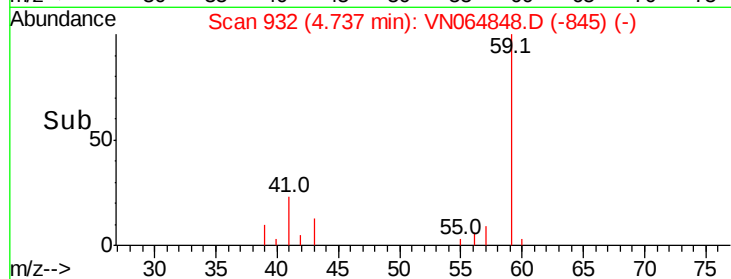
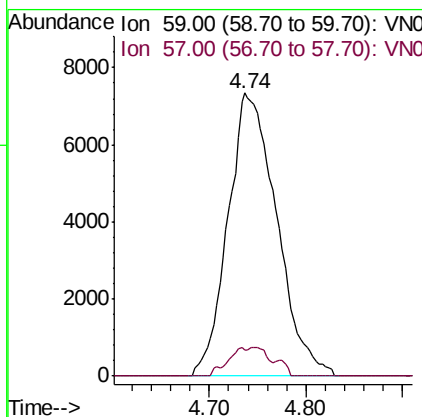
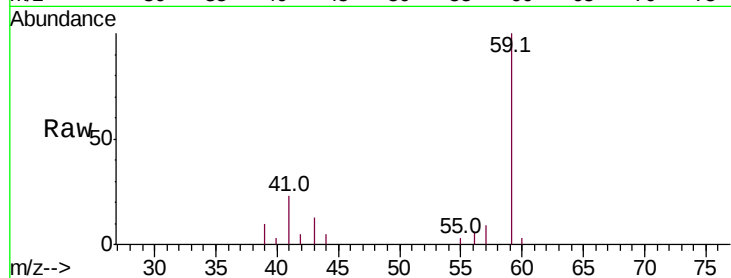




#11
Tert butyl alcohol
Concen: 77.453 ug/l
RT: 4.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

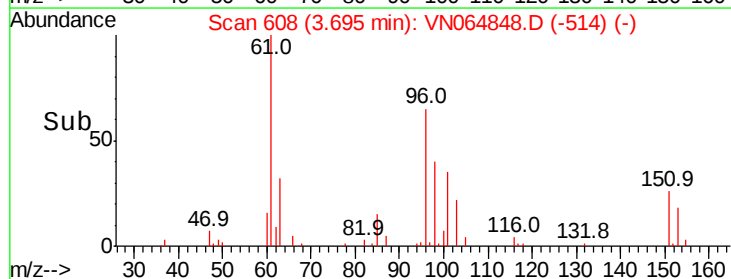
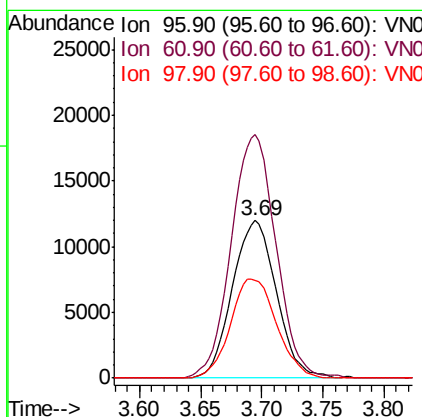
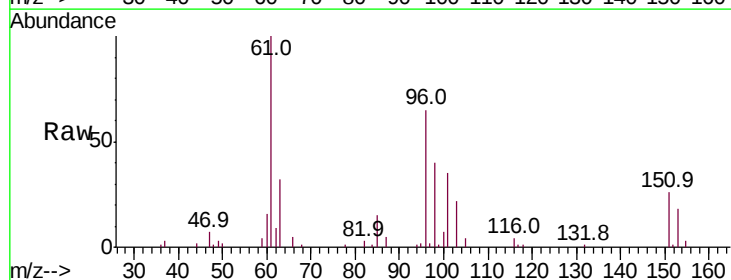
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

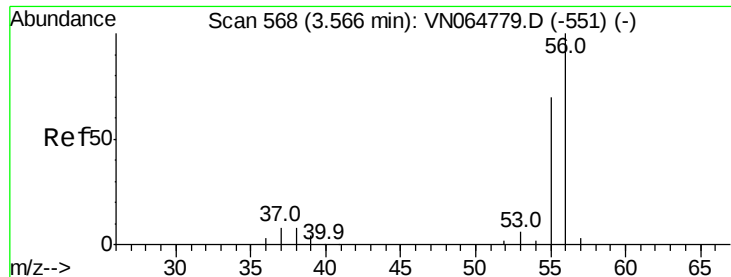
Tot Ion: 59 Resp: 25662
Ion Ratio Lower Upper
59 100
57 4.2 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 16.890 ug/l
RT: 3.69 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 96 Resp: 29931
Ion Ratio Lower Upper
96 100
61 153.2 123.4 185.2
98 62.4 49.8 74.8





#13

Acrolein

Concen: 75.651 ug/l

RT: 3.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

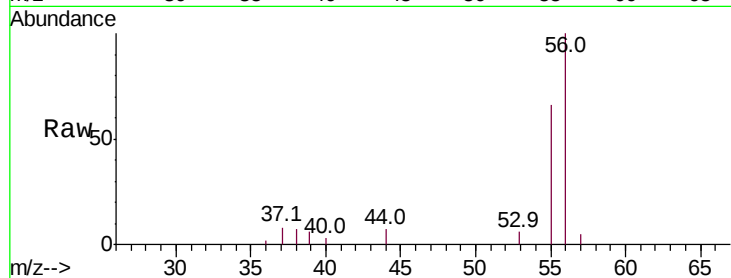
VN1125WBSD01

Tot Ion: 56 Resp: 15310

Ion Ratio Lower Upper

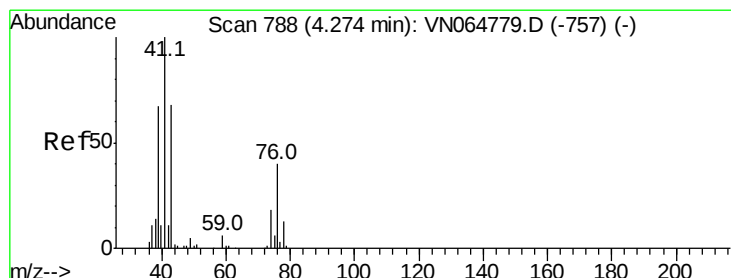
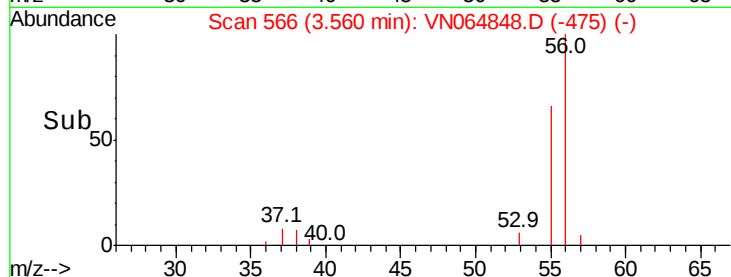
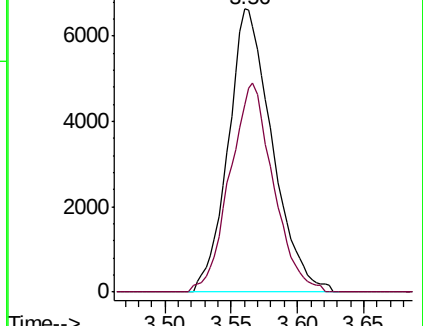
56 100

55 72.7 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN064779.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN064779.D (-551) (-)



#14

Allyl chloride

Concen: 16.374 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

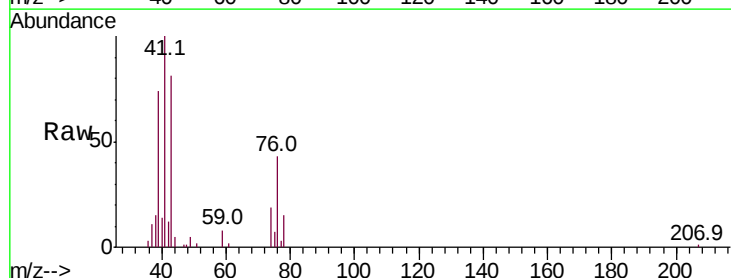
Tgt Ion: 41 Resp: 47858

Ion Ratio Lower Upper

41 100

39 65.8 50.9 76.3

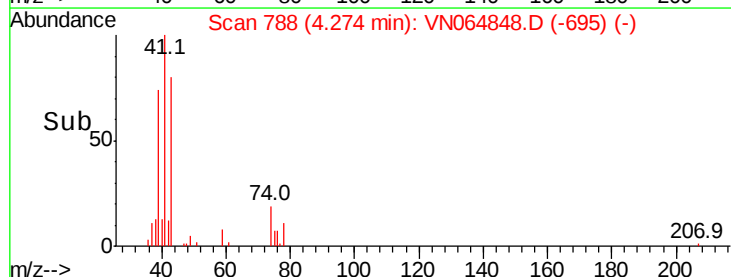
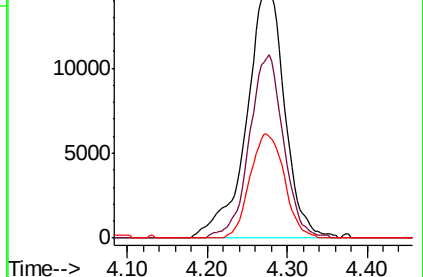
76 37.6 29.0 43.4

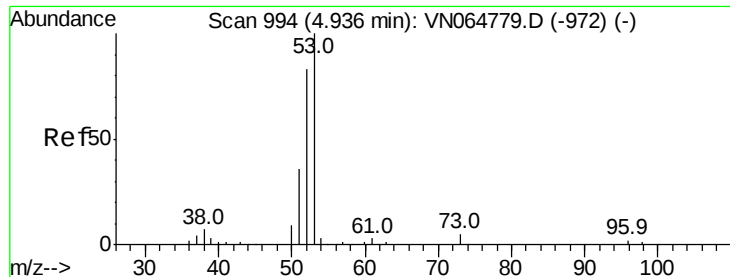


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN064779.D (-757) (-)





#15

Acrylonitrile

Concen: 85.120 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

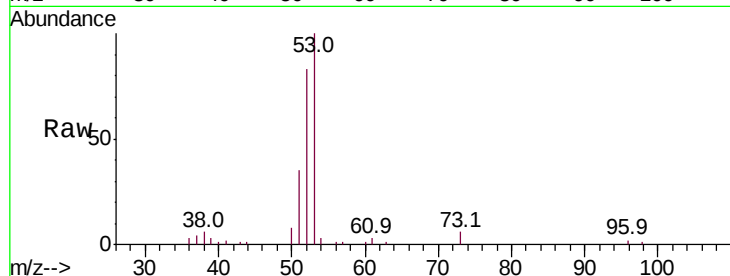
Tot Ion: 53 Resp: 77909

Ion Ratio Lower Upper

53 100

52 82.6 65.5 98.3

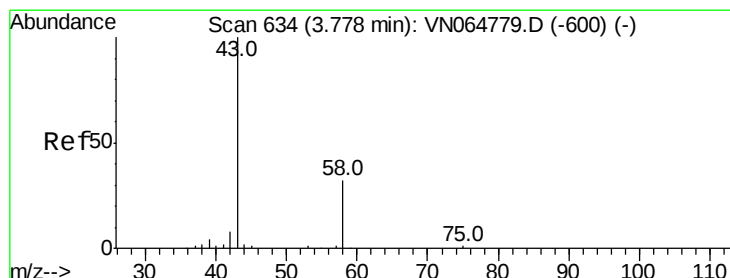
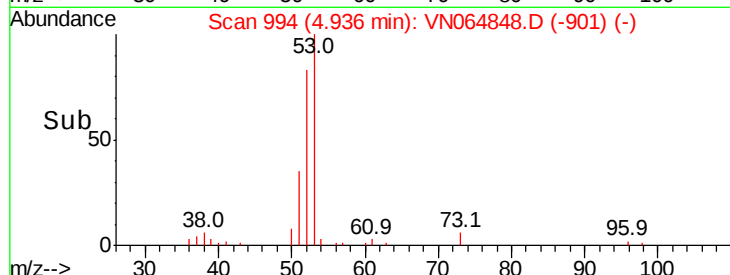
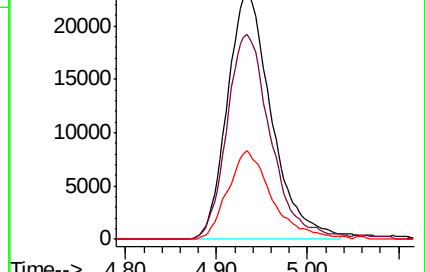
51 35.8 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064848.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064848.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064848.D (-901) (-)



#16

Acetone

Concen: 86.706 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064848.D

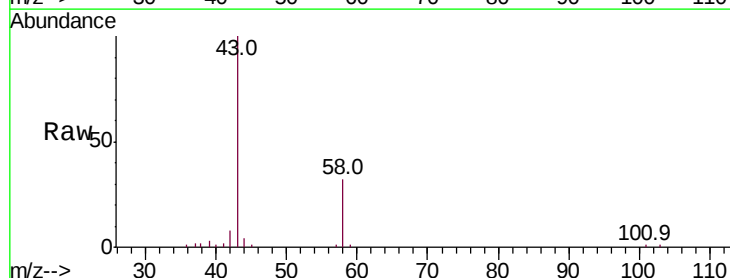
Acq: 25 Nov 2020 11:28

Tgt Ion: 43 Resp: 60554

Ion Ratio Lower Upper

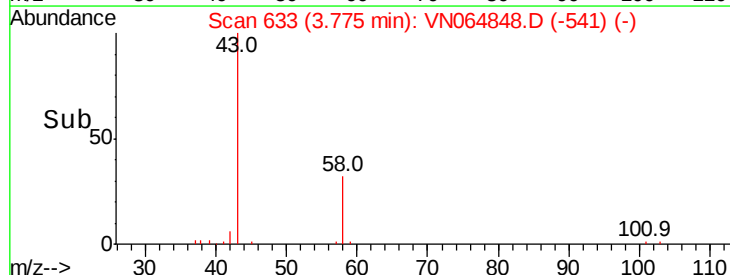
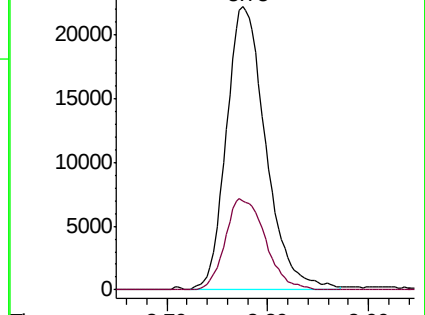
43 100

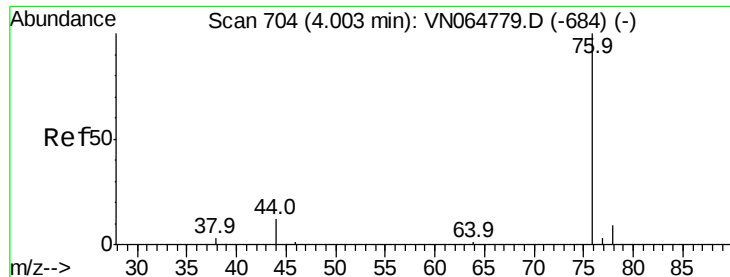
58 31.5 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064848.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064848.D (-541) (-)

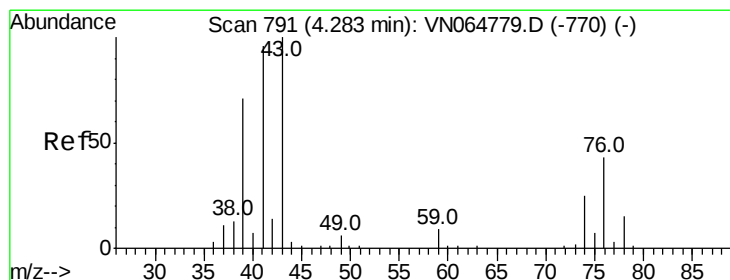
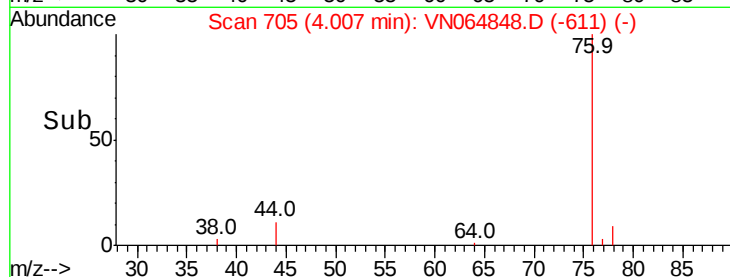
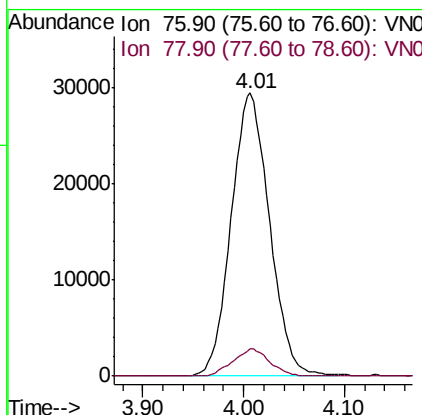
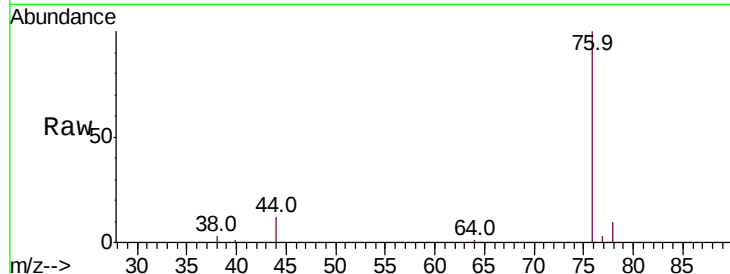




#17
Carbon Disulfide
Concen: 16.941 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

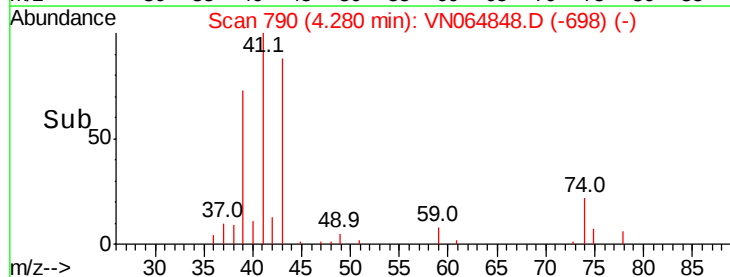
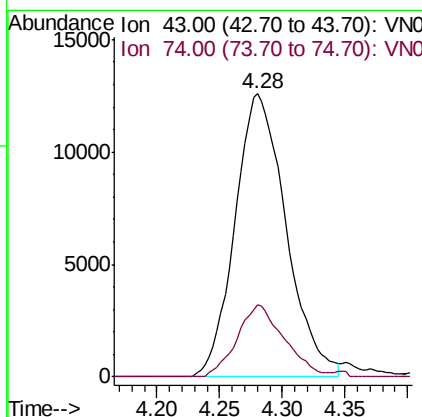
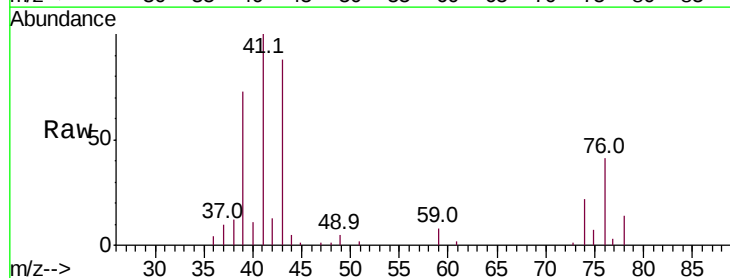
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

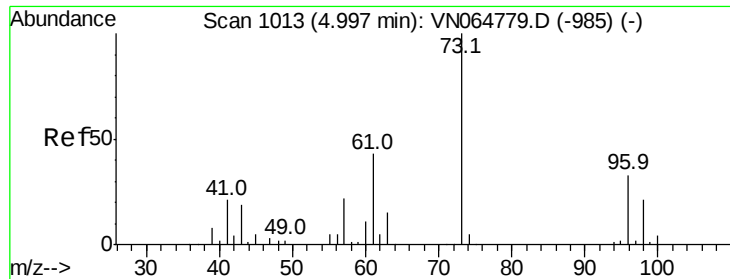
Tot Ion: 76 Resp: 77498
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 16.950 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 43 Resp: 35590
Ion Ratio Lower Upper
43 100
74 23.5 20.2 30.2

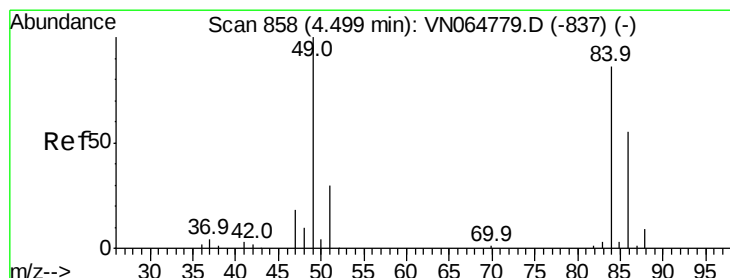
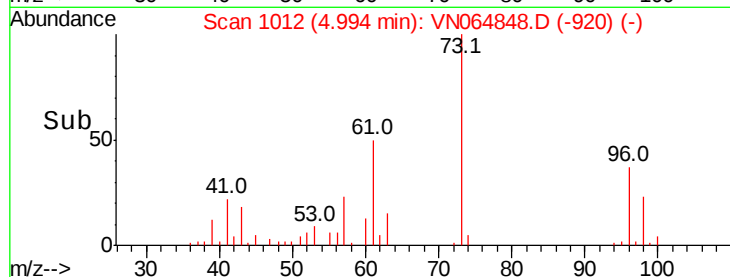
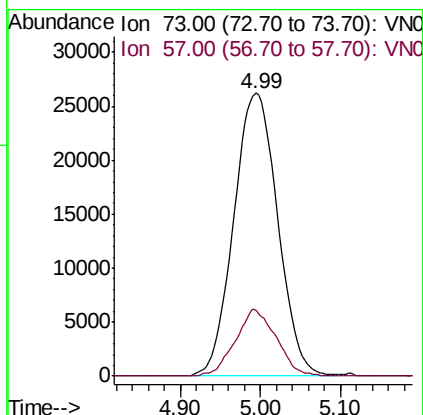
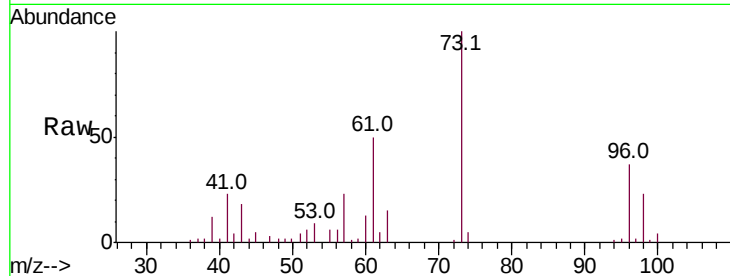




#19
Methyl tert-butyl Ether
Concen: 17.284 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

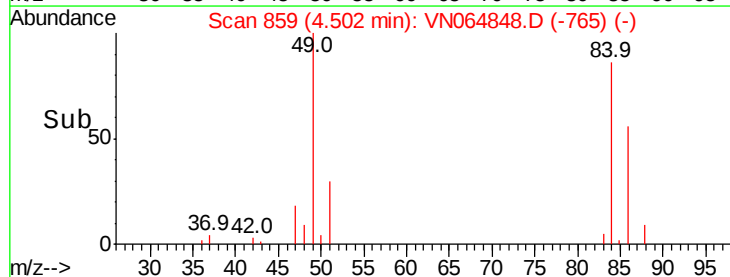
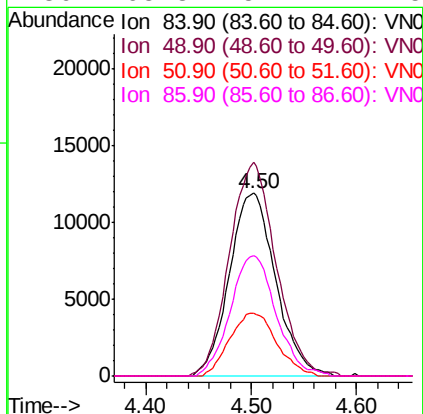
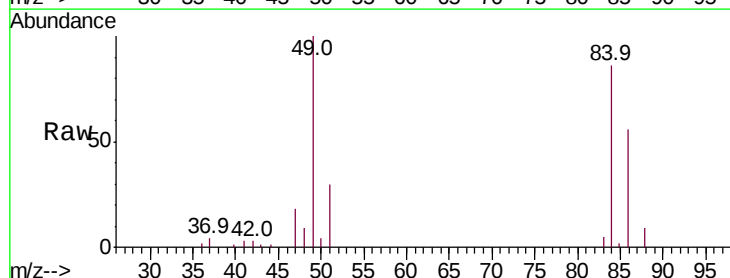
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

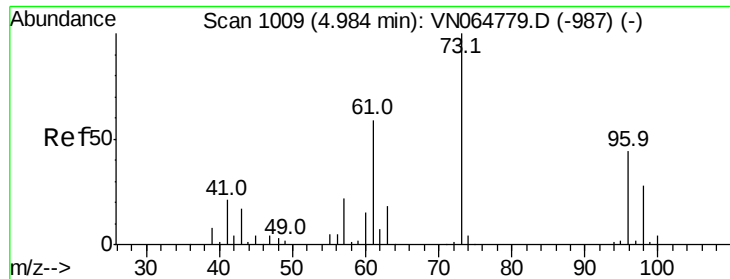
Tot Ion: 73 Resp: 98230
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.0



#20
Methylene Chloride
Concen: 16.621 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 84 Resp: 36375
Ion Ratio Lower Upper
84 100
49 116.8 93.4 140.0
51 34.5 28.2 42.4
86 65.8 51.7 77.5

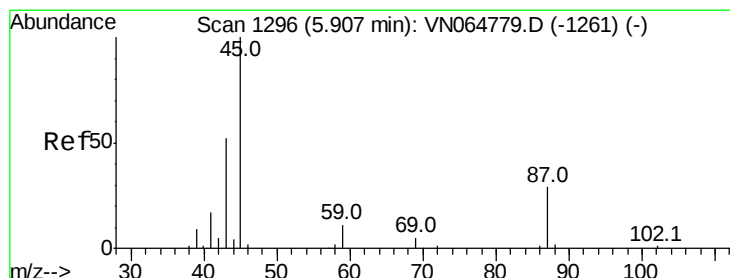
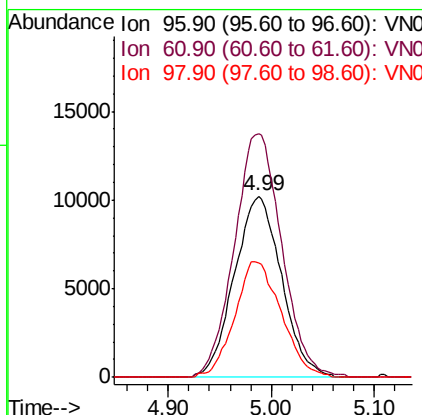
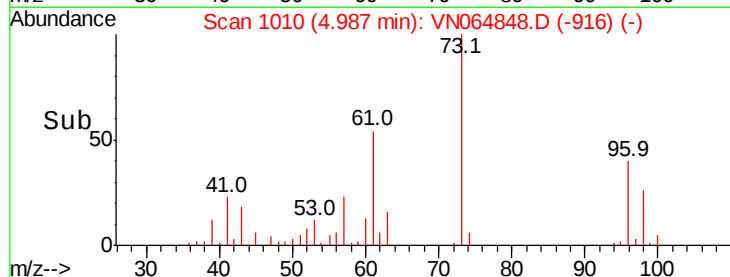
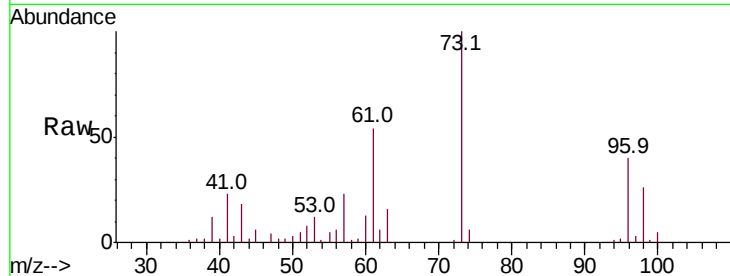




#21
trans-1,2-Dichloroethene
Concen: 16.519 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

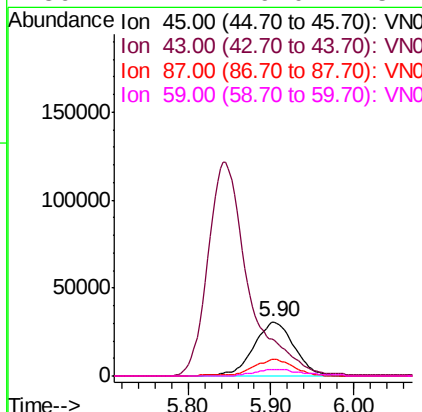
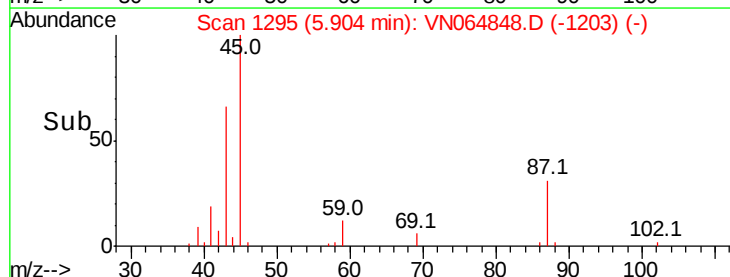
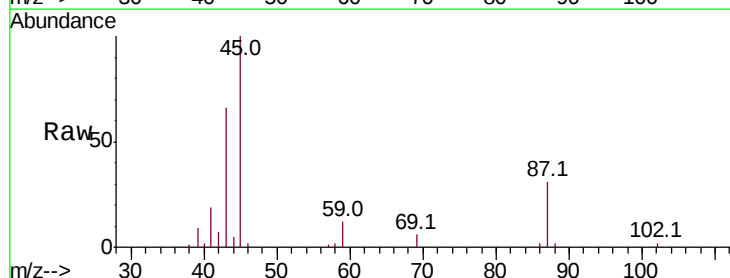
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

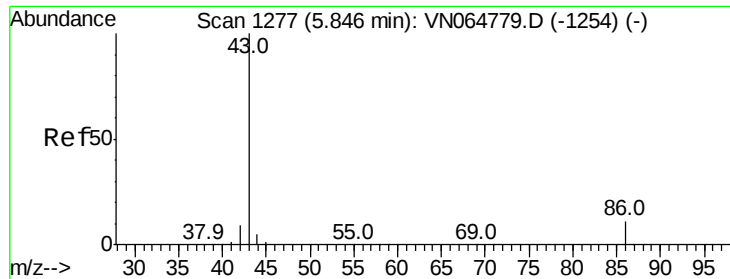
Tot Ion: 96 Resp: 32508
Ion Ratio Lower Upper
96 100
61 134.4 108.4 162.6
98 63.4 51.3 76.9



#22
Diisopropyl ether
Concen: 17.838 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 45 Resp: 104356
Ion Ratio Lower Upper
45 100
43 61.9 46.2 69.2
87 31.3 24.1 36.1
59 12.4 9.0 13.4





#23

Vinyl Acetate

Concen: 88.562 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

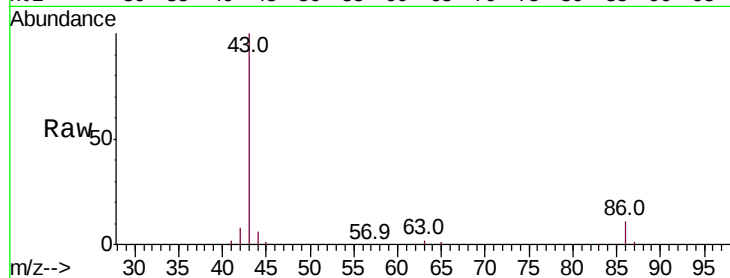
VN1125WBSD01

Tot Ion: 43 Resp: 414306

Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3



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

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

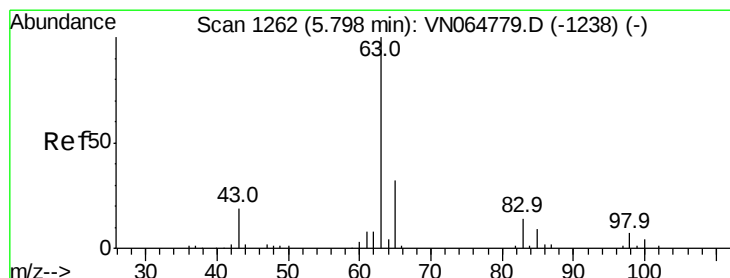
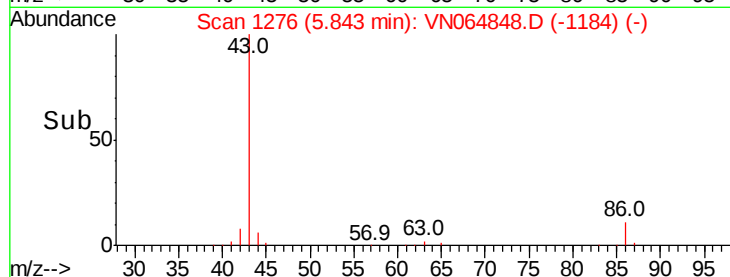
5.84

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 17.683 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

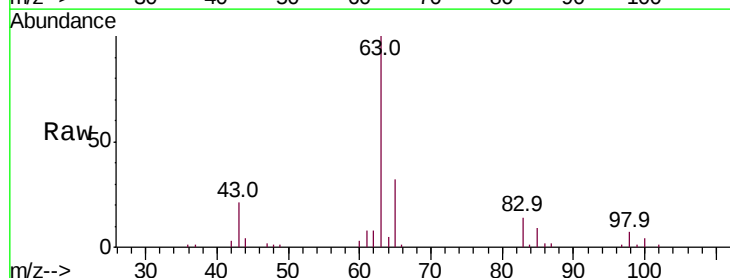
Tgt Ion: 63 Resp: 61822

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 4.0 2.3 6.8



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

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

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

5.80

25000

20000

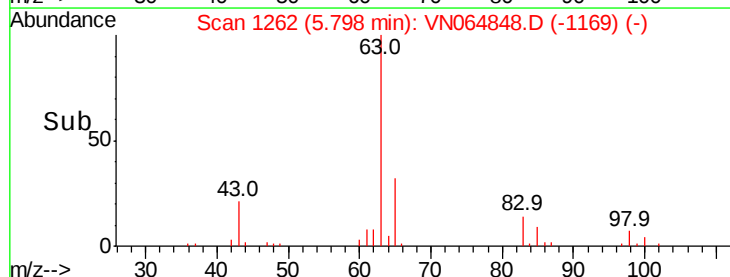
15000

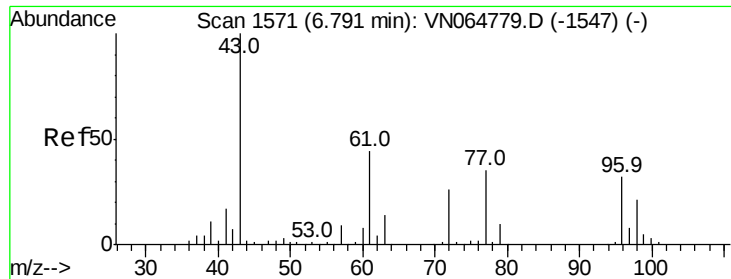
10000

5000

0

Time-->





#25

2-Butanone

Concen: 85.349 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

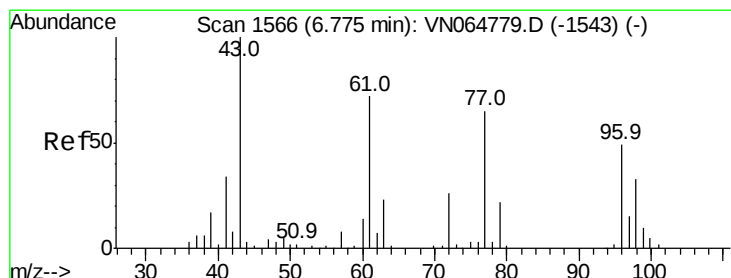
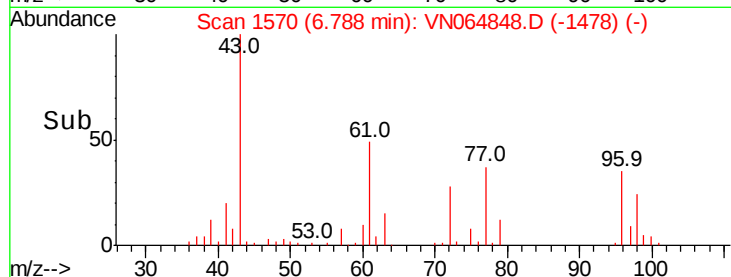
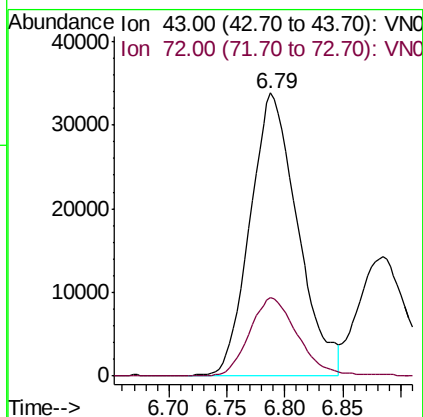
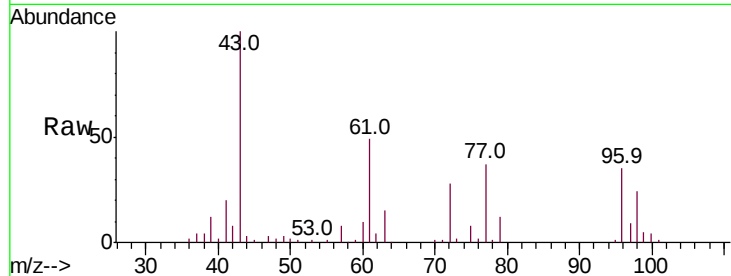
VN1125WBSD01

Tot Ion: 43 Resp: 96625

Ion Ratio Lower Upper

43 100

72 27.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 16.738 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064848.D

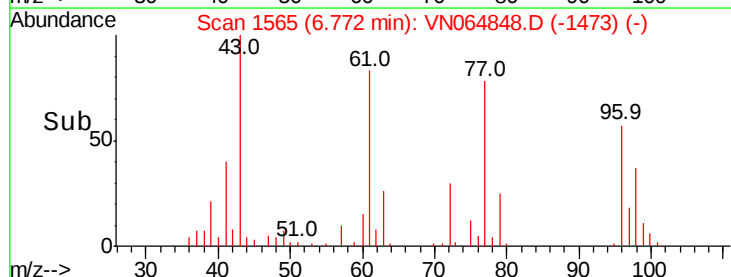
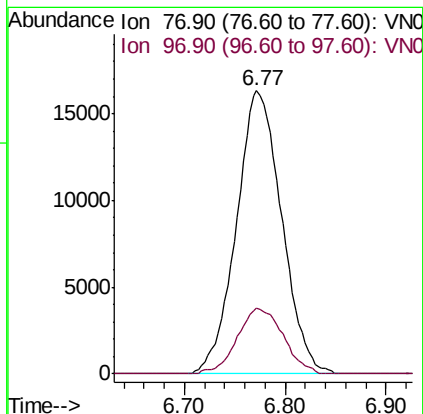
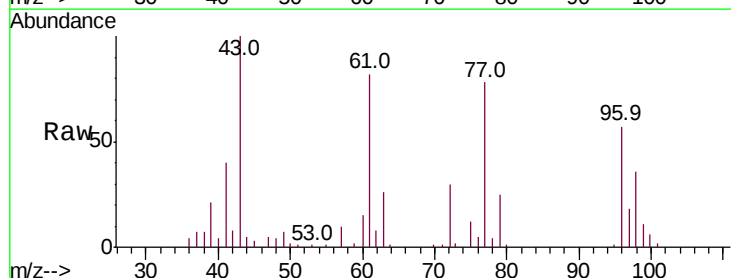
Acq: 25 Nov 2020 11:28

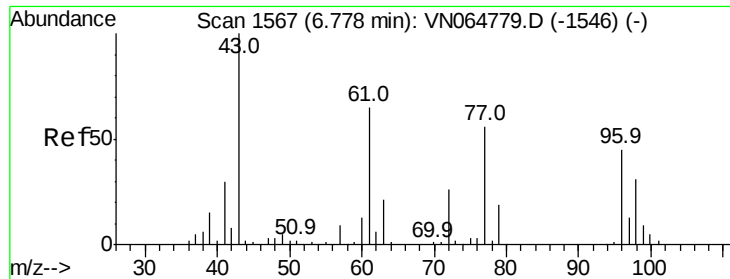
Tgt Ion: 77 Resp: 50753

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.516 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

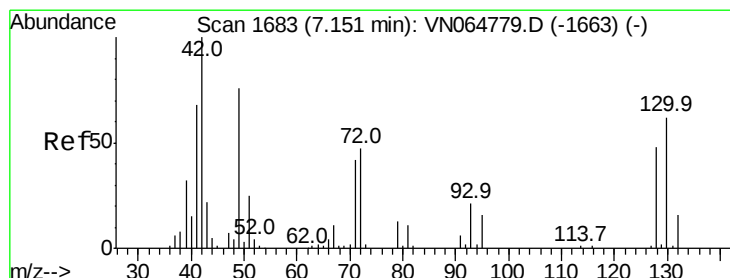
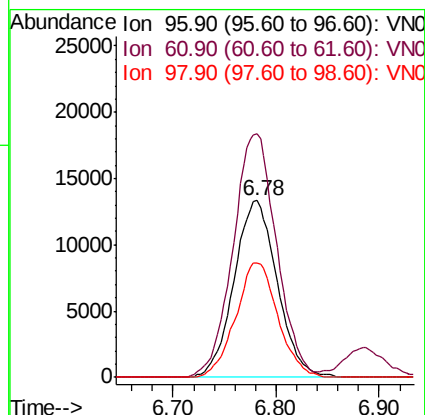
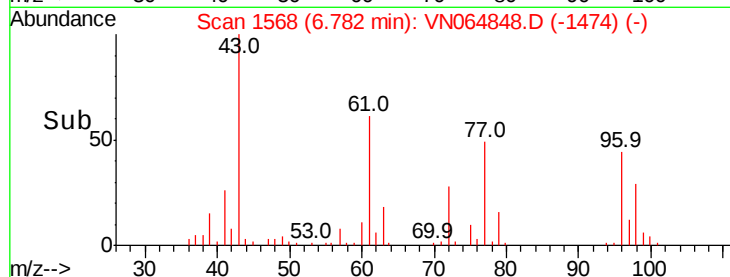
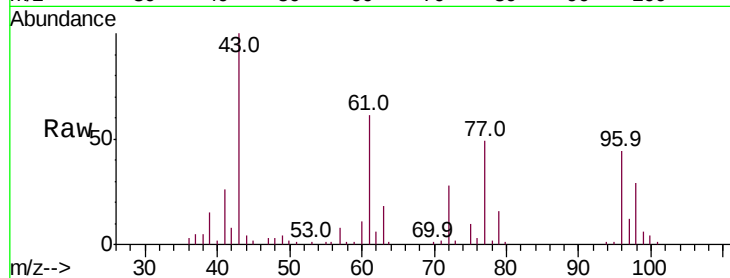
Tot Ion: 96 Resp: 38786

Ion Ratio Lower Upper

96 100

61 139.0 0.0 285.8

98 63.3 0.0 130.6



#28

Bromochloromethane

Concen: 18.245 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

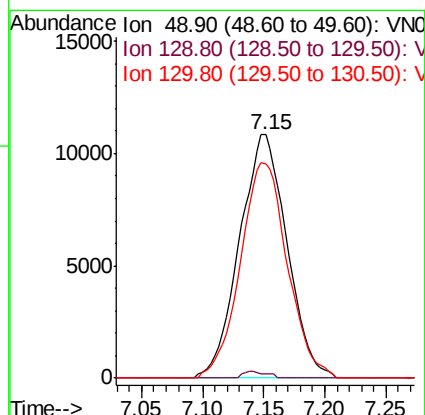
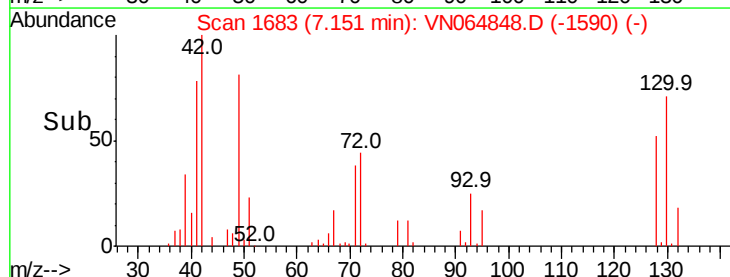
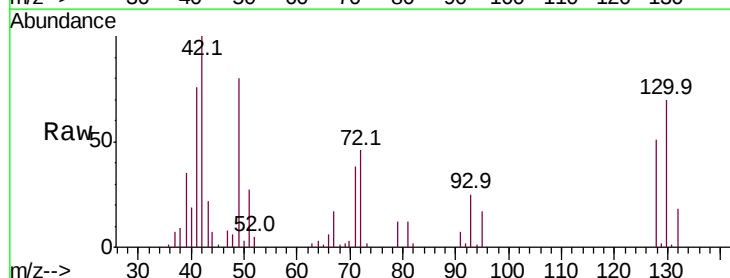
Tgt Ion: 49 Resp: 29181

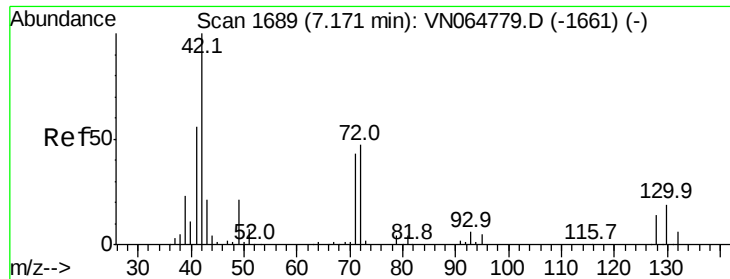
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

130 87.6 66.2 99.2

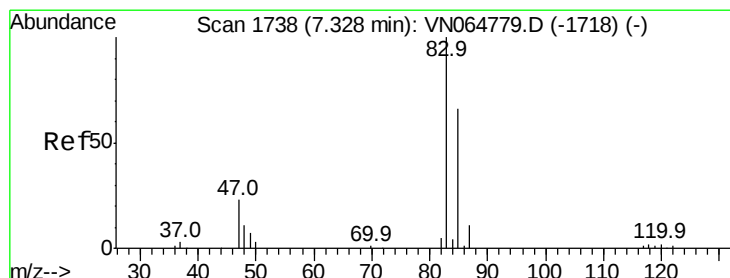
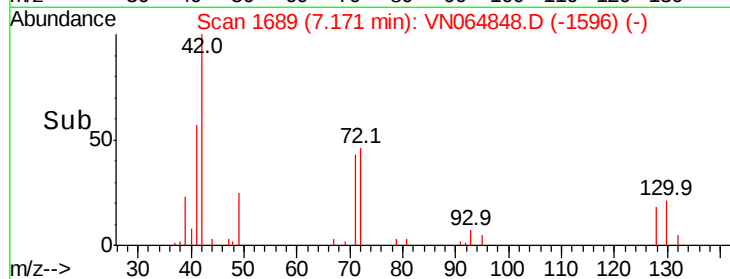
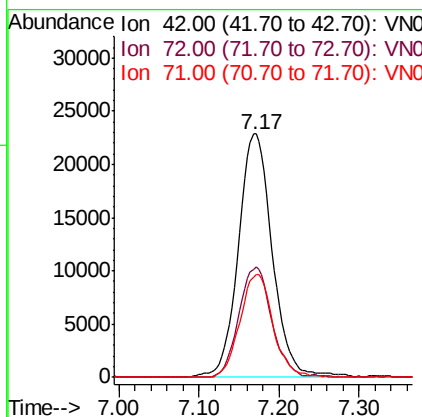
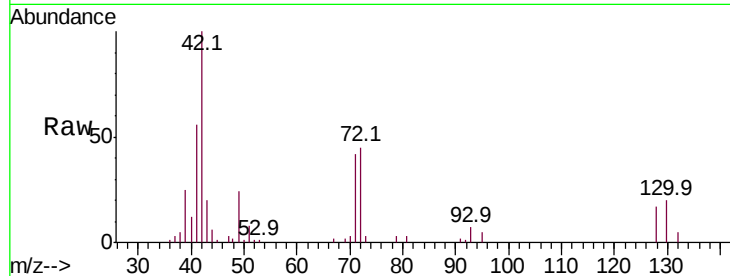




#29
Tetrahydrofuran
Concen: 84.015 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

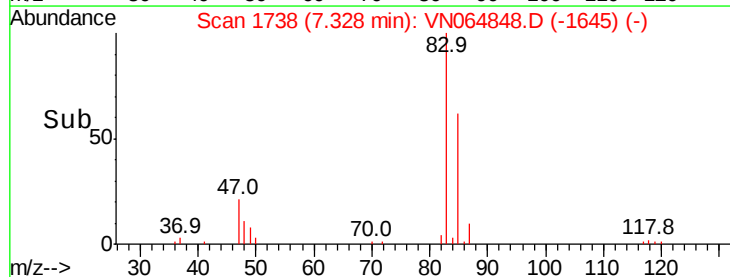
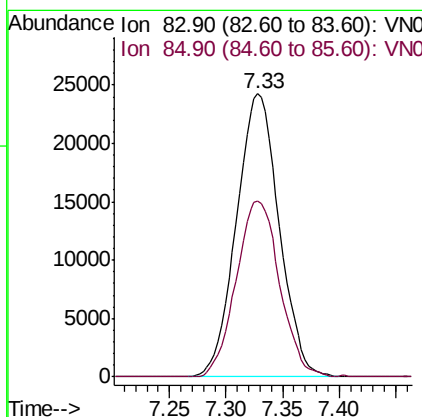
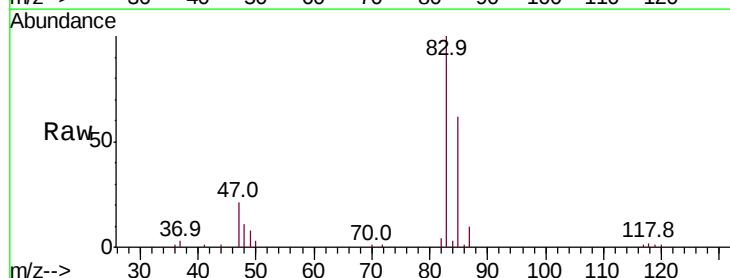
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

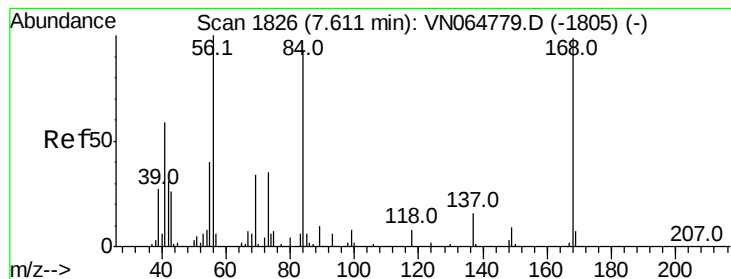
Tot Ion: 42 Resp: 65657
Ion Ratio Lower Upper
42 100
72 43.6 36.6 54.8
71 41.1 33.6 50.4



#30
Chloroform
Concen: 17.681 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 83 Resp: 63748
Ion Ratio Lower Upper
83 100
85 62.3 52.6 78.8





#31

Cyclohexane

Concen: 17.066 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

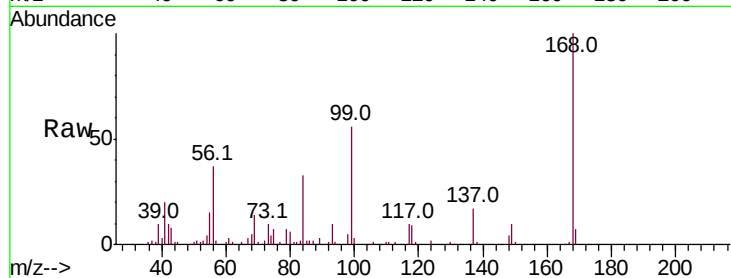
Tot Ion: 56 Resp: 50534

Ion Ratio Lower Upper

56 100

69 36.4 27.5 41.3

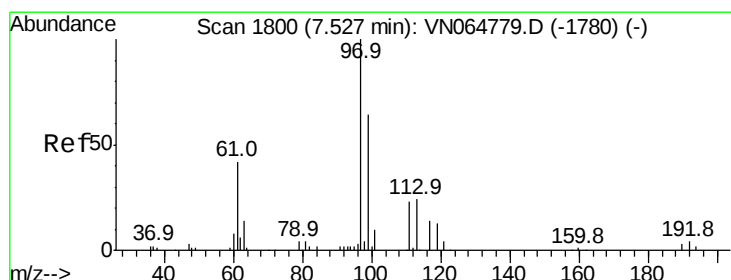
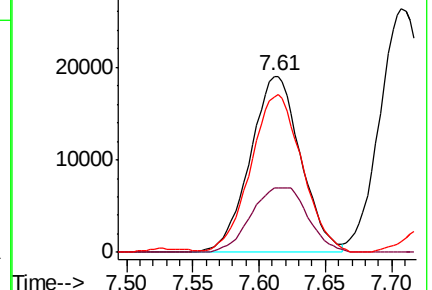
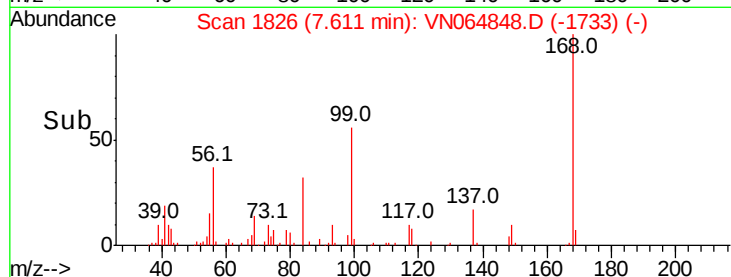
84 87.1 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.642 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

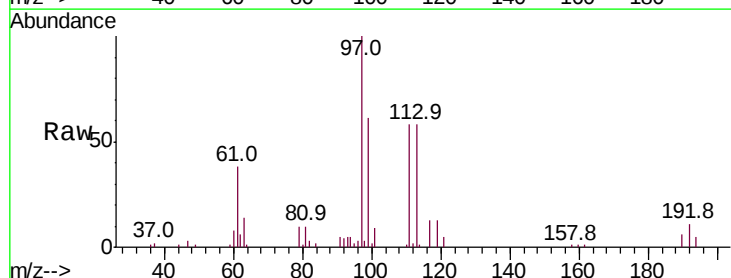
Tgt Ion: 97 Resp: 54629

Ion Ratio Lower Upper

97 100

99 63.7 51.7 77.5

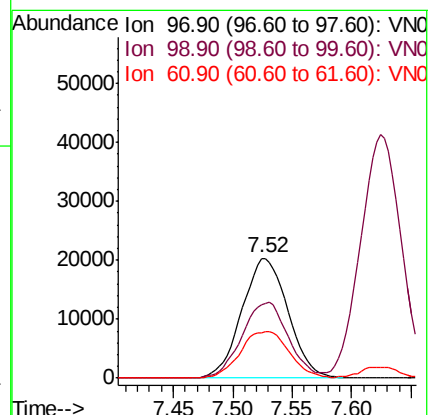
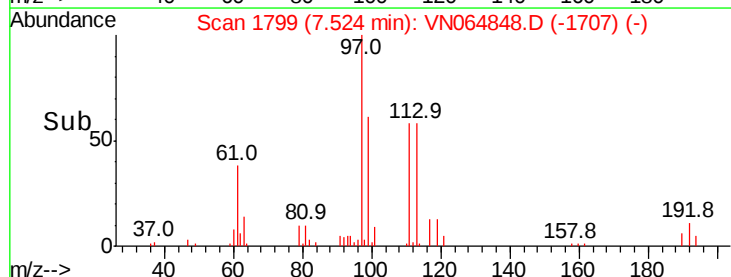
61 41.3 33.9 50.9

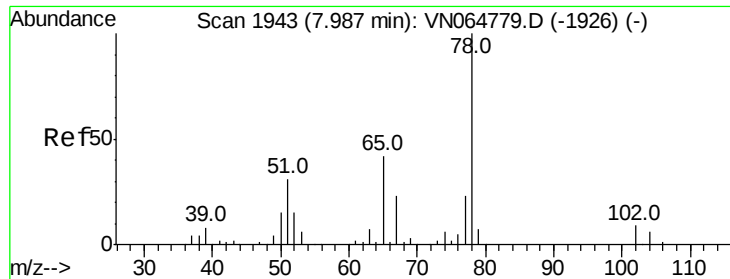


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 47.454 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

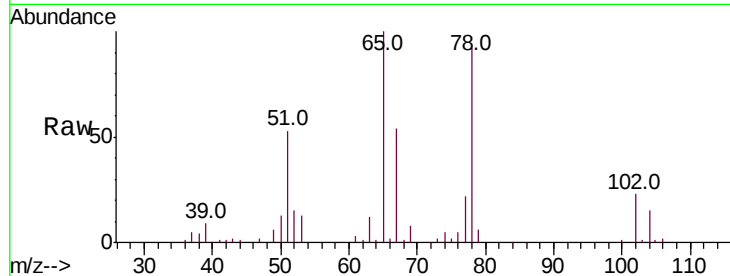
VN1125WBSD01

Tot Ion: 65 Resp: 100816

Ion Ratio Lower Upper

65 100

67 53.4 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

40000

30000

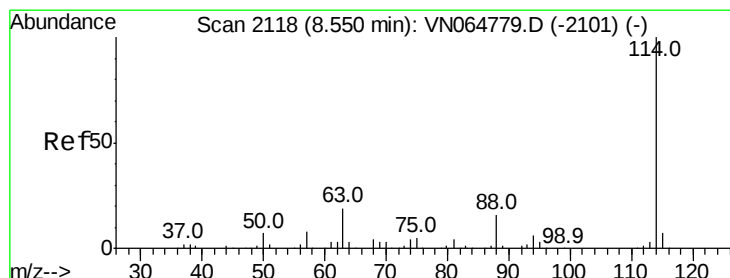
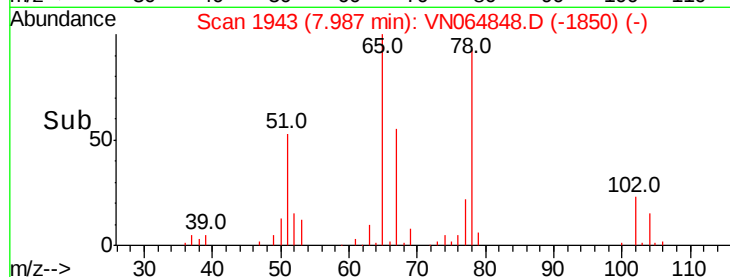
20000

10000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

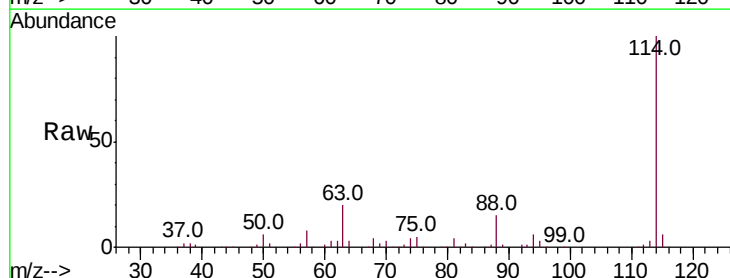
Tgt Ion: 114 Resp: 280765

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

88 15.0 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

150000

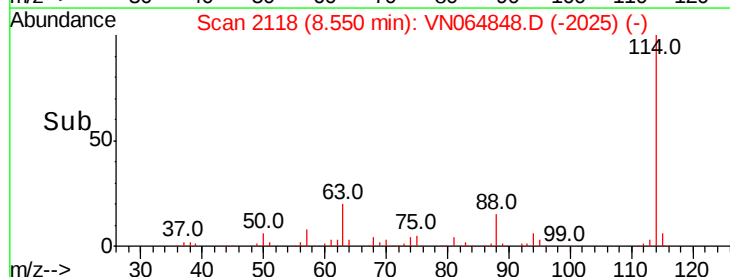
100000

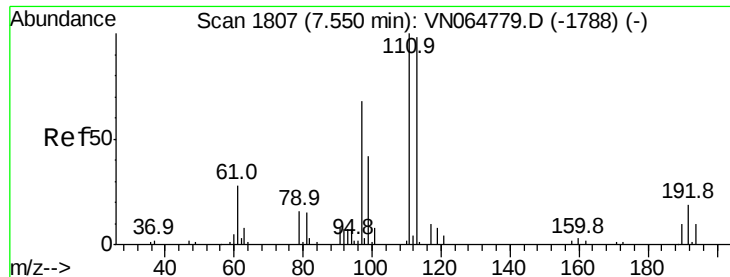
50000

0

8.50 8.55 8.60 8.65

Time-->

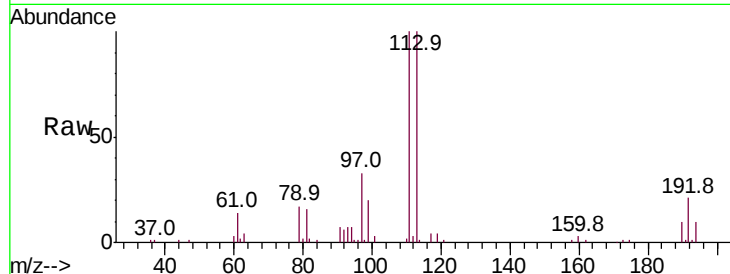




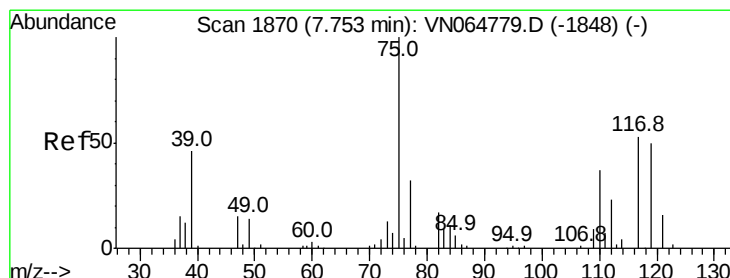
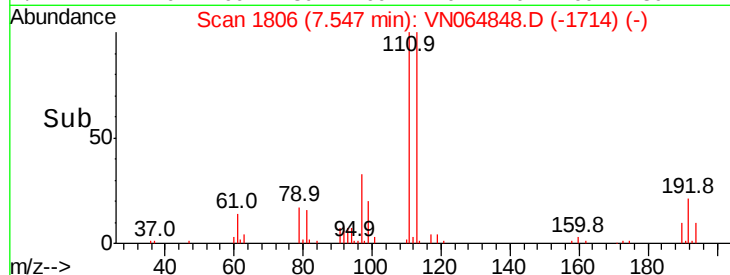
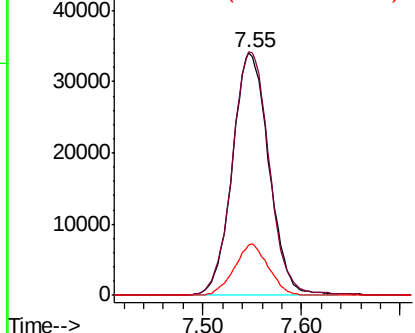
#35
 Dibromofluoromethane
 Concen: 52.112 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion:113 Resp: 87549
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.6 122.4
 192 19.7 16.2 24.2

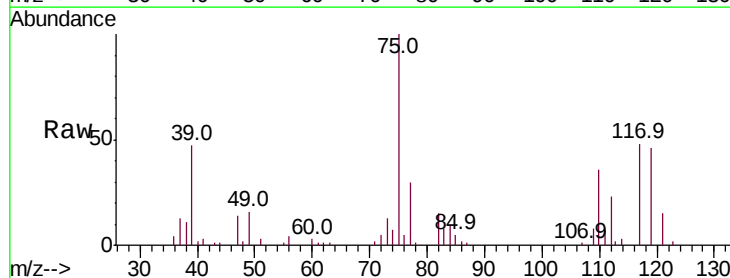


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

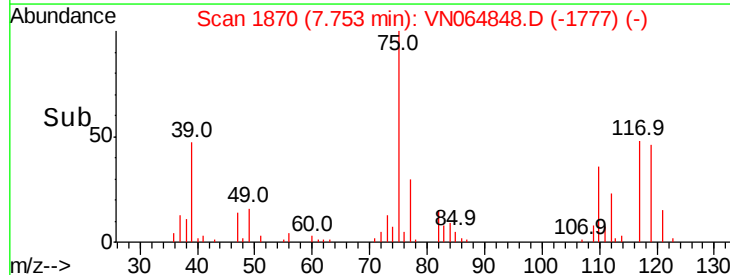
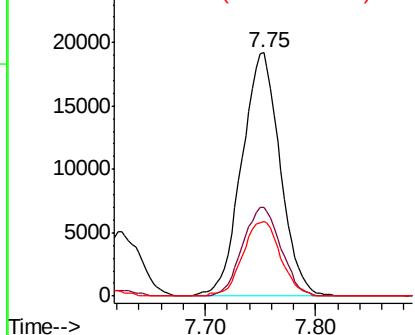


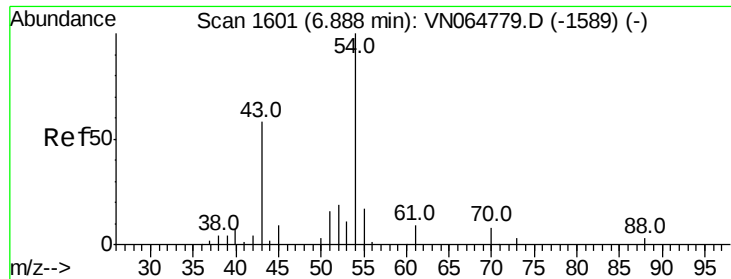
#36
 1,1-Dichloropropene
 Concen: 17.821 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion: 75 Resp: 46378
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.8 53.3
 77 30.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

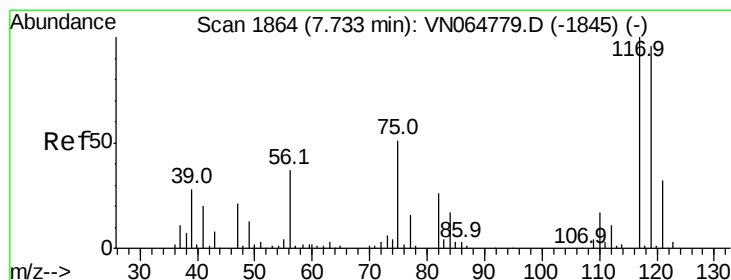
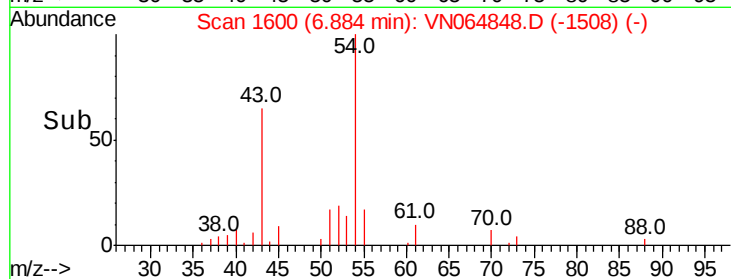
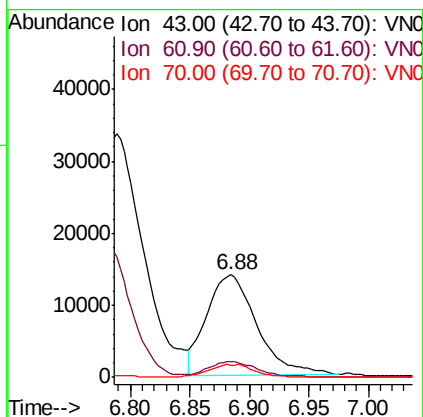
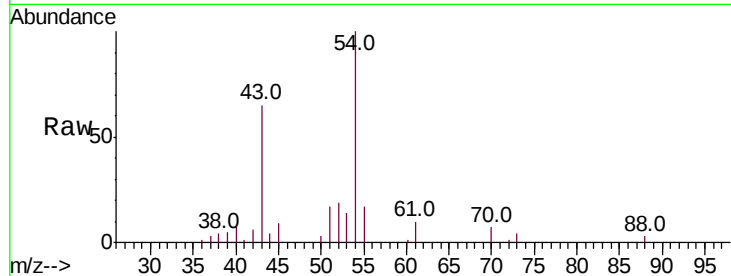




#37
Ethyl Acetate
Concen: 16.378 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

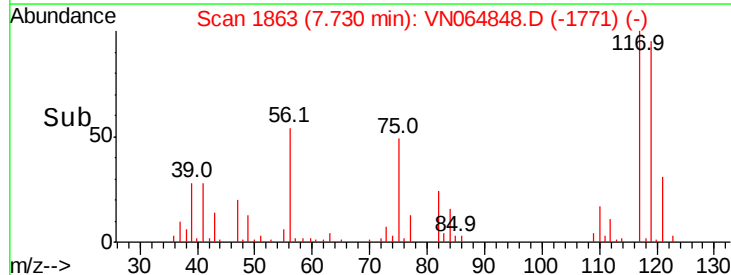
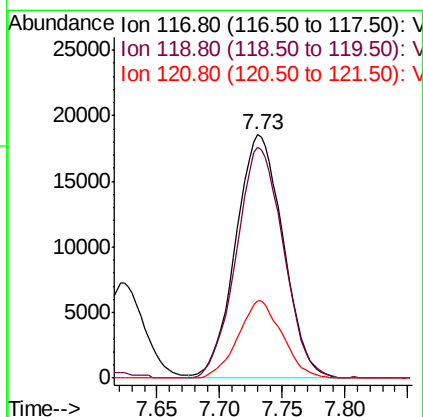
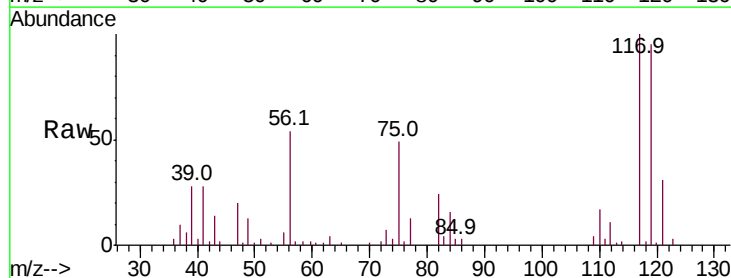
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

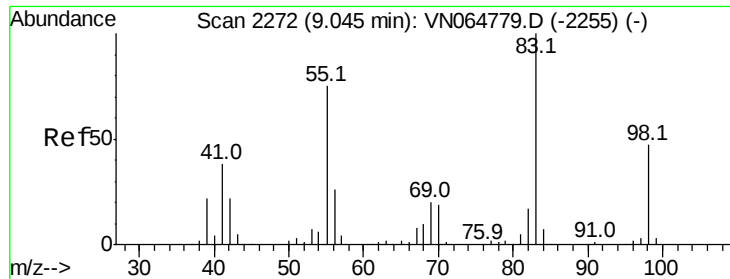
Tot Ion: 43 Resp: 41057
Ion Ratio Lower Upper
43 100
61 15.4 12.8 19.2
70 5.9 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 18.001 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 117 Resp: 48742
Ion Ratio Lower Upper
117 100
119 95.0 76.7 115.1
121 31.5 25.4 38.2

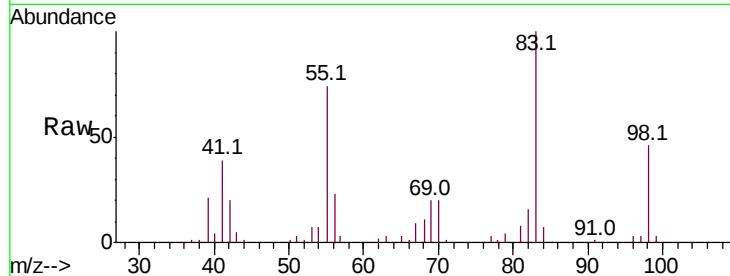




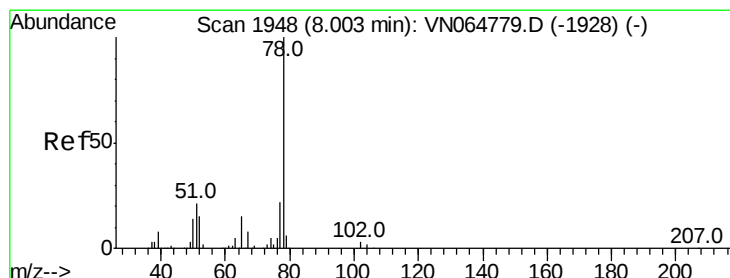
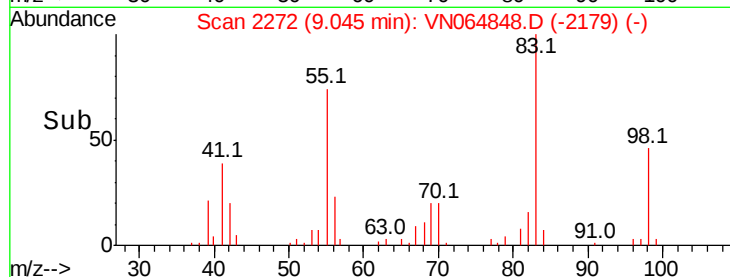
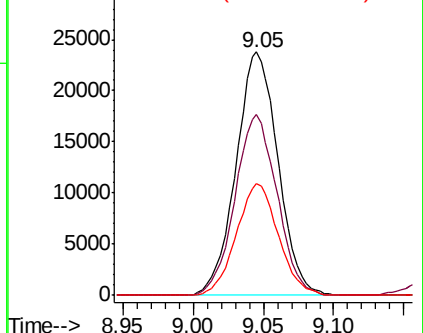
#39
Methvlcvclohexane
Concen: 17.684 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion: 83 Resp: 49543
Ion Ratio Lower Upper
83 100
55 74.5 60.2 90.2
98 45.8 37.4 56.2

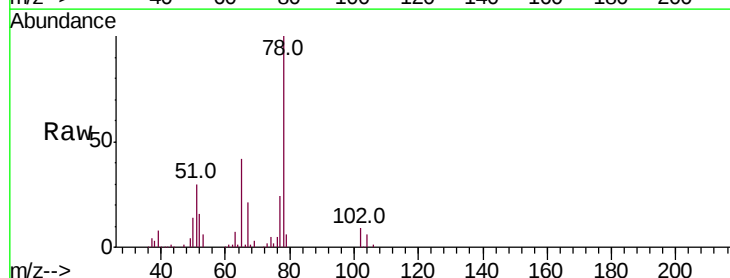


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

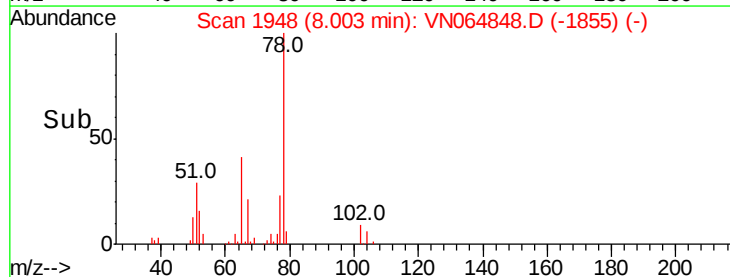
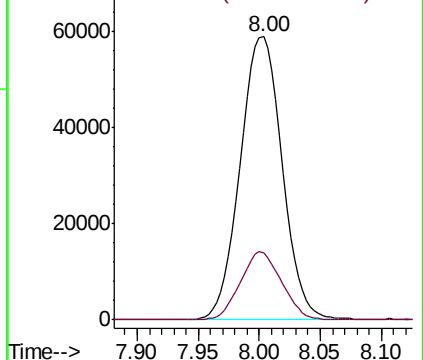


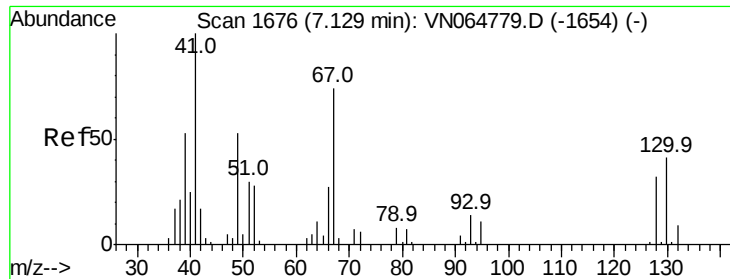
#40
Benzene
Concen: 17.579 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 78 Resp: 140186
Ion Ratio Lower Upper
78 100
77 23.6 17.9 26.9



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

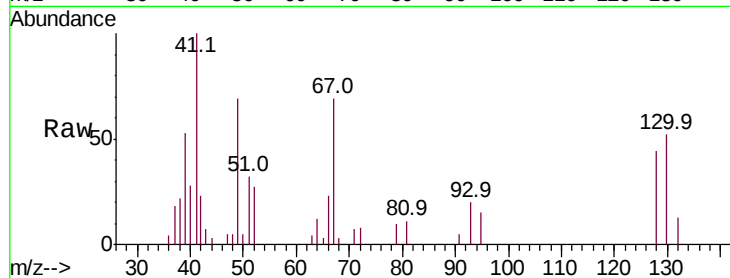




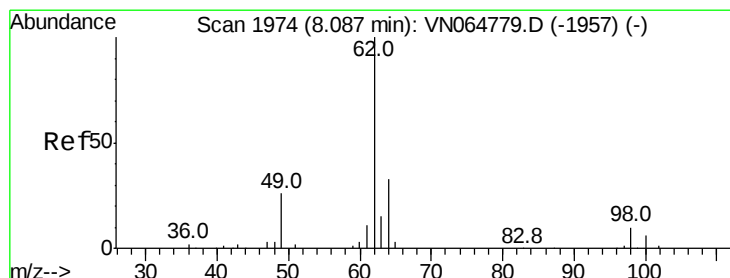
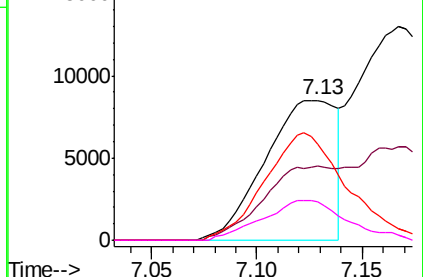
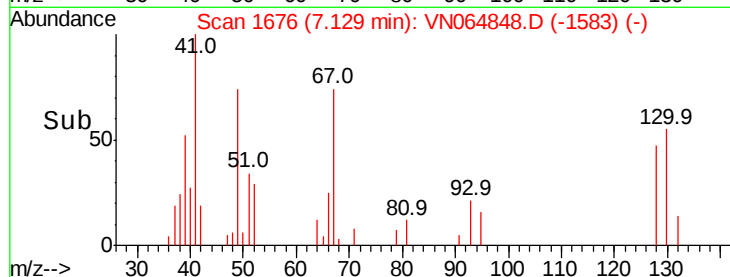
#41
Methacrylonitrile
Concen: 17.259 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion: 41 Resp: 19964
Ion Ratio Lower Upper
41 100
39 49.7 51.0 76.6#
67 88.4 79.8 119.8
52 33.6 31.5 47.3

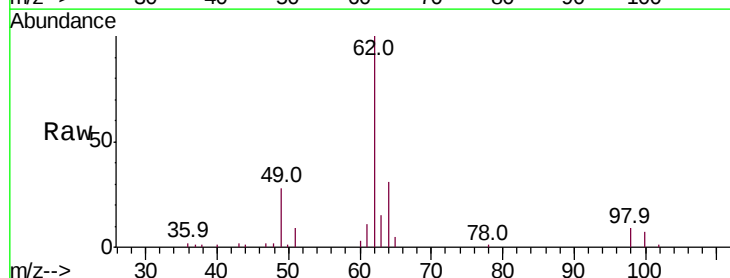


Abundance Ion 41.00 (40.70 to 41.70): VNC
20000 Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

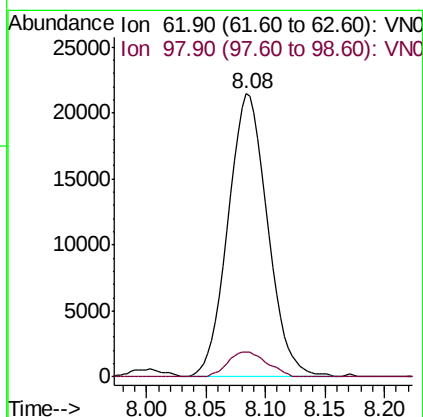
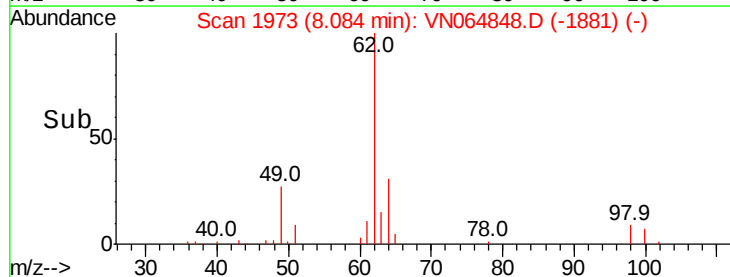


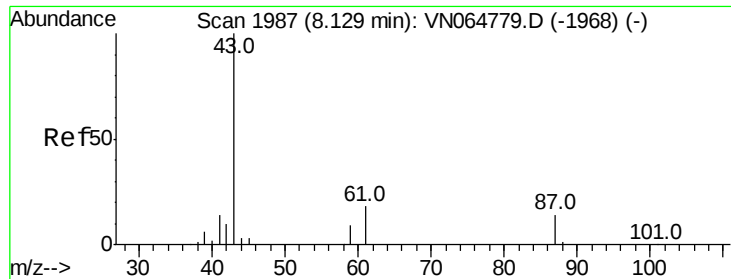
#42
1,2-Dichloroethane
Concen: 18.392 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 62 Resp: 49479
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VNC
25000 Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 16.785 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

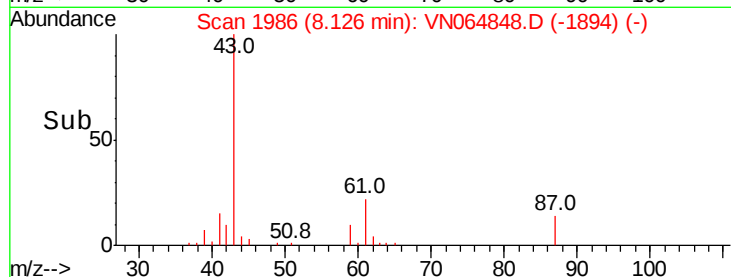
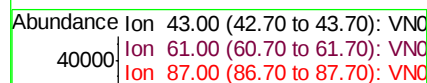
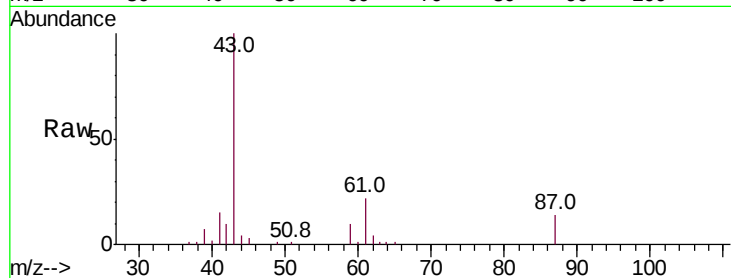
Tot Ion: 43 Resp: 67709

Ion Ratio Lower Upper

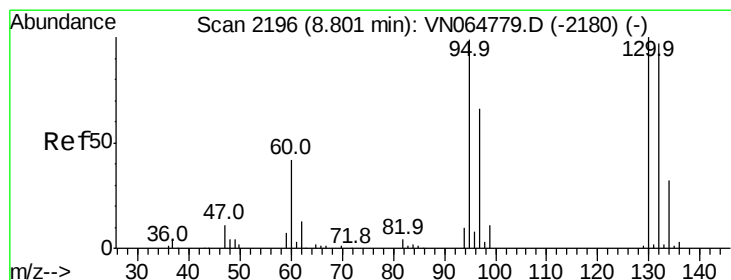
43 100

61 22.4 17.2 25.8

87 14.4 11.4 17.0



Time-->



#44

Trichloroethene

Concen: 17.181 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064848.D

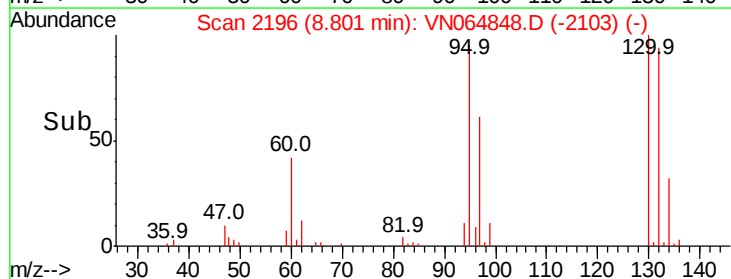
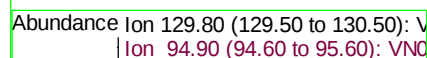
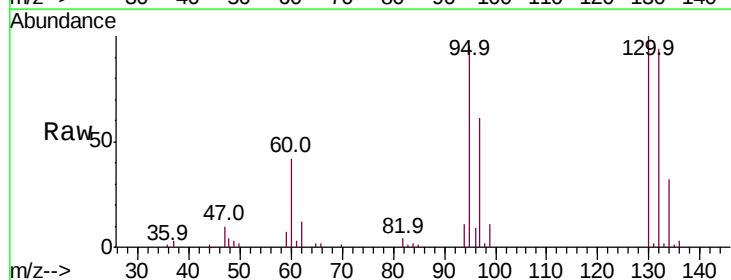
Acq: 25 Nov 2020 11:28

Tgt Ion:130 Resp: 40427

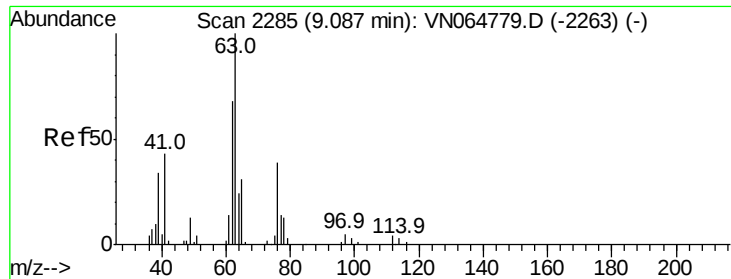
Ion Ratio Lower Upper

130 100

95 95.3 0.0 197.8



Time-->



#45

1,2-Dichloropropane

Concen: 18.637 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

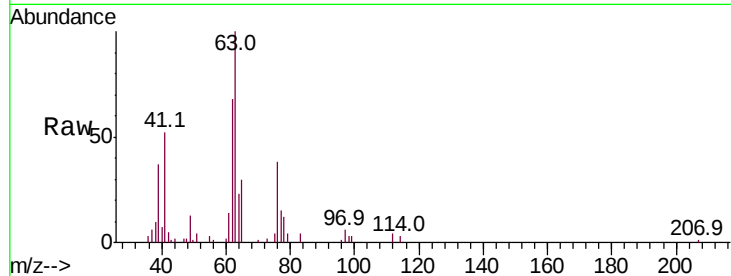
VN1125WBSD01

Tot Ion: 63 Resp: 38489

Ion Ratio Lower Upper

63 100

65 30.0 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

20000

15000

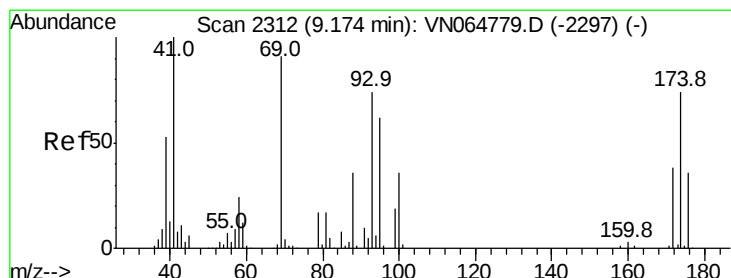
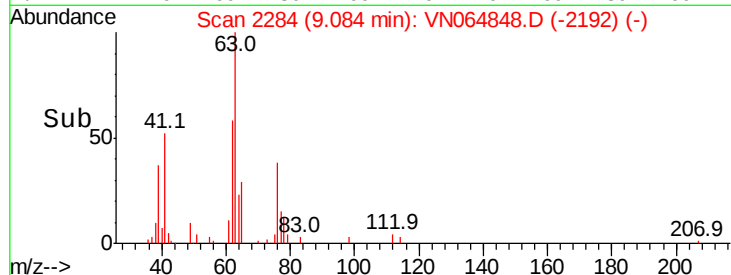
10000

5000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 18.717 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

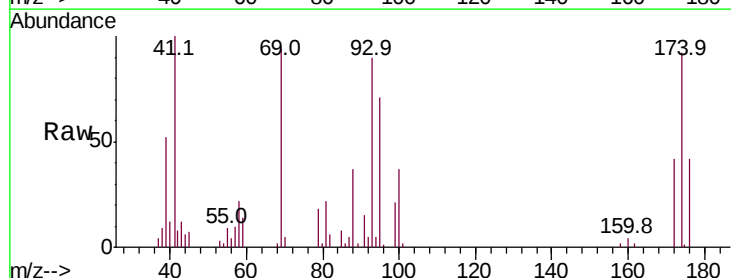
Tgt Ion: 93 Resp: 25823

Ion Ratio Lower Upper

93 100

95 80.4 68.8 103.2

174 99.2 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

15000

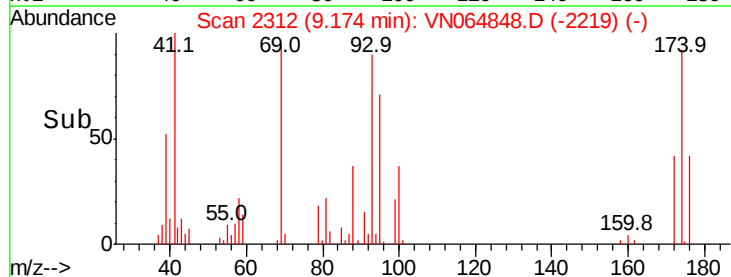
10000

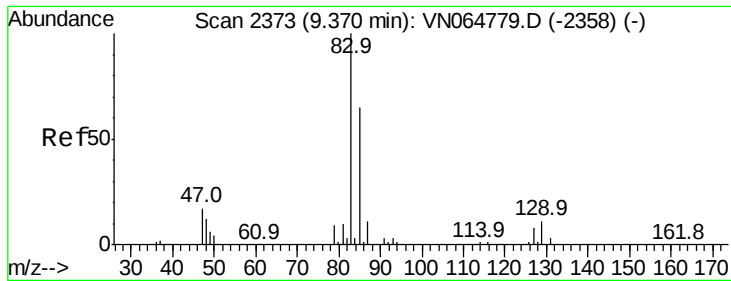
5000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 17.875 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

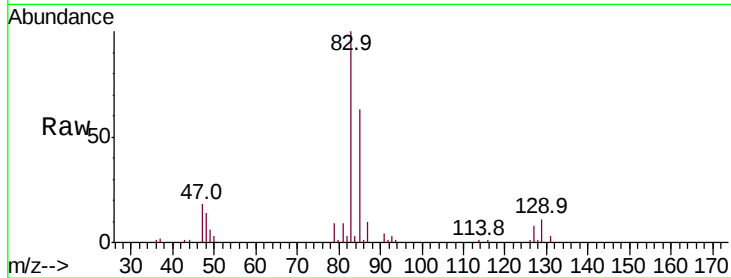
Tot Ion: 83 Resp: 49622

Ion Ratio Lower Upper

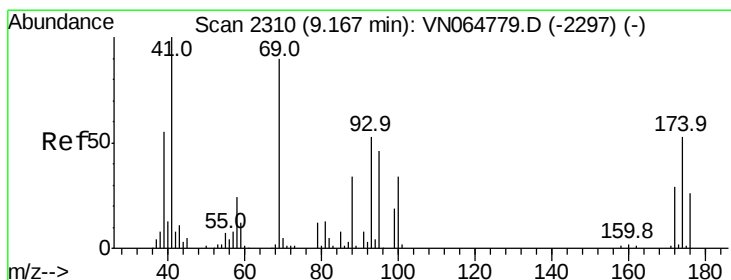
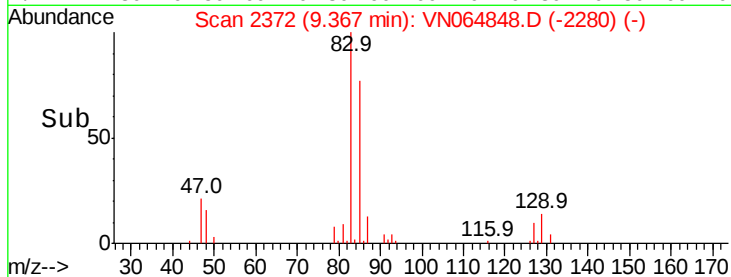
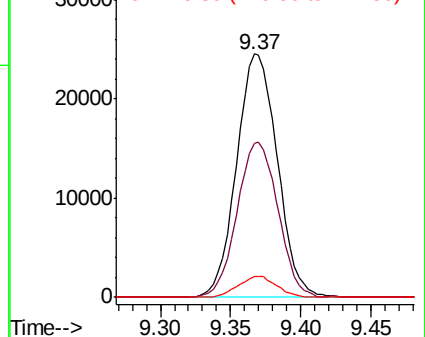
83 100

85 63.2 51.8 77.8

127 8.4 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 17.098 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

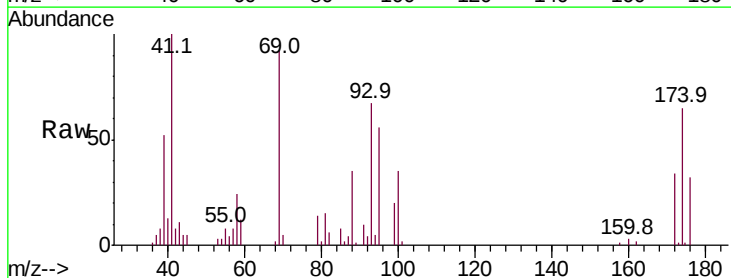
Tgt Ion: 41 Resp: 32957

Ion Ratio Lower Upper

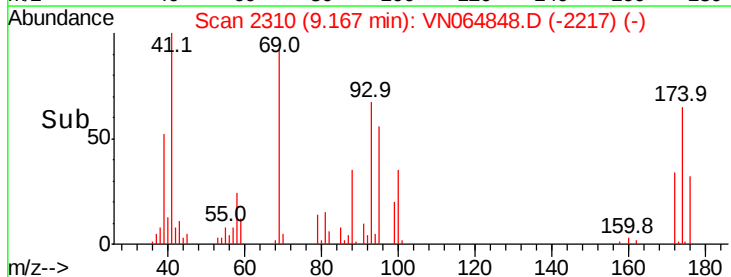
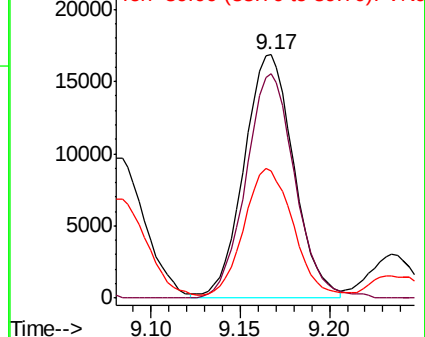
41 100

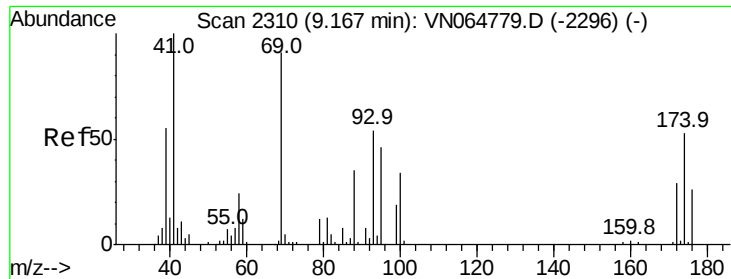
69 90.8 71.8 107.8

39 53.6 44.1 66.1



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

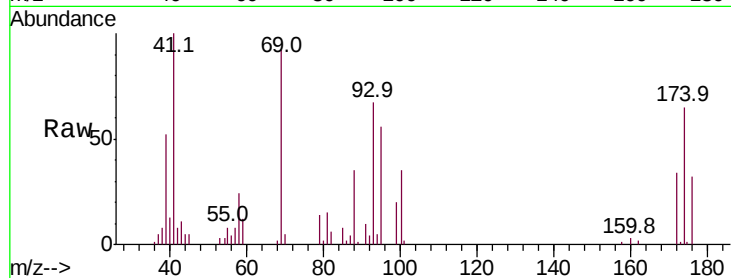




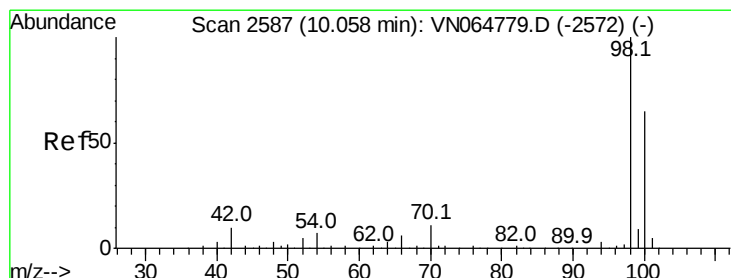
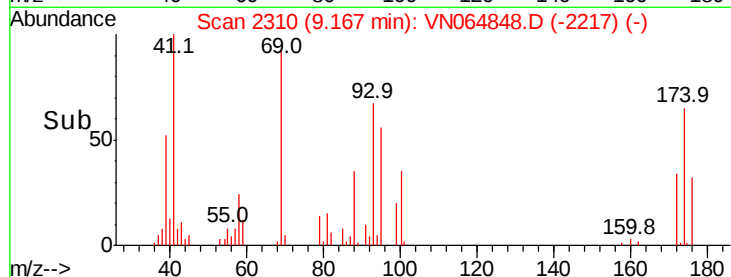
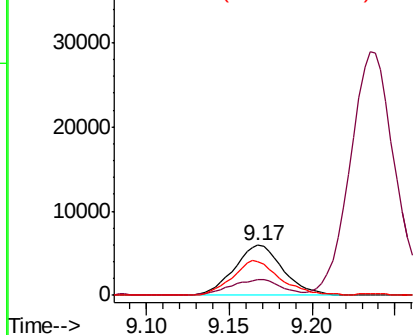
#49
 1,4-Dioxane
 Concen: 332.584 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion: 88 Resp: 12116
 Ion Ratio Lower Upper
 88 100
 43 33.6 24.2 36.4
 58 67.7 52.5 78.7

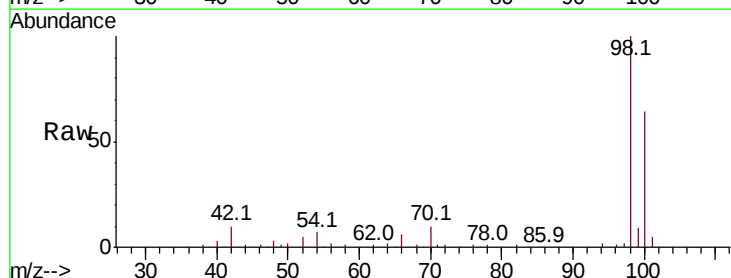


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

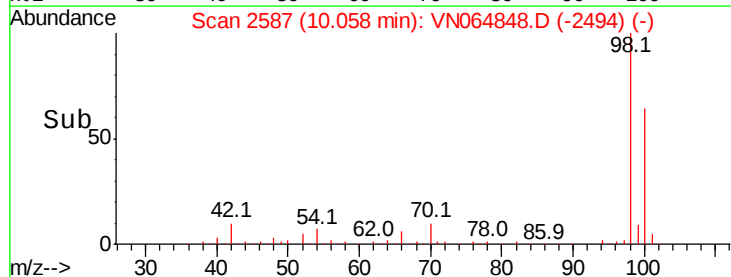
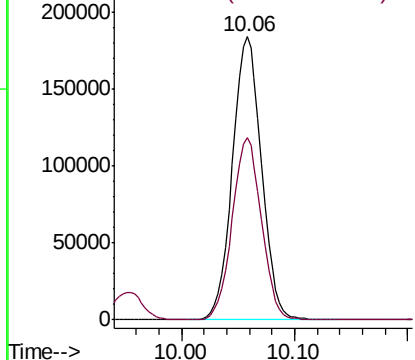


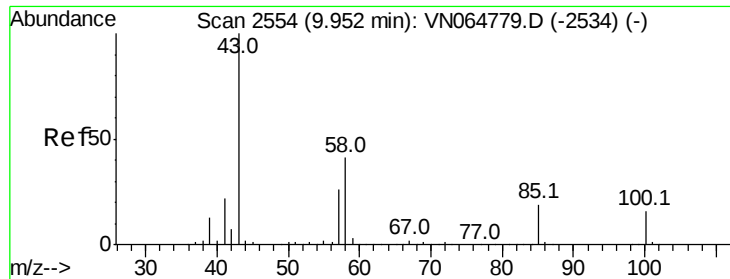
#50
 Toluene-d8
 Concen: 47.971 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion: 98 Resp: 329293
 Ion Ratio Lower Upper
 98 100
 100 64.5 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: 86.340 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

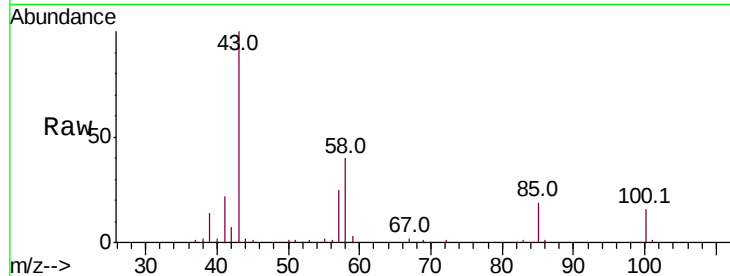
VN1125WBSD01

Tot Ion: 43 Resp: 209088

Ion Ratio Lower Upper

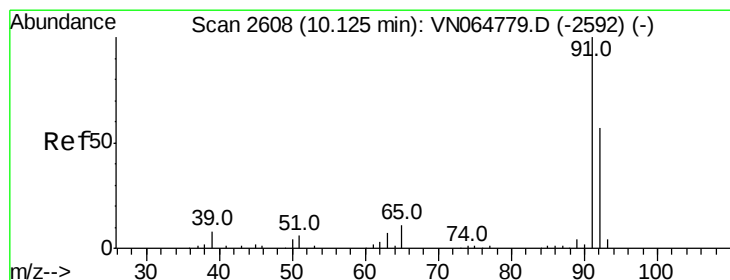
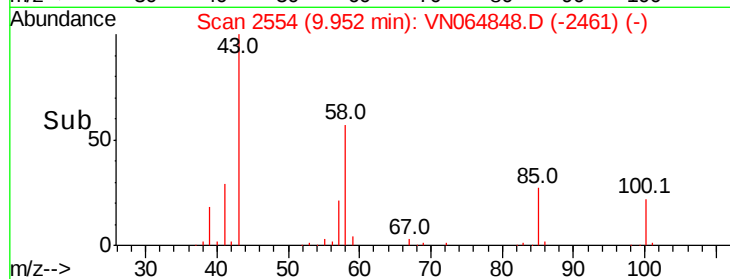
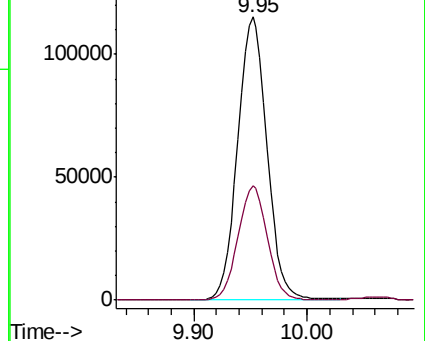
43 100

58 40.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 17.946 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064848.D

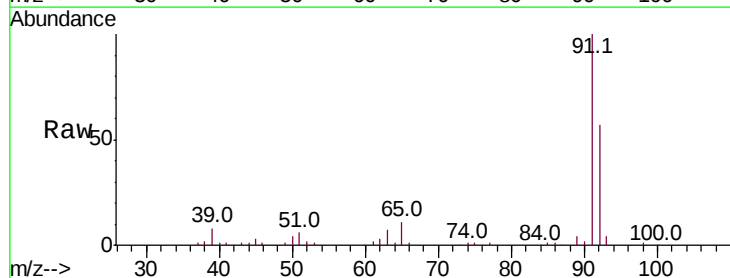
Acq: 25 Nov 2020 11:28

Tgt Ion: 92 Resp: 88133

Ion Ratio Lower Upper

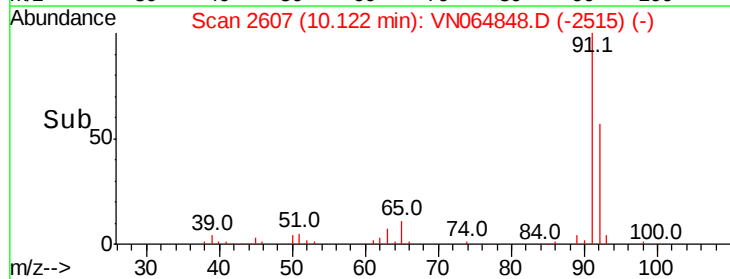
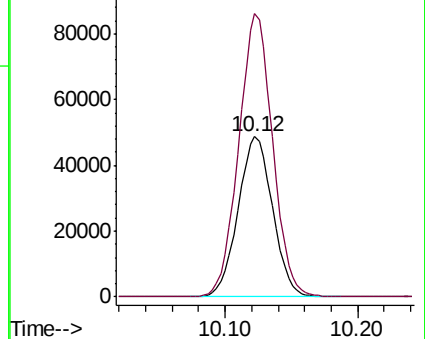
92 100

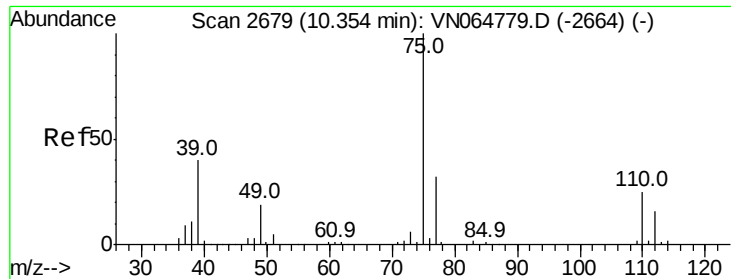
91 173.2 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 17.445 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

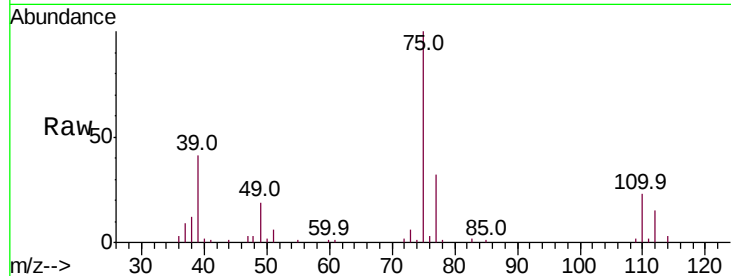
VN1125WBSD01

Tot Ion: 75 Resp: 53940

Ion Ratio Lower Upper

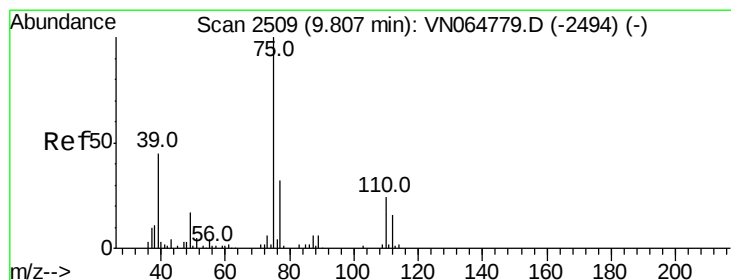
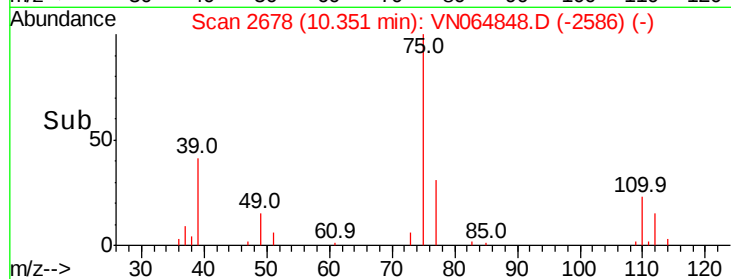
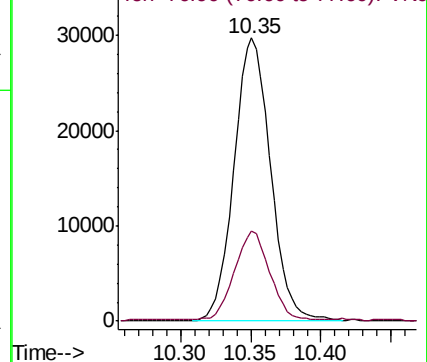
75 100

77 31.2 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 17.676 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

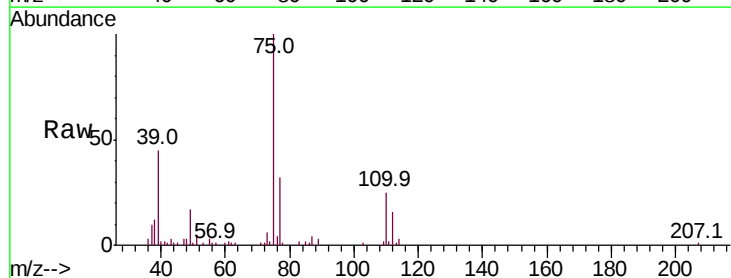
Tgt Ion: 75 Resp: 58581

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

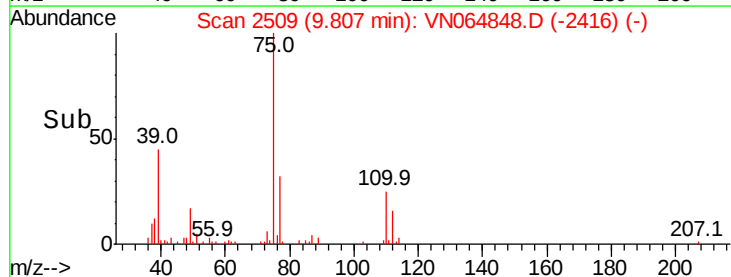
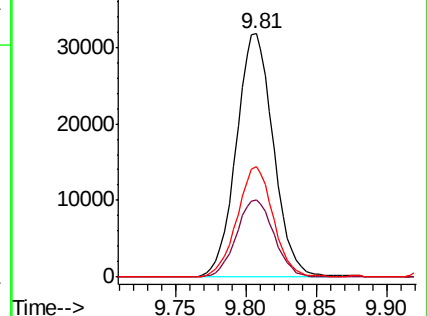
39 45.5 35.6 53.4

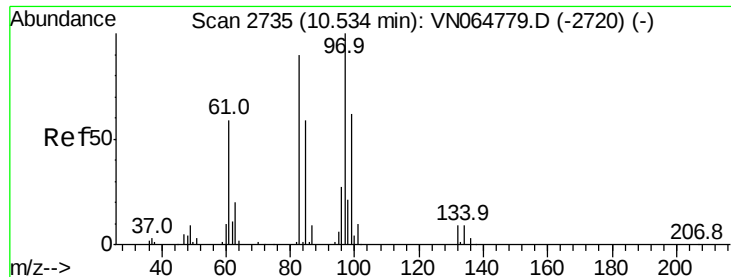


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

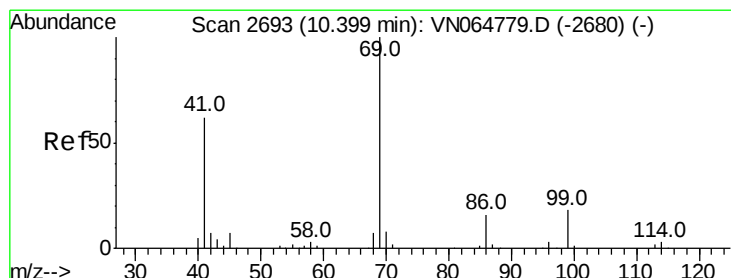
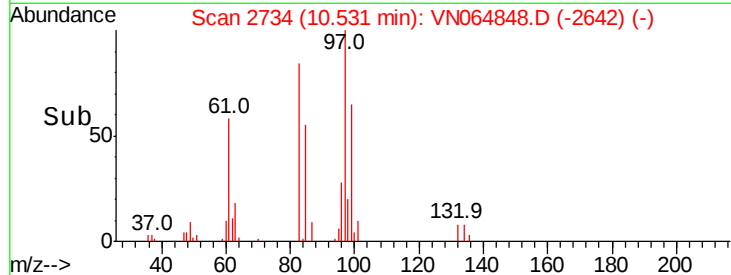
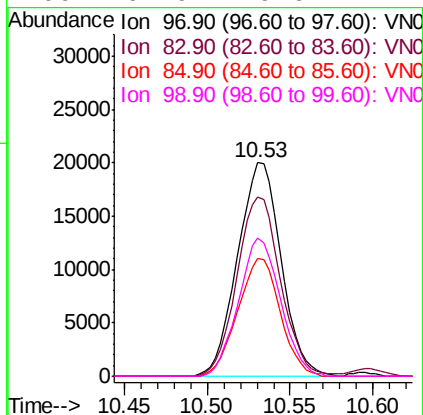
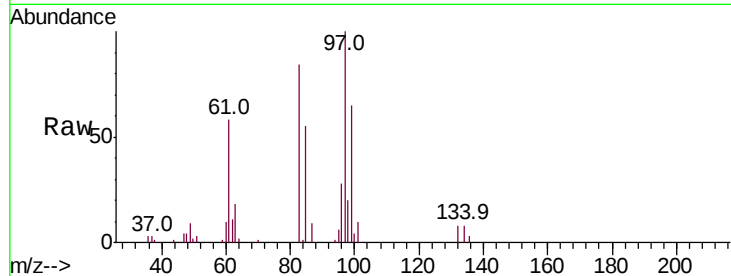




#55
 1,1,2-Trichloroethane
 Concen: 18.109 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

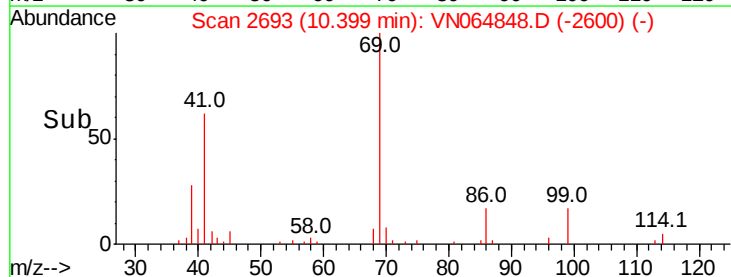
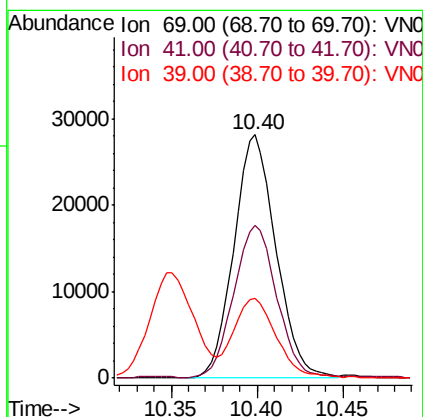
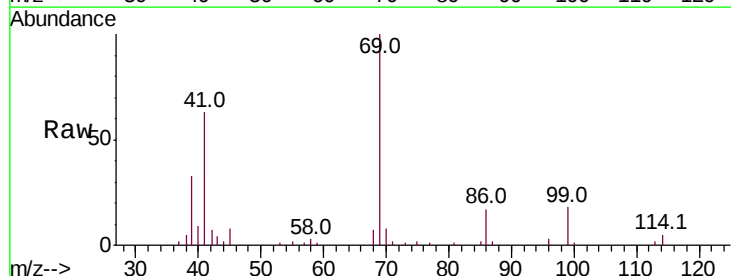
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

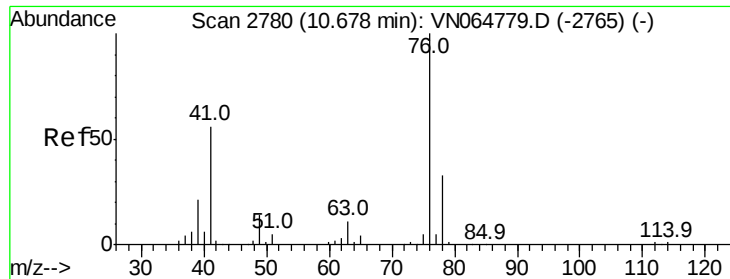
Tot Ion: 97 Resp: 36571
 Ion Ratio Lower Upper
 97 100
 83 84.1 72.1 108.1
 85 55.0 46.8 70.2
 99 64.9 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 17.129 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion: 69 Resp: 47735
 Ion Ratio Lower Upper
 69 100
 41 64.6 49.4 74.0
 39 33.5 25.9 38.9





#57

1,3-Dichloropropane

Concen: 18.158 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

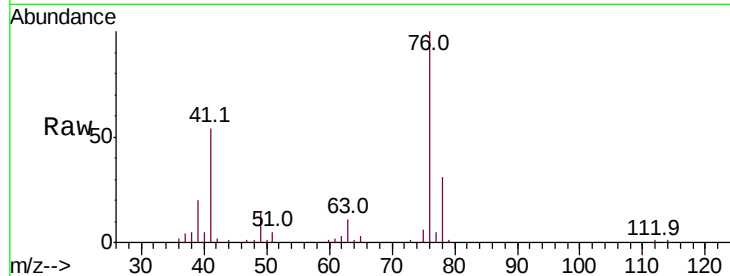
VN1125WBSD01

Tot Ion: 76 Resp: 60492

Ion Ratio Lower Upper

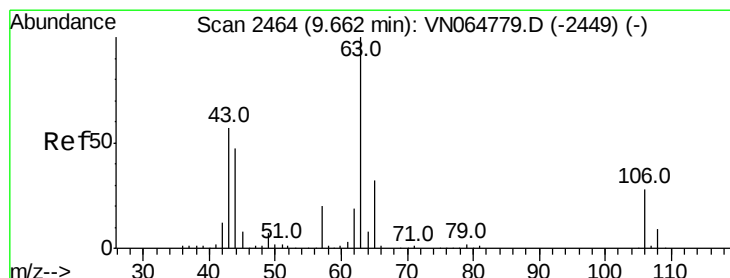
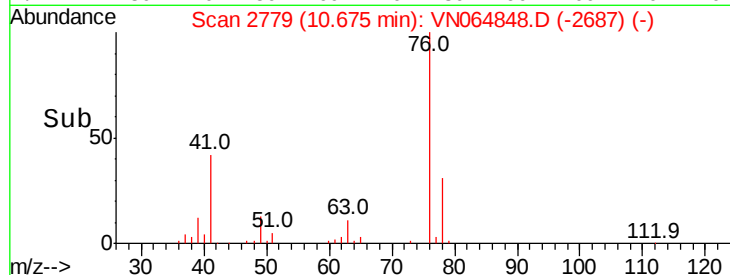
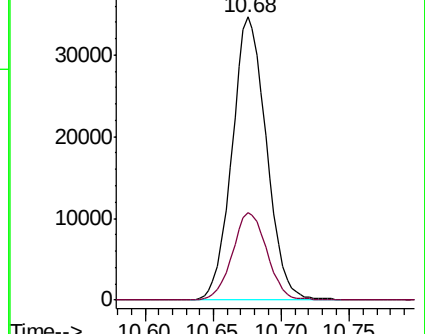
76 100

78 31.1 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: 91.552 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064848.D

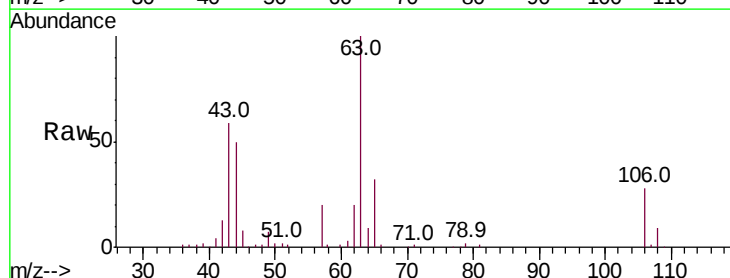
Acq: 25 Nov 2020 11:28

Tgt Ion: 63 Resp: 140346

Ion Ratio Lower Upper

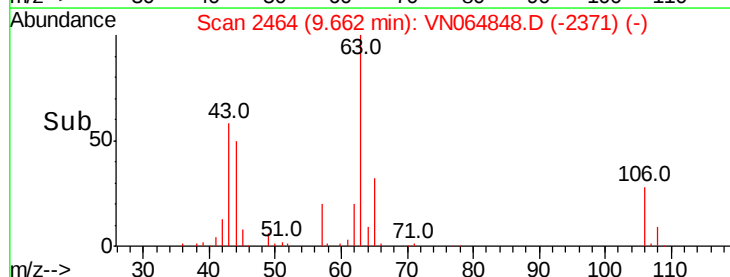
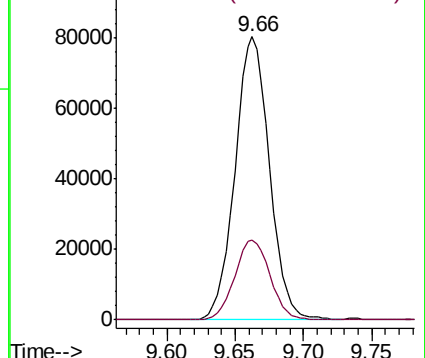
63 100

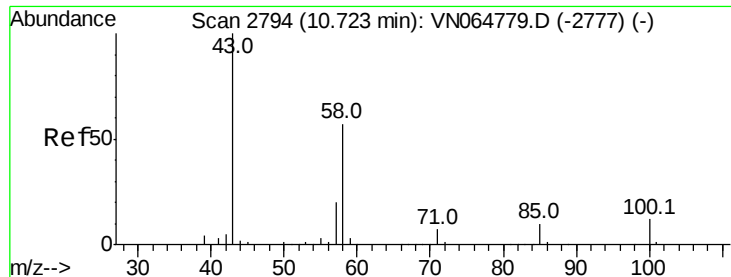
106 29.0 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

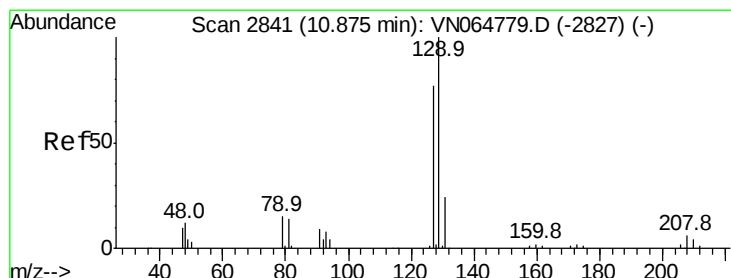
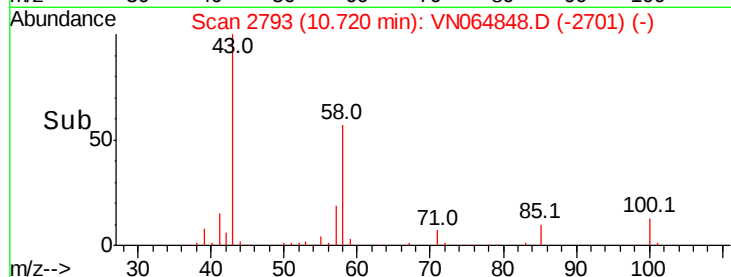
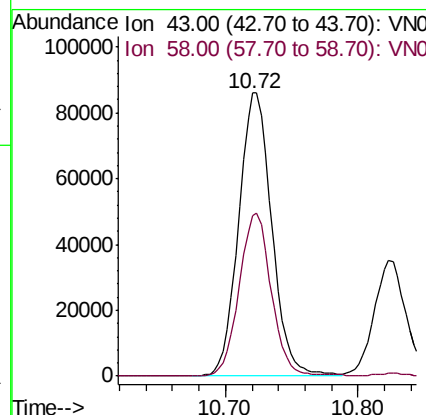
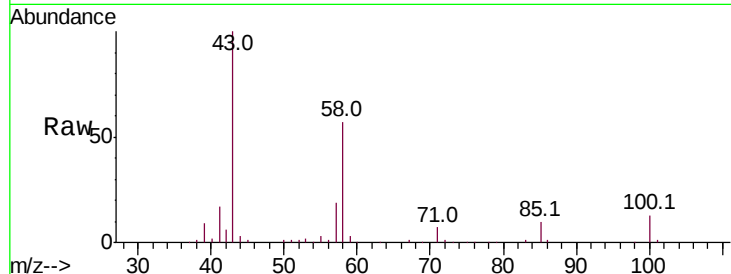




#59
2-Hexanone
Concen: 85.787 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

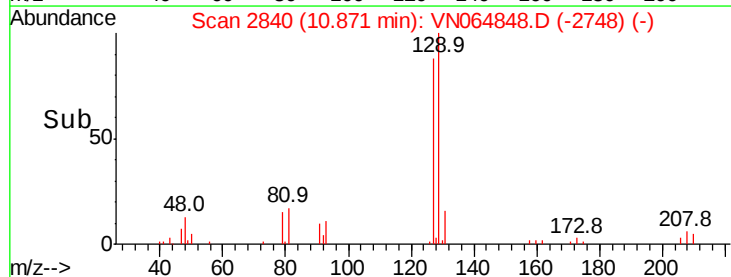
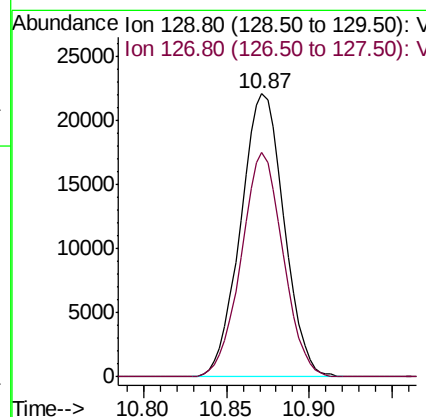
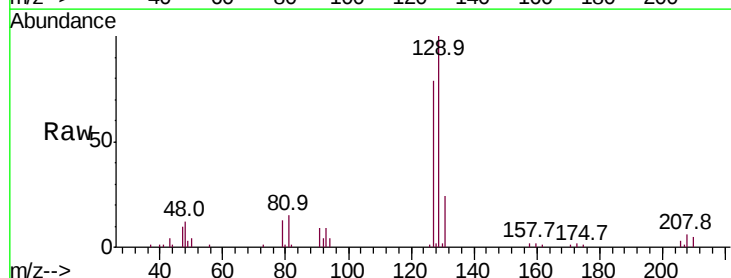
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

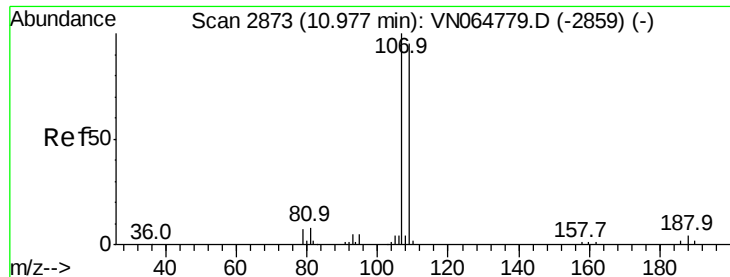
Tot Ion: 43 Resp: 149513
Ion Ratio Lower Upper
43 100
58 55.8 28.3 84.9



#60
Dibromochloromethane
Concen: 17.955 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 129 Resp: 40306
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.561 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

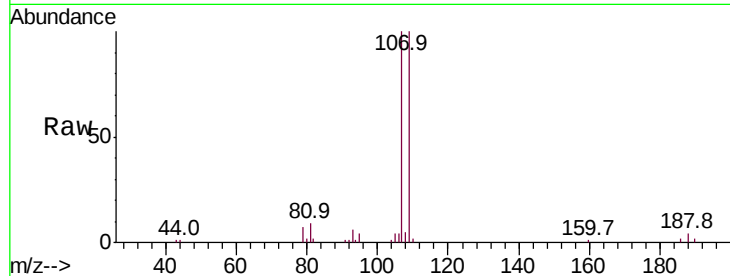
VN1125WBSD01

Tot Ion:107 Resp: 36032

Ion Ratio Lower Upper

107 100

109 99.1 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.97

20000

15000

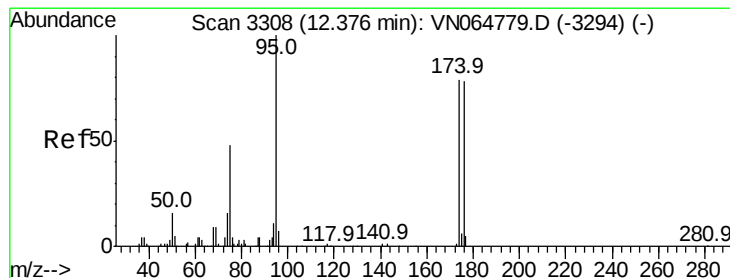
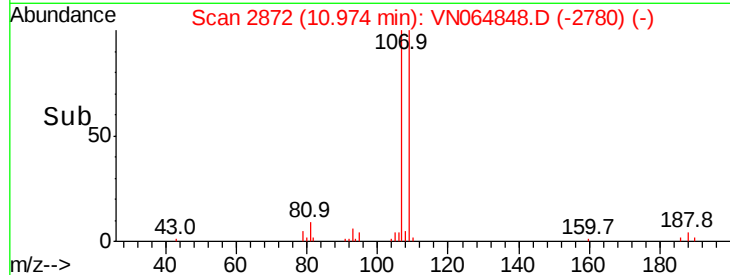
10000

5000

0

Time-->

10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 46.445 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

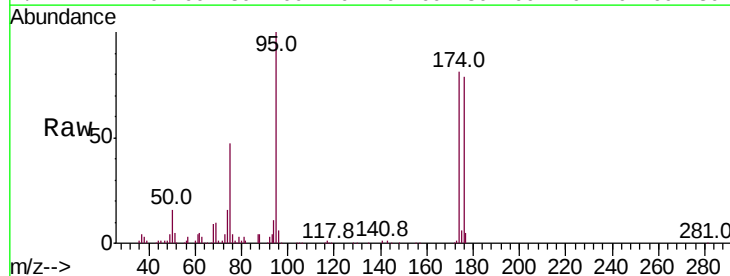
Tgt Ion: 95 Resp: 114097

Ion Ratio Lower Upper

95 100

174 83.0 0.0 160.4

176 79.3 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.37

80000

60000

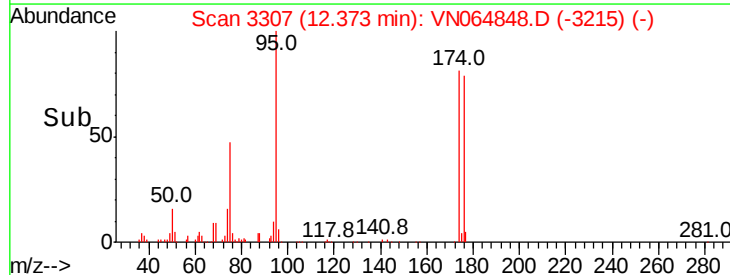
40000

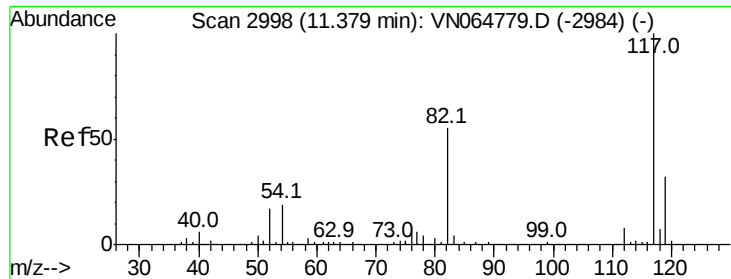
20000

0

Time-->

12.30 12.35 12.40 12.45

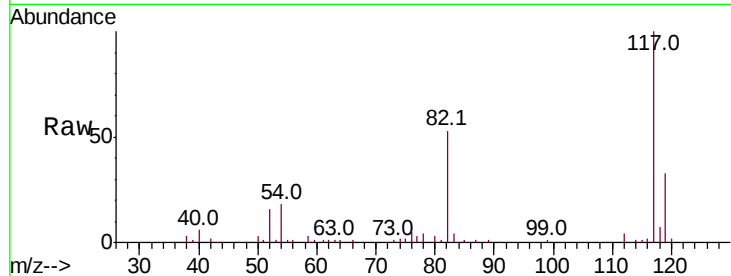




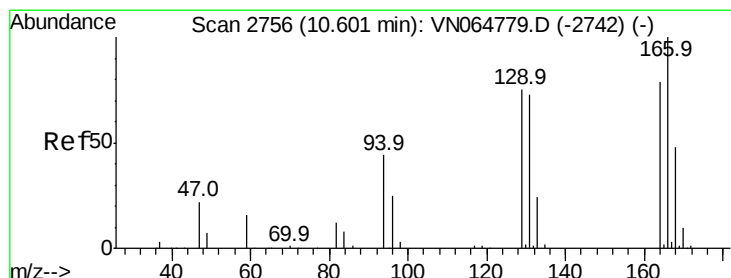
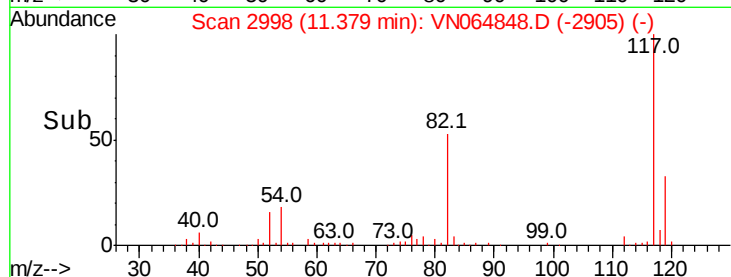
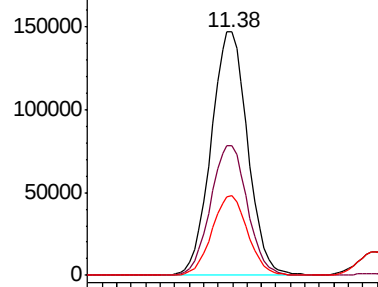
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion:117 Resp: 256998
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.6 25.8 38.6

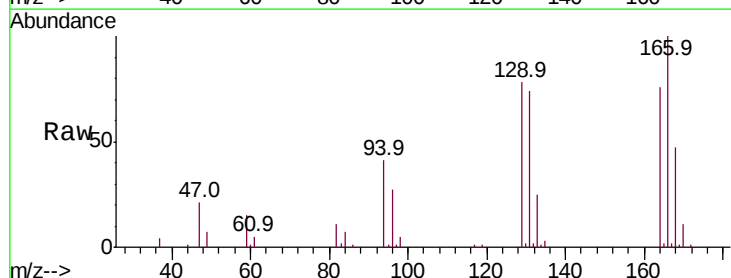


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

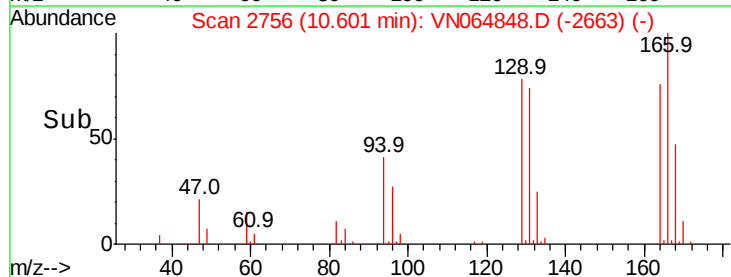
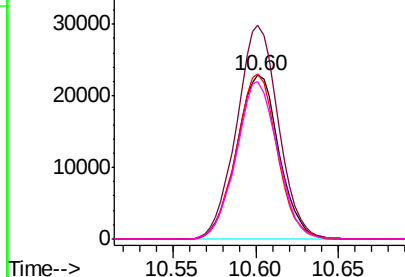


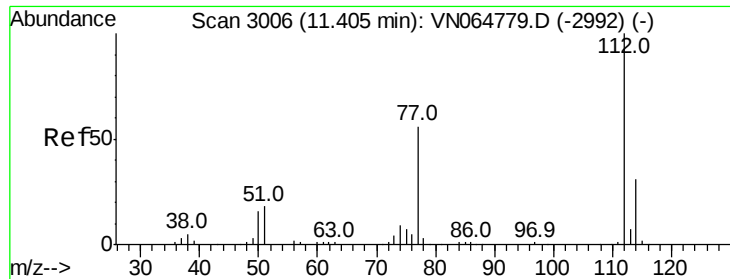
#64
Tetrachloroethene
Concen: 16.411 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion:164 Resp: 41032
Ion Ratio Lower Upper
164 100
166 130.8 101.4 152.0
129 101.5 76.1 114.1
131 96.3 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

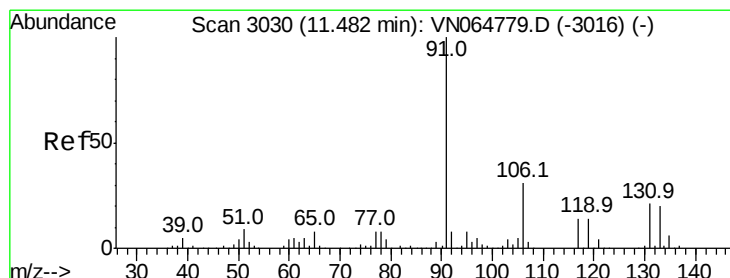
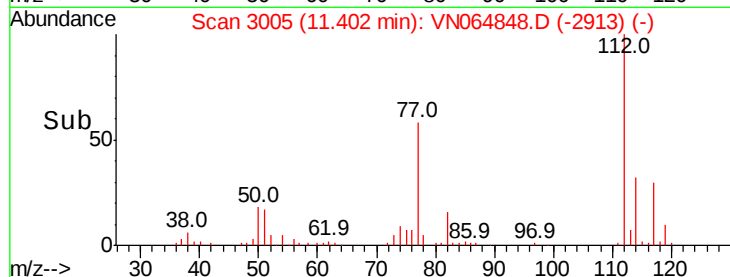
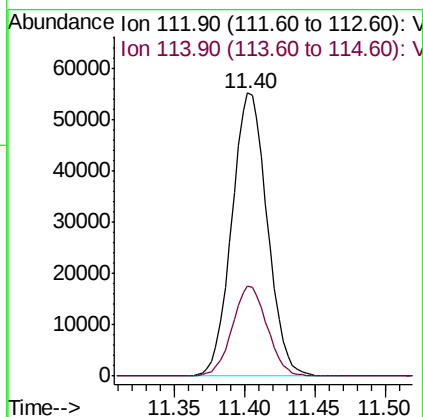
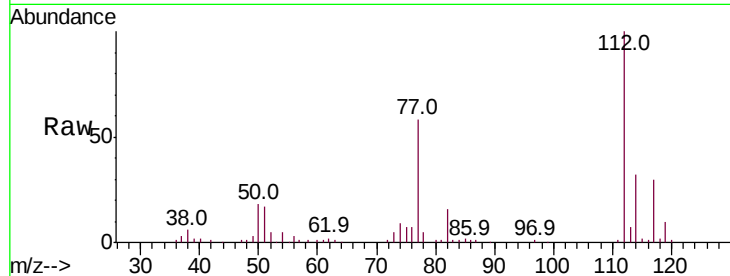




#65
Chlorobenzene
Concen: 17.601 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

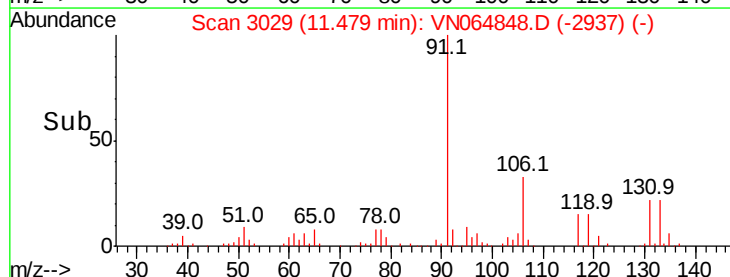
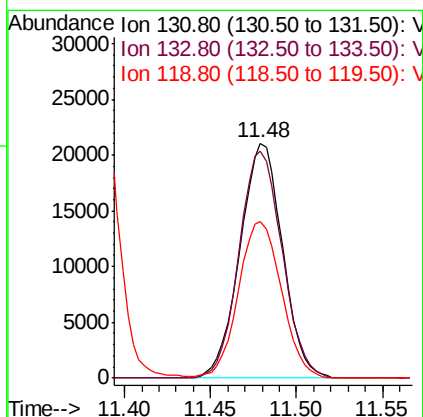
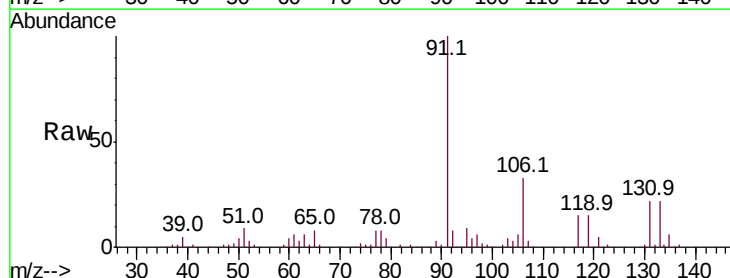
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

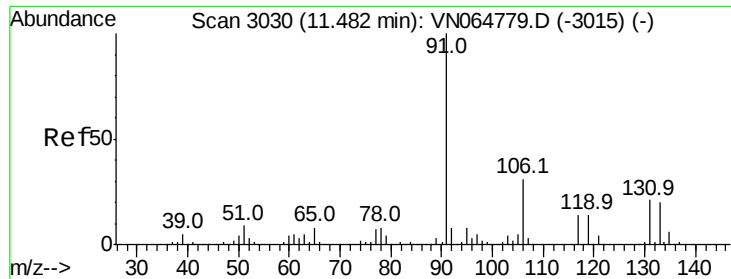
Tot Ion:112 Resp: 97139
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 17.863 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion:131 Resp: 36230
Ion Ratio Lower Upper
131 100
133 97.7 47.5 142.5
119 67.7 33.3 99.8

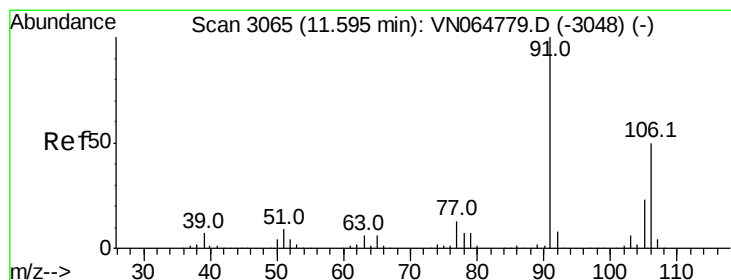
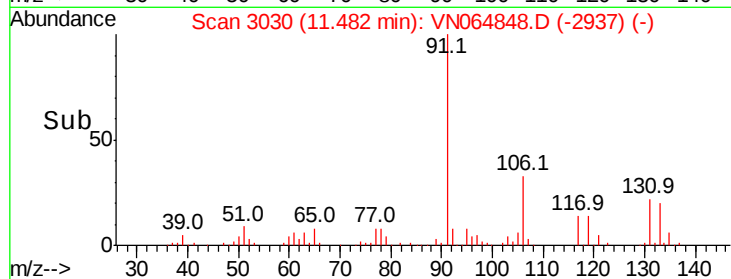
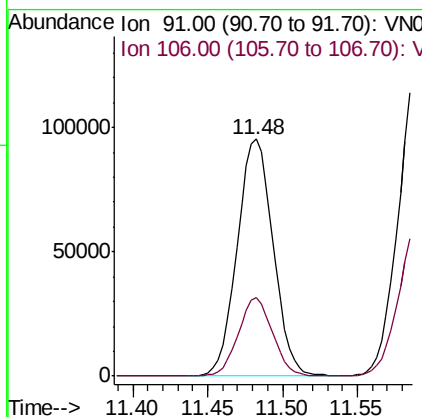
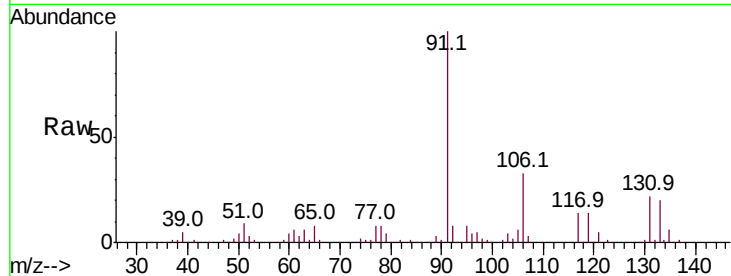




#67
Ethyl Benzene
Concen: 17.330 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

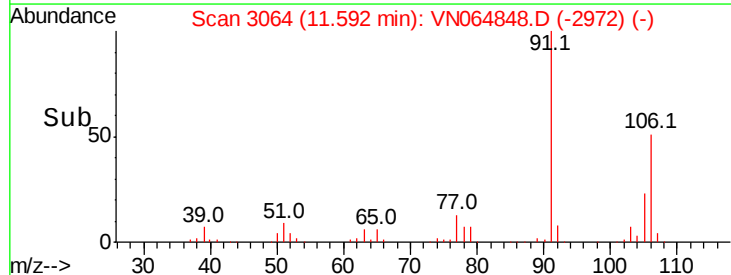
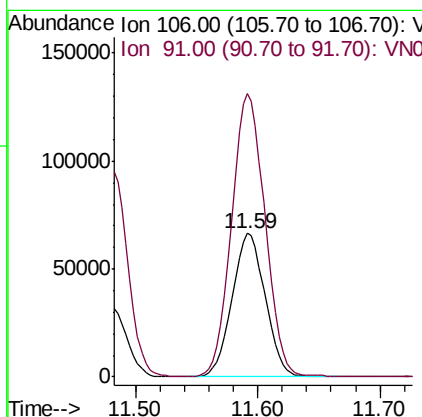
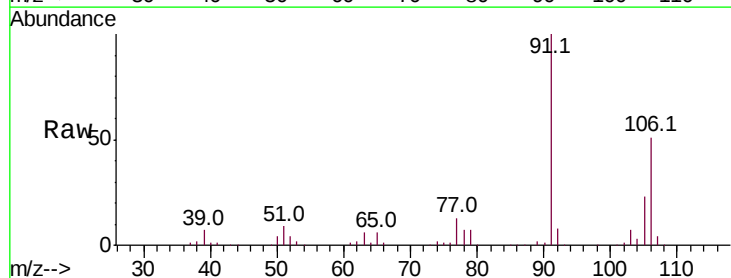
Instrument :
MSVOA_N
ClientSampled :
VN1125WBSD01

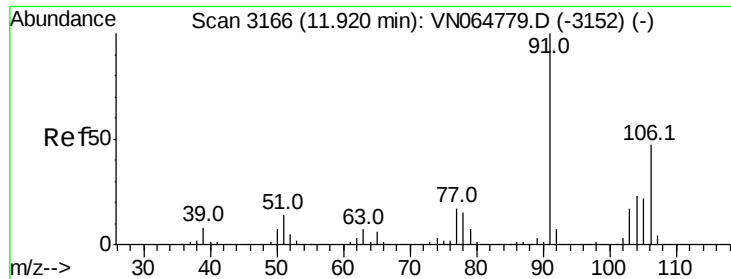
Tot Ion: 91 Resp: 159776
Ion Ratio Lower Upper
91 100
106 32.9 25.2 37.8



#68
m/p-Xylenes
Concen: 35.925 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 106 Resp: 125402
Ion Ratio Lower Upper
106 100
91 199.3 161.0 241.4

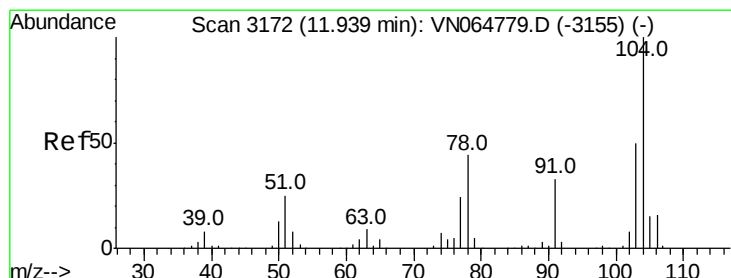
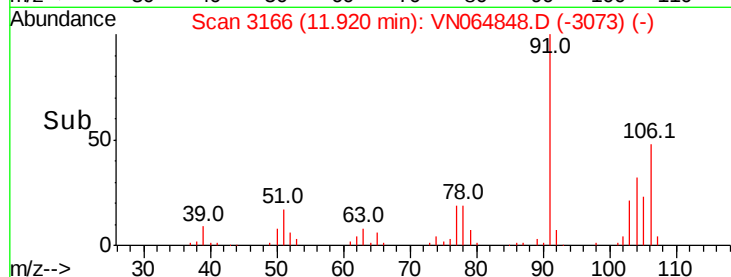
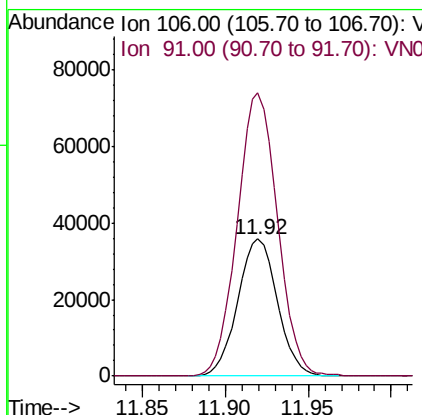
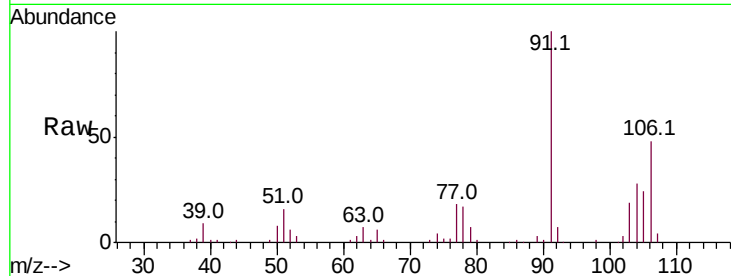




#69
o-Xylene
Concen: 17.995 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

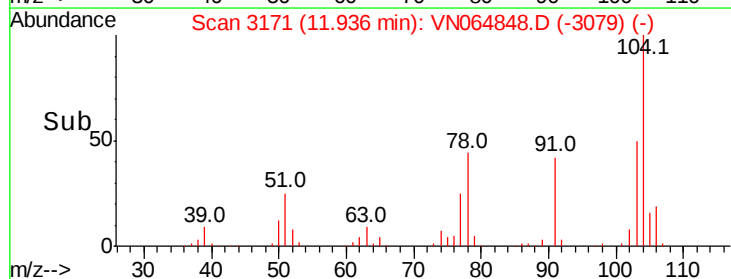
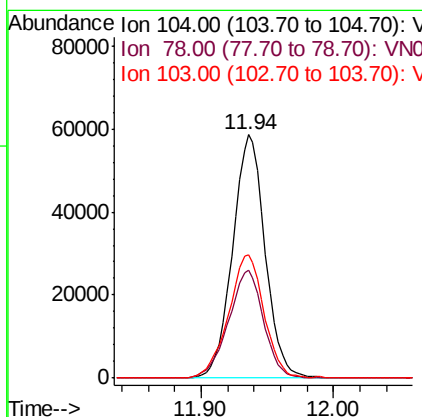
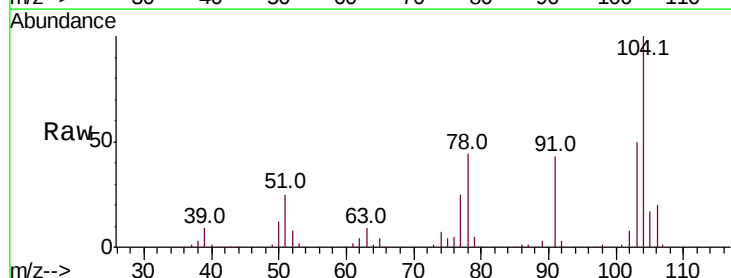
Instrument :
MSVOA_N
ClientSampled :
VN1125WBSD01

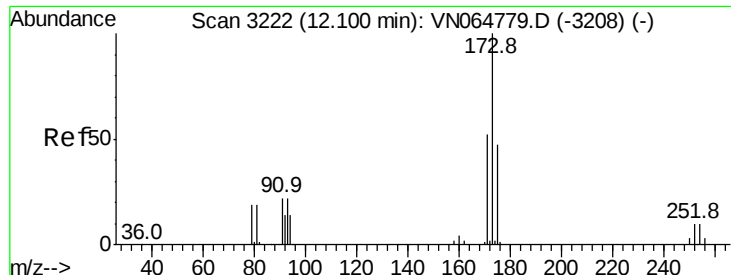
Tot Ion:106 Resp: 59608
Ion Ratio Lower Upper
106 100
91 209.3 105.5 316.5



#70
Styrene
Concen: 17.834 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion:104 Resp: 99726
Ion Ratio Lower Upper
104 100
78 47.7 39.0 58.6
103 55.1 44.3 66.5

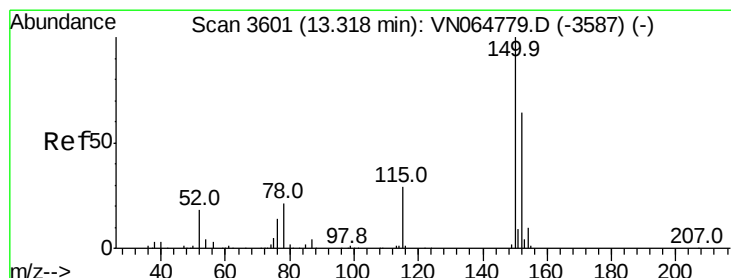
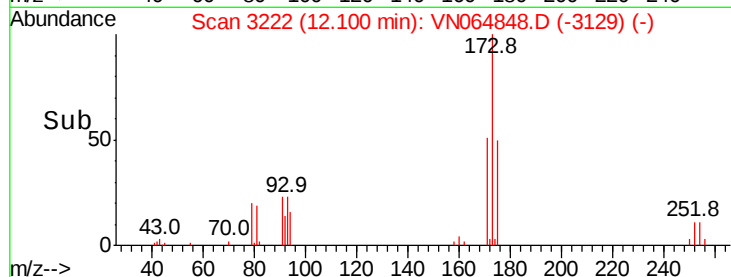
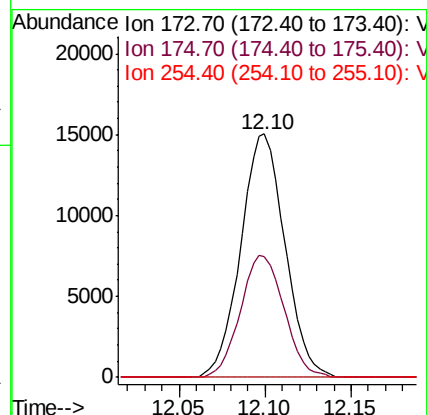
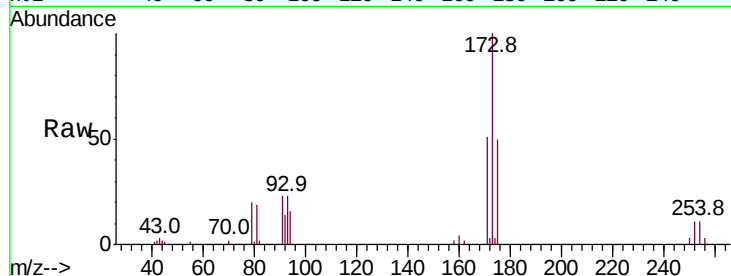




#71
Bromoform
Concen: 16.547 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

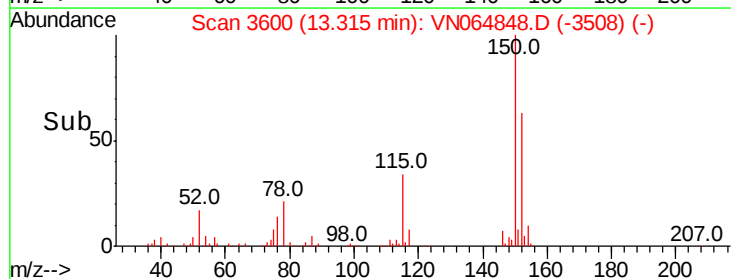
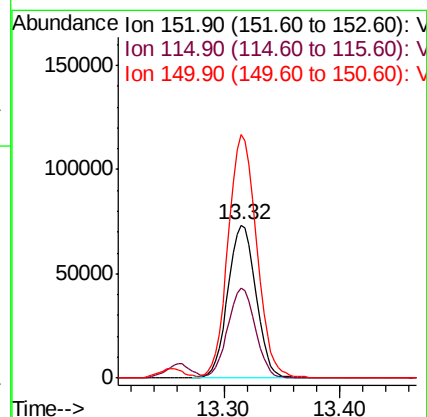
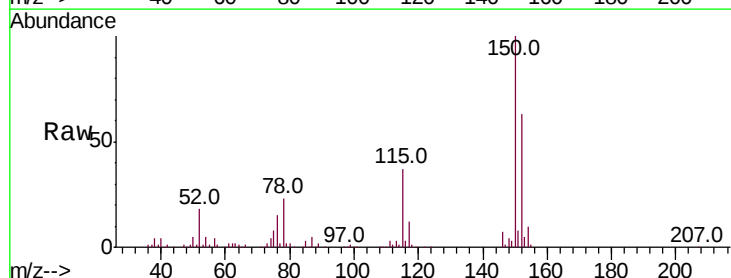
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

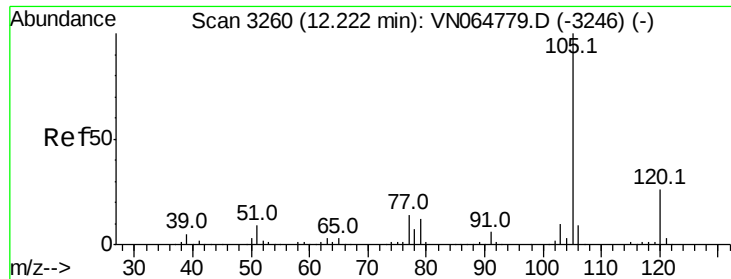
Tot Ion:173 Resp: 26806
Ion Ratio Lower Upper
173 100
175 49.4 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion:152 Resp: 122848
Ion Ratio Lower Upper
152 100
115 57.8 29.7 89.1
150 161.4 0.0 350.6





#73

Isopropylbenzene

Concen: 18.684 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

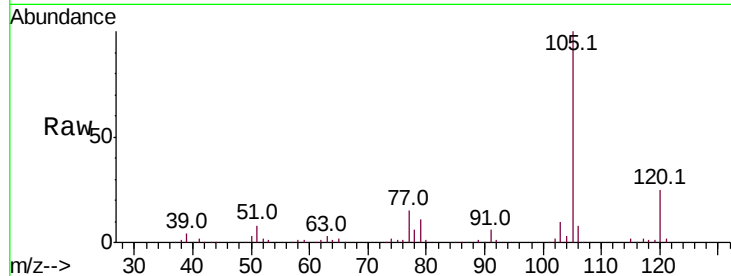
VN1125WBSD01

Tot Ion:105 Resp: 159652

Ion Ratio Lower Upper

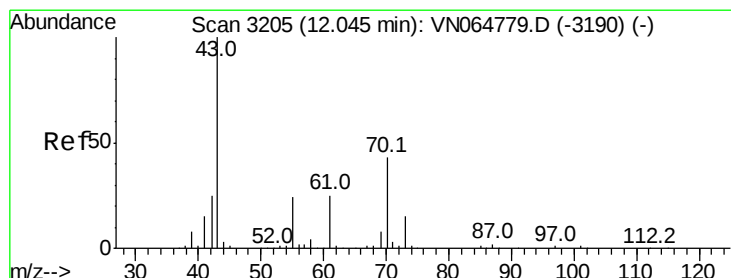
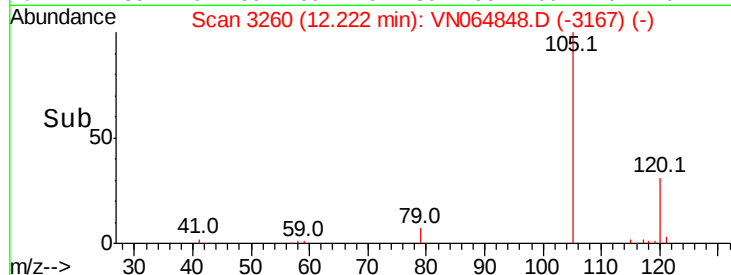
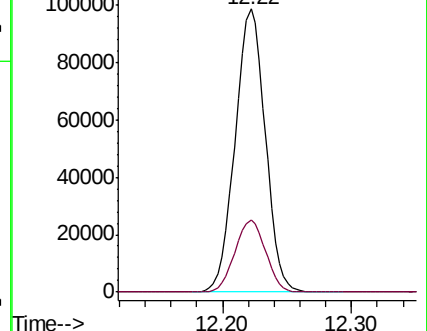
105 100

120 25.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.696 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Tgt Ion: 43 Resp: 56144

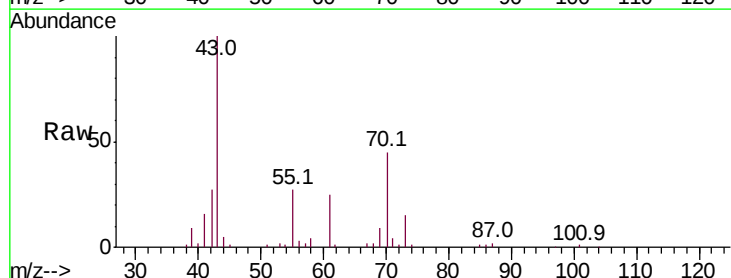
Ion Ratio Lower Upper

43 100

70 43.3 34.5 51.7

55 26.7 20.4 30.6

61 24.9 20.0 30.0

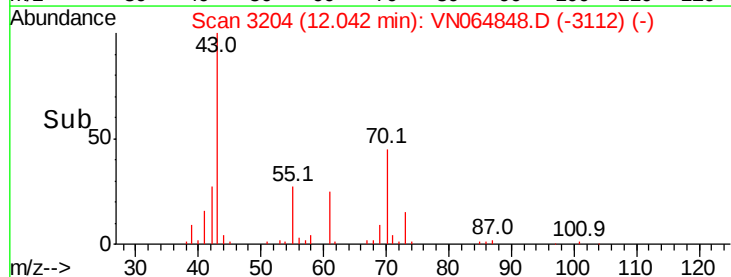
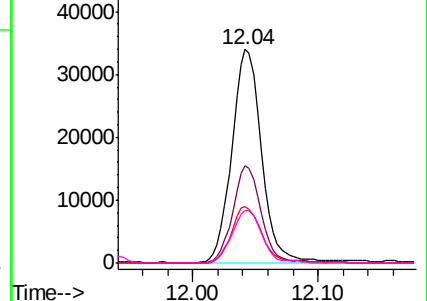


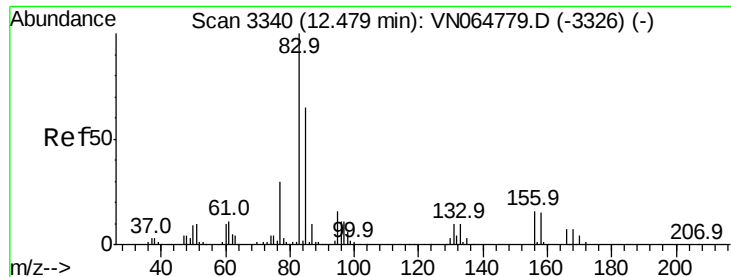
Abundance Ion 43.00 (42.70 to 43.70): VN0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 17.892 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

VN1125WBSD01

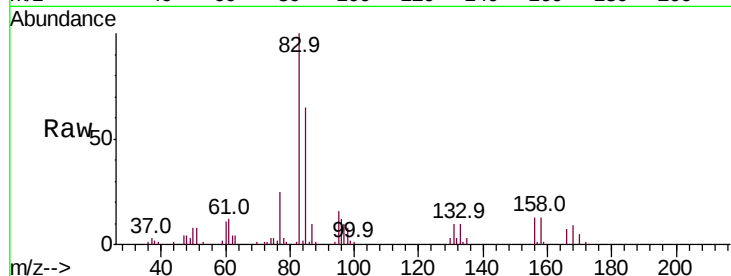
Tot Ion: 83 Resp: 44811

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

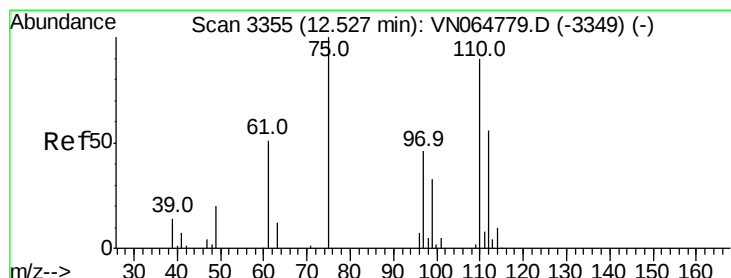
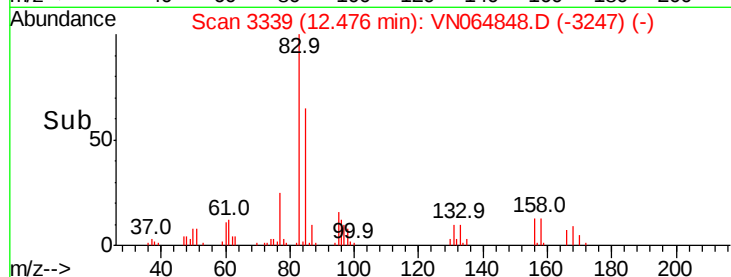
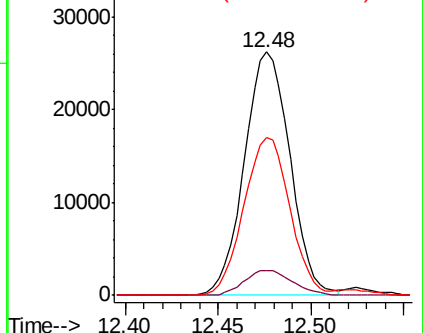
85 65.2 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 24.206 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064848.D

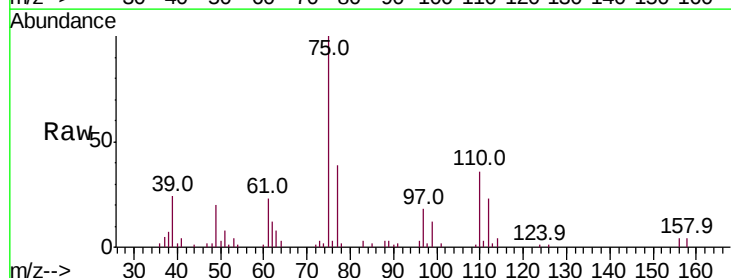
Acq: 25 Nov 2020 11:28

Tgt Ion: 75 Resp: 64040

Ion Ratio Lower Upper

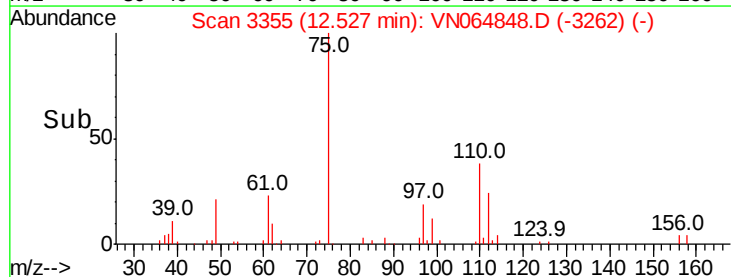
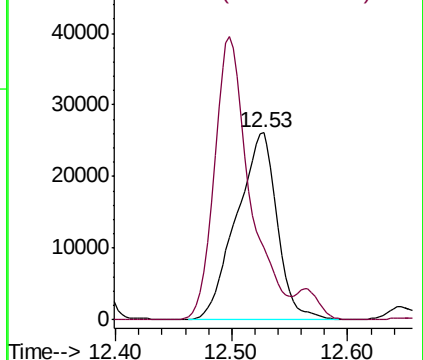
75 100

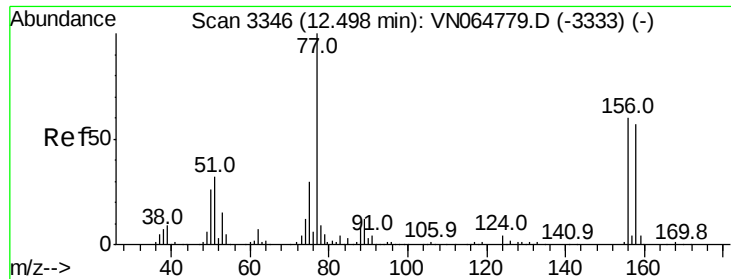
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 18.008 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

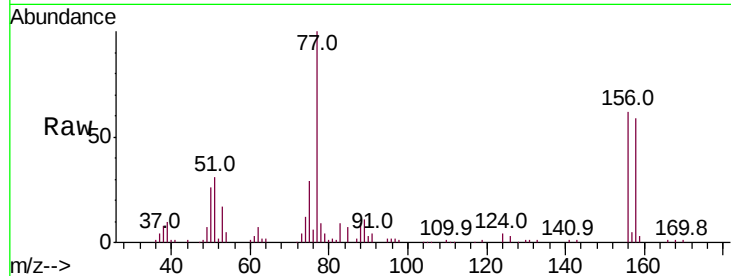
Tot Ion:156 Resp: 41484

Ion Ratio Lower Upper

156 100

77 202.6 101.3 303.7

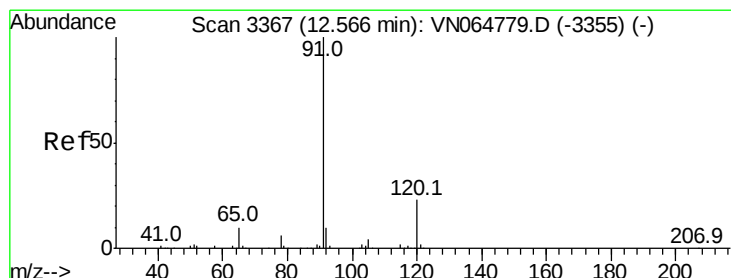
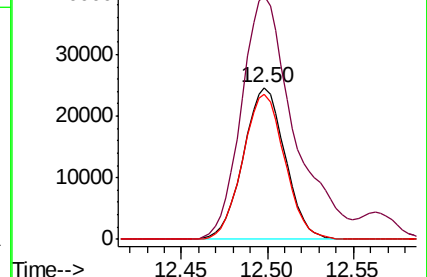
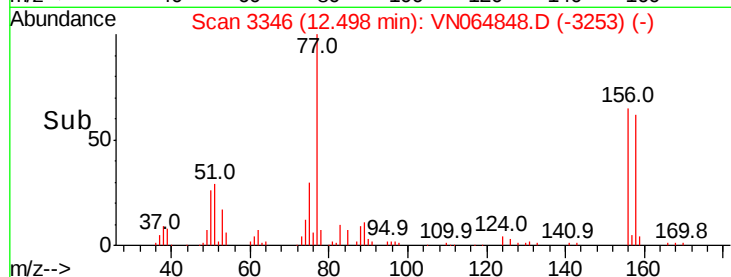
158 96.0 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.252 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064848.D

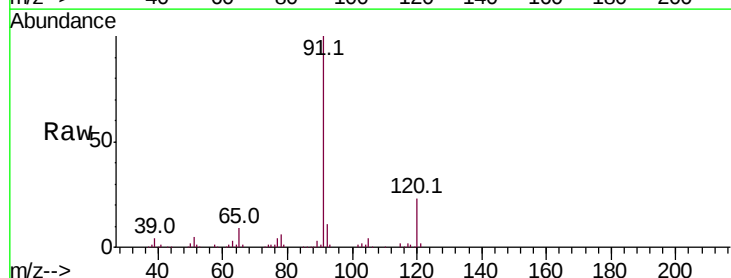
Acq: 25 Nov 2020 11:28

Tgt Ion: 91 Resp: 177675

Ion Ratio Lower Upper

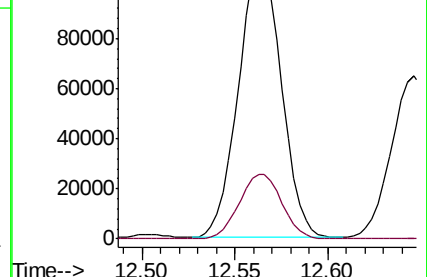
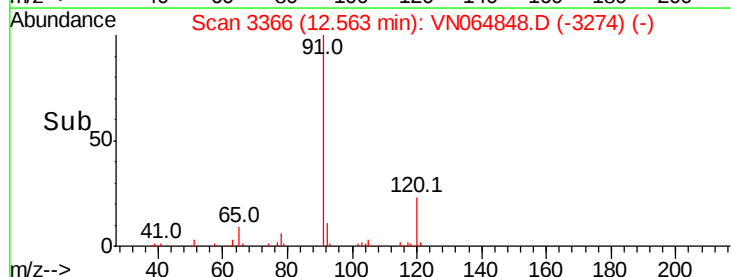
91 100

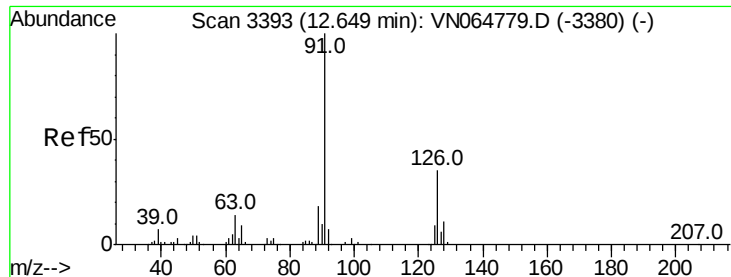
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.909 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

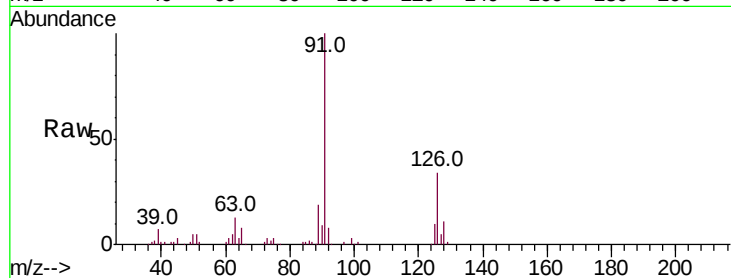
VN1125WBSD01

Tot Ion: 91 Resp: 107763

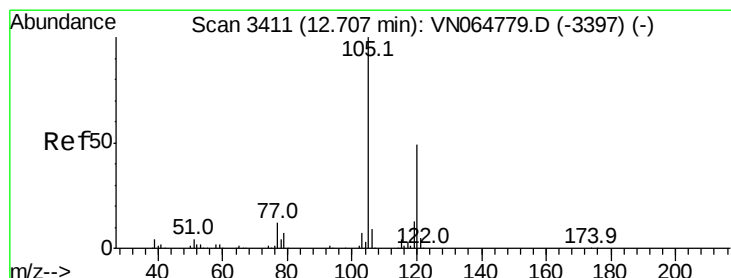
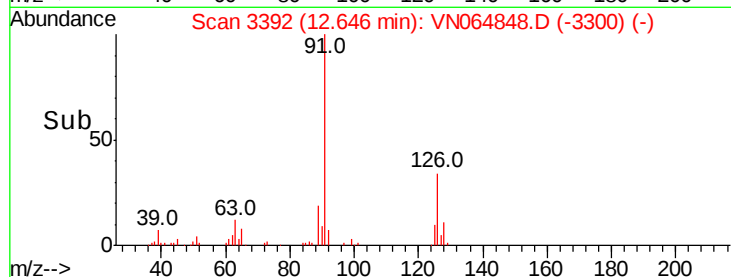
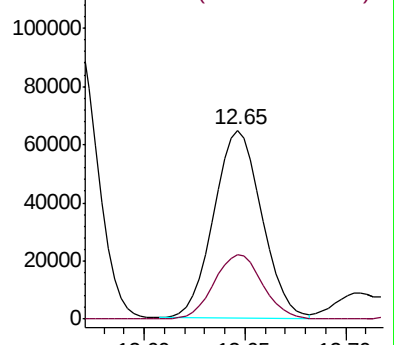
Ion Ratio Lower Upper

91 100

126 34.8 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.900 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064848.D

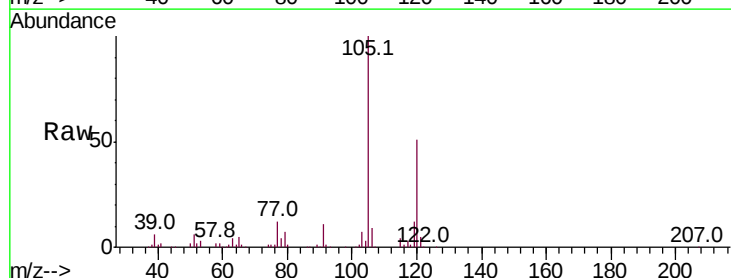
Acq: 25 Nov 2020 11:28

Tgt Ion:105 Resp: 134236

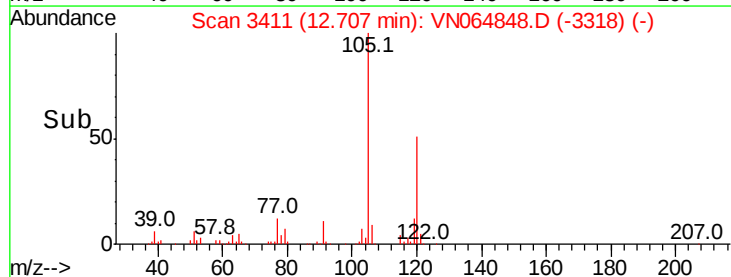
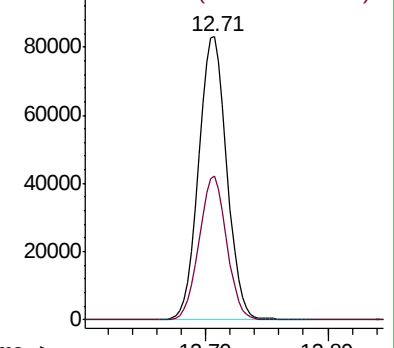
Ion Ratio Lower Upper

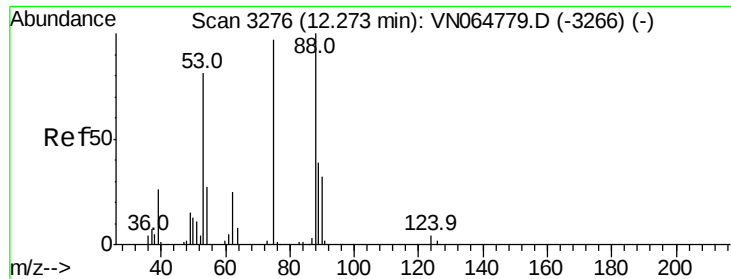
105 100

120 49.7 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

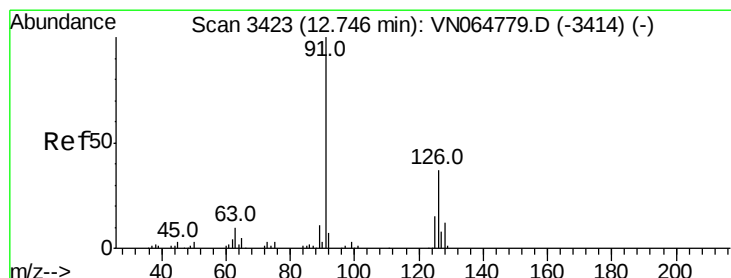
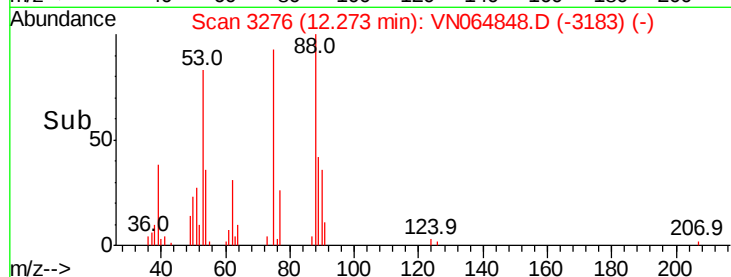
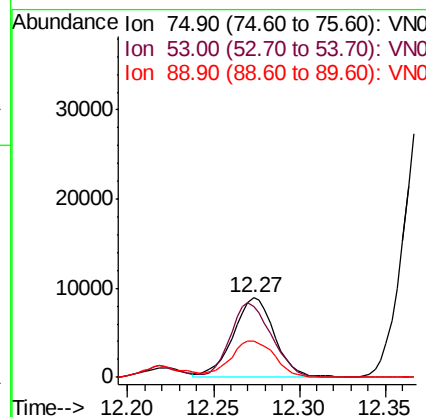
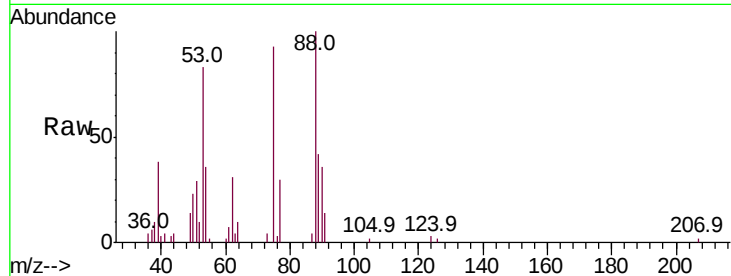




#81
trans-1,4-Dichloro-2-butene
Concen: 15.509 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

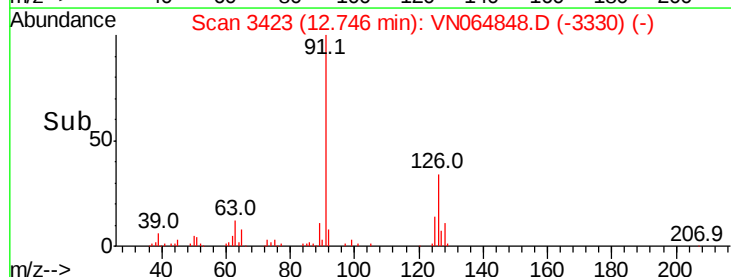
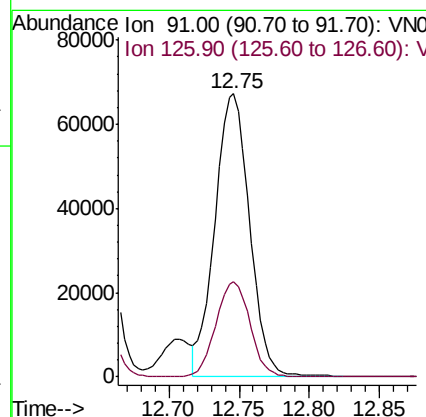
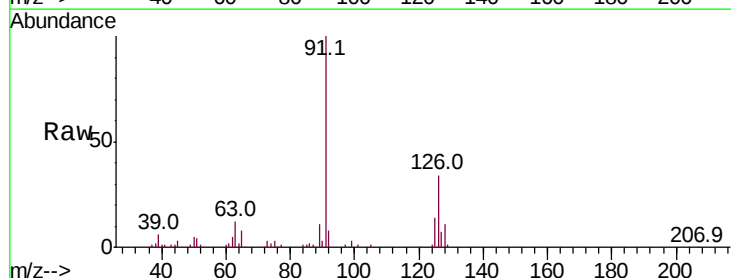
Instrument :
MSVOA_N
ClientSampled :
VN1125WBSD01

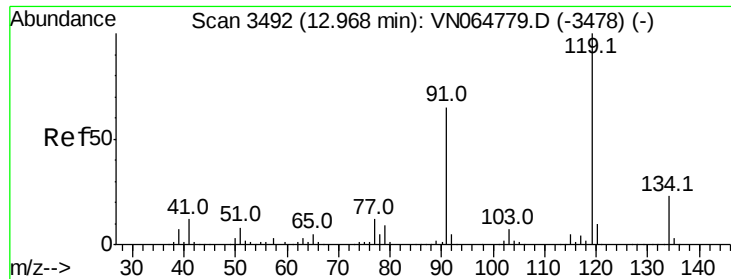
Tot Ion: 75 Resp: 14971
Ion Ratio Lower Upper
75 100
53 93.7 67.0 100.4
89 48.5 39.6 59.4



#82
4-Chlorotoluene
Concen: 18.092 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 91 Resp: 114108
Ion Ratio Lower Upper
91 100
126 33.2 16.9 50.7

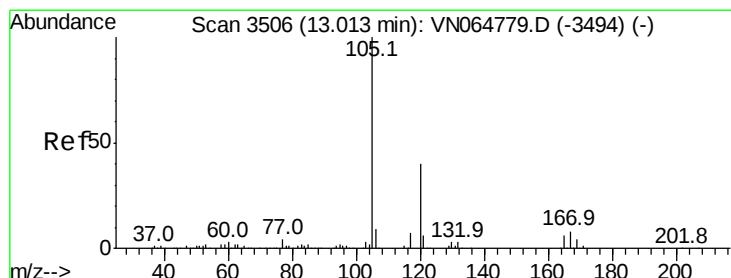
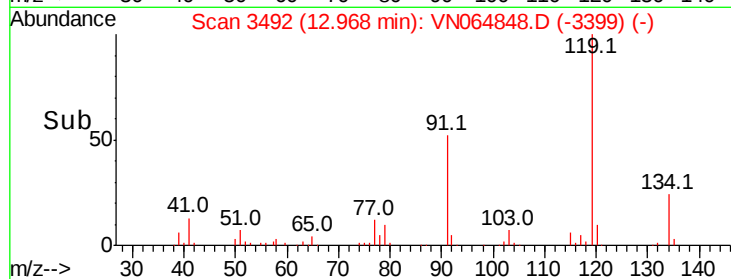
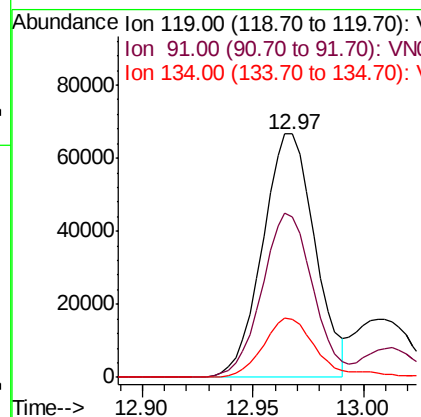
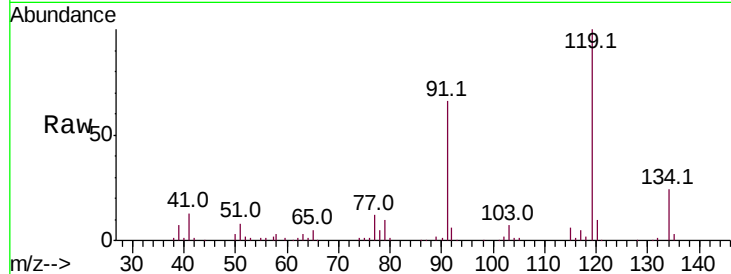




#83
 tert-Butylbenzene
 Concen: 18.339 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

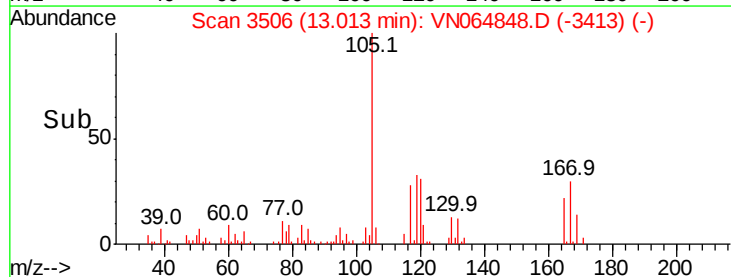
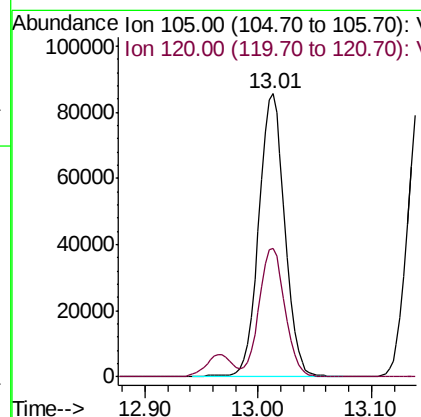
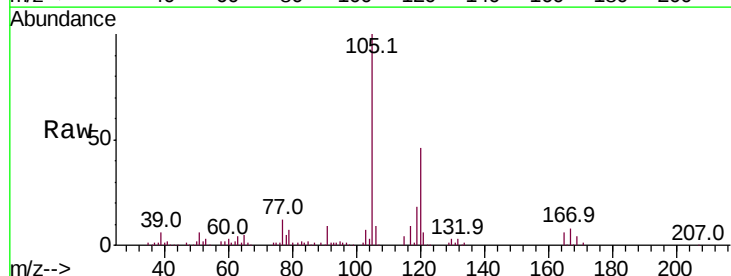
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

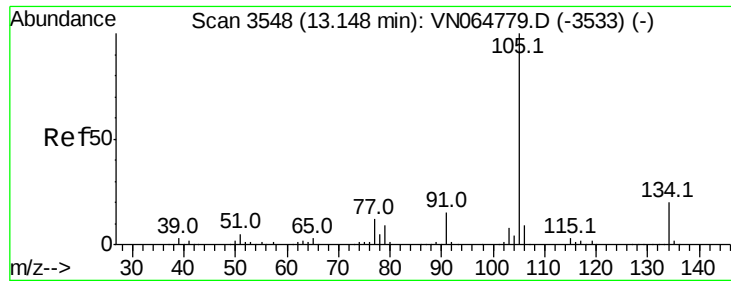
Tot Ion:	119	Resp:	109178
Ion Ratio	Lower	Upper	
119	100		
91	65.7	32.3	96.8
134	25.3	12.6	37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.054 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion:	105	Resp:	136832
Ion Ratio	Lower	Upper	
105	100		
120	45.2	23.1	69.2

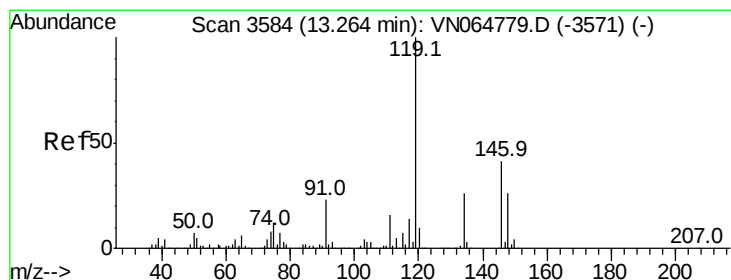
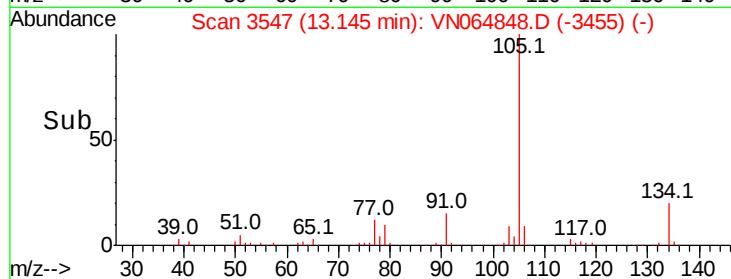
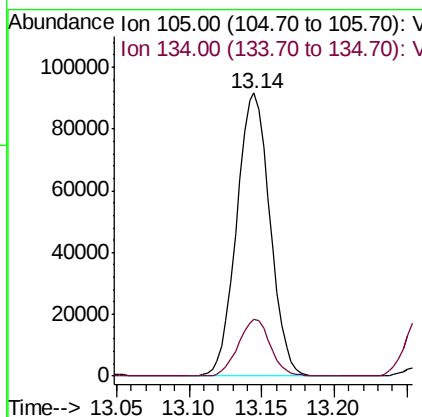
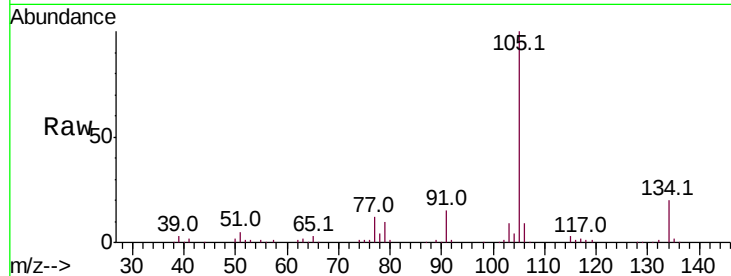




#85
 sec-Butylbenzene
 Concen: 18.512 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

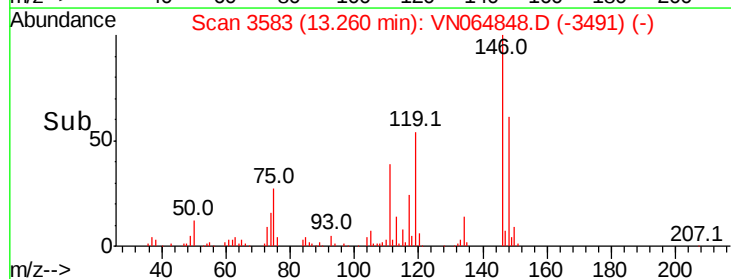
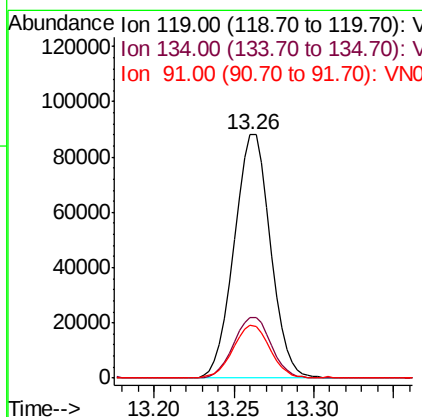
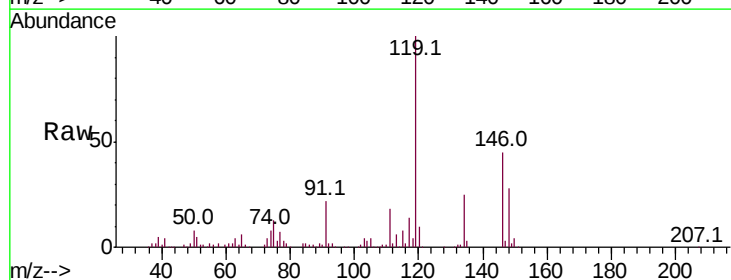
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

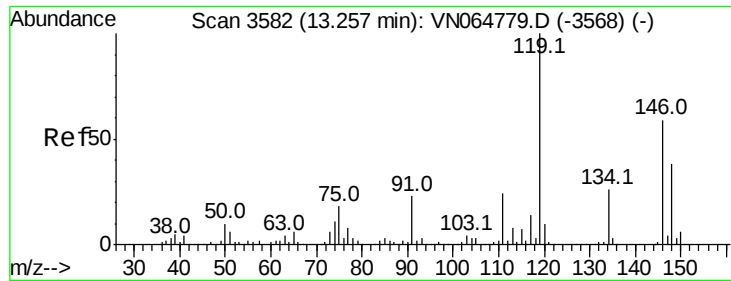
Tot Ion:105 Resp: 146325
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.894 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion:119 Resp: 135968
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 22.2 11.5 34.5

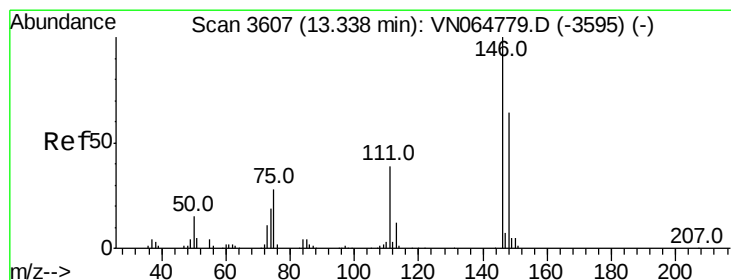
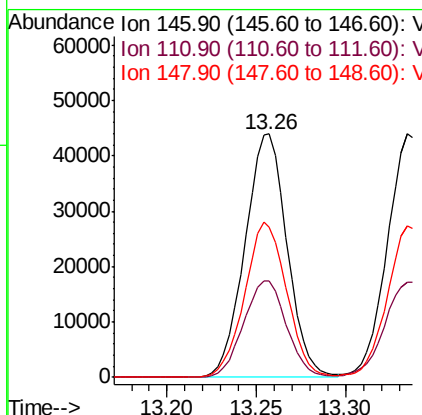
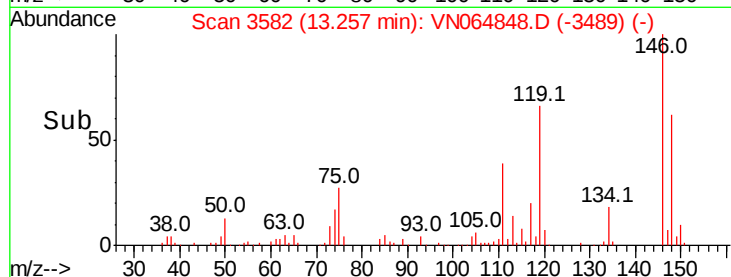
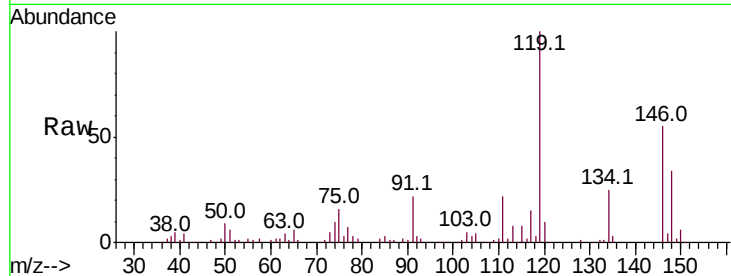




#87
 1,3-Dichlorobenzene
 Concen: 17.747 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

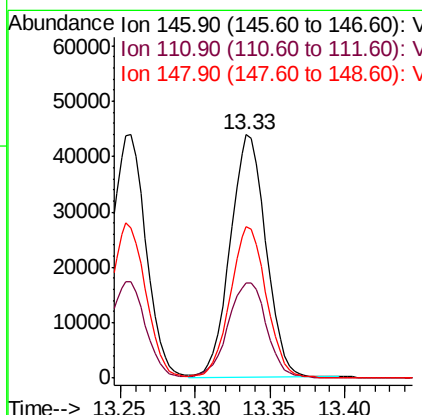
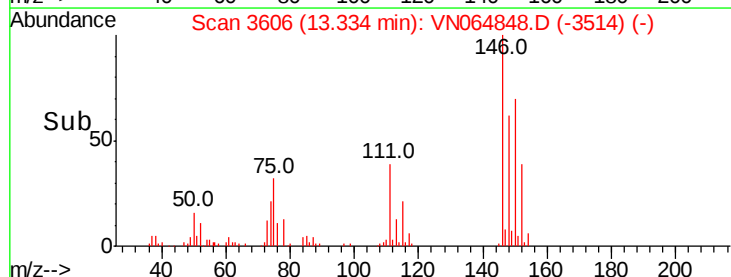
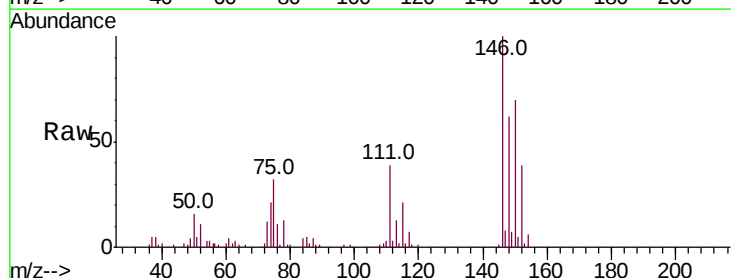
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

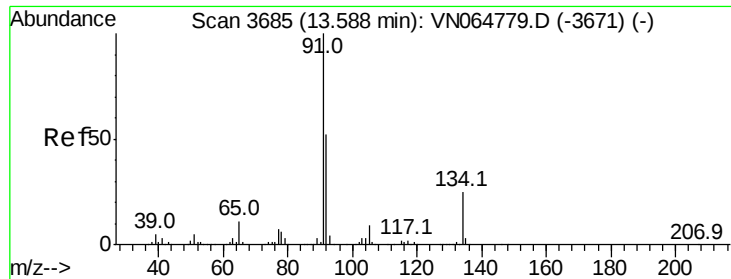
Tot Ion:146 Resp: 72635
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.6 61.9
 148 63.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 16.794 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion:146 Resp: 72692
 Ion Ratio Lower Upper
 146 100
 111 42.8 19.8 59.3
 148 63.4 31.9 95.5

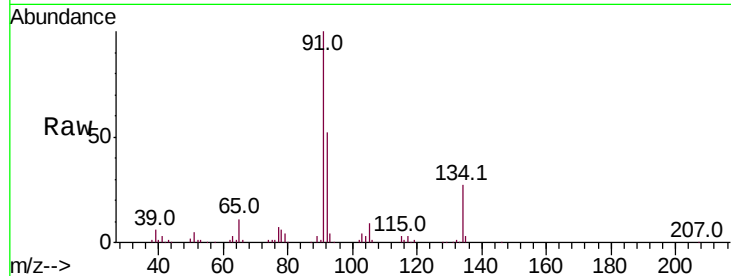




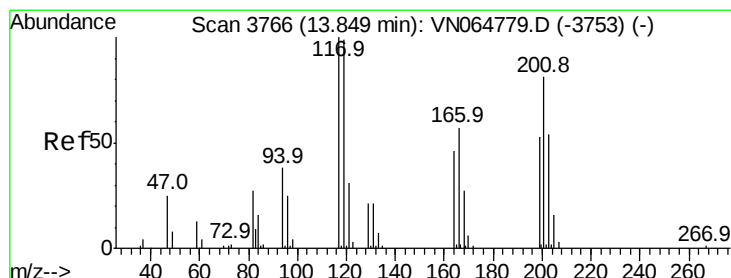
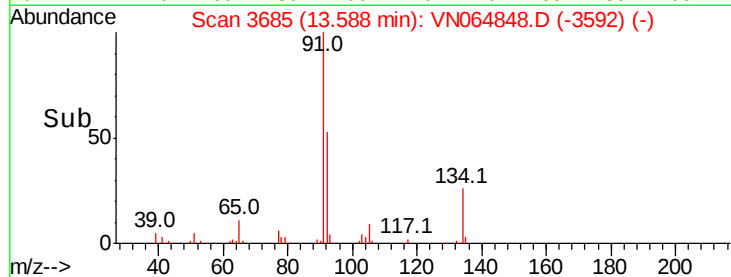
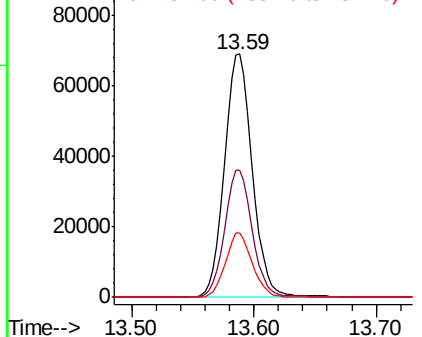
#89
n-Butylbenzene
Concen: 17.533 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD01

Tot Ion: 91 Resp: 110806
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 25.4 12.9 38.6

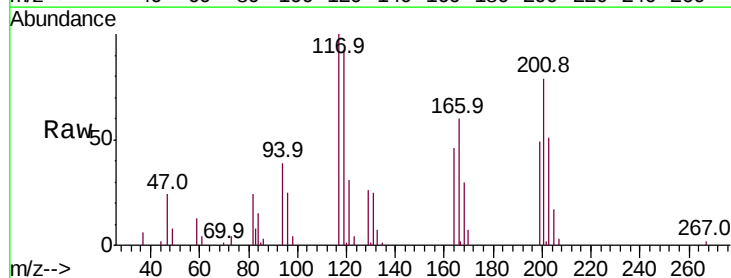


Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3671) (-)
Ion 92.00 (91.70 to 92.70): VN064779.D (-3671) (-)
Ion 134.00 (133.70 to 134.70): VN064779.D (-3671) (-)

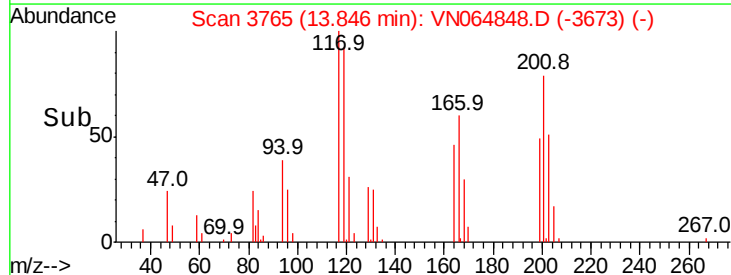
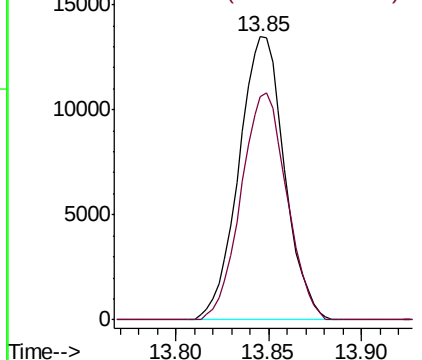


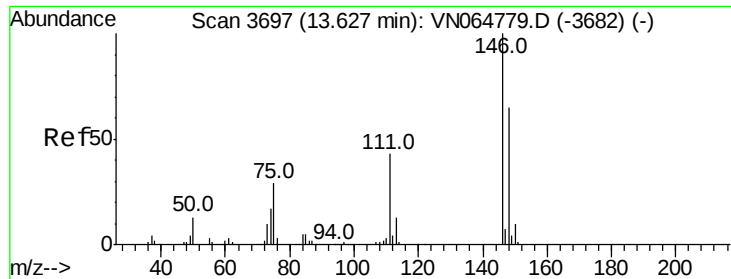
#90
Hexachloroethane
Concen: 18.412 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064848.D
Acq: 25 Nov 2020 11:28

Tgt Ion: 117 Resp: 23018
Ion Ratio Lower Upper
117 100
201 80.0 40.1 120.3



Abundance Ion 116.80 (116.50 to 117.50): VN064779.D (-3753) (-)
Ion 200.70 (200.40 to 201.40): VN064779.D (-3753) (-)





#91

1,2-Dichlorobenzene

Concen: 17.678 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

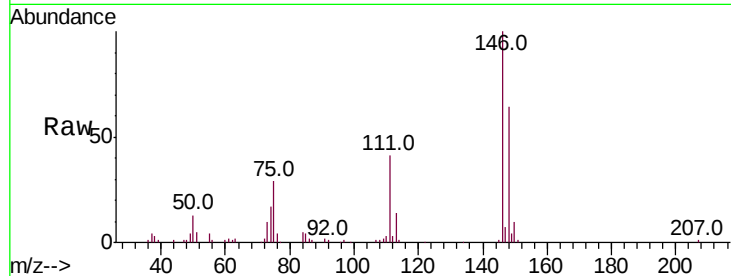
Tot Ion:146 Resp: 71044

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.1

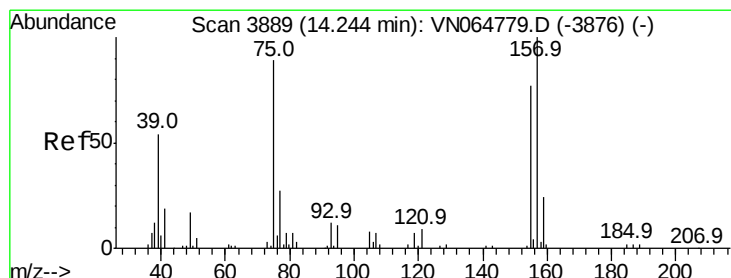
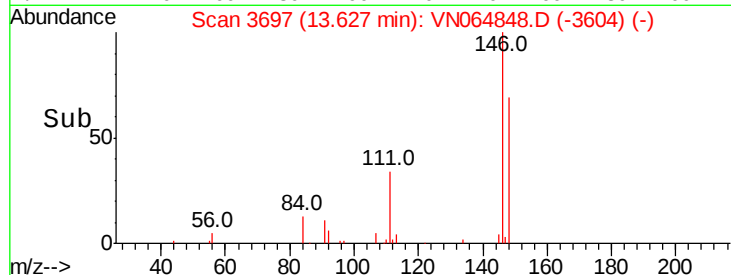
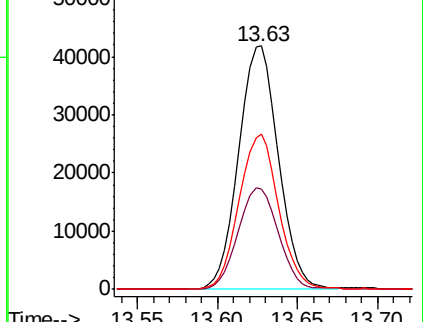
148 63.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.837 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

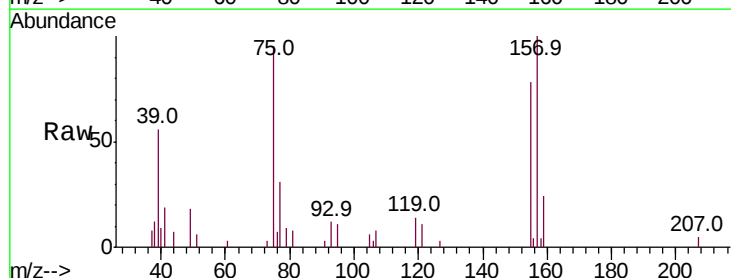
Tgt Ion: 75 Resp: 8925

Ion Ratio Lower Upper

75 100

155 88.5 42.8 128.3

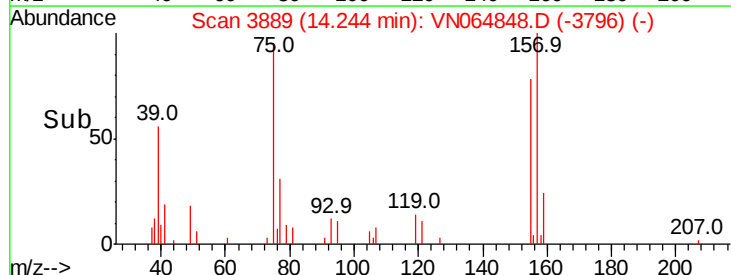
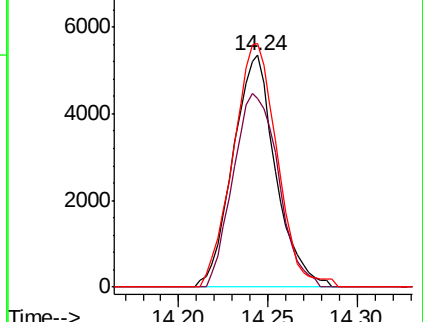
157 108.2 56.4 169.1

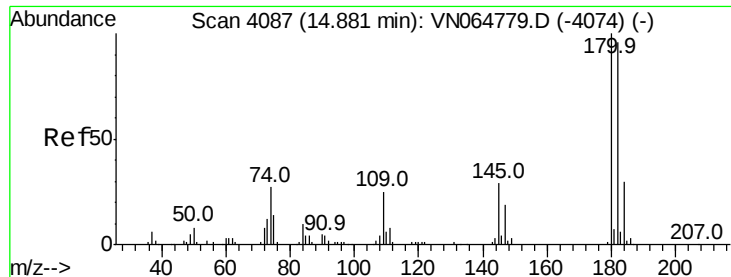


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

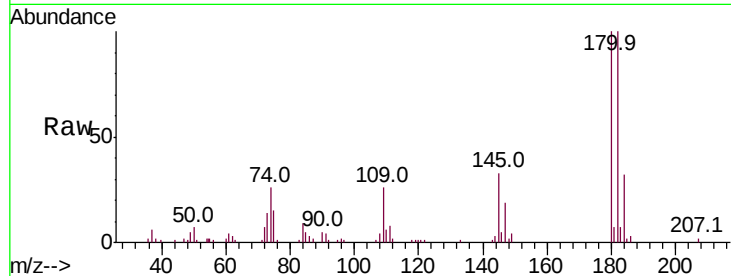




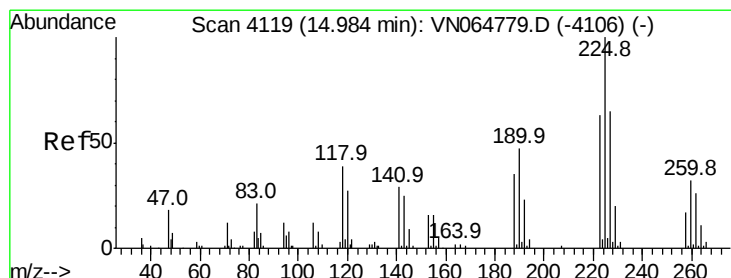
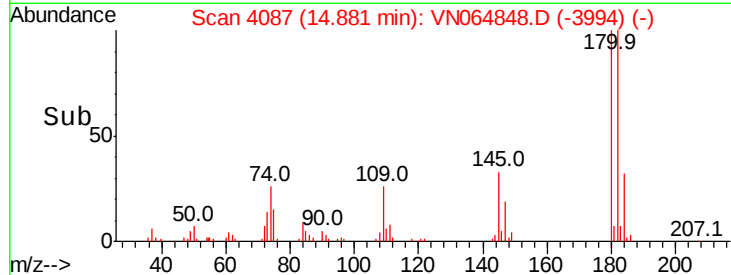
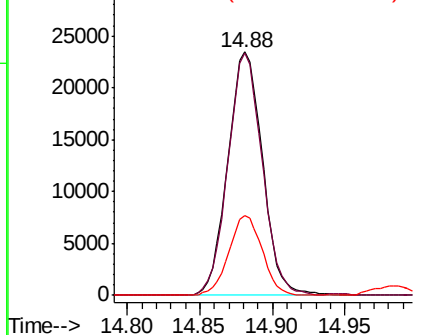
#93
 1,2,4-Trichlorobenzene
 Concen: 15.726 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Tot Ion:180 Resp: 39095
 Ion Ratio Lower Upper
 180 100
 182 97.7 47.6 142.9
 145 31.3 15.3 45.8

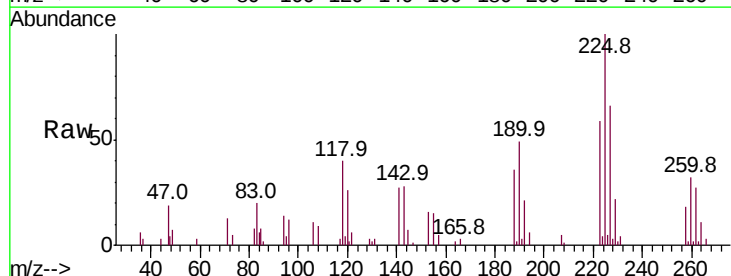


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

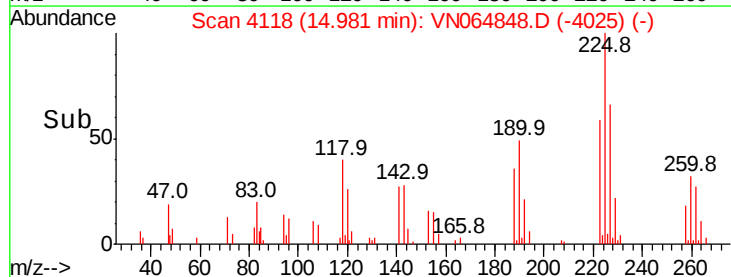
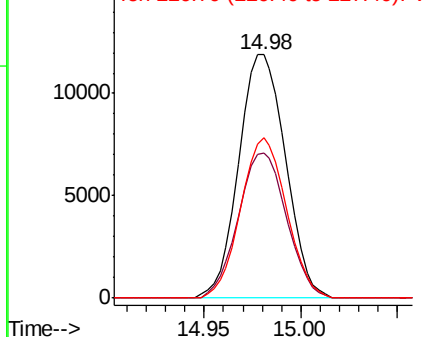


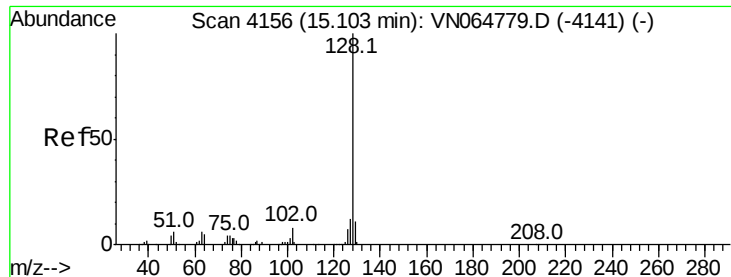
#94
 Hexachlorobutadiene
 Concen: 18.154 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064848.D
 Acq: 25 Nov 2020 11:28

Tgt Ion:225 Resp: 20056
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.0 93.0
 227 64.3 32.0 96.0



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





#95

Naphthalene

Concen: 15.304 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD01

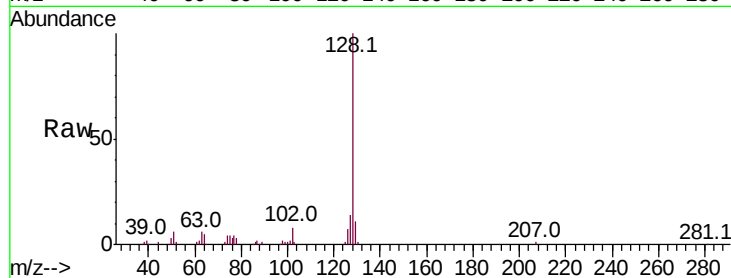
Tot Ion:128 Resp: 113982

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

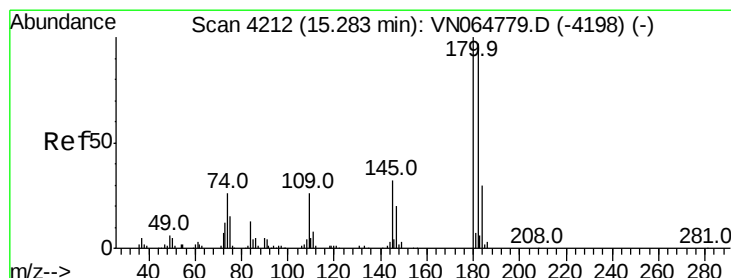
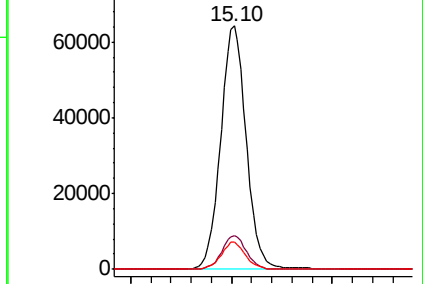
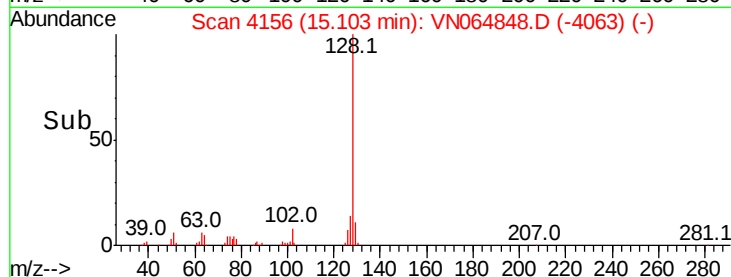
129 10.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.662 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064848.D

Acq: 25 Nov 2020 11:28

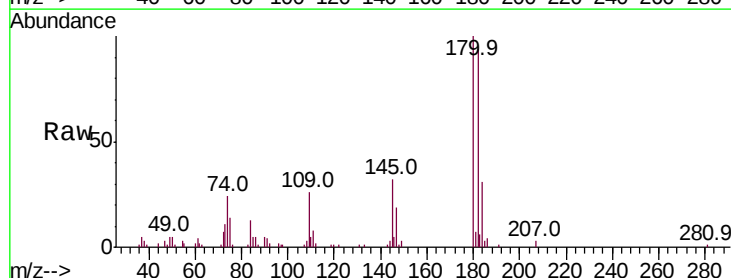
Tgt Ion:180 Resp: 39540

Ion Ratio Lower Upper

180 100

182 94.1 48.1 144.4

145 31.0 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

