

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120820\
 Data File : VN064962.D
 Acq On : 8 Dec 2020 12:13
 Operator : JC/MD
 Sample : VN1208WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Quant Time: Dec 08 16:16:21 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	196018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	300959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	276156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	109152	47.90	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.80%
35) Dibromofluoromethane	7.55	113	96484	53.58	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.16%
50) Toluene-d8	10.06	98	362646	49.29	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.58%
62) 4-Bromofluorobenzene	12.37	95	128053	48.63	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.26%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	25528	15.027	ug/l	99
3) Chloromethane	2.04	50	32578	14.757	ug/l	99
4) Vinyl Chloride	2.17	62	35821	15.563	ug/l	97
5) Bromomethane	2.54	94	24836	16.447	ug/l	98
6) Chloroethane	2.68	64	23610	16.585	ug/l	99
7) Trichlorofluoromethane	2.99	101	54095	17.003	ug/l	96
8) Diethyl Ether	3.37	74	22042	17.551	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33898	17.761	ug/l	100
10) Methyl Iodide	3.91	142	36791	14.861	ug/l	97
11) Tert butyl alcohol	4.74	59	27458	77.261	ug/l	99
12) 1,1-Dichloroethene	3.70	96	30903	16.258	ug/l	97
13) Acrolein	3.57	56	18894	87.038	ug/l	96
14) Allyl chloride	4.28	41	51984	16.581	ug/l	99
15) Acrylonitrile	4.93	53	84919	86.495	ug/l	97
16) Acetone	3.78	43	72935	97.361	ug/l	99
17) Carbon Disulfide	4.01	76	73882	15.058	ug/l	99
18) Methyl Acetate	4.28	43	40180	17.840	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	109910	18.029	ug/l	99
20) Methylene Chloride	4.50	84	41226	17.562	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	35154	16.654	ug/l	96
22) Diisopropyl ether	5.90	45	116826	18.618	ug/l	99
23) Vinyl Acetate	5.84	43	442342	88.151	ug/l	98
24) 1,1-Dichloroethane	5.79	63	65527	17.473	ug/l	98
25) 2-Butanone	6.78	43	105735	87.071	ug/l	96
26) 2,2-Dichloropropane	6.78	77	55904	17.188	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	42044	17.701	ug/l	100
28) Bromochloromethane	7.15	49	30407	17.724	ug/l	95
29) Tetrahydrofuran	7.17	42	67880	80.977	ug/l	99
30) Chloroform	7.33	83	69417	17.950	ug/l	98
31) Cyclohexane	7.61	56	51321	16.158	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	57755	17.388	ug/l	99
36) 1,1-Dichloropropene	7.75	75	48808	17.496	ug/l	100
37) Ethyl Acetate	6.88	43	45235	16.834	ug/l	99
38) Carbon Tetrachloride	7.73	117	51424	17.717	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	45940	15.298	ug/l	97
40) Benzene	8.00	78	153313	17.935	ug/l	97
41) Methacrylonitrile	7.13	41	22689	18.299	ug/l	90
42) 1,2-Dichloroethane	8.08	62	53060	18.400	ug/l	100
43) Isopropyl Acetate	8.13	43	74036	17.122	ug/l	99
44) Trichloroethene	8.80	130	42416	16.817	ug/l	98
45) 1,2-Dichloropropane	9.08	63	40850	18.453	ug/l	97
46) Dibromomethane	9.17	93	26728	18.073	ug/l	97
47) Bromodichloromethane	9.37	83	53362	17.932	ug/l	98
48) Methyl methacrylate	9.16	41	35361	17.115	ug/l	99
49) 1,4-Dioxane	9.16	88	12178	311.856	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	219215	84.448	ug/l	100
52) Toluene	10.12	92	95466	18.134	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	58284	17.585	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	64347	18.113	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	40182	18.562	ug/l	97
56) Ethyl methacrylate	10.40	69	52578	17.601	ug/l	97
57) 1,3-Dichloropropane	10.68	76	65743	18.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	142006	86.419	ug/l	100
59) 2-Hexanone	10.72	43	159294	85.266	ug/l	100
60) Dibromochloromethane	10.87	129	44163	18.353	ug/l	99
61) 1,2-Dibromoethane	10.97	107	39314	17.875	ug/l	97
64) Tetrachloroethene	10.60	164	43861	16.325	ug/l	99
65) Chlorobenzene	11.40	112	107034	18.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	39946	18.329	ug/l	98
67) Ethyl Benzene	11.48	91	174377	17.601	ug/l	99
68) m/p-Xylenes	11.59	106	136793	36.469	ug/l	99
69) o-Xylene	11.92	106	64739	18.188	ug/l	99
70) Styrene	11.94	104	110979	18.469	ug/l	98
71) Bromoform	12.10	173	29952	17.207	ug/l #	99
73) Isopropylbenzene	12.22	105	172001	19.003	ug/l	99
74) N-amyl acetate	12.04	43	59760	16.777	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	51530	19.423	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	69305	24.730	ug/l #	100
77) Bromobenzene	12.50	156	45377	18.595	ug/l	98
78) n-propylbenzene	12.56	91	190491	18.474	ug/l	99
79) 2-Chlorotoluene	12.65	91	116941	18.347	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	143704	19.101	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	16785	16.415	ug/l	98
82) 4-Chlorotoluene	12.75	91	122929	18.400	ug/l	98
83) tert-Butylbenzene	12.97	119	117750	18.672	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	146500	19.259	ug/l	98
85) sec-Butylbenzene	13.14	105	148991	17.794	ug/l	98
86) p-Isopropyltoluene	13.26	119	138668	18.191	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	79718	18.387	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	81094	17.687	ug/l	99
89) n-Butylbenzene	13.59	91	112989	16.878	ug/l	99
90) Hexachloroethane	13.85	117	23929	18.070	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	77846	18.287	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9026	15.120	ug/l	95

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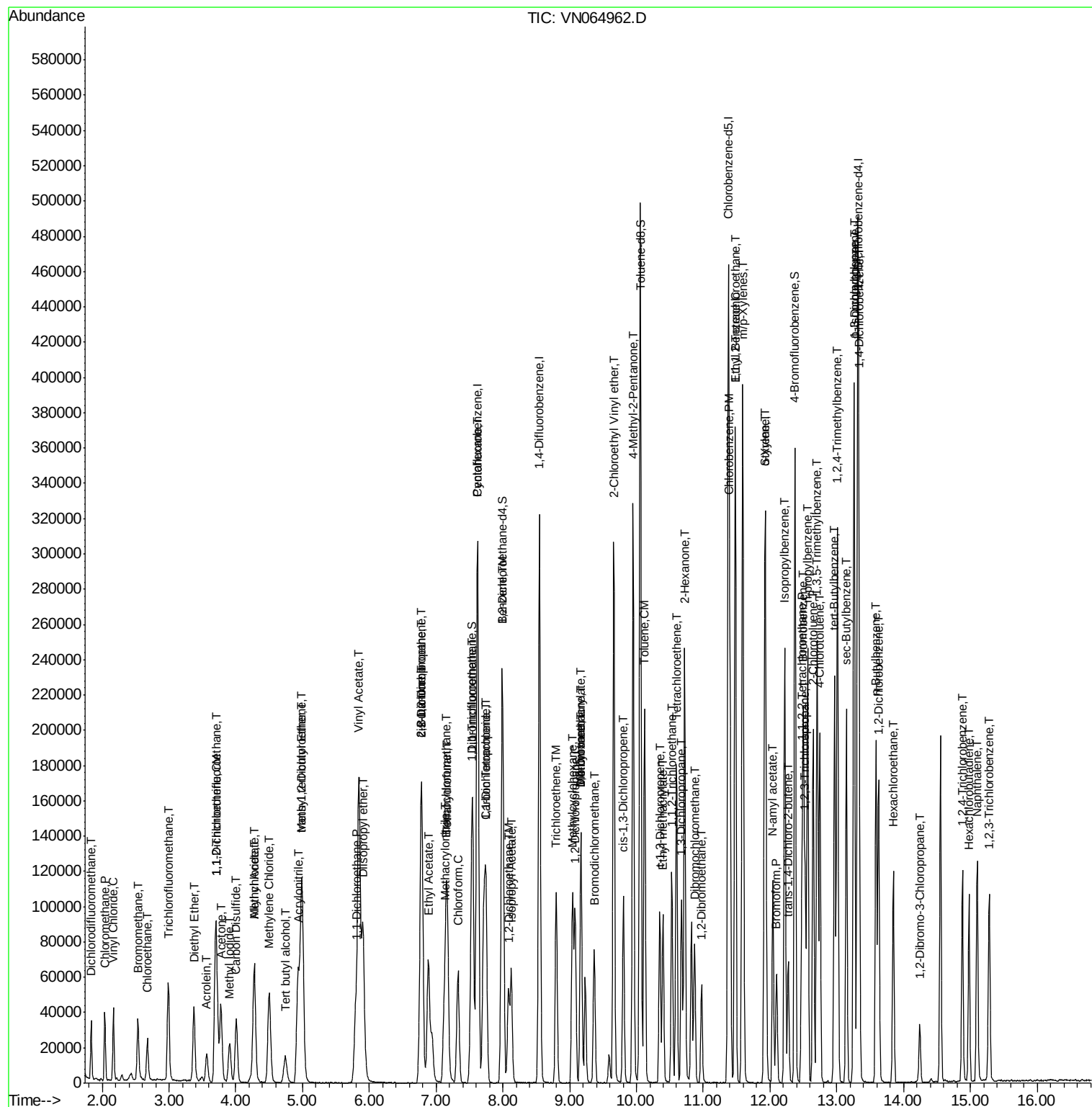
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	40200	15.265	ug/l	96
94) Hexachlorobutadiene	14.98	225	21455	18.330	ug/l	99
95) Naphthalene	15.10	128	115310	14.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	38906	16.506	ug/l	99

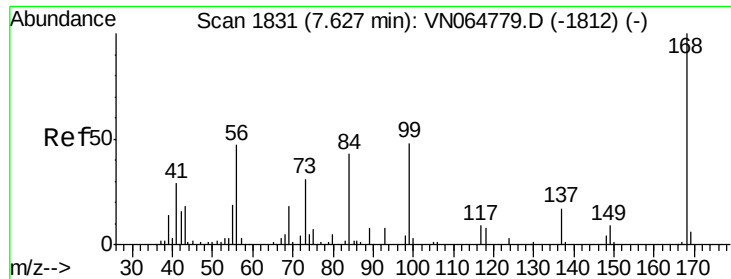
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

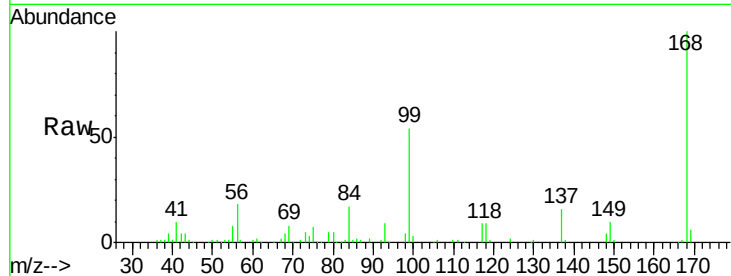
VN1208WBSD01

Tgt Ion:168 Resp: 196018

Ion Ratio Lower Upper

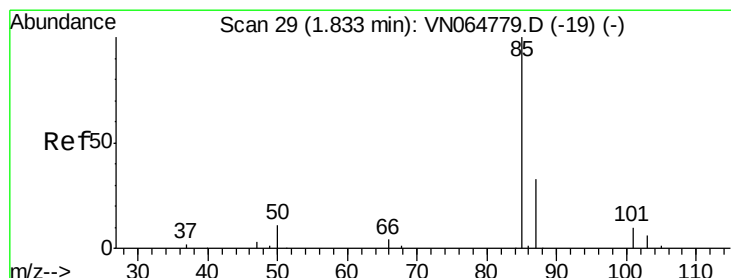
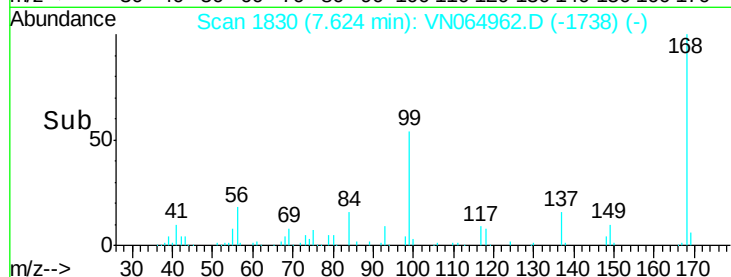
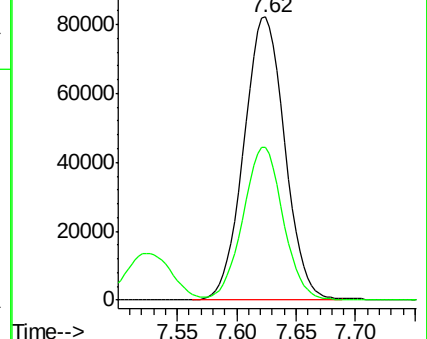
168 100

99 53.5 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: 15.027 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064962.D

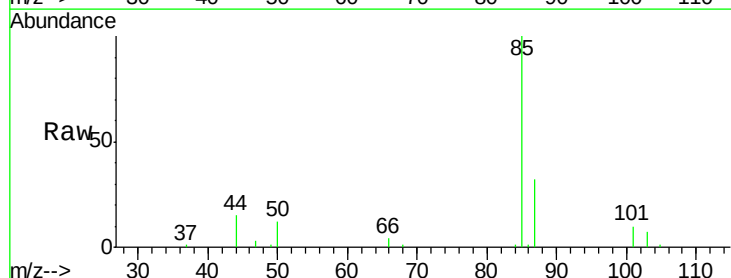
Acq: 8 Dec 2020 12:13

Tgt Ion: 85 Resp: 25528

Ion Ratio Lower Upper

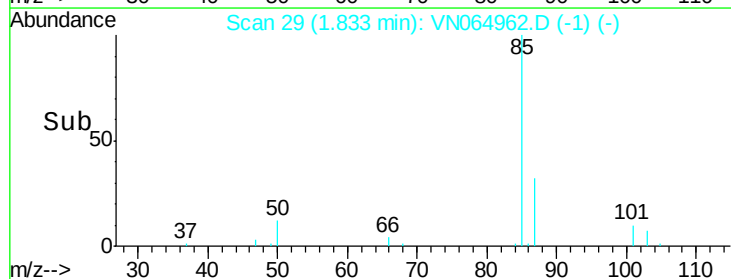
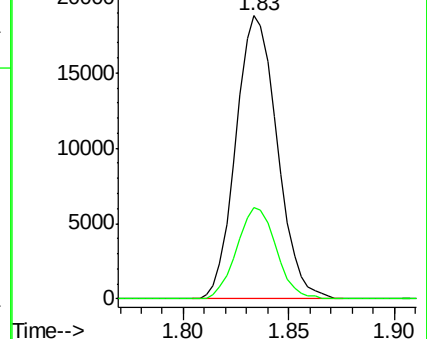
85 100

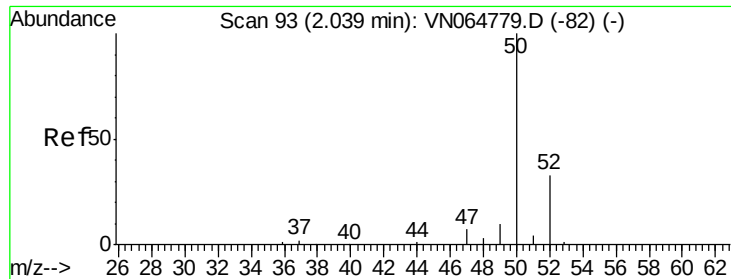
87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 14.757 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampled :

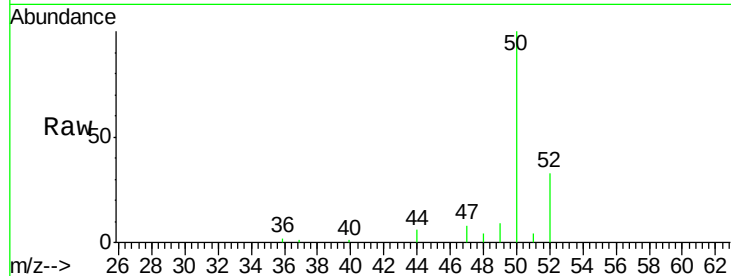
VN1208WBSD01

Tgt Ion: 50 Resp: 32578

Ion Ratio Lower Upper

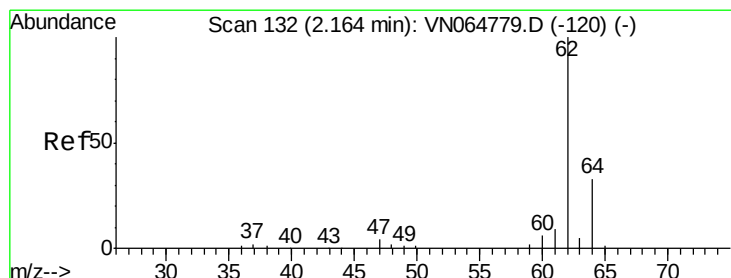
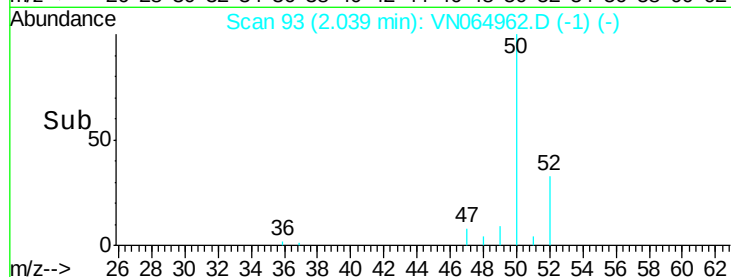
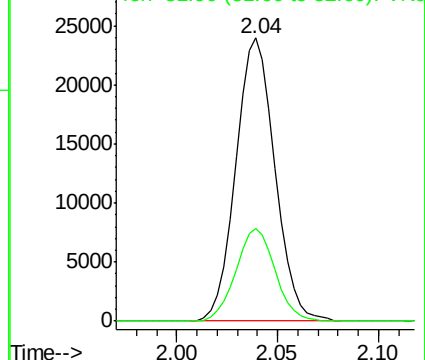
50 100

52 32.8 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 15.563 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064962.D

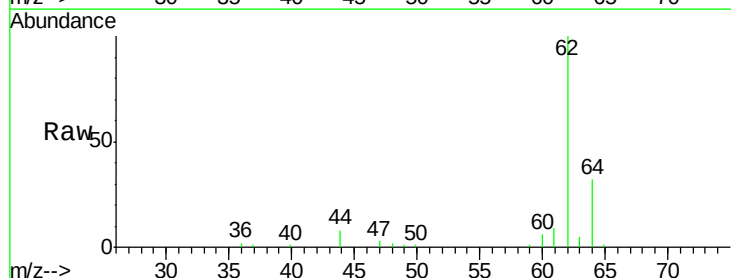
Acq: 8 Dec 2020 12:13

Tgt Ion: 62 Resp: 35821

Ion Ratio Lower Upper

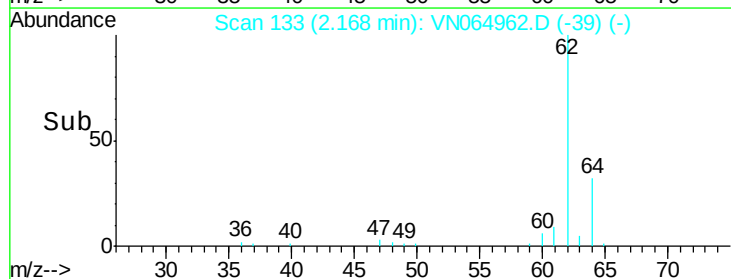
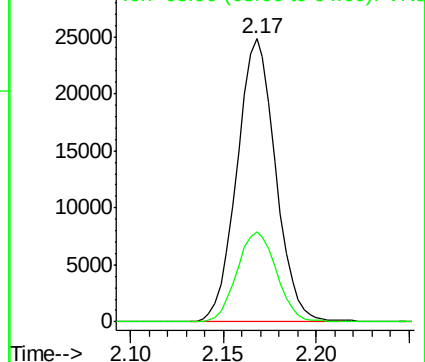
62 100

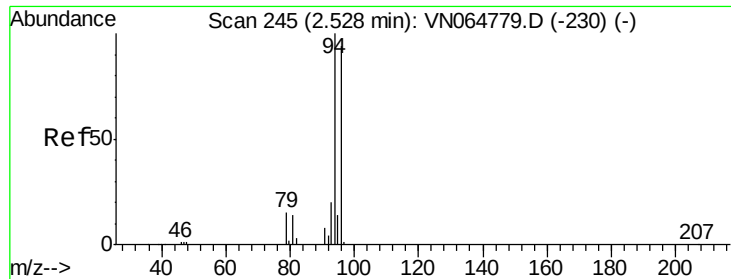
64 31.7 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 16.447 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

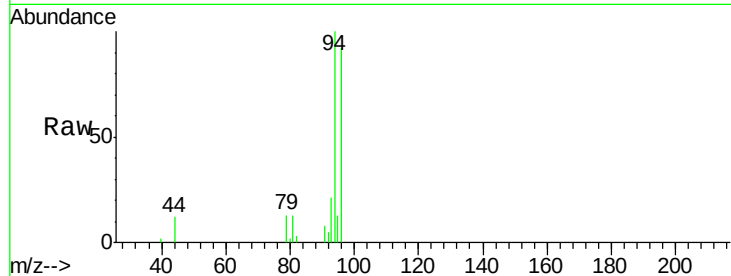
VN1208WBSD01

Tgt Ion: 94 Resp: 24836

Ion Ratio Lower Upper

94 100

96 91.8 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN064962.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN064962.D (-152) (-)

2.54

15000

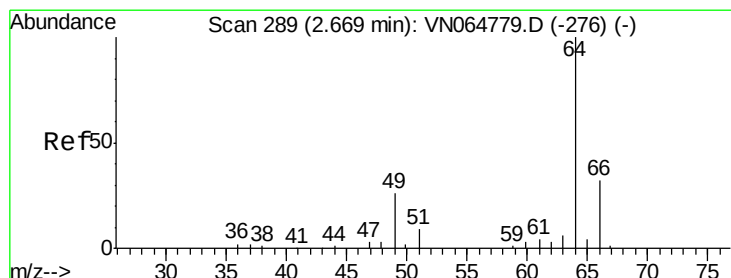
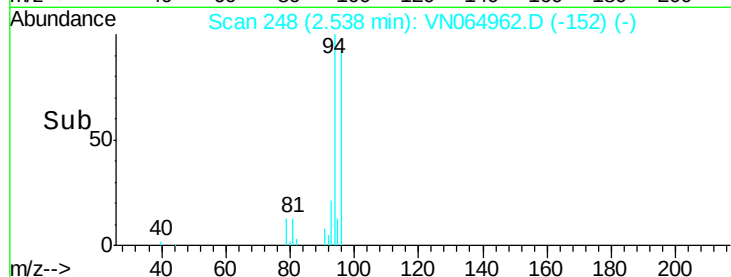
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 16.585 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064962.D

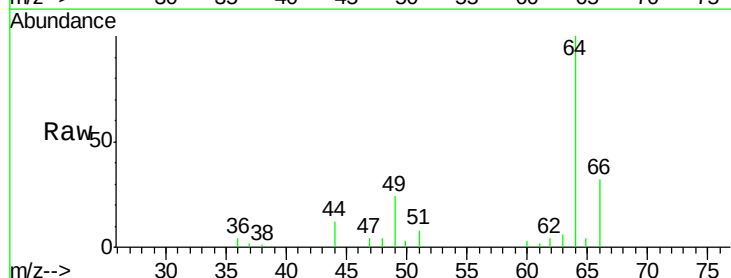
Acq: 8 Dec 2020 12:13

Tgt Ion: 64 Resp: 23610

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN064962.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN064962.D (-196) (-)

2.68

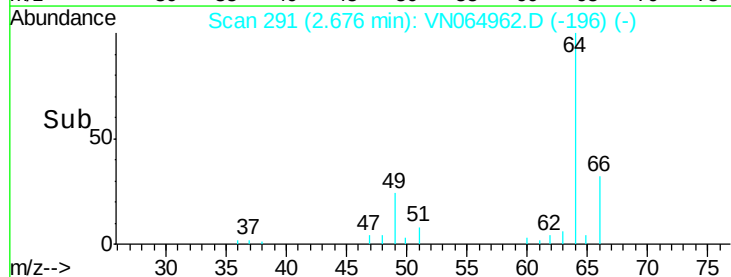
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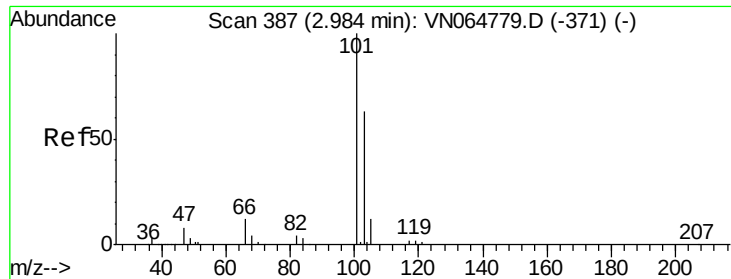
5000

0

Time-->

2.60 2.65 2.70 2.75



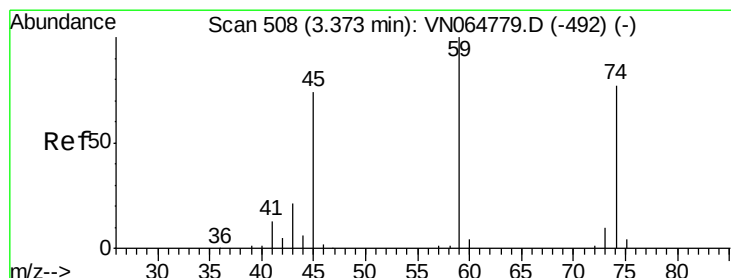
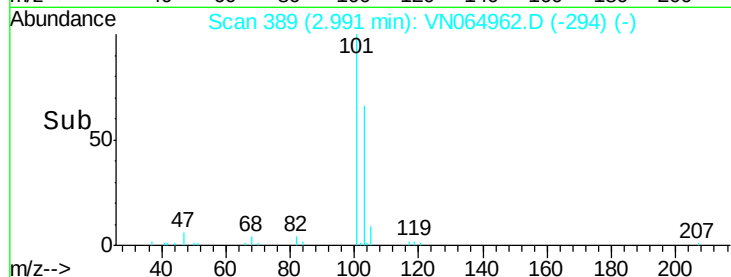
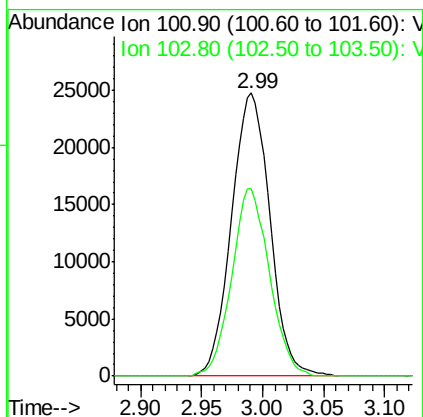
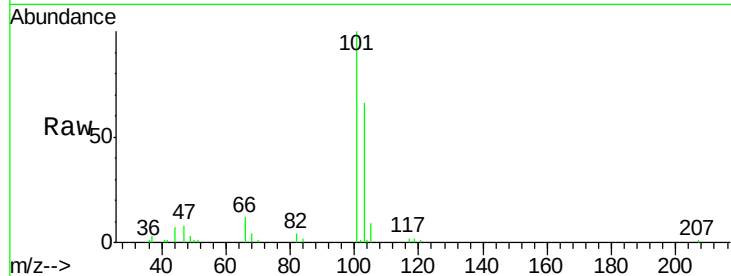


#7

Trichlorofluoromethane
 Concen: 17.003 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Instrument :
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 VN1208WBSD01

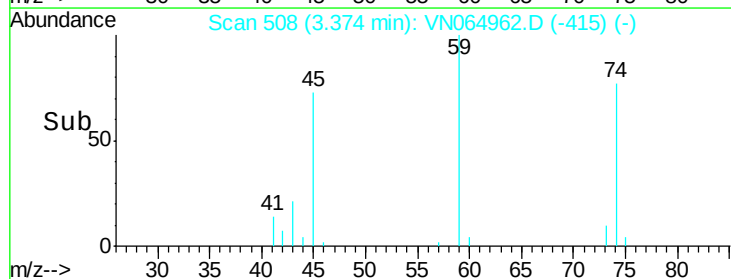
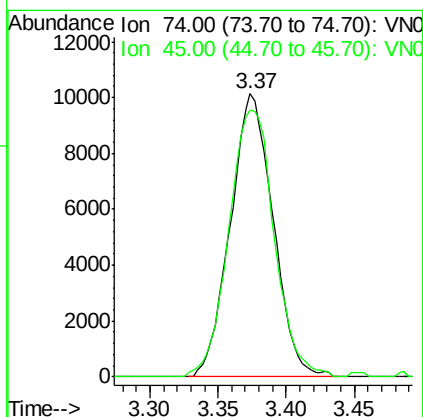
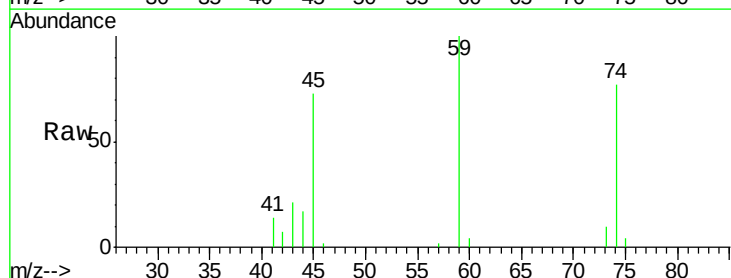
Tgt Ion:101 Resp: 54095
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.5 75.7

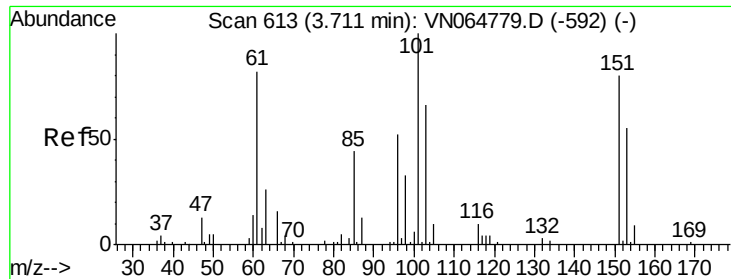


#8

Diethyl Ether
 Concen: 17.551 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion: 74 Resp: 22042
 Ion Ratio Lower Upper
 74 100
 45 100.5 48.9 146.8

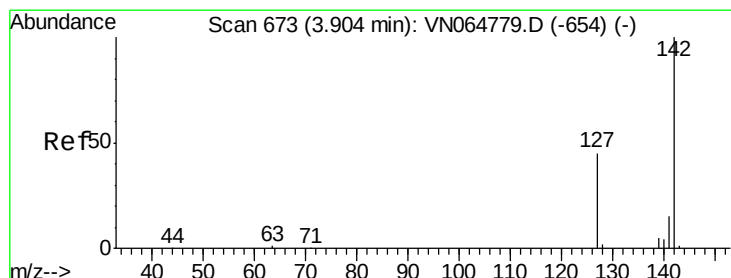
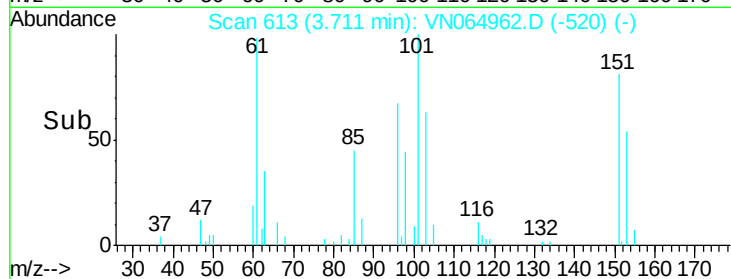
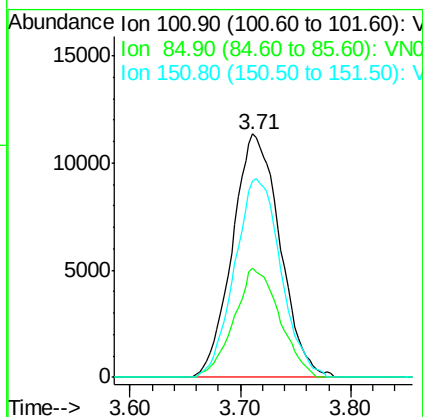
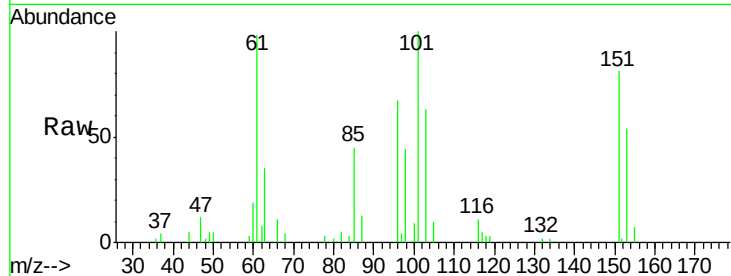




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.761 ug/l
 RT: 3.71 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

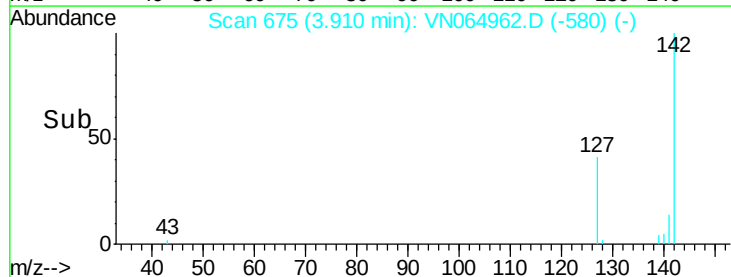
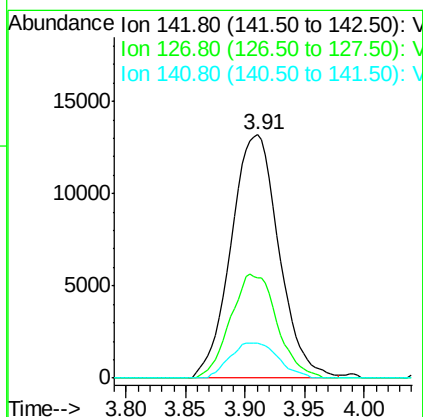
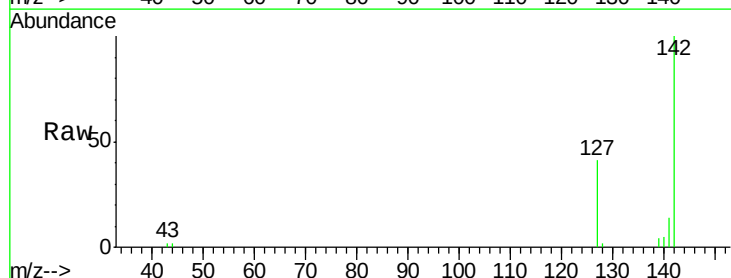
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

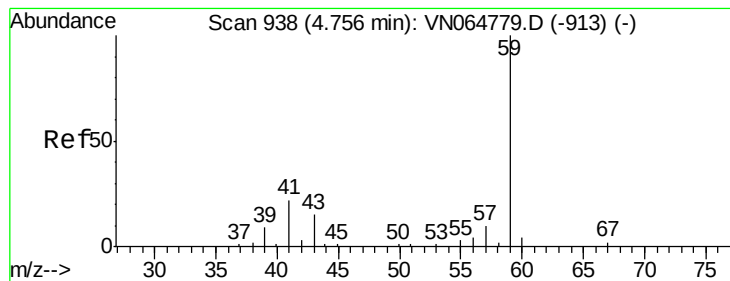
Tgt Ion:101 Resp: 33898
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.4 51.6
 151 79.8 64.0 96.0



#10
 Methyl Iodide
 Concen: 14.861 ug/l
 RT: 3.91 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion:142 Resp: 36791
 Ion Ratio Lower Upper
 142 100
 127 41.6 35.0 52.6
 141 14.6 11.8 17.6





#11

Tert butyl alcohol

Concen: 77.261 ug/l

RT: 4.74 min Scan# 933

Delta R.T. -0.02 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampled :

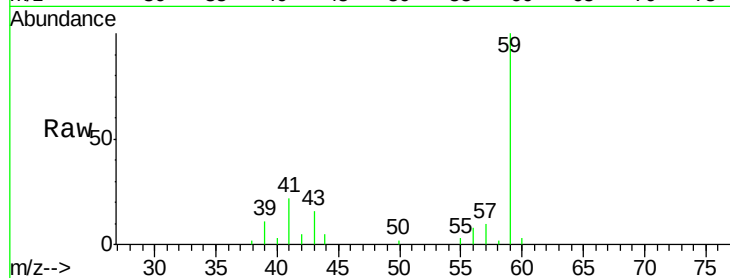
VN1208WBSD01

Tgt Ion: 59 Resp: 27458

Ion Ratio Lower Upper

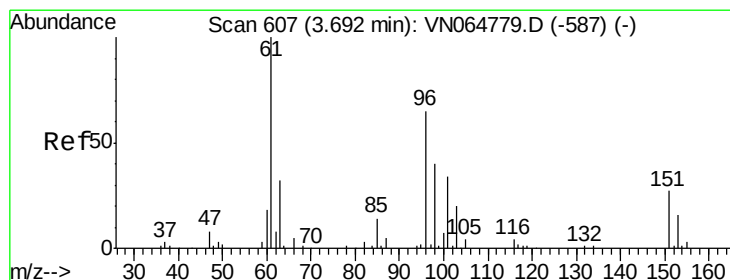
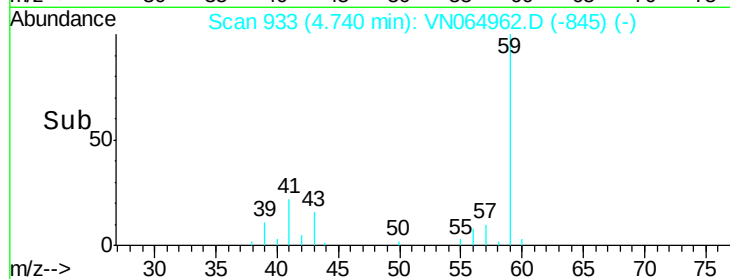
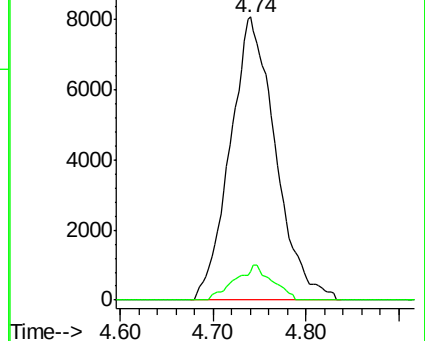
59 100

57 10.3 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 16.258 ug/l

RT: 3.70 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

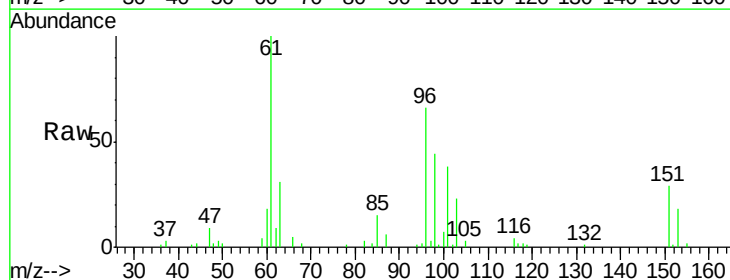
Tgt Ion: 96 Resp: 30903

Ion Ratio Lower Upper

96 100

61 150.7 123.4 185.2

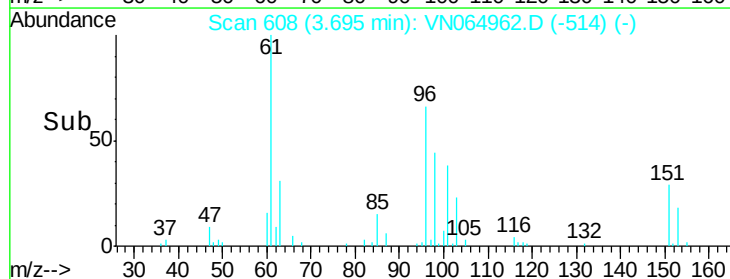
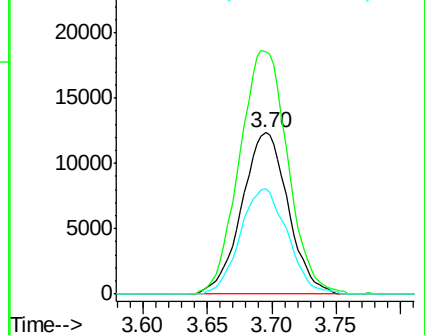
98 65.6 49.8 74.8

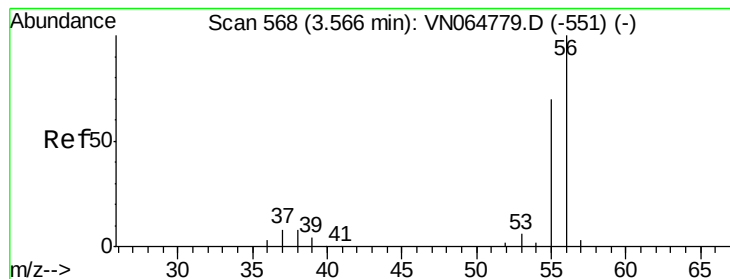


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 87.038 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

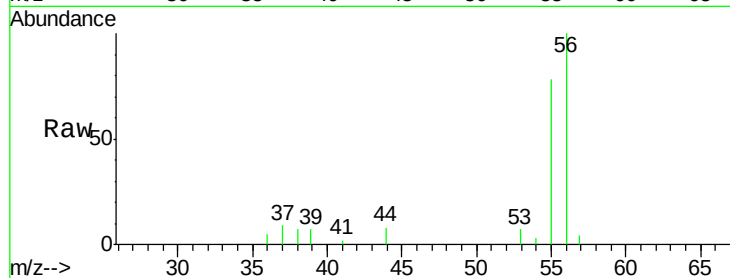
VN1208WBSD01

Tgt Ion: 56 Resp: 18894

Ion Ratio Lower Upper

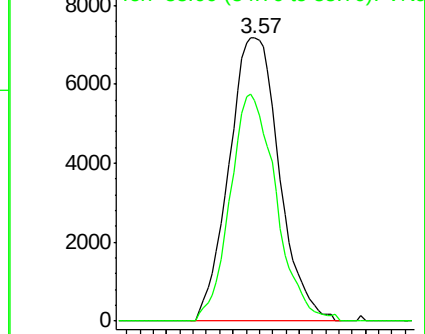
56 100

55 73.6 56.5 84.7

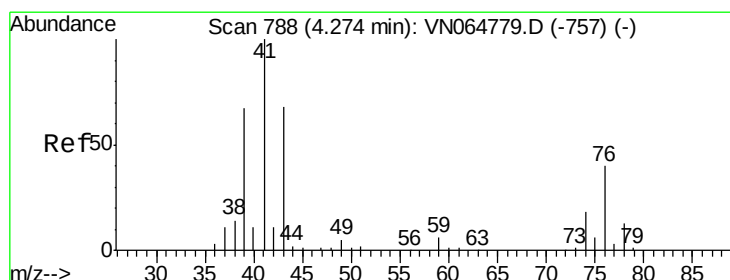
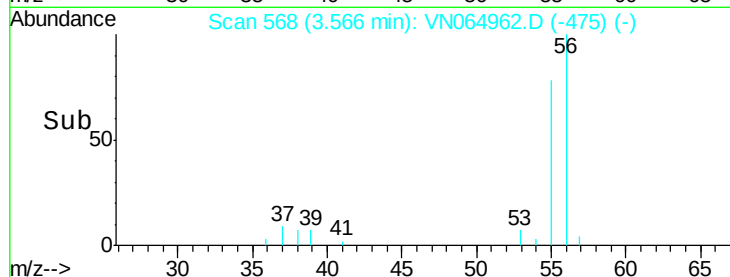


Abundance Ion 56.00 (55.70 to 56.70): VN064962.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN064962.D (-475) (-)



Time-->



#14

Allyl chloride

Concen: 16.581 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

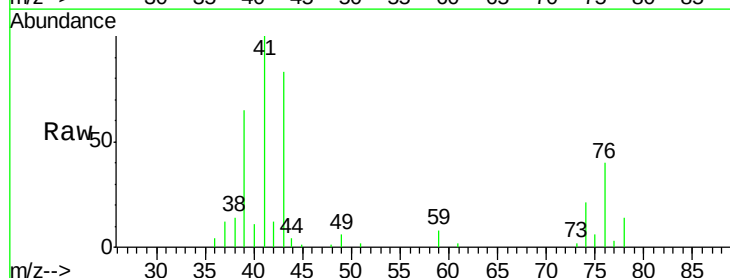
Tgt Ion: 41 Resp: 51984

Ion Ratio Lower Upper

41 100

39 62.6 50.9 76.3

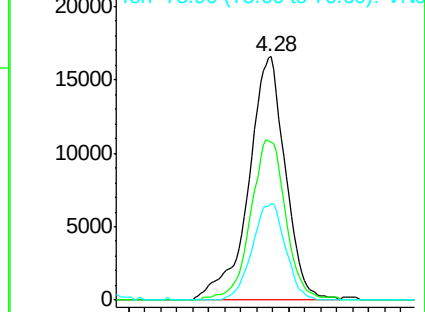
76 35.8 29.0 43.4



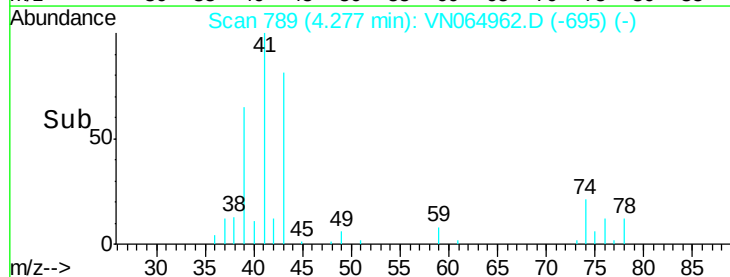
Abundance Ion 41.00 (40.70 to 41.70): VN064962.D (-695) (-)

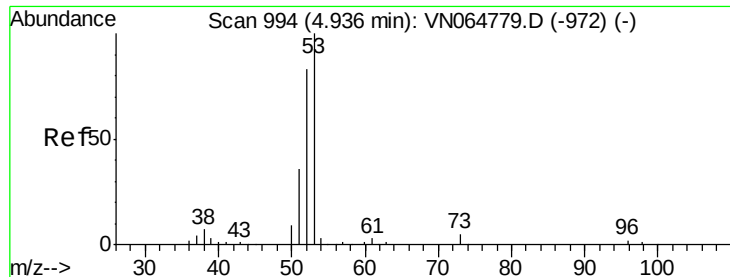
Ion 39.00 (38.70 to 39.70): VN064962.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064962.D (-695) (-)



Time-->





#15

Acrylonitrile

Concen: 86.495 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD01

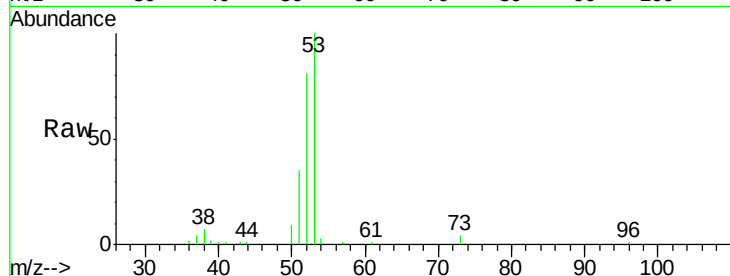
Tgt Ion: 53 Resp: 84919

Ion Ratio Lower Upper

53 100

52 78.8 65.5 98.3

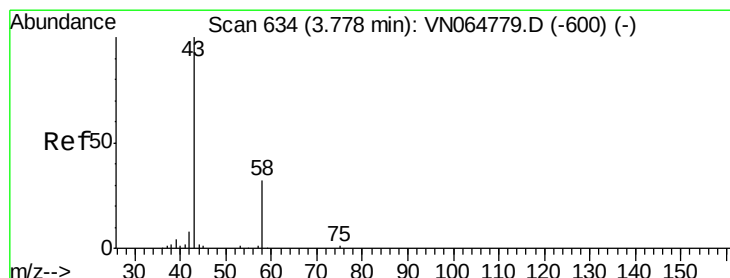
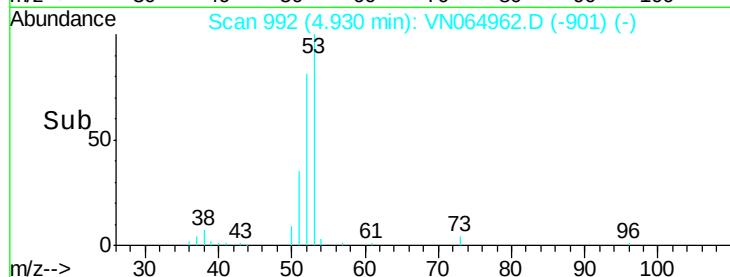
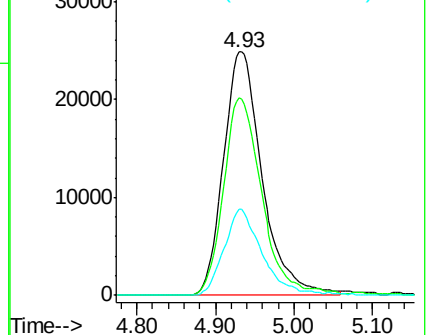
51 34.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 97.361 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064962.D

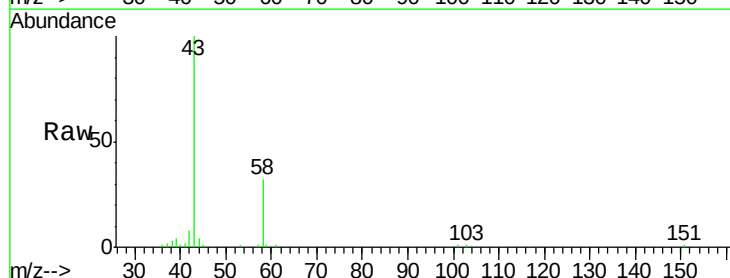
Acq: 8 Dec 2020 12:13

Tgt Ion: 43 Resp: 72935

Ion Ratio Lower Upper

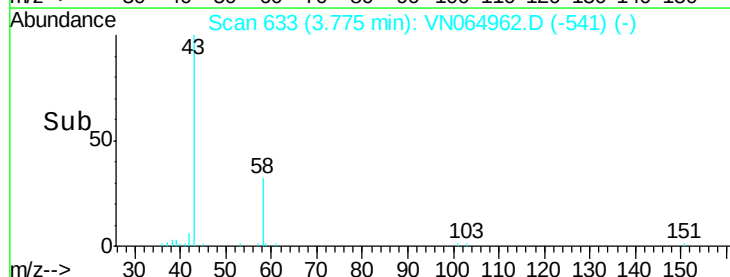
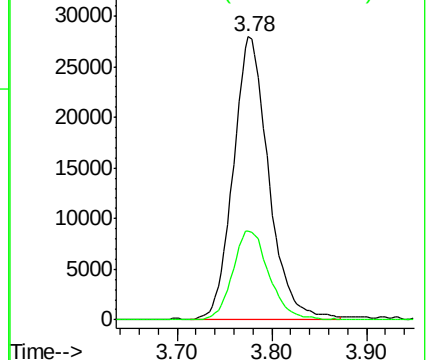
43 100

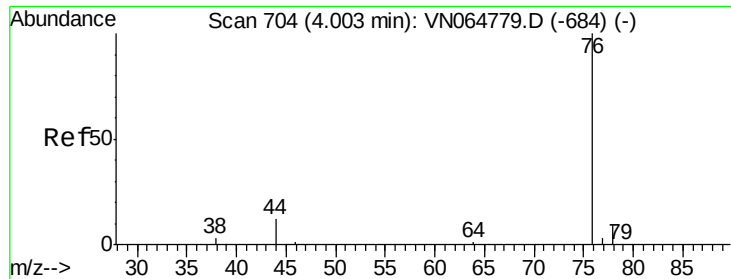
58 31.5 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 15.058 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

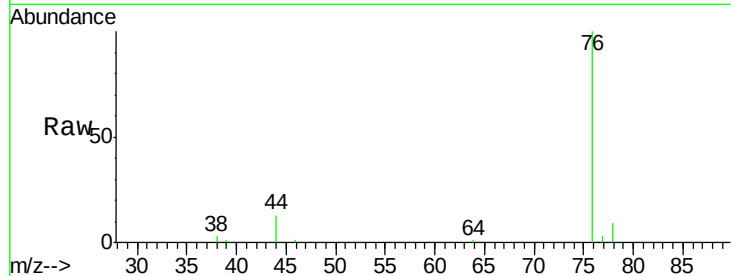
VN1208WBSD01

Tgt Ion: 76 Resp: 73882

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN064779.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN064779.D (-684) (-)

4.01

30000

25000

20000

15000

10000

5000

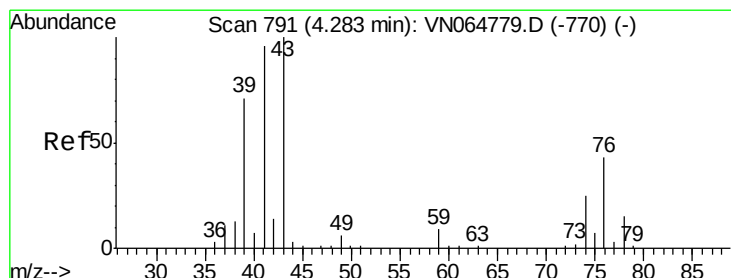
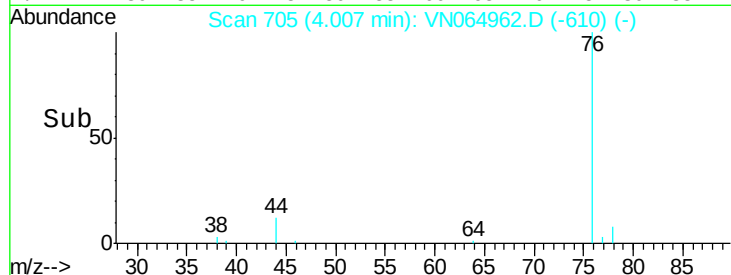
0

Time-->

3.90

4.00

4.10



#18

Methyl Acetate

Concen: 17.840 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN064962.D

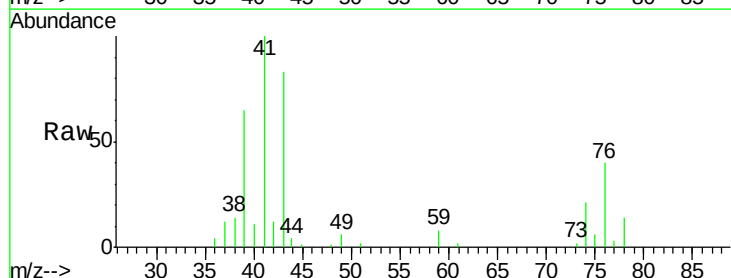
Acq: 8 Dec 2020 12:13

Tgt Ion: 43 Resp: 40180

Ion Ratio Lower Upper

43 100

74 25.1 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN064779.D (-770) (-)

4.28

15000

10000

5000

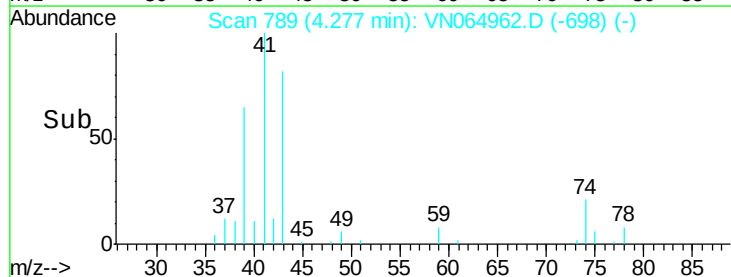
0

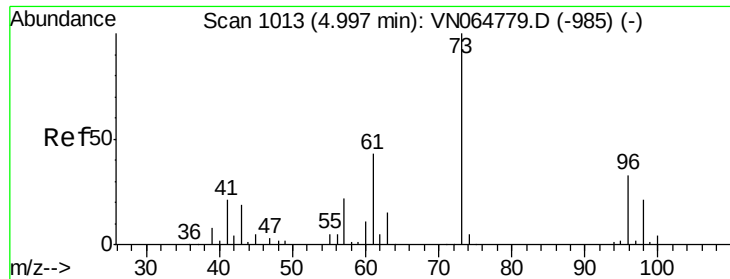
Time-->

4.20

4.30

4.40

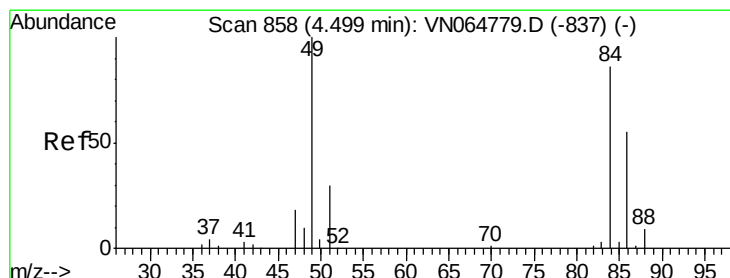
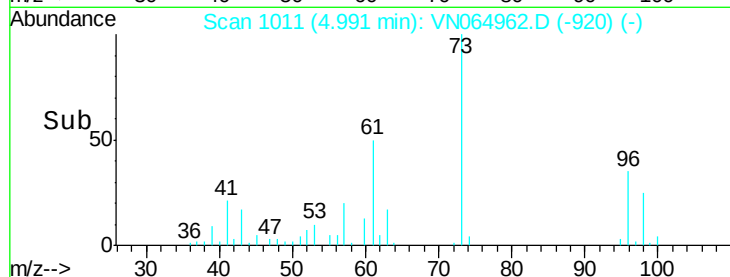
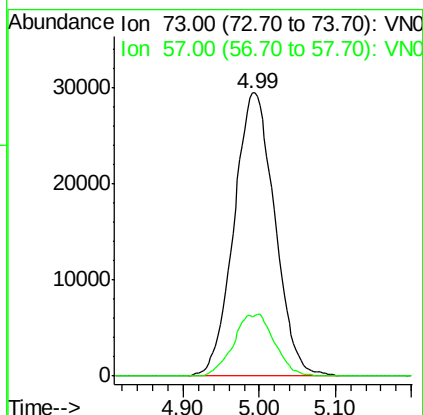
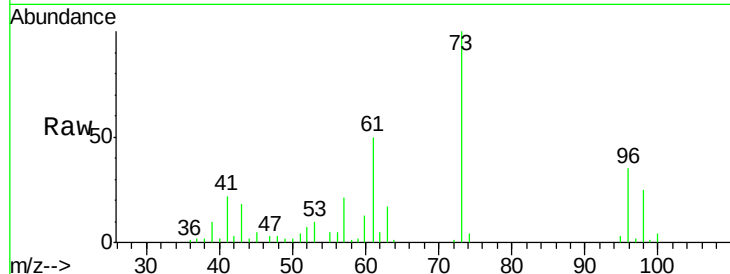




#19
Methyl tert-butyl Ether
Concen: 18.029 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

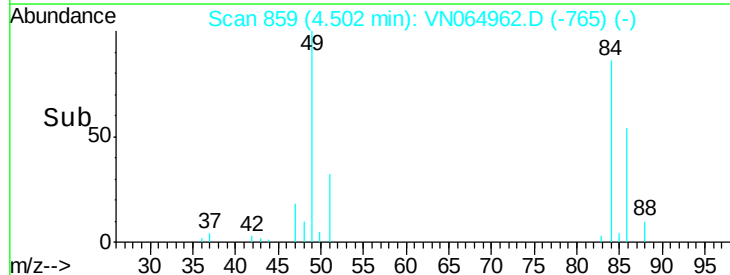
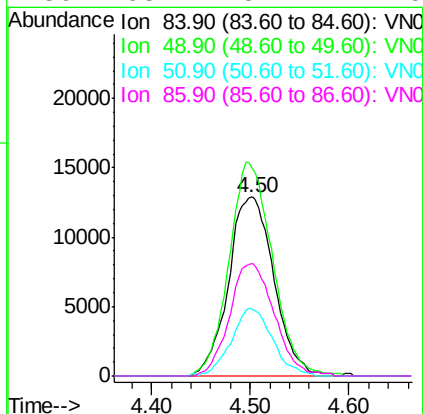
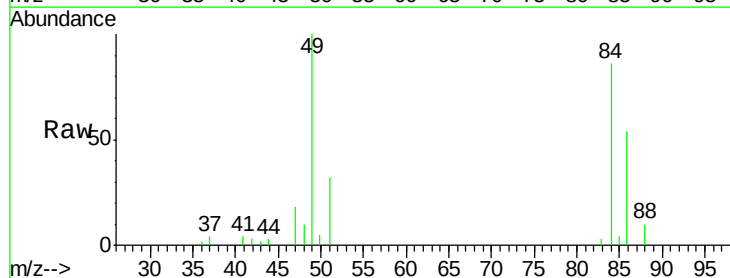
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

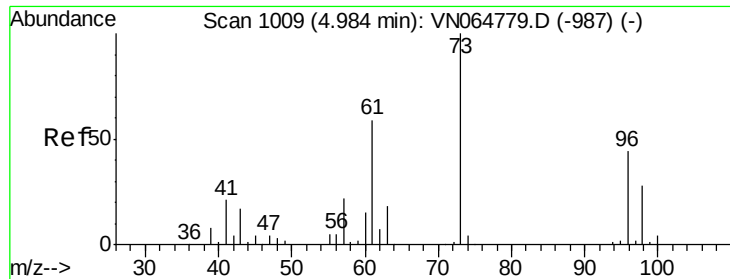
Tgt Ion: 73 Resp: 109910
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0



#20
Methylene Chloride
Concen: 17.562 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 84 Resp: 41226
Ion Ratio Lower Upper
84 100
49 116.0 93.4 140.0
51 37.3 28.2 42.4
86 63.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 16.654 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD01

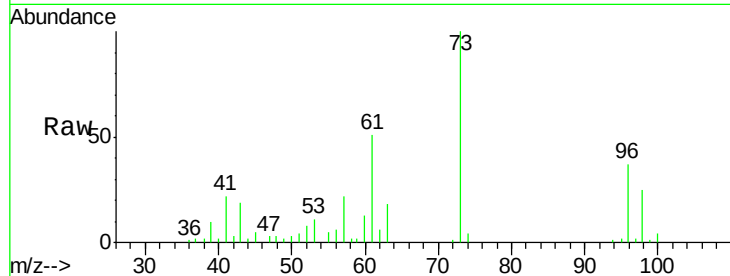
Tgt Ion: 96 Resp: 35154

Ion Ratio Lower Upper

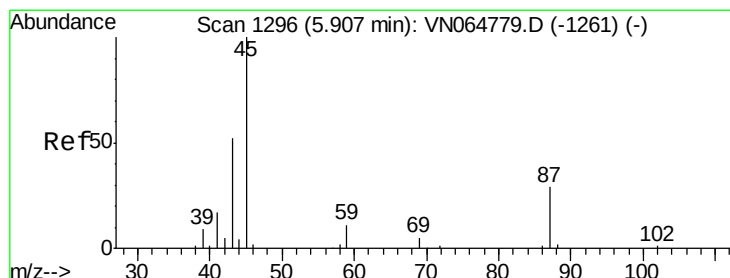
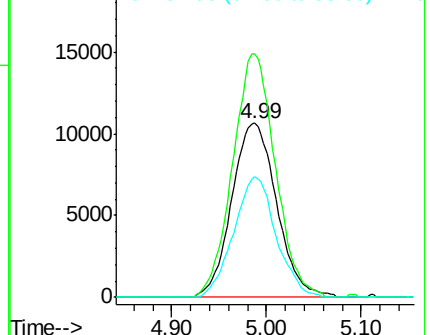
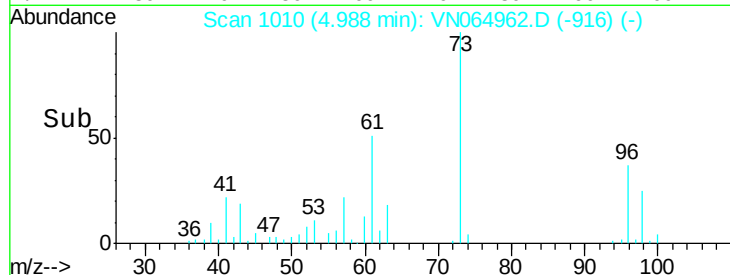
96 100

61 139.6 108.4 162.6

98 69.0 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VN064962.D (-916) (-)



#22

Diisopropyl ether

Concen: 18.618 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Tgt Ion: 45 Resp: 116826

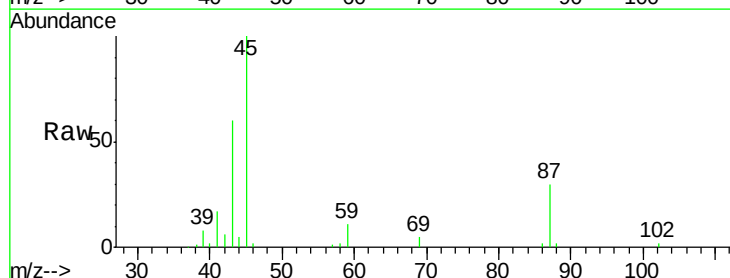
Ion Ratio Lower Upper

45 100

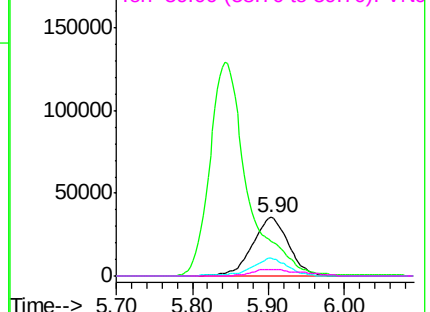
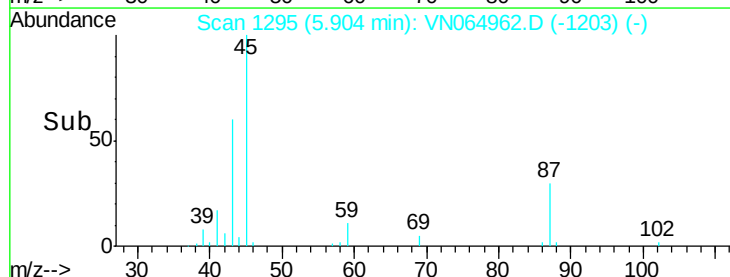
43 58.4 46.2 69.2

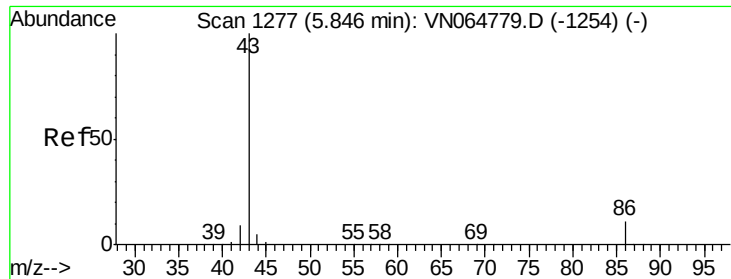
87 30.2 24.1 36.1

59 11.4 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN064962.D (-1203) (-)





#23

Vinyl Acetate

Concen: 88.151 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampled :

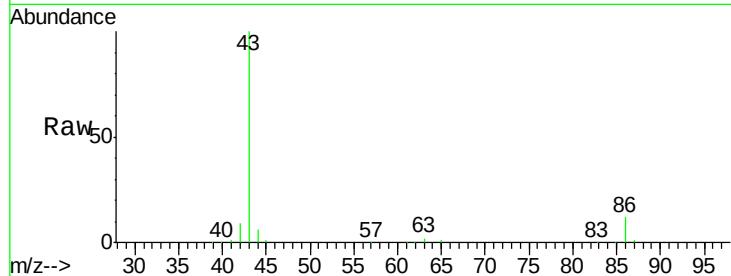
VN1208WBSD01

Tgt Ion: 43 Resp: 442342

Ion Ratio Lower Upper

43 100

86 11.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

150000

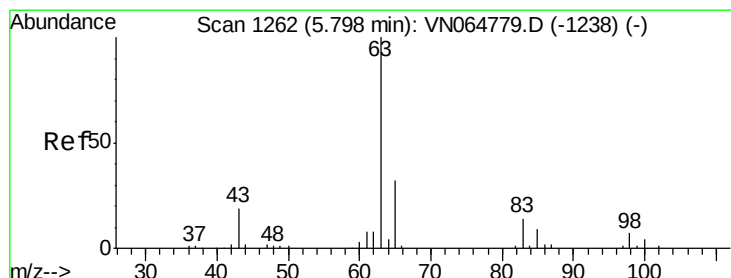
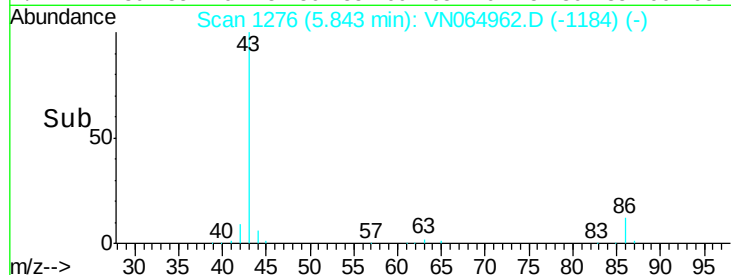
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.473 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

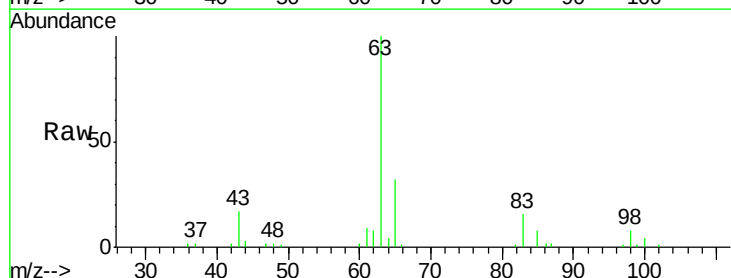
Tgt Ion: 63 Resp: 65527

Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.5

100 4.2 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

25000

20000

15000

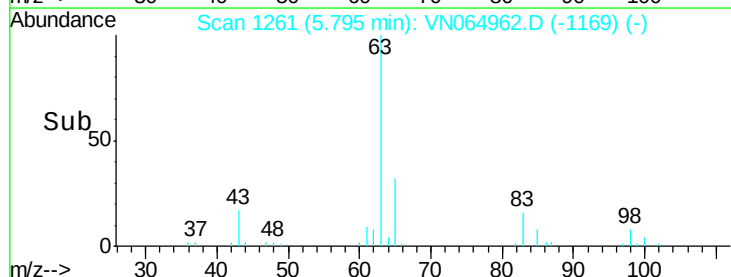
10000

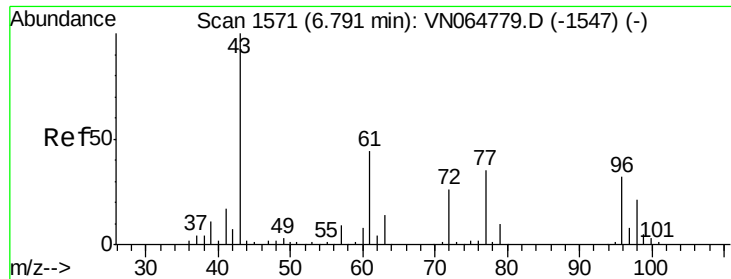
5000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 87.071 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

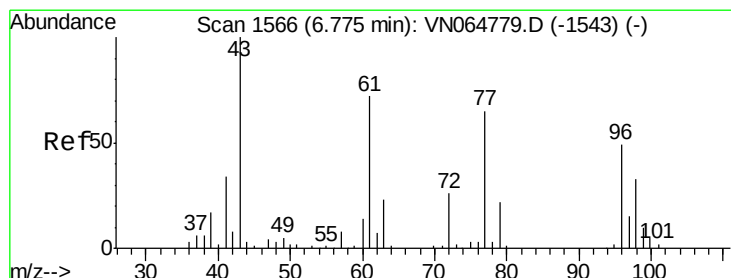
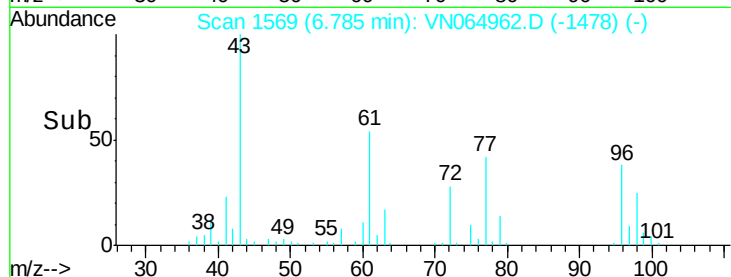
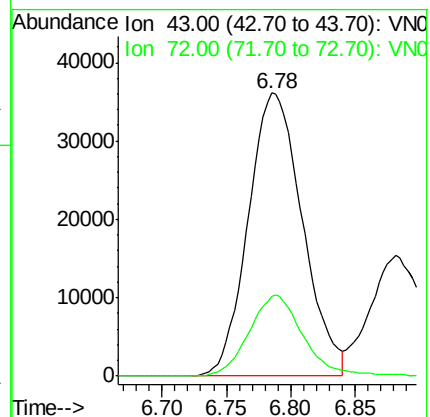
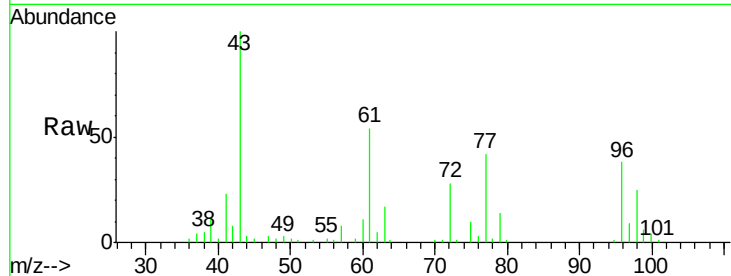
VN1208WBSD01

Tgt Ion: 43 Resp: 105735

Ion Ratio Lower Upper

43 100

72 28.2 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.188 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064962.D

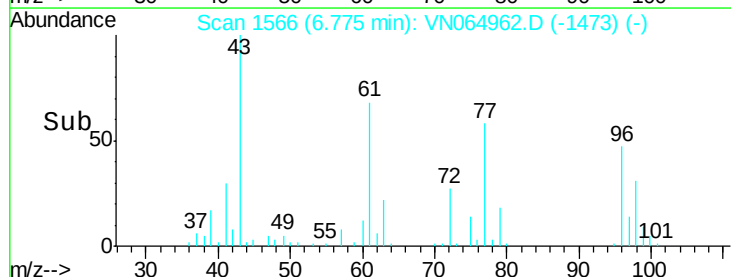
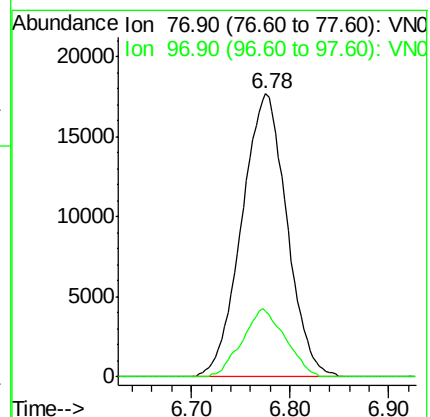
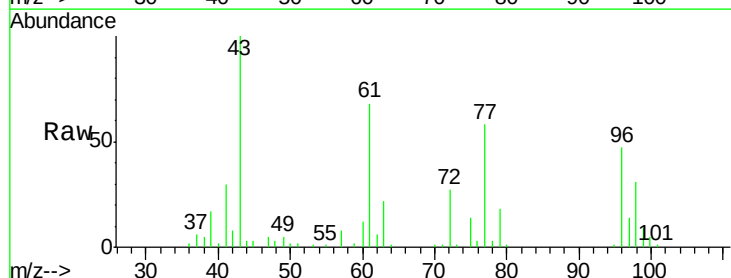
Acq: 8 Dec 2020 12:13

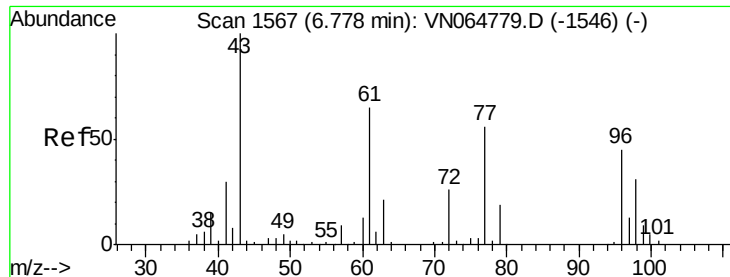
Tgt Ion: 77 Resp: 55904

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.701 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampled :

VN1208WBSD01

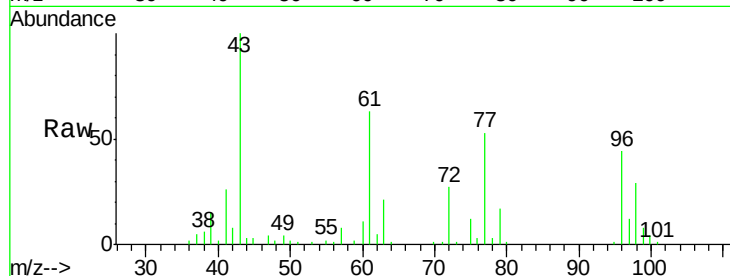
Tgt Ion: 96 Resp: 42044

Ion Ratio Lower Upper

96 100

61 143.2 0.0 285.8

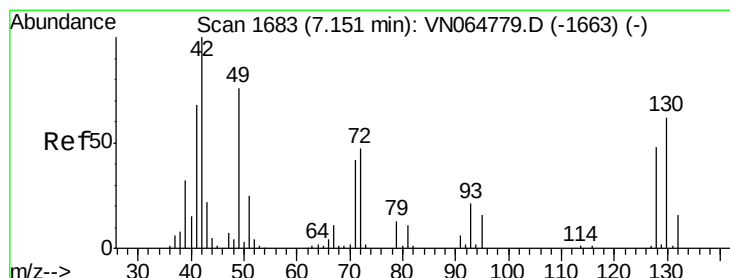
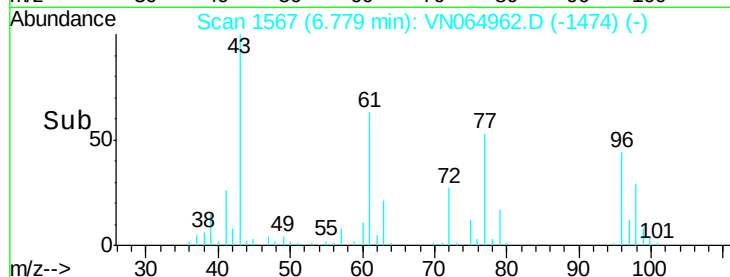
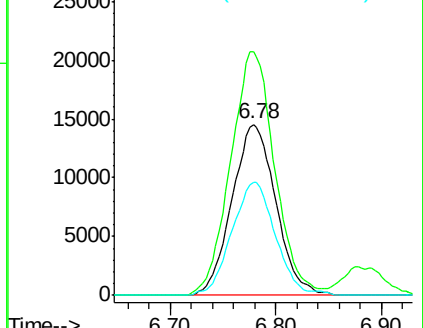
98 65.0 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064962.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064962.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064962.D (-1546) (-)



#28

Bromochloromethane

Concen: 17.724 ug/l

RT: 7.15 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

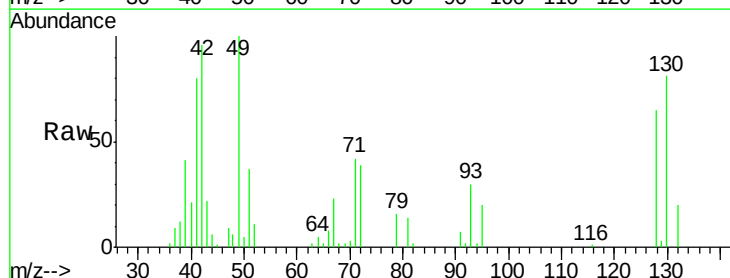
Tgt Ion: 49 Resp: 30407

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

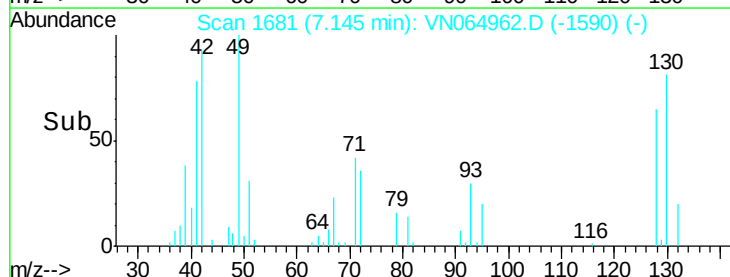
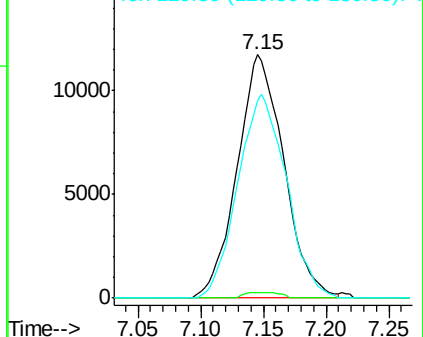
130 86.9 66.2 99.2

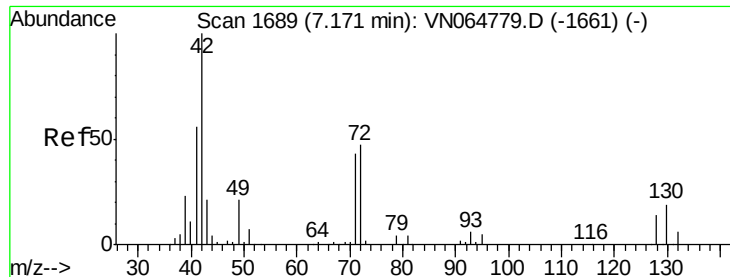


Abundance Ion 48.90 (48.60 to 49.60): VN064962.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064962.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064962.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 80.977 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD01

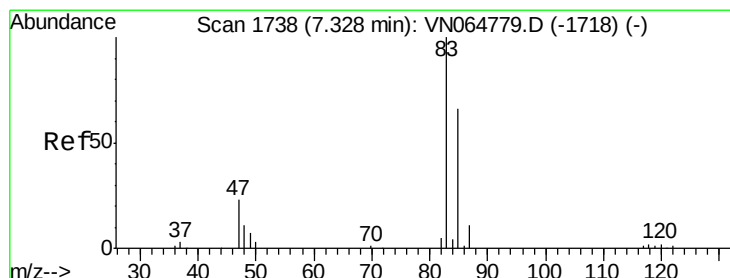
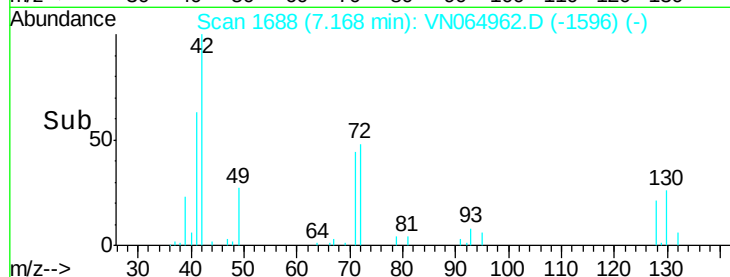
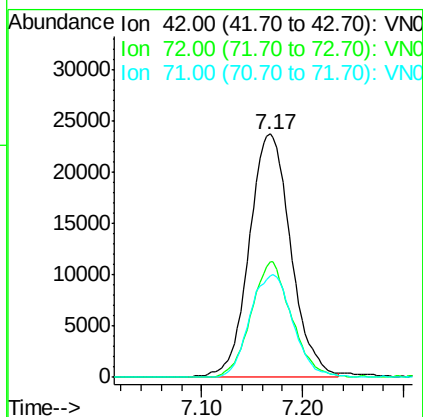
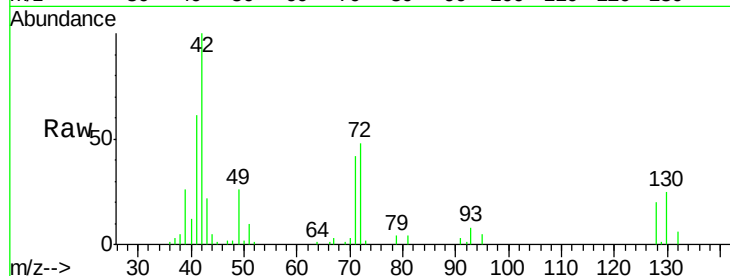
Tgt Ion: 42 Resp: 67880

Ion Ratio Lower Upper

42 100

72 45.9 36.6 54.8

71 43.6 33.6 50.4



#30

Chloroform

Concen: 17.950 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064962.D

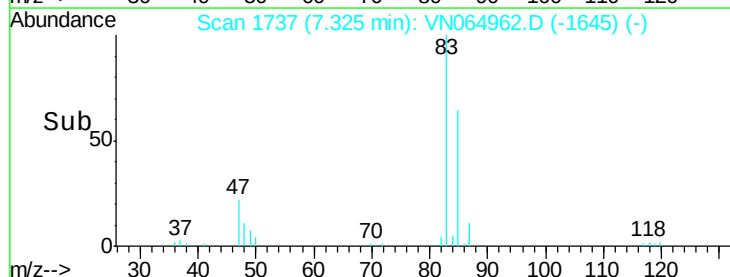
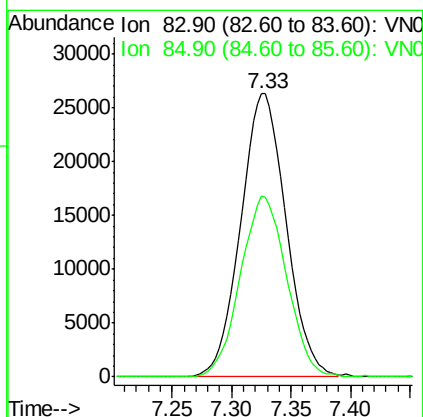
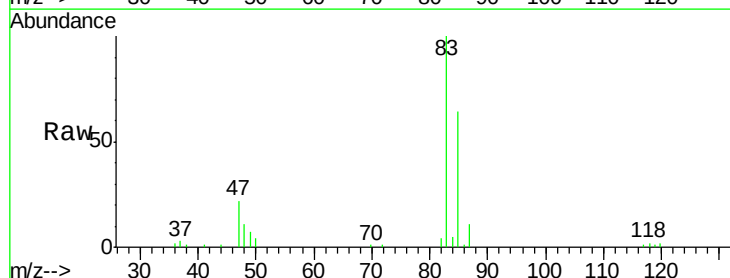
Acq: 8 Dec 2020 12:13

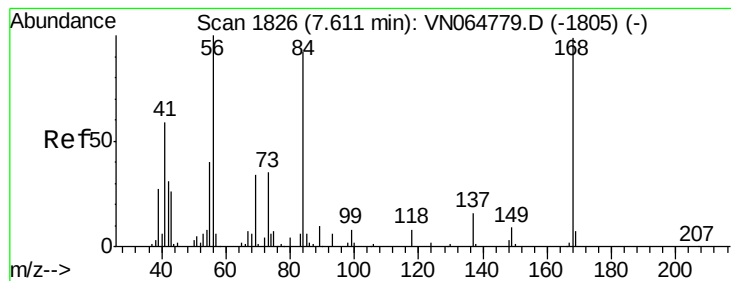
Tgt Ion: 83 Resp: 69417

Ion Ratio Lower Upper

83 100

85 63.8 52.6 78.8





#31

Cyclohexane

Concen: 16.158 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampled :

VN1208WBSD01

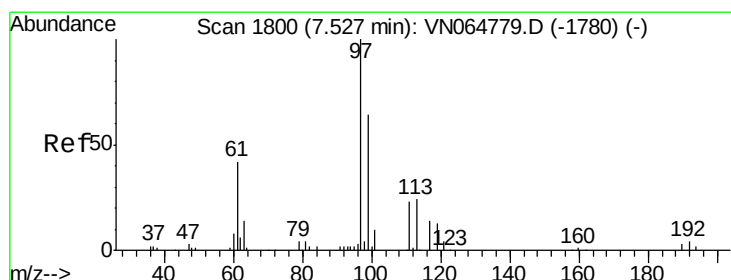
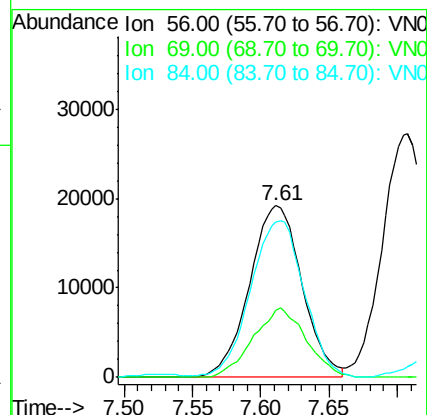
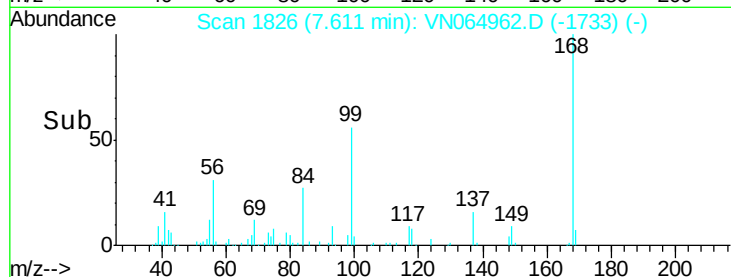
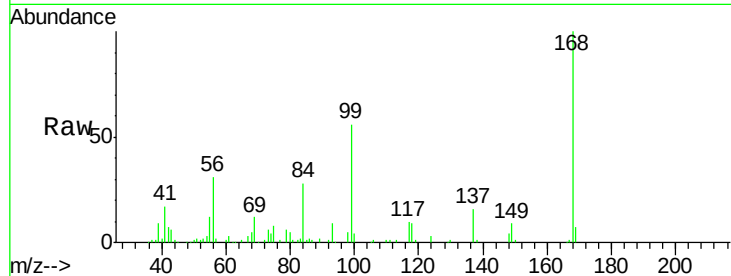
Tgt Ion: 56 Resp: 51321

Ion Ratio Lower Upper

56 100

69 39.1 27.5 41.3

84 89.7 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 17.388 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

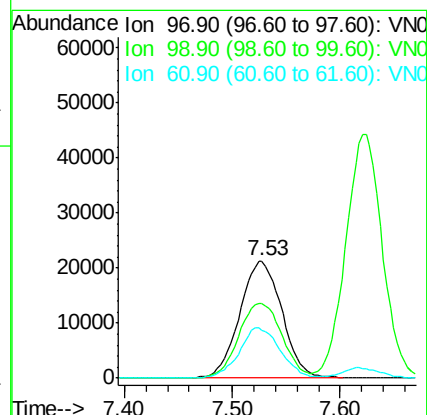
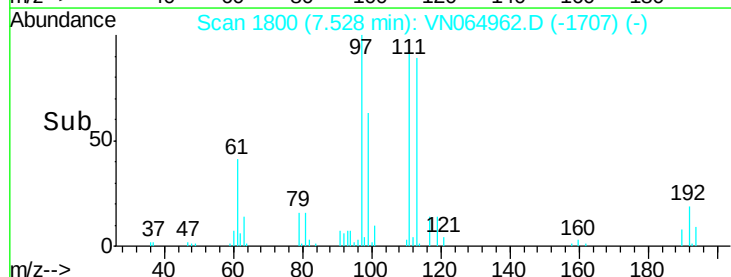
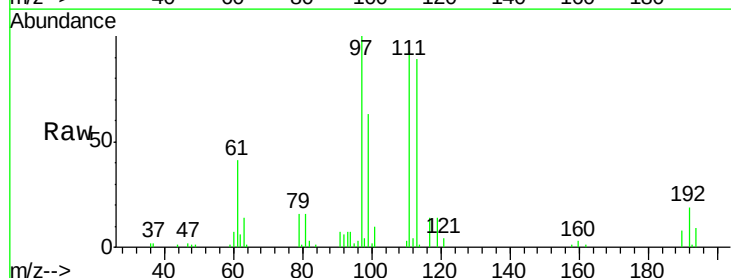
Tgt Ion: 97 Resp: 57755

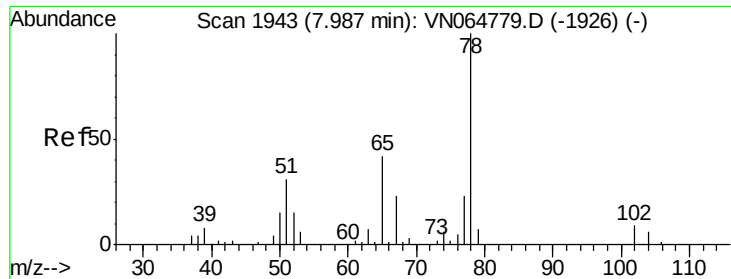
Ion Ratio Lower Upper

97 100

99 65.4 51.7 77.5

61 42.1 33.9 50.9

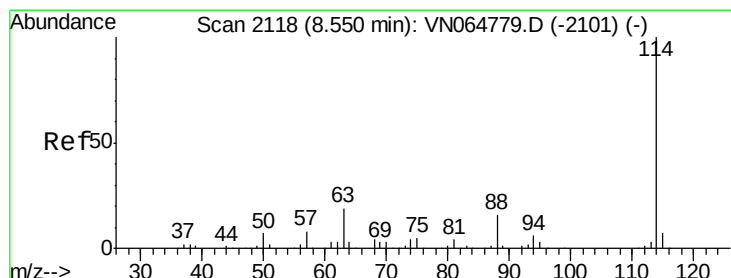
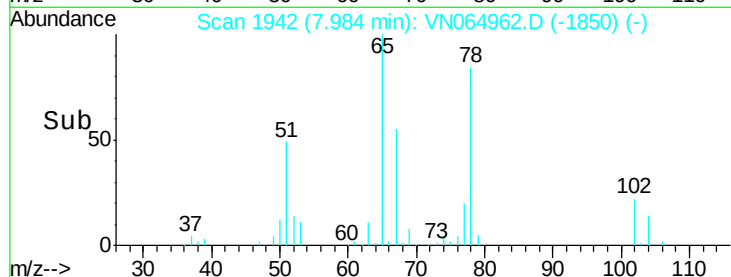
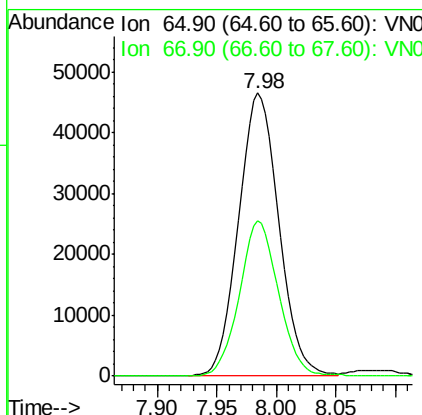
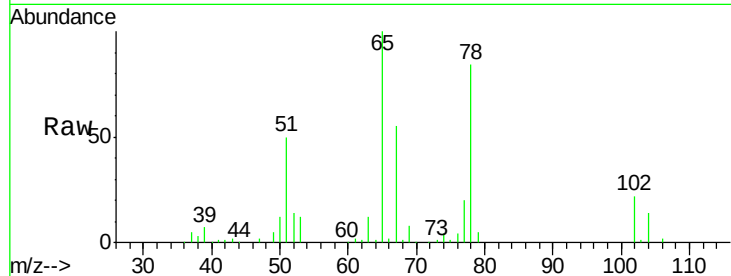




#33
 1,2-Dichloroethane-d4
 Concen: 47.898 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

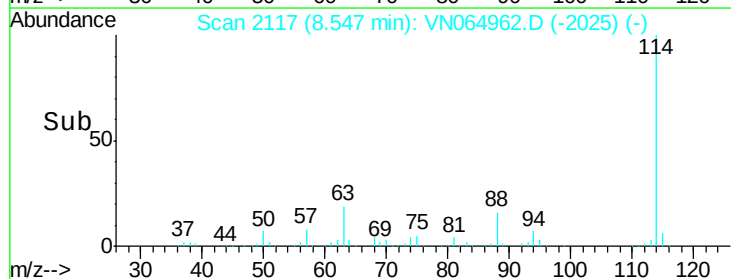
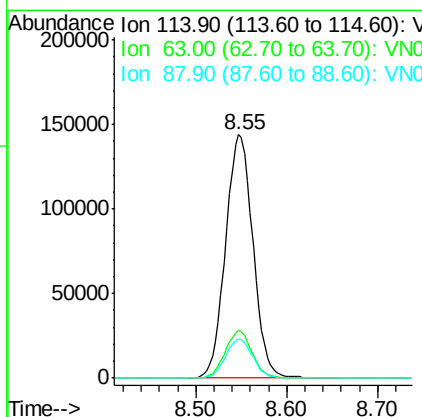
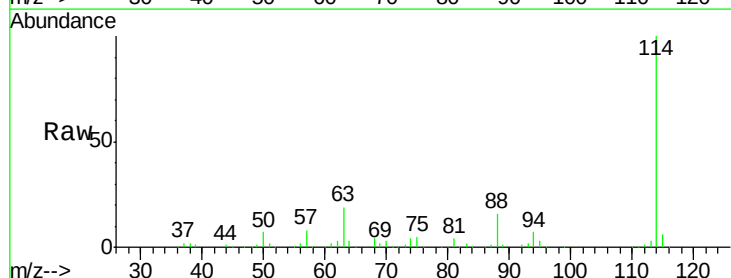
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

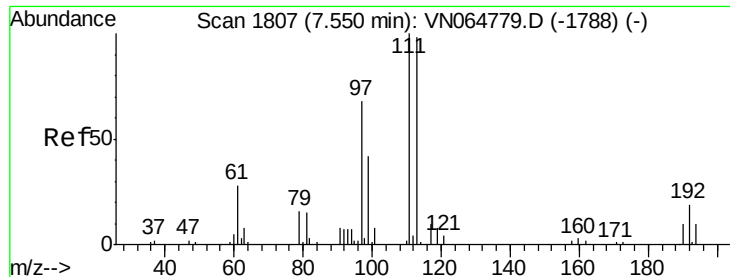
Tgt Ion: 65 Resp: 109152
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion: 114 Resp: 300959
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 16.1 0.0 32.6

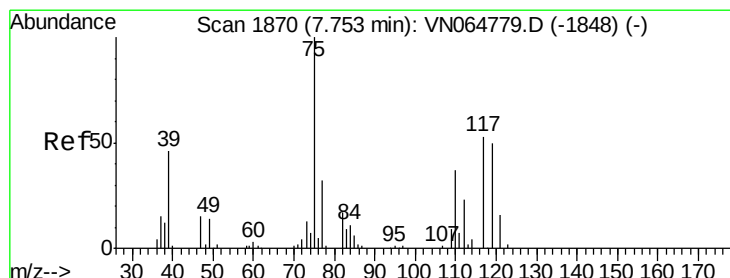
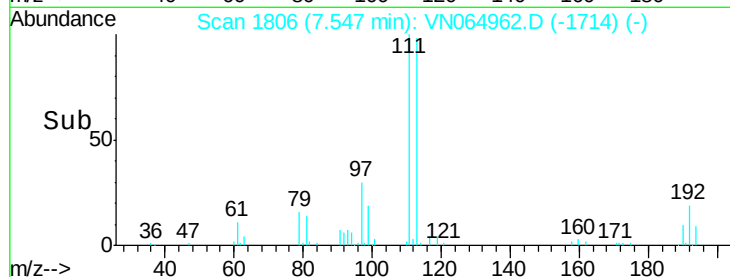
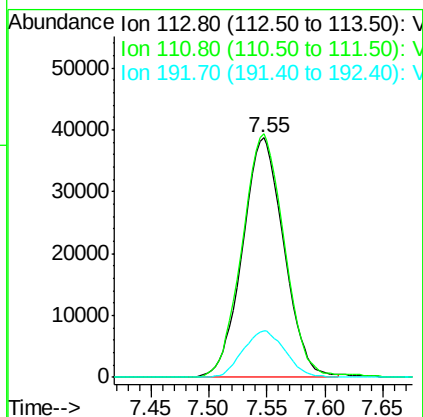
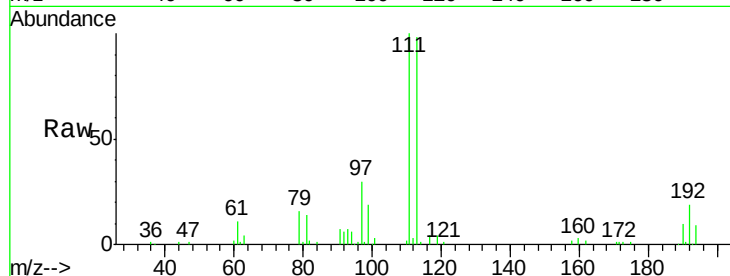




#35
 Dibromofluoromethane
 Concen: 53.577 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

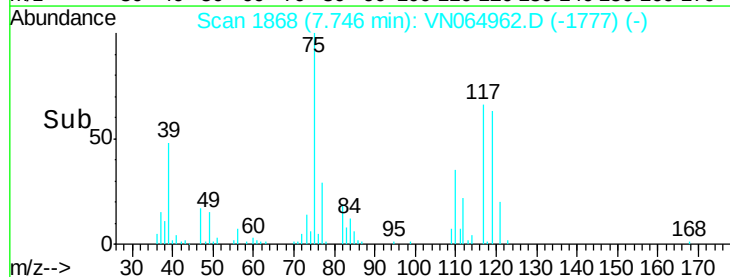
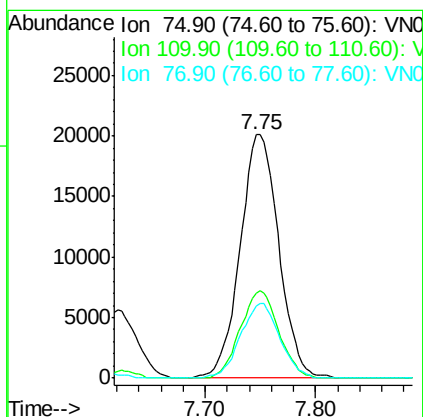
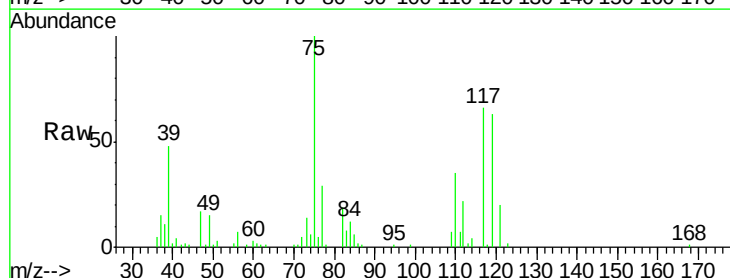
Instrument :
 MSVOA_N
 ClientSampled :
 VN1208WBSD01

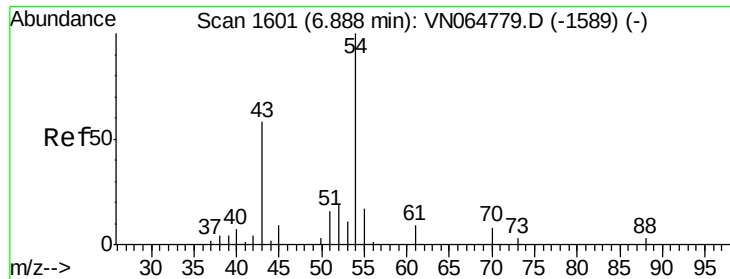
Tgt Ion:113 Resp: 96484
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.6 122.4
 192 19.8 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 17.496 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion: 75 Resp: 48808
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.8 53.3
 77 31.0 25.0 37.4

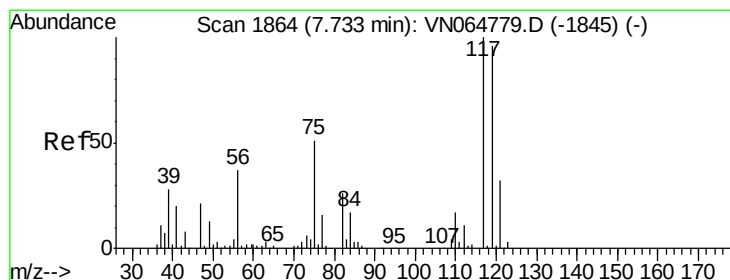
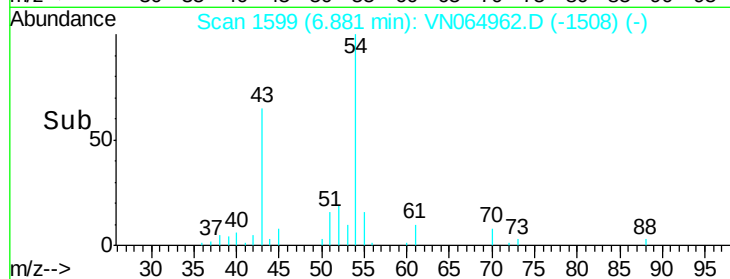
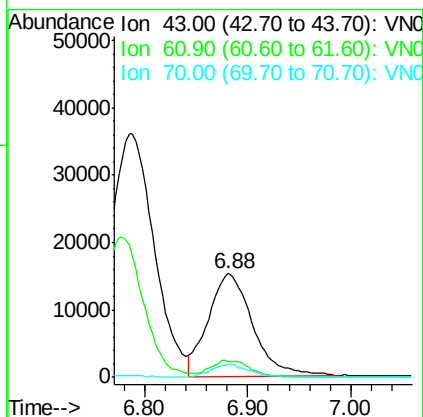
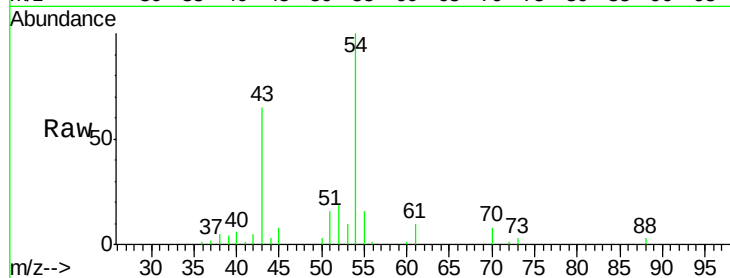




#37
Ethyl Acetate
Concen: 16.834 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

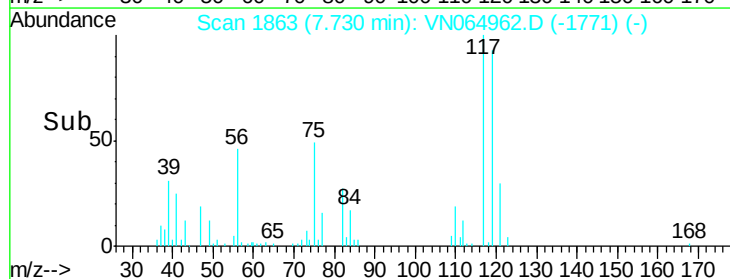
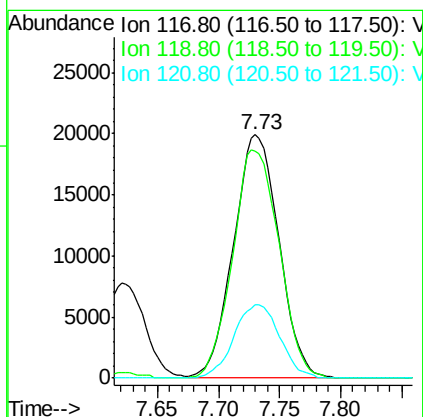
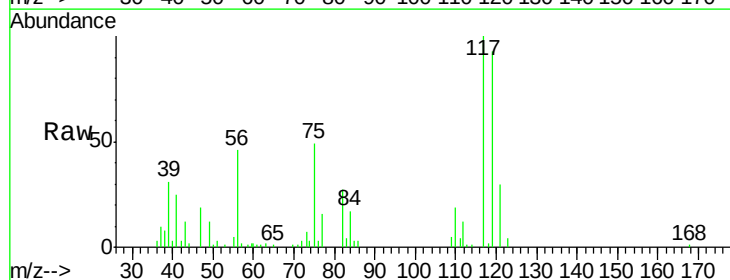
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

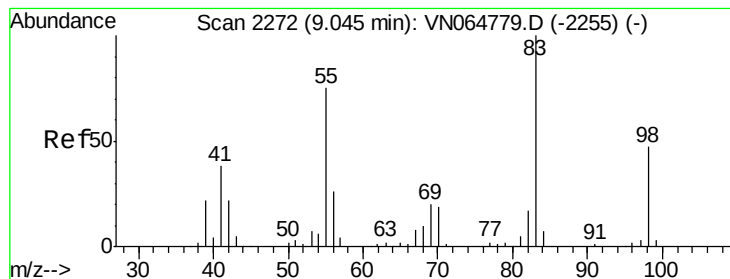
Tgt Ion: 43 Resp: 45235
Ion Ratio Lower Upper
43 100
61 15.4 12.8 19.2
70 10.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 17.717 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 117 Resp: 51424
Ion Ratio Lower Upper
117 100
119 93.4 76.7 115.1
121 29.9 25.4 38.2





#39

Methylcyclohexane

Concen: 15.298 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD01

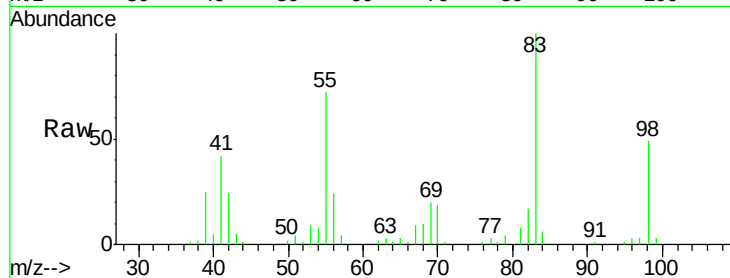
Tgt Ion: 83 Resp: 45940

Ion Ratio Lower Upper

83 100

55 72.2 60.2 90.2

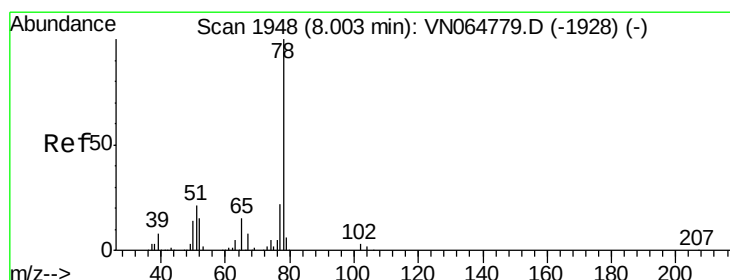
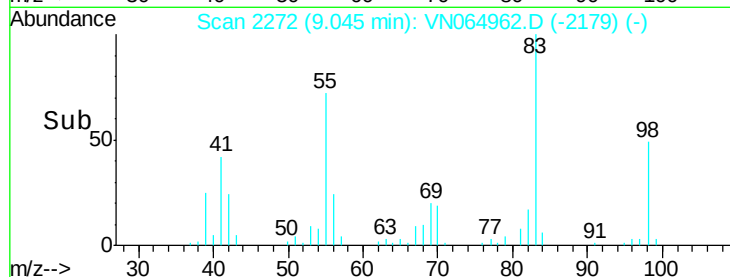
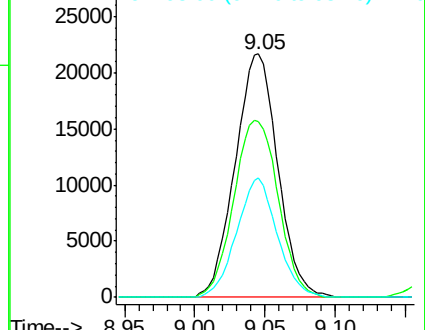
98 48.9 37.4 56.2



Abundance Ion 83.00 (82.70 to 83.70): VN064962.D (-2179) (-)

Ion 55.00 (54.70 to 55.70): VN064962.D (-2179) (-)

Ion 98.00 (97.70 to 98.70): VN064962.D (-2179) (-)



#40

Benzene

Concen: 17.935 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064962.D

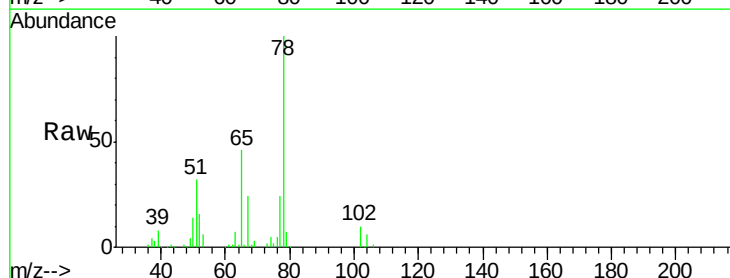
Acq: 8 Dec 2020 12:13

Tgt Ion: 78 Resp: 153313

Ion Ratio Lower Upper

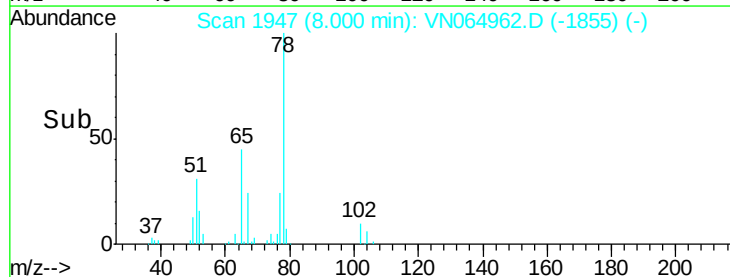
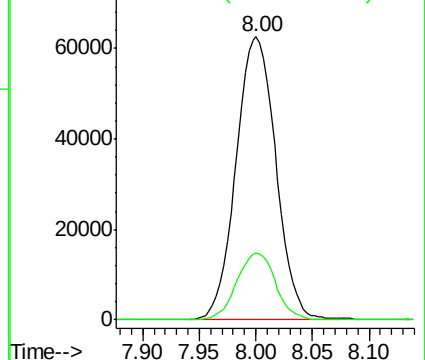
78 100

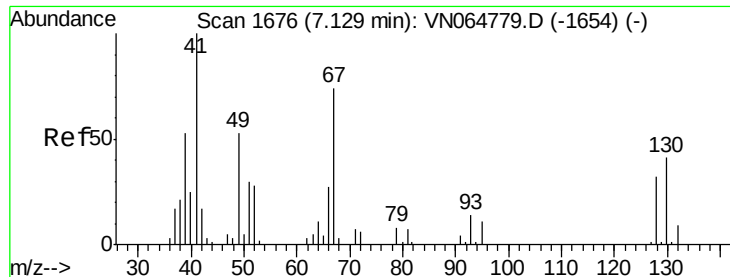
77 23.9 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN064962.D (-1855) (-)

Ion 77.00 (76.70 to 77.70): VN064962.D (-1855) (-)

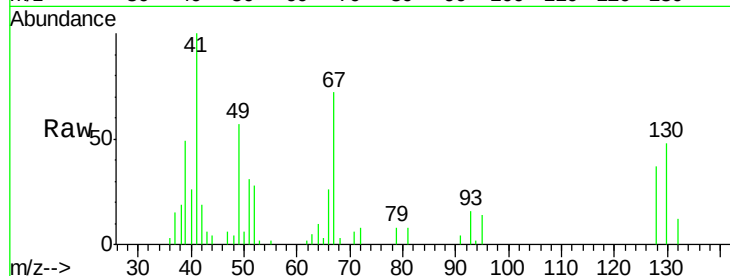




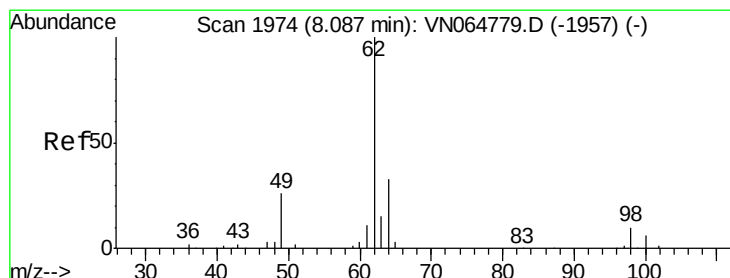
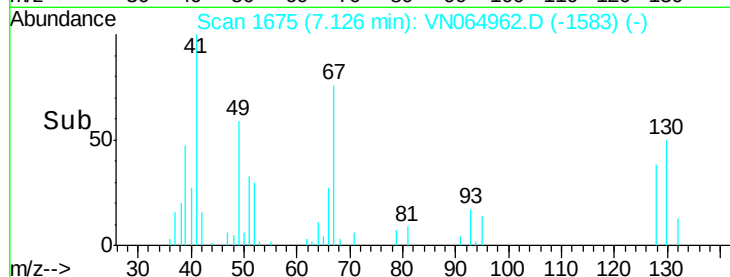
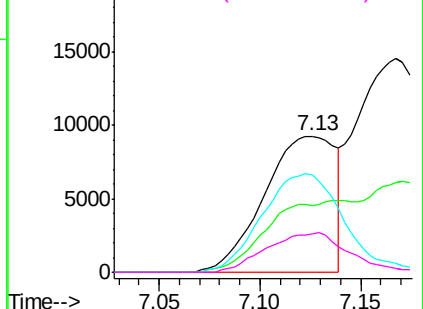
#41
Methacrylonitrile
Concen: 18.299 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tgt Ion: 41 Resp: 22689
Ion Ratio Lower Upper
41 100
39 64.2 51.0 76.6
67 83.2 79.8 119.8
52 33.0 31.5 47.3

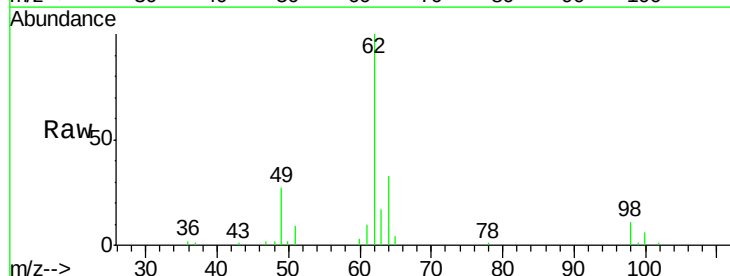


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

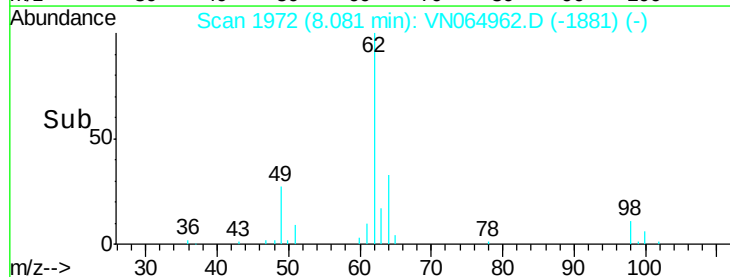
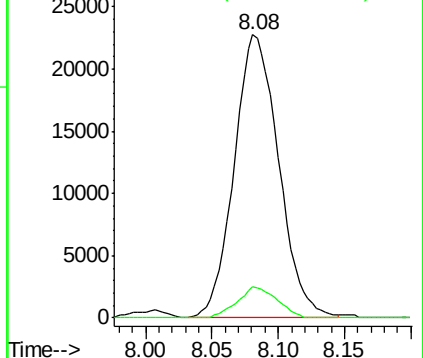


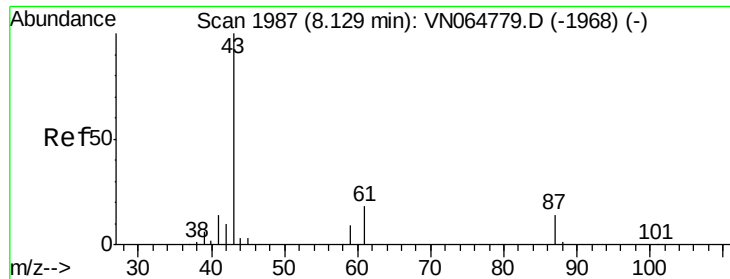
#42
1,2-Dichloroethane
Concen: 18.400 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 62 Resp: 53060
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 17.122 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD01

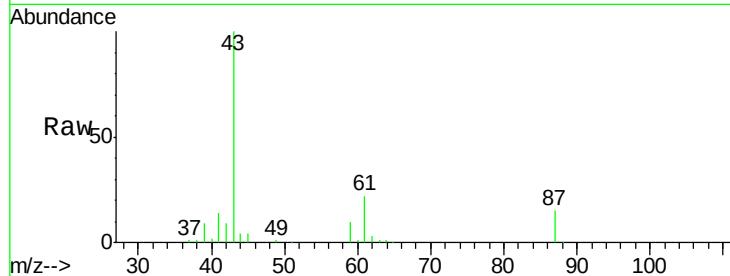
Tgt Ion: 43 Resp: 74036

Ion Ratio Lower Upper

43 100

61 20.6 17.2 25.8

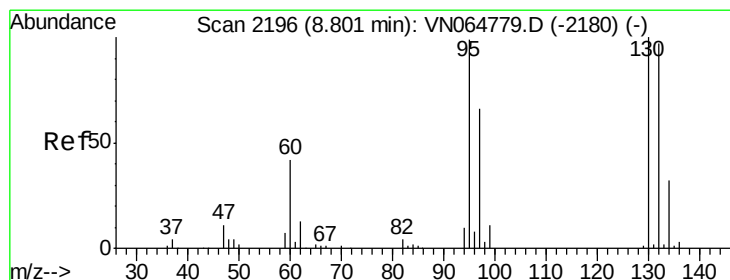
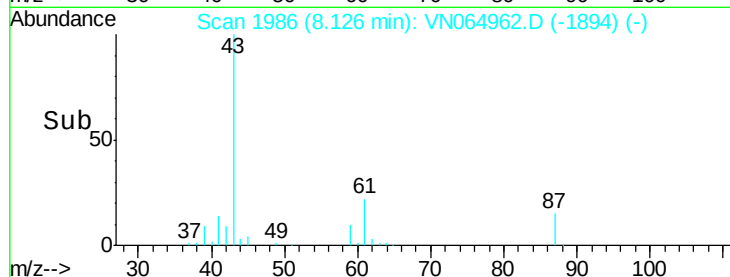
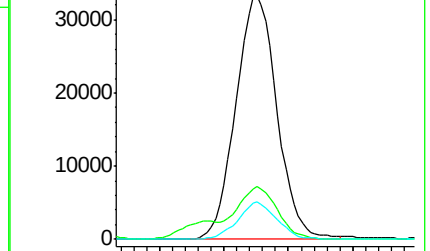
87 14.3 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064962.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN064962.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN064962.D (-1894) (-)



#44

Trichloroethene

Concen: 16.817 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064962.D

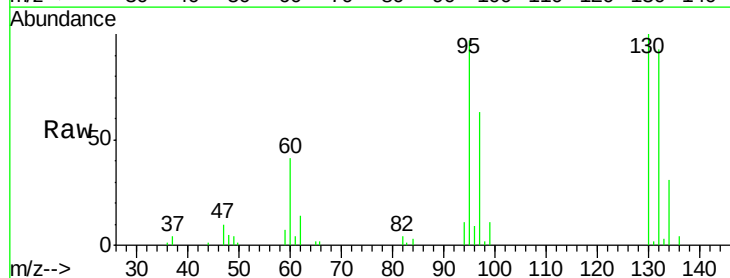
Acq: 8 Dec 2020 12:13

Tgt Ion: 130 Resp: 42416

Ion Ratio Lower Upper

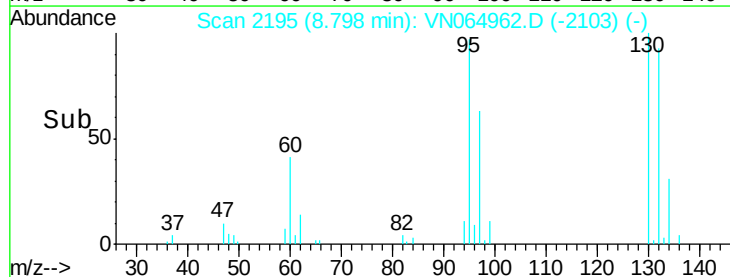
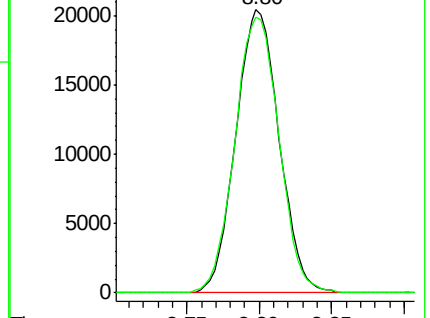
130 100

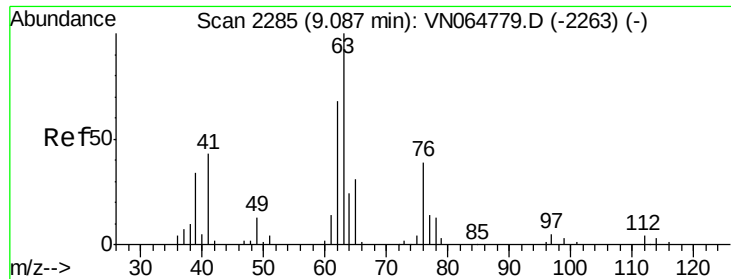
95 97.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064962.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064962.D (-2103) (-)

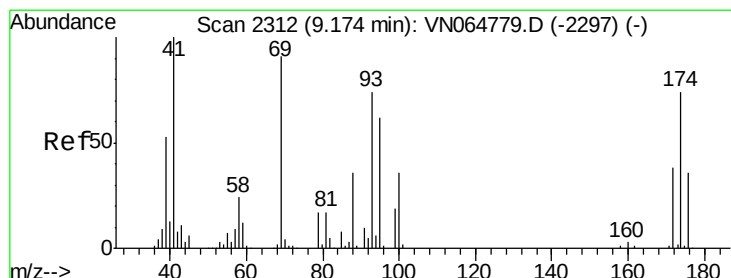
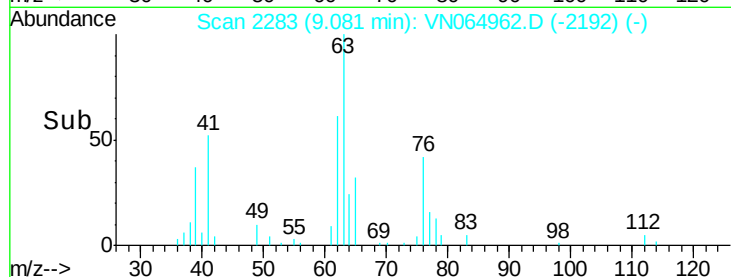
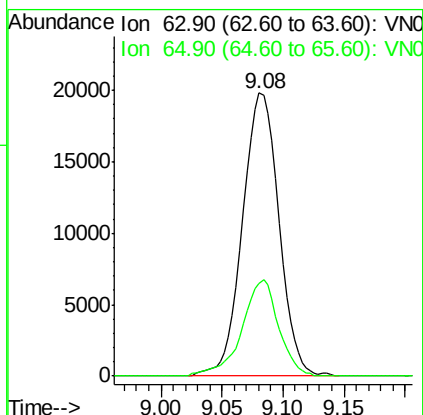
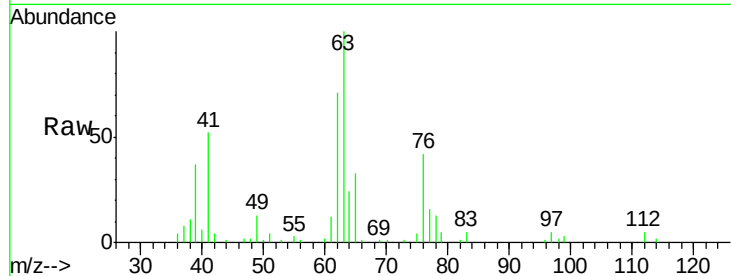




#45
 1,2-Dichloropropane
 Concen: 18.453 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

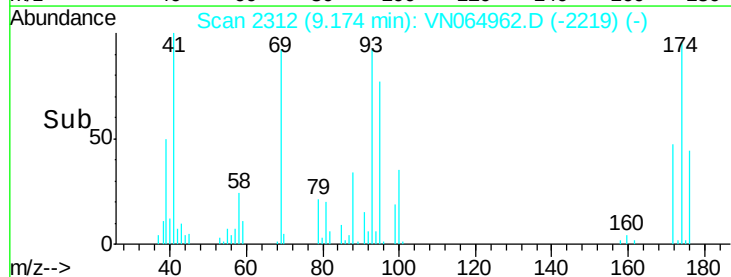
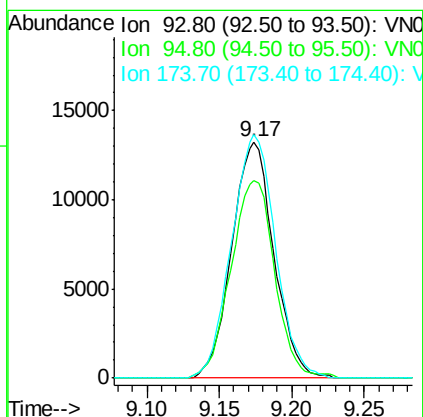
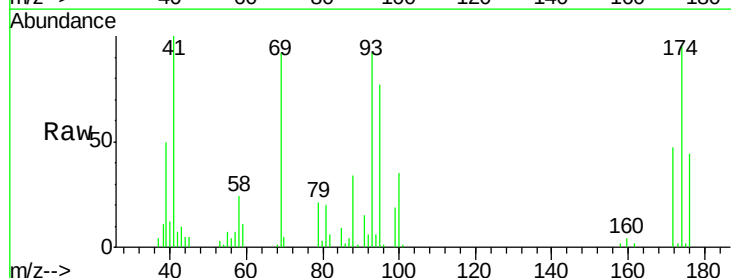
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

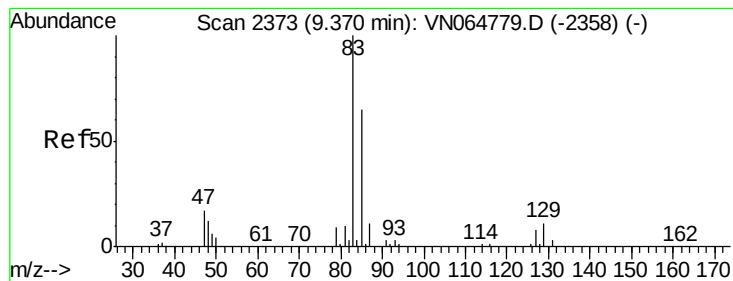
Tgt Ion: 63 Resp: 40850
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.0 37.4



#46
 Dibromomethane
 Concen: 18.073 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion: 93 Resp: 26728
 Ion Ratio Lower Upper
 93 100
 95 87.2 68.8 103.2
 174 107.7 83.1 124.7





#47

Bromodichloromethane

Concen: 17.932 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampled :

VN1208WBSD01

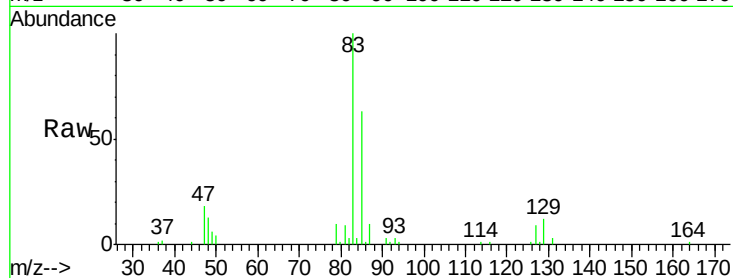
Tgt Ion: 83 Resp: 53362

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.8

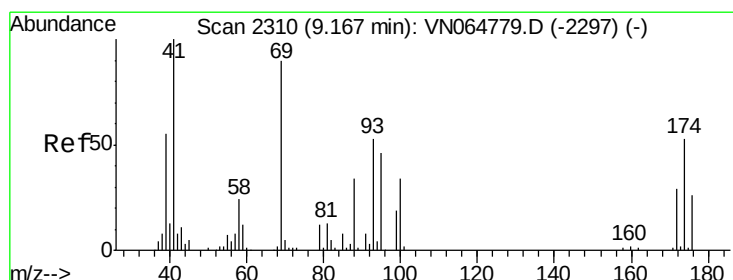
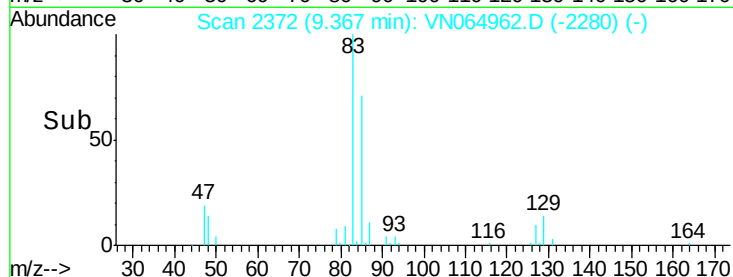
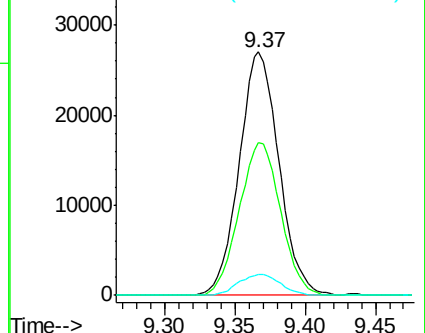
127 8.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064962.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064962.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064962.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.115 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

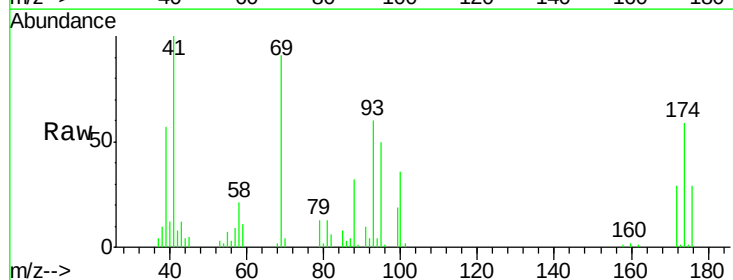
Tgt Ion: 41 Resp: 35361

Ion Ratio Lower Upper

41 100

69 90.4 71.8 107.8

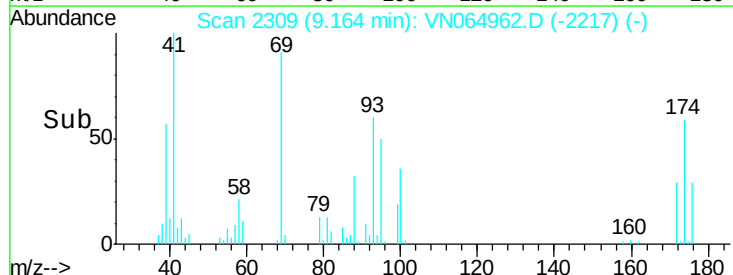
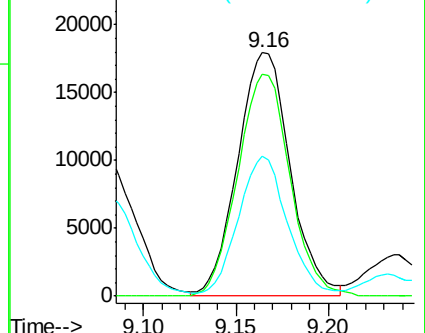
39 54.1 44.1 66.1

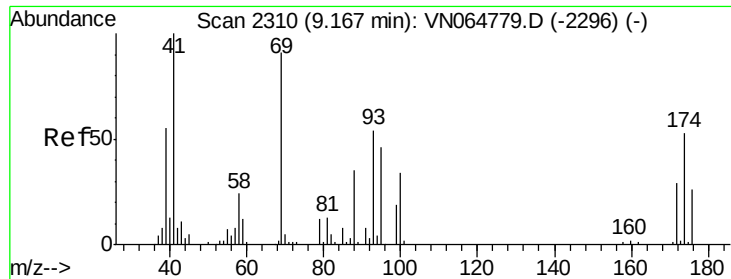


Abundance Ion 41.00 (40.70 to 41.70): VN064962.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064962.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064962.D (-2217) (-)

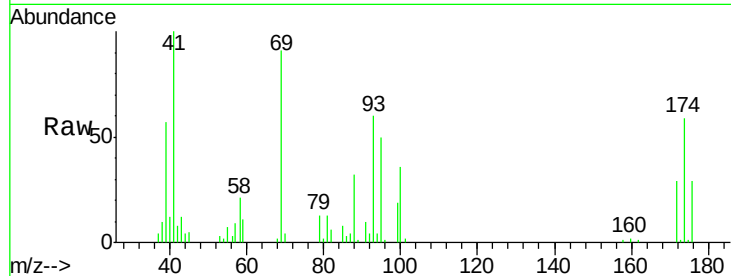




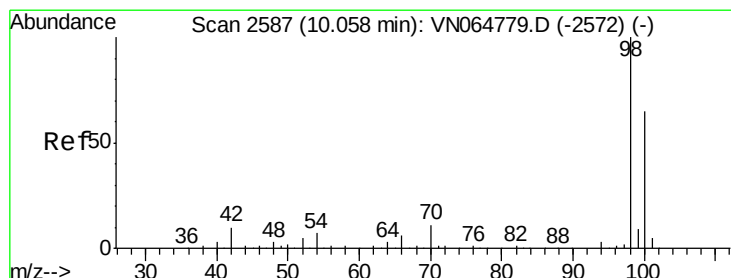
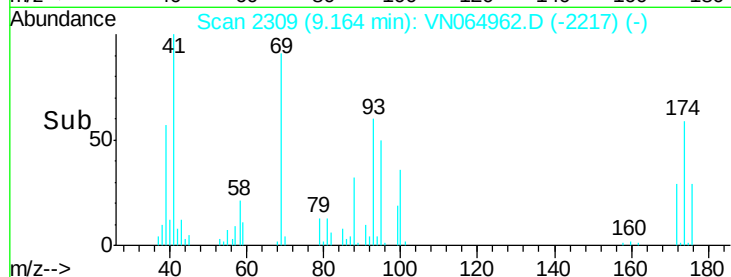
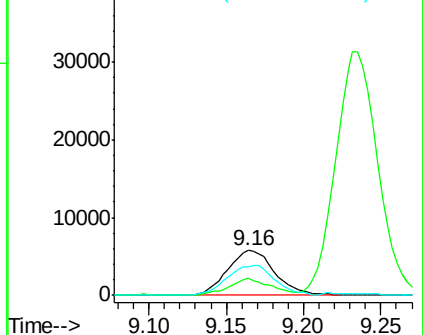
#49
 1,4-Dioxane
 Concen: 311.856 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Tgt Ion: 88 Resp: 12178
 Ion Ratio Lower Upper
 88 100
 43 33.6 24.2 36.4
 58 66.9 52.5 78.7

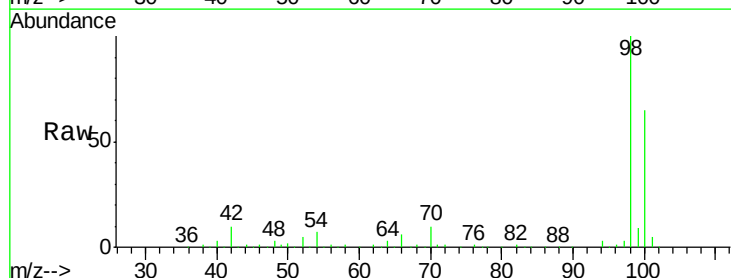


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

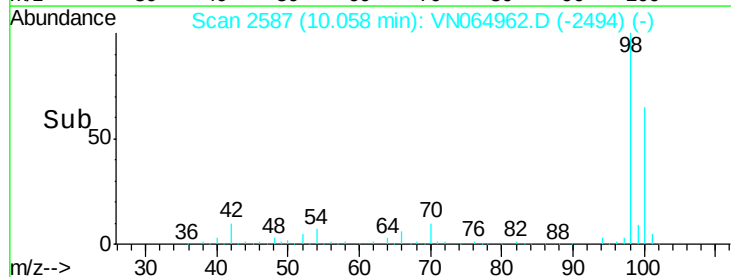
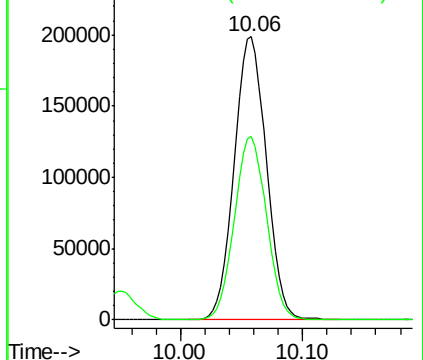


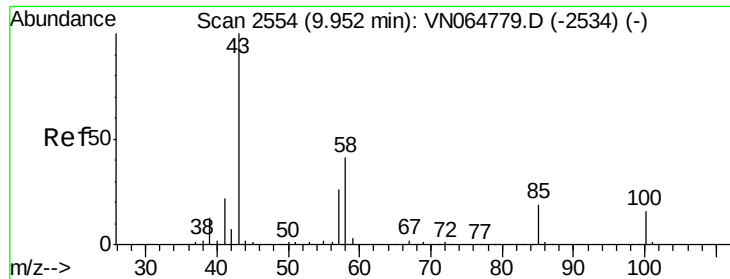
#50
 Toluene-d8
 Concen: 49.285 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion: 98 Resp: 362646
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

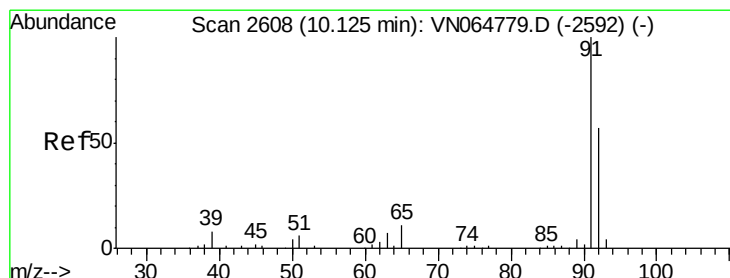
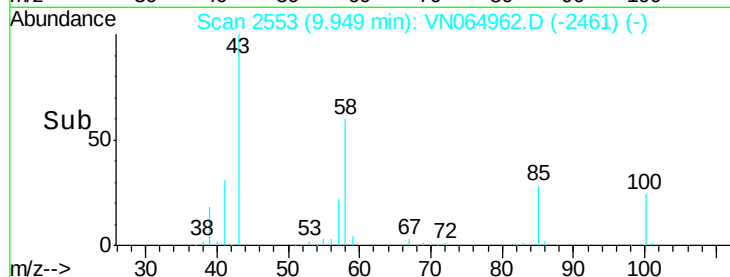
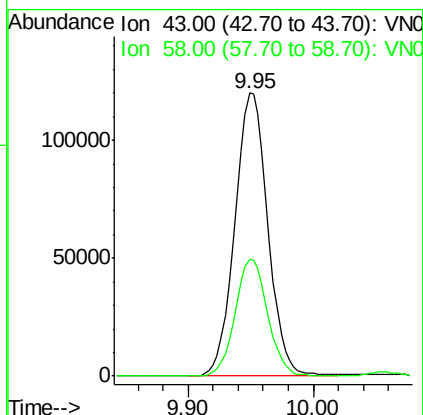
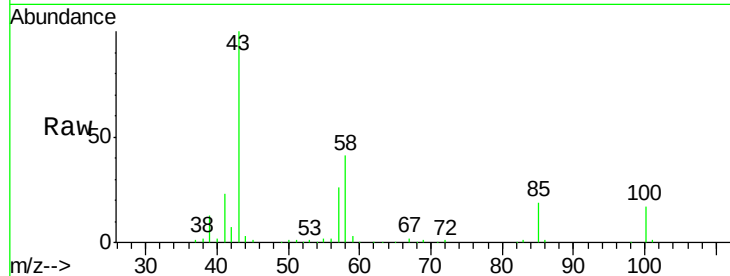




#51
4-Methyl-2-Pentanone
Concen: 84.448 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

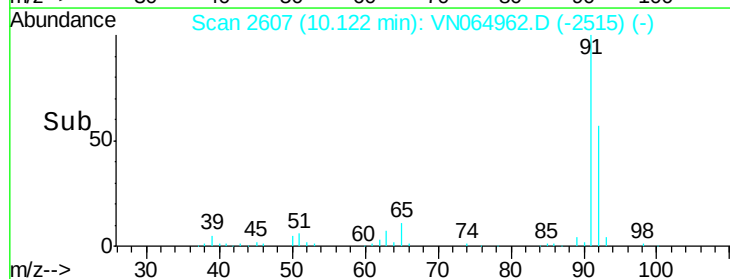
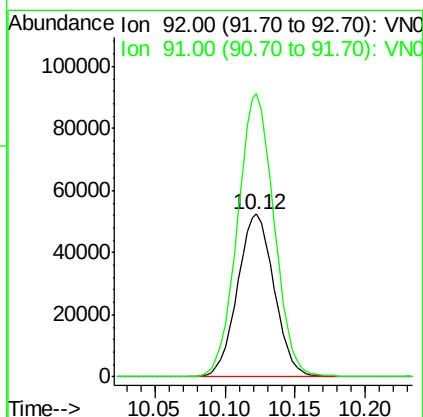
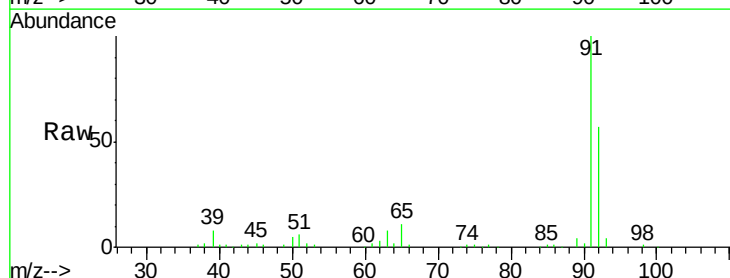
Instrument :
MSVOA_N
ClientSampled :
VN1208WBSD01

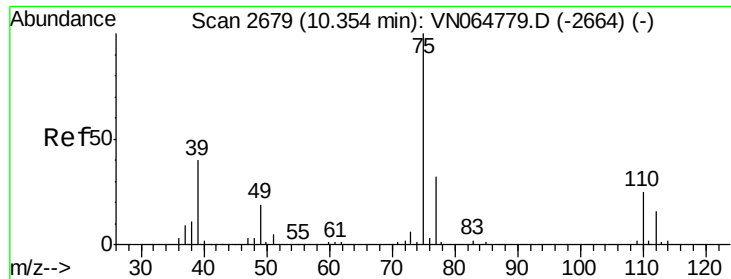
Tgt Ion: 43 Resp: 219215
Ion Ratio Lower Upper
43 100
58 40.7 32.4 48.6



#52
Toluene
Concen: 18.134 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 92 Resp: 95466
Ion Ratio Lower Upper
92 100
91 173.9 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 17.585 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

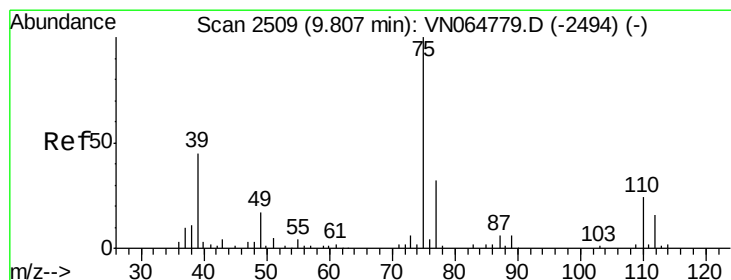
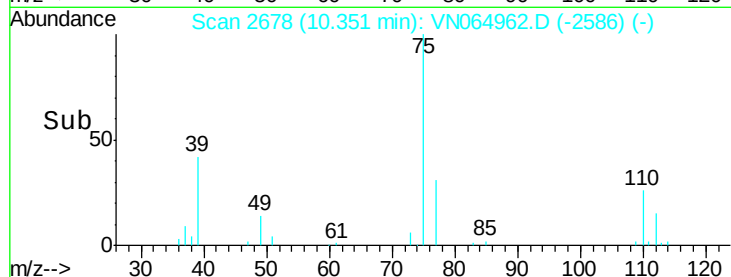
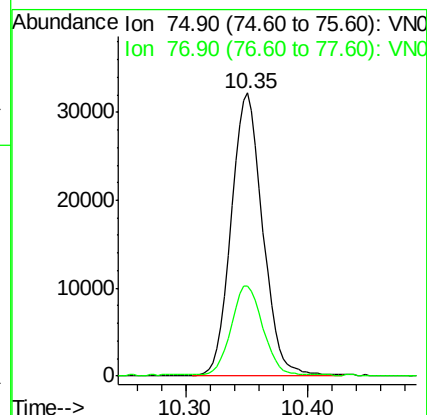
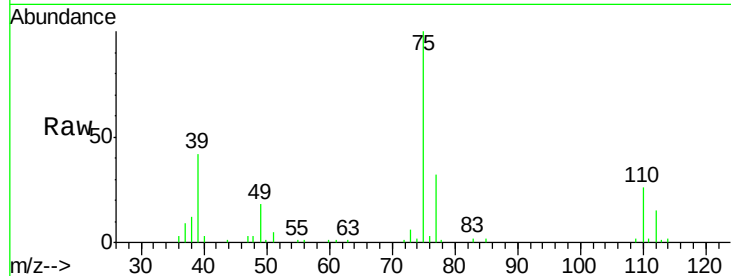
VN1208WBSD01

Tgt Ion: 75 Resp: 58284

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 18.113 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

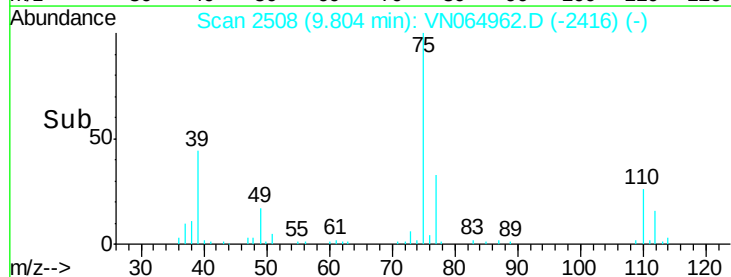
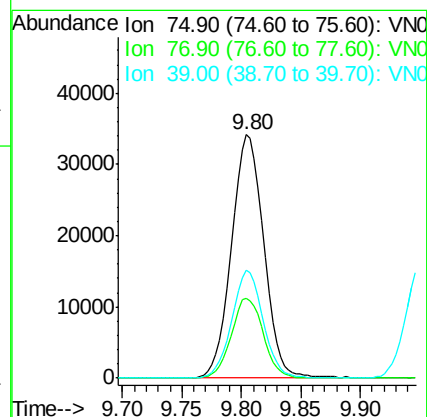
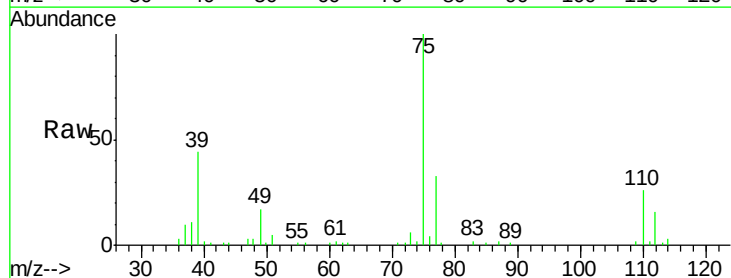
Tgt Ion: 75 Resp: 64347

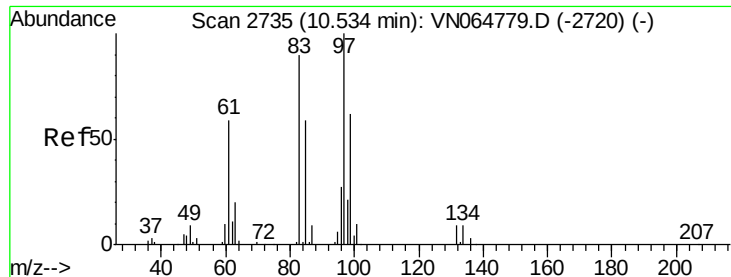
Ion Ratio Lower Upper

75 100

77 32.8 25.5 38.3

39 44.3 35.6 53.4

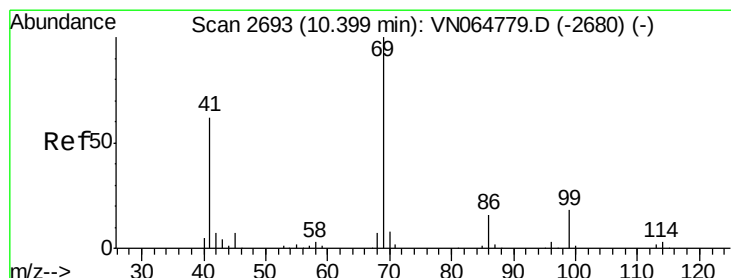
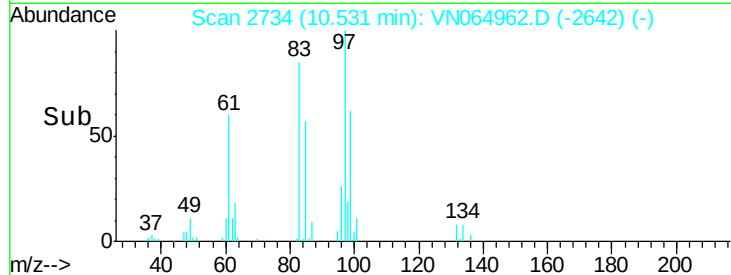
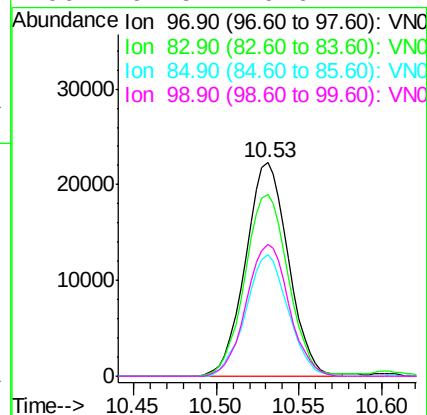
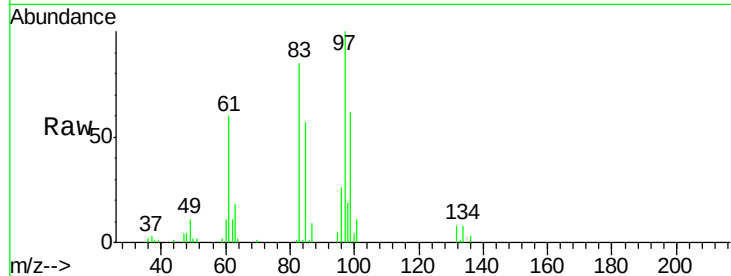




#55
 1,1,2-Trichloroethane
 Concen: 18.562 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

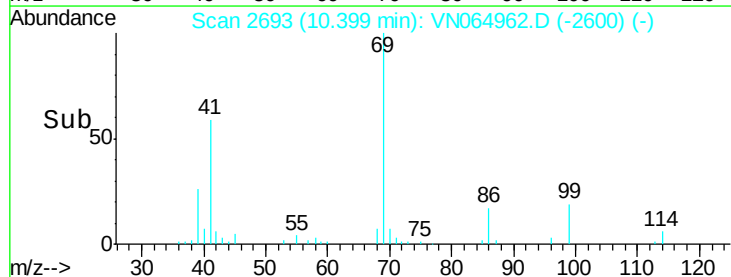
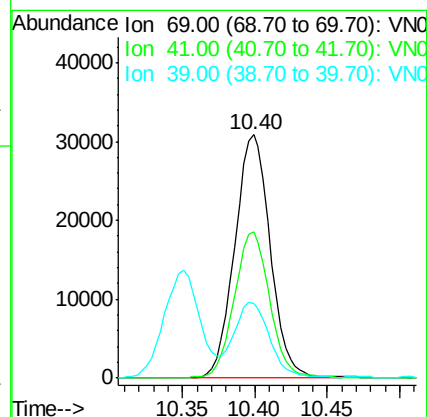
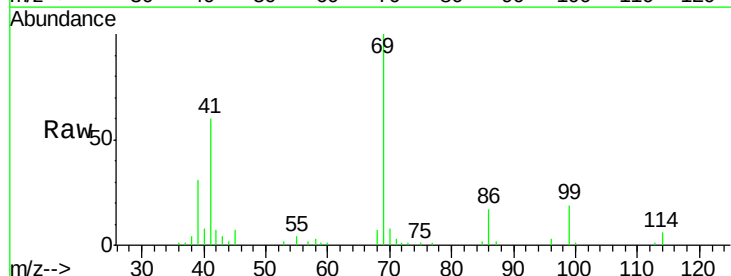
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

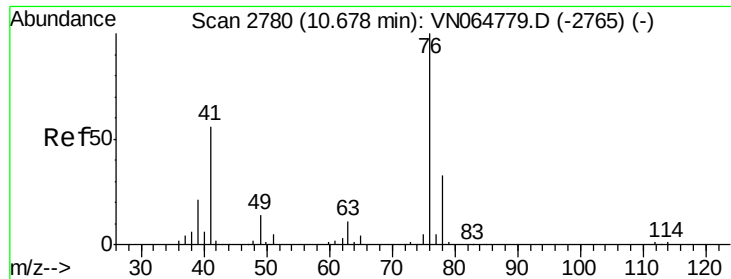
Tgt Ion: 97 Resp: 40182
 Ion Ratio Lower Upper
 97 100
 83 84.9 72.1 108.1
 85 56.7 46.8 70.2
 99 61.5 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 17.601 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion: 69 Resp: 52578
 Ion Ratio Lower Upper
 69 100
 41 60.1 49.4 74.0
 39 29.8 25.9 38.9

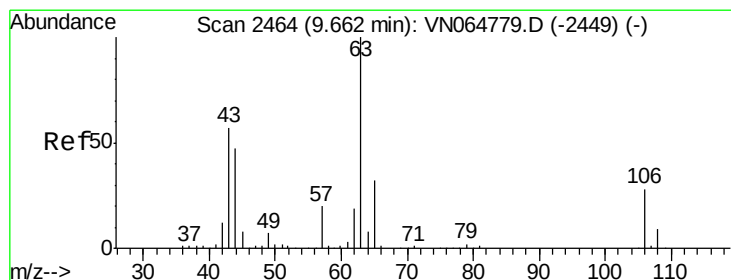
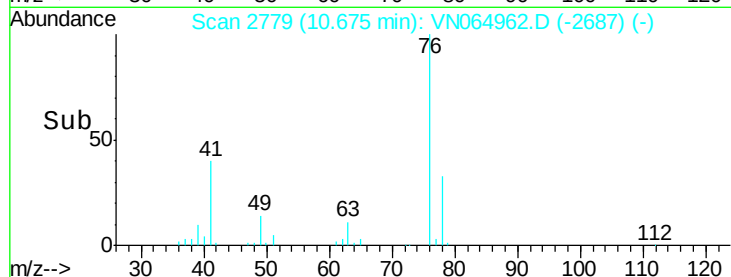
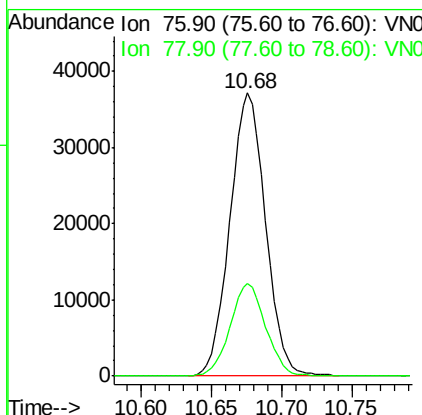
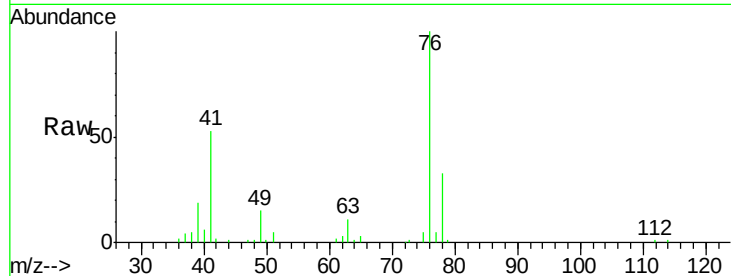




#57
 1,3-Dichloropropane
 Concen: 18.411 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

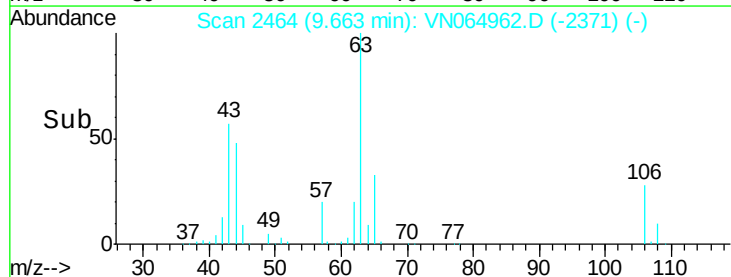
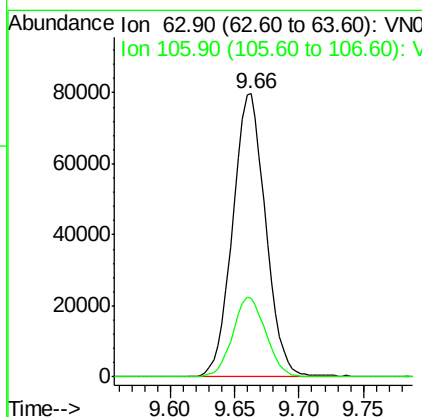
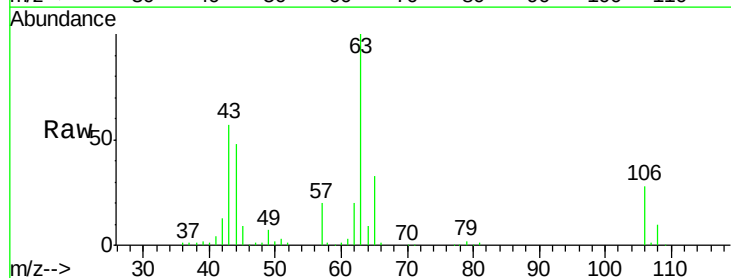
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

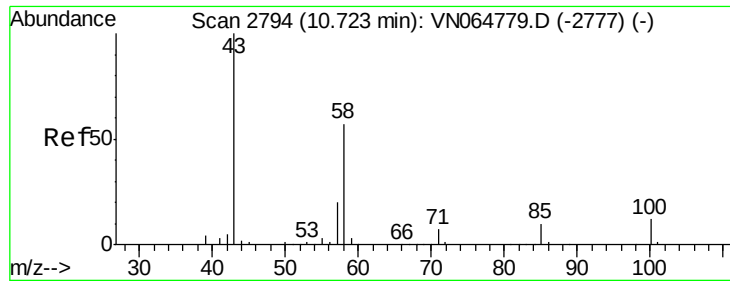
Tgt Ion: 76 Resp: 65743
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.419 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion: 63 Resp: 142006
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.7 34.1

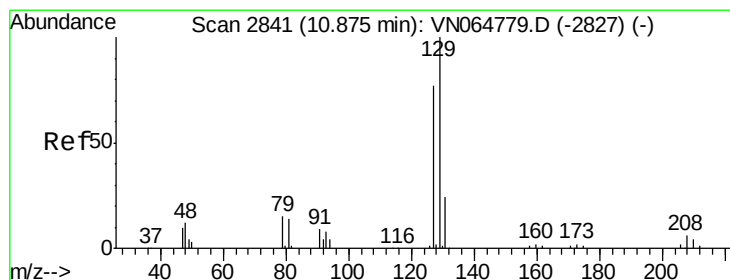
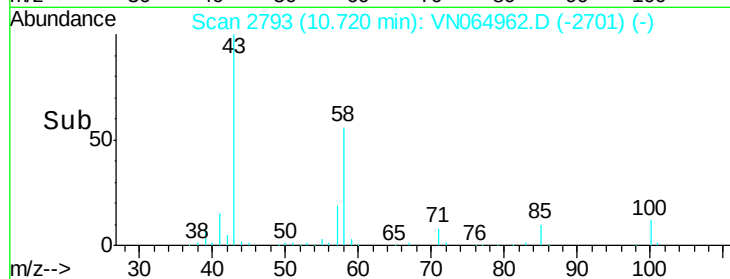
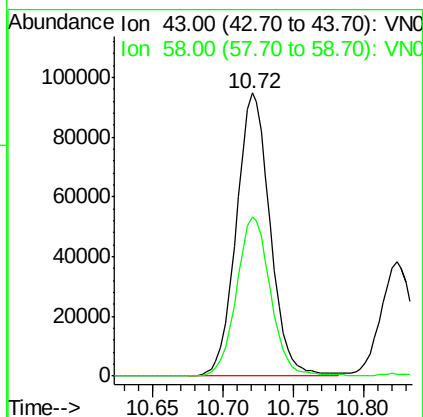
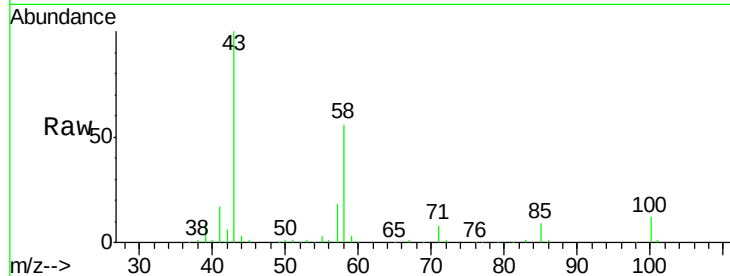




#59
2-Hexanone
Concen: 85.266 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

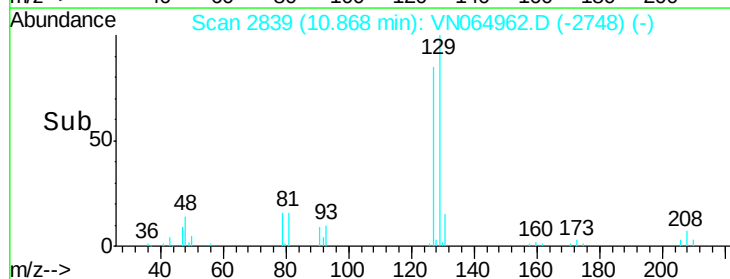
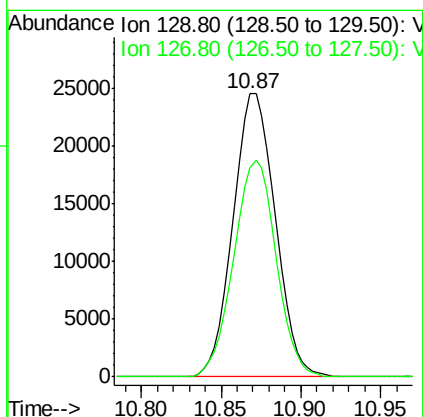
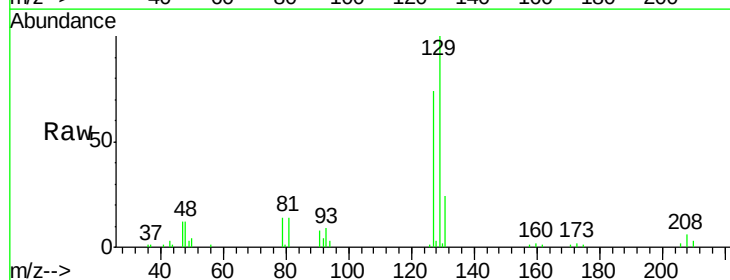
Instrument :
MSVOA_N
ClientSampled :
VN1208WBSD01

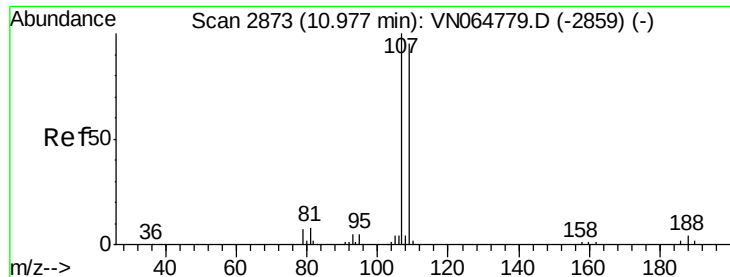
Tgt Ion: 43 Resp: 159294
Ion Ratio Lower Upper
43 100
58 56.7 28.3 84.9



#60
Dibromochloromethane
Concen: 18.353 ug/l
RT: 10.87 min Scan# 2839
Delta R.T. -0.01 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 129 Resp: 44163
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2

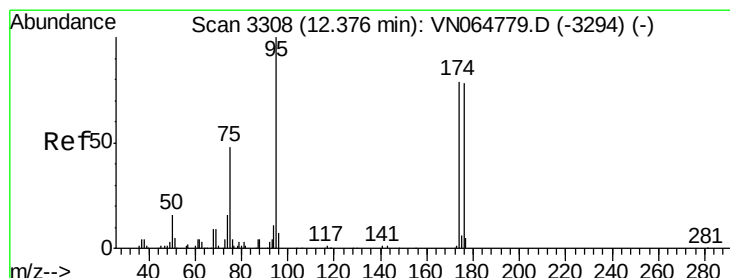
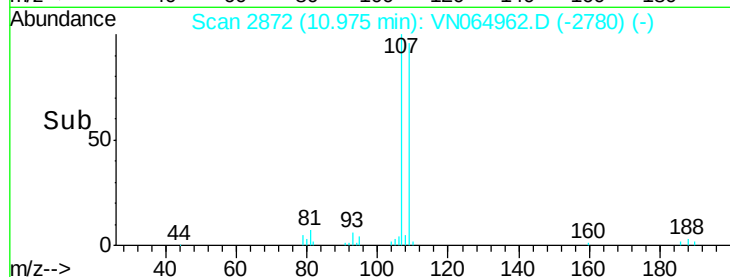
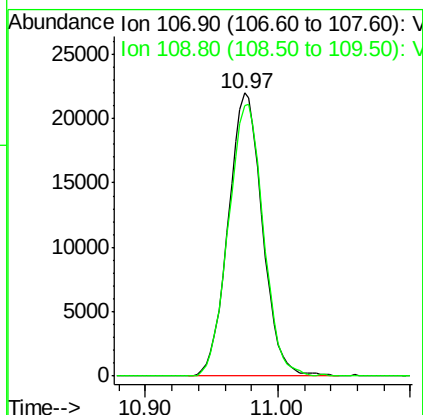
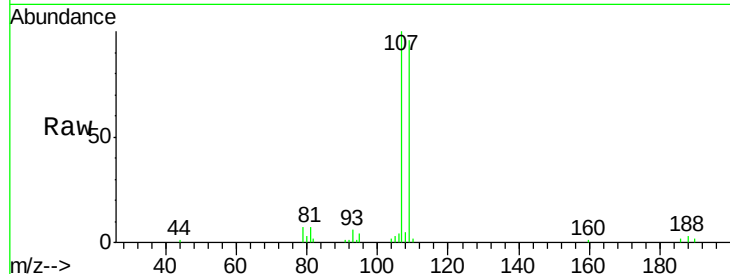




#61
 1,2-Dibromoethane
 Concen: 17.875 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

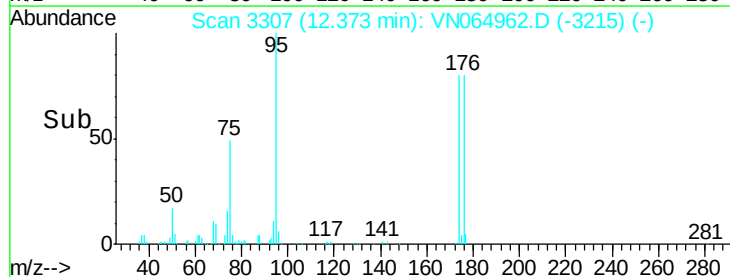
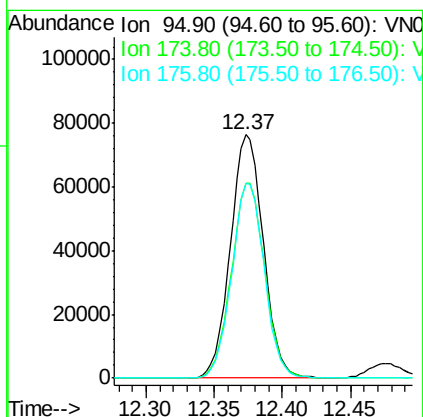
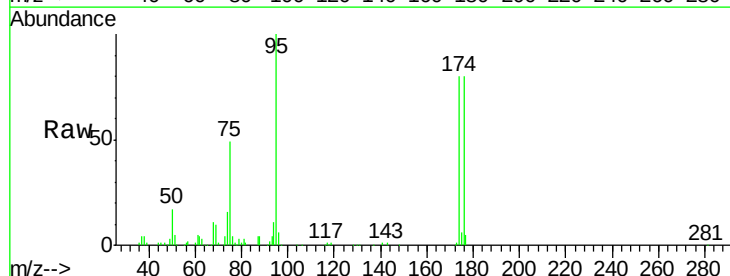
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

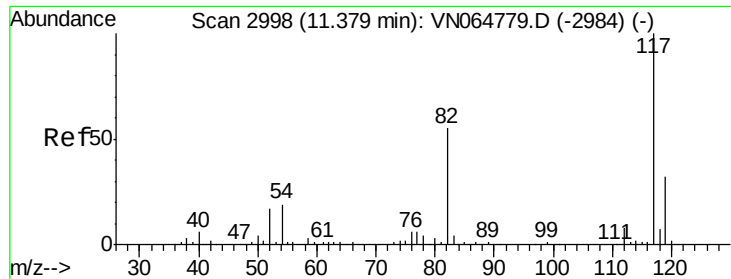
Tgt Ion: 107 Resp: 39314
 Ion Ratio Lower Upper
 107 100
 109 97.9 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 48.628 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion: 95 Resp: 128053
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 160.4
 176 79.1 0.0 158.4

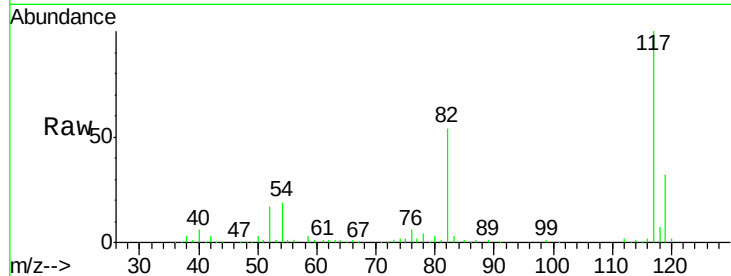




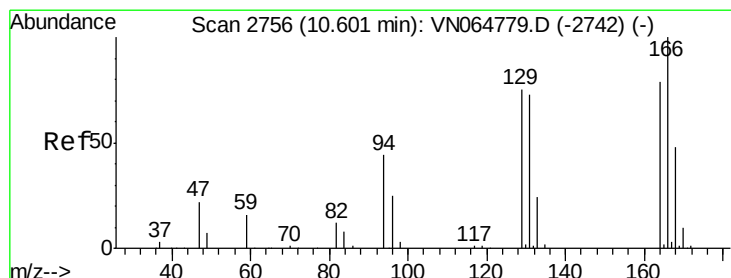
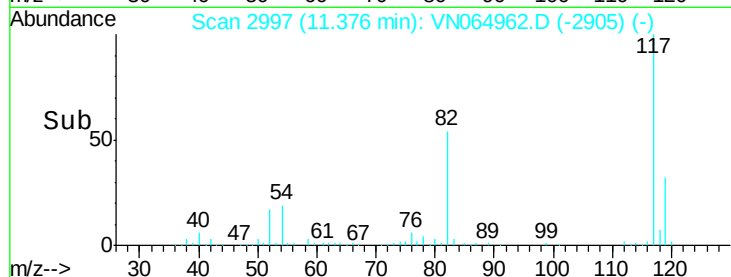
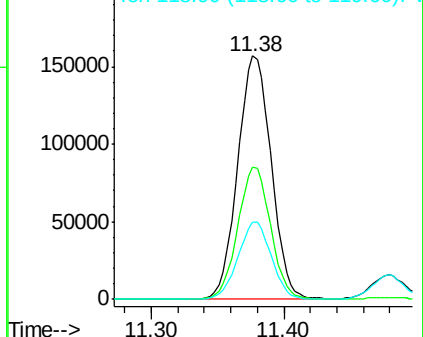
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tgt Ion:117 Resp: 276156
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 31.9 25.8 38.6



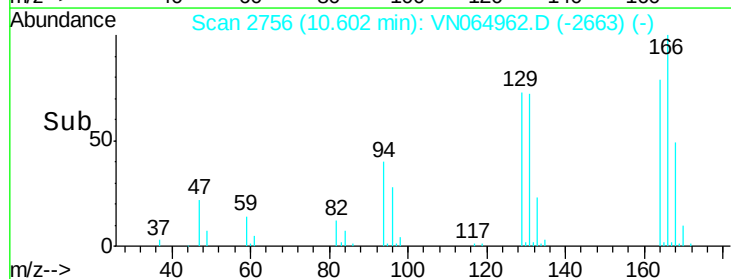
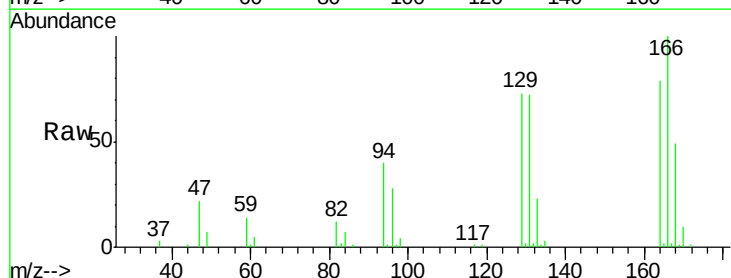
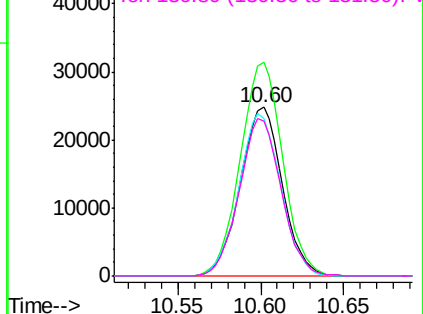
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

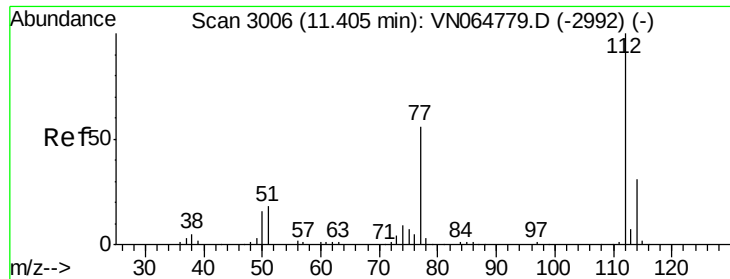


#64
Tetrachloroethene
Concen: 16.325 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion:164 Resp: 43861
Ion Ratio Lower Upper
164 100
166 126.8 101.4 152.0
129 93.1 76.1 114.1
131 91.6 74.2 111.2

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

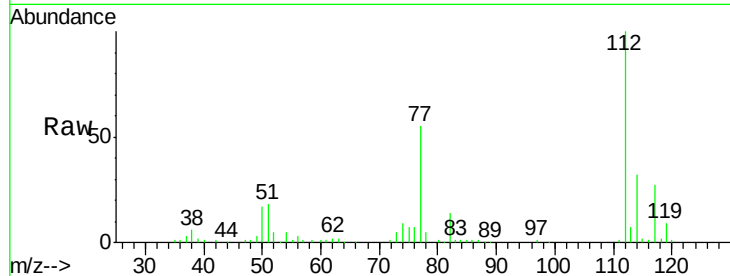




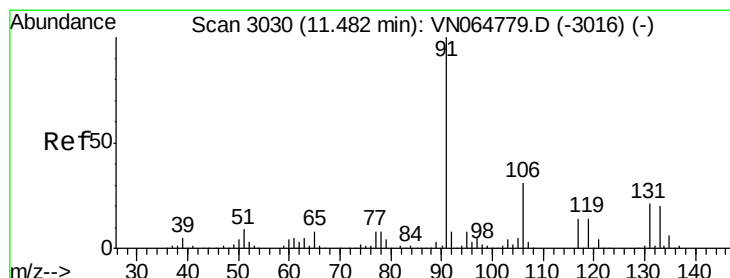
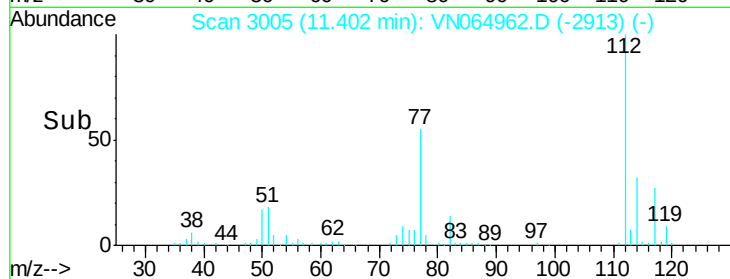
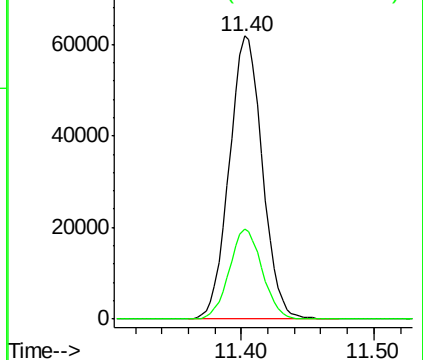
#65
Chlorobenzene
Concen: 18.048 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tgt Ion:112 Resp: 107034
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

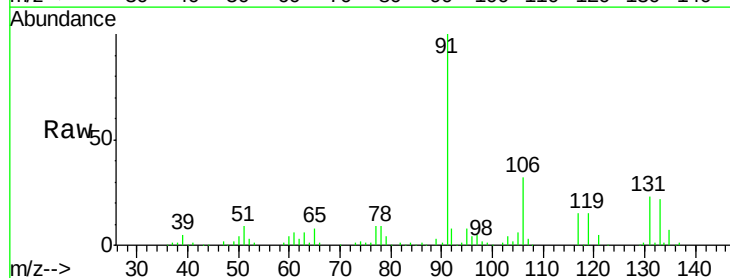


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

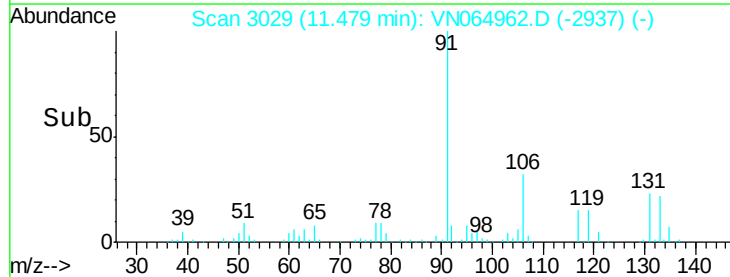
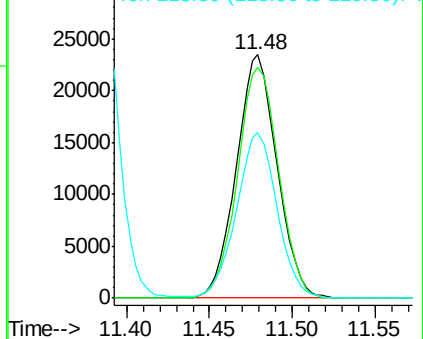


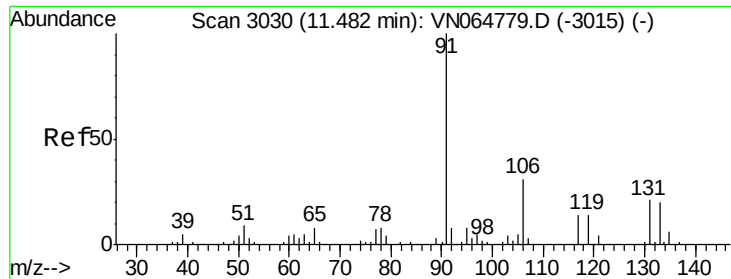
#66
1,1,1,2-Tetrachloroethane
Concen: 18.329 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion:131 Resp: 39946
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.5
119 68.1 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

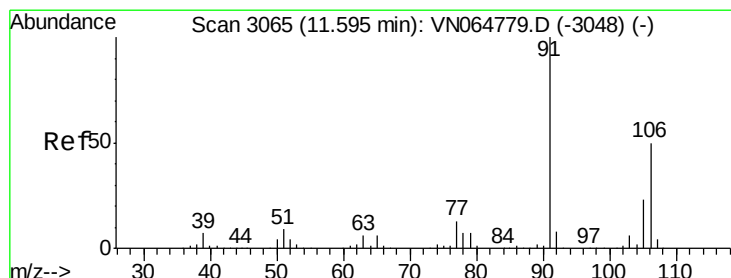
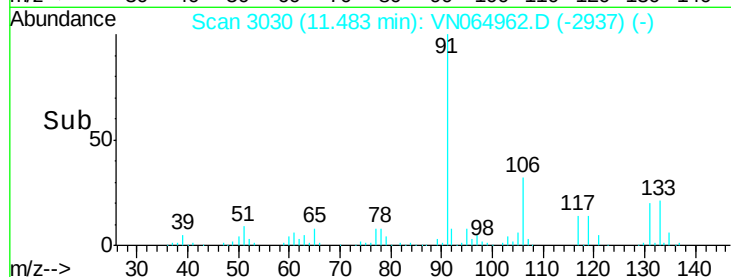
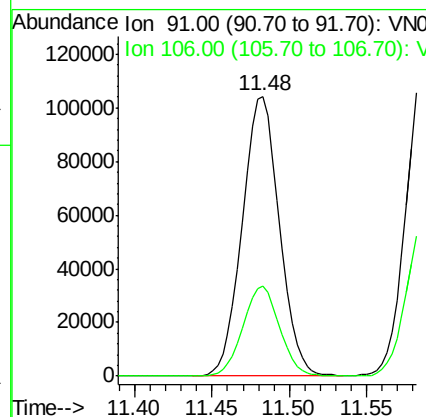
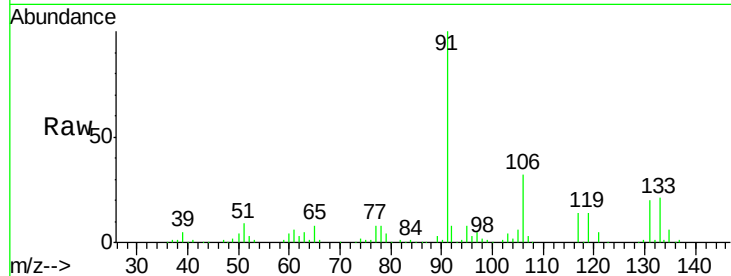




#67
Ethyl Benzene
Concen: 17.601 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

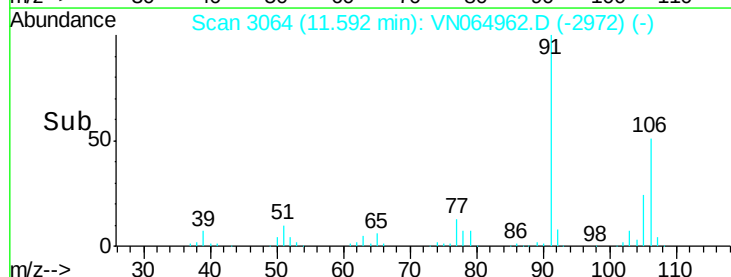
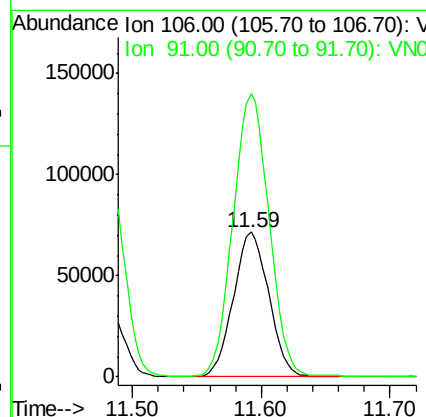
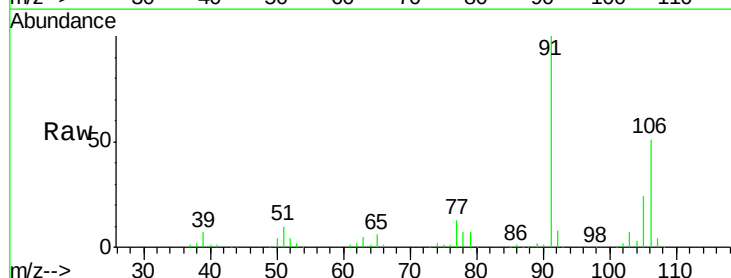
Instrument :
MSVOA_N
ClientSampled :
VN1208WBSD01

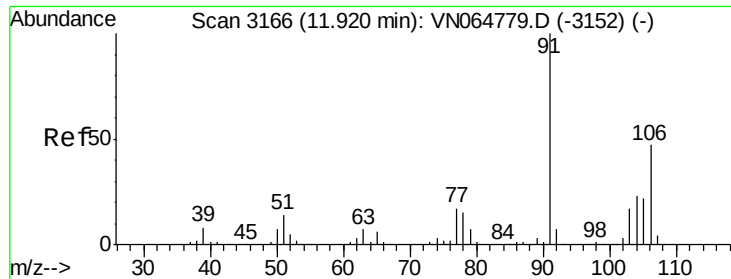
Tgt Ion: 91 Resp: 174377
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8



#68
m/p-Xylenes
Concen: 36.469 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 106 Resp: 136793
Ion Ratio Lower Upper
106 100
91 199.3 161.0 241.4

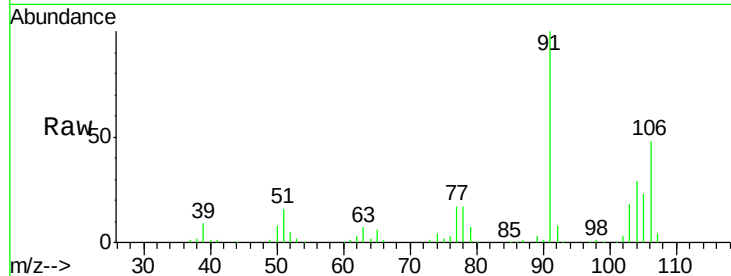




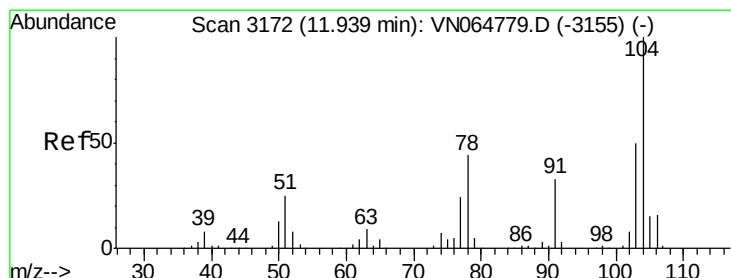
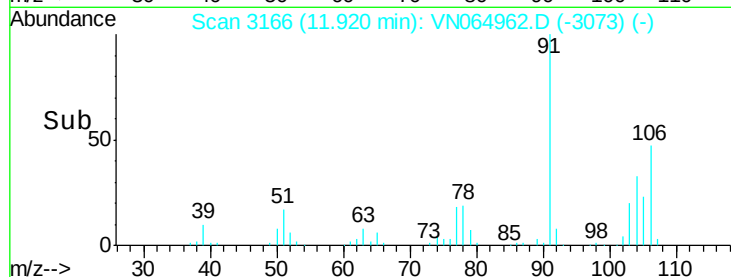
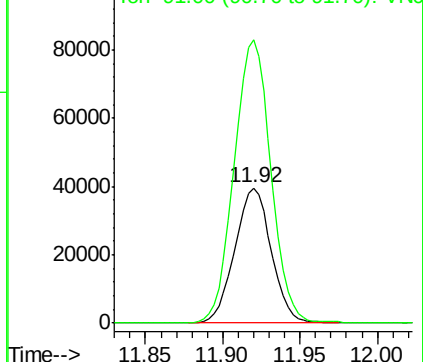
#69
o-Xylene
Concen: 18.188 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tgt Ion:106 Resp: 64739
Ion Ratio Lower Upper
106 100
91 211.9 105.5 316.5

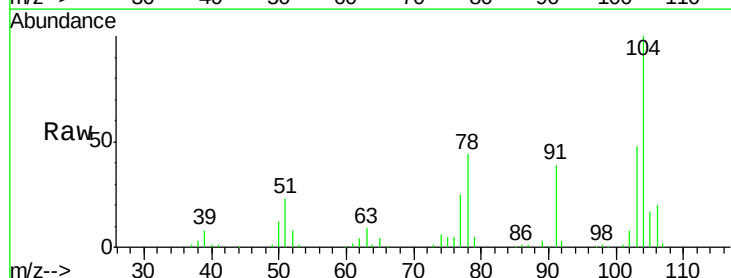


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

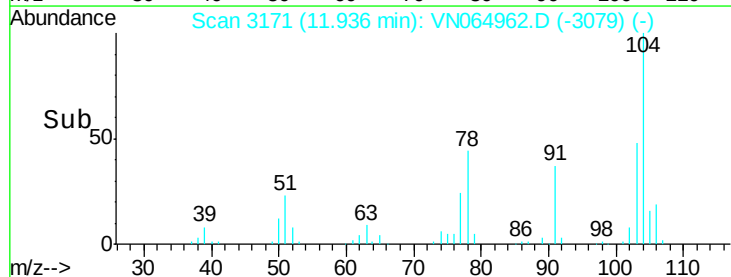
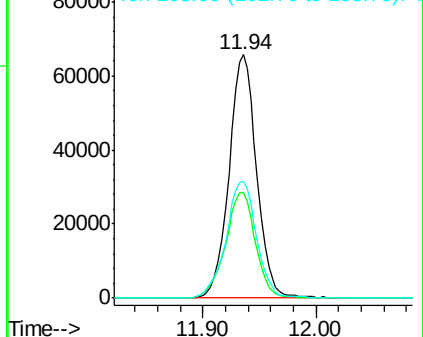


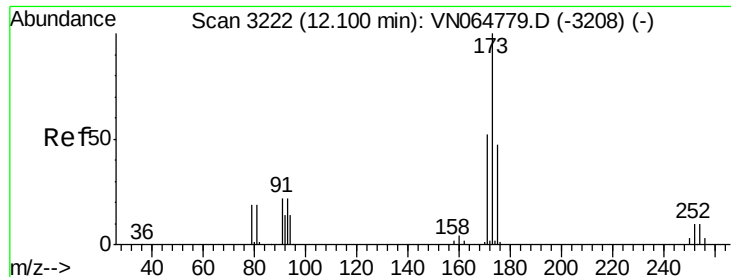
#70
Styrene
Concen: 18.469 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion:104 Resp: 110979
Ion Ratio Lower Upper
104 100
78 47.2 39.0 58.6
103 53.6 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.207 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampled :

VN1208WBSD01

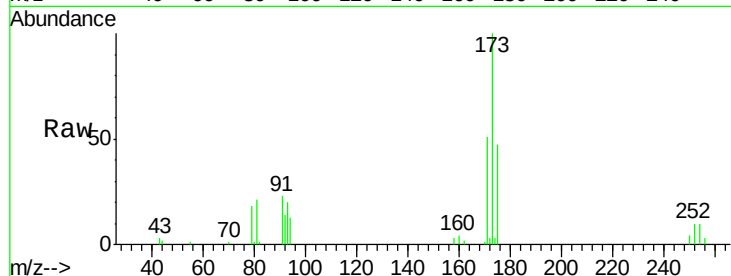
Tgt Ion:173 Resp: 29952

Ion Ratio Lower Upper

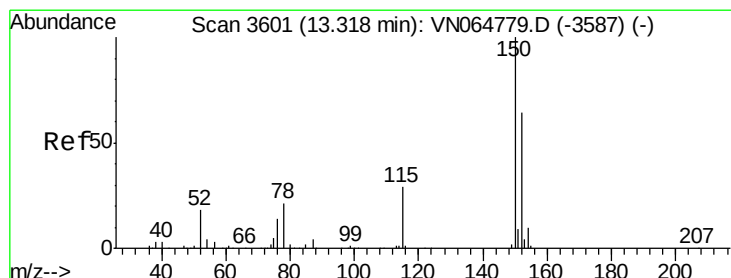
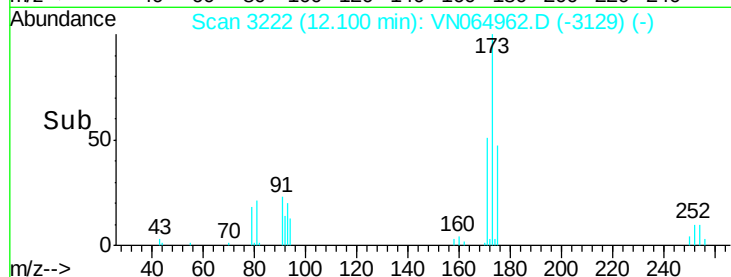
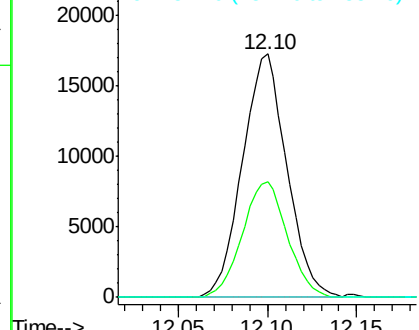
173 100

175 47.9 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

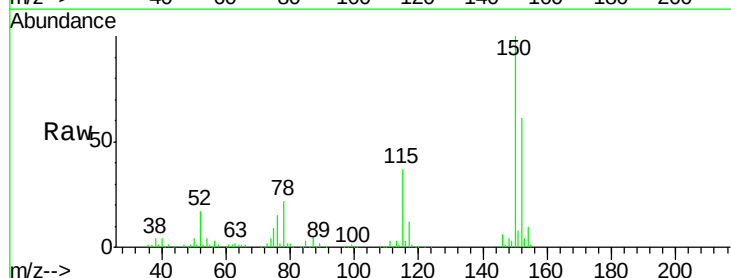
Tgt Ion:152 Resp: 130130

Ion Ratio Lower Upper

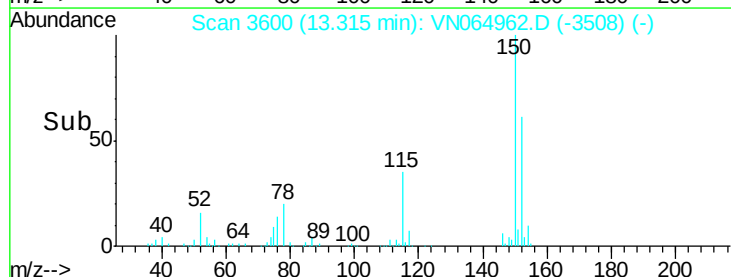
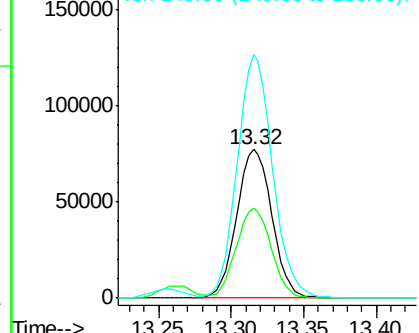
152 100

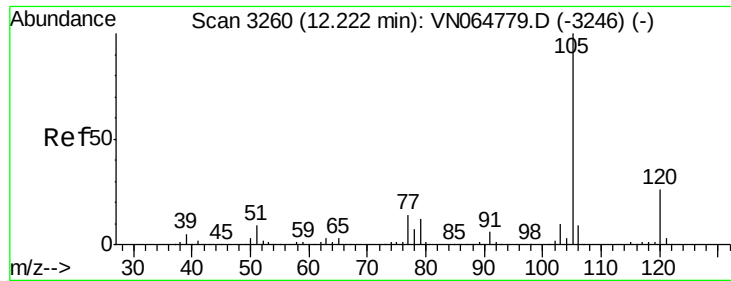
115 60.1 29.7 89.1

150 163.9 0.0 350.6



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





#73

Isopropylbenzene

Concen: 19.003 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

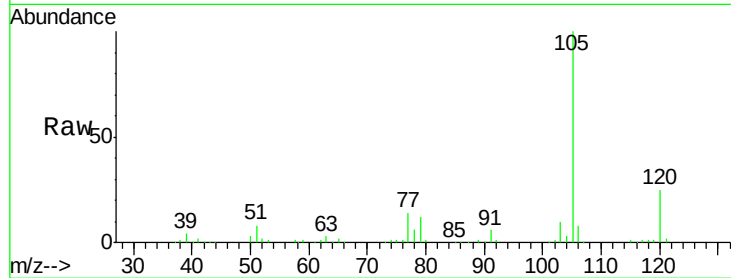
VN1208WBSD01

Tgt Ion: 105 Resp: 172001

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

120000

100000

80000

60000

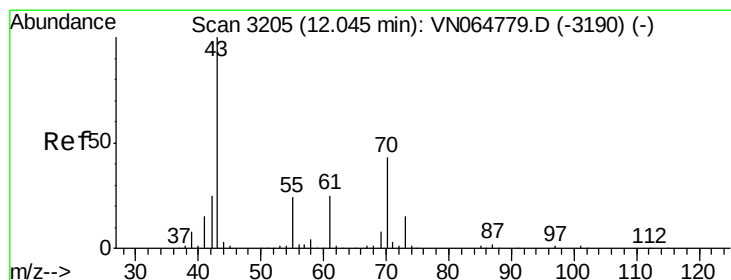
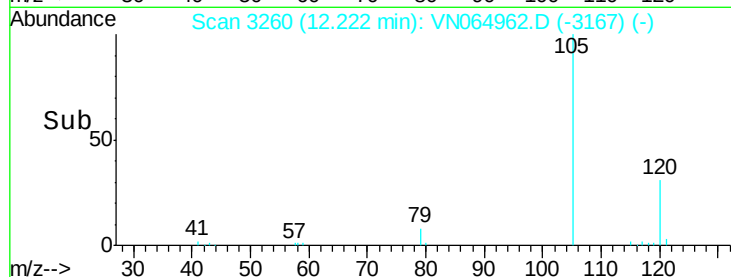
40000

20000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-amyl acetate

Concen: 16.777 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Tgt Ion: 43 Resp: 59760

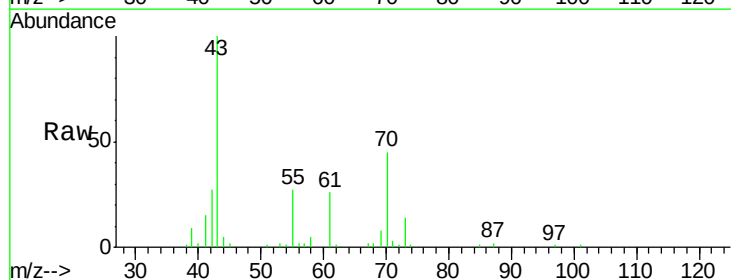
Ion Ratio Lower Upper

43 100

70 44.3 34.5 51.7

55 26.9 20.4 30.6

61 24.1 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

50000

40000

30000

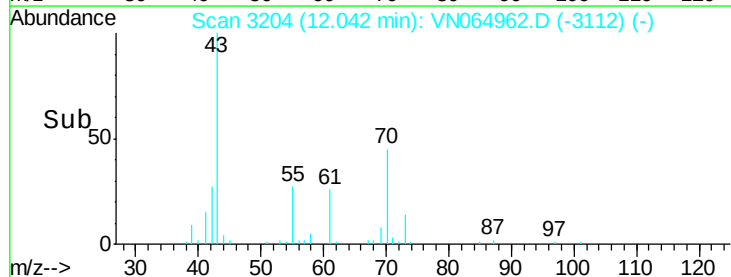
20000

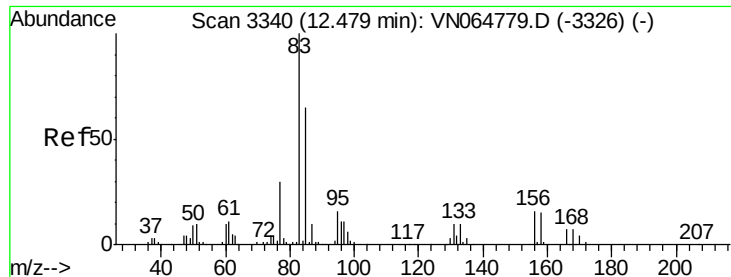
10000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.423 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampled :

VN1208WBSD01

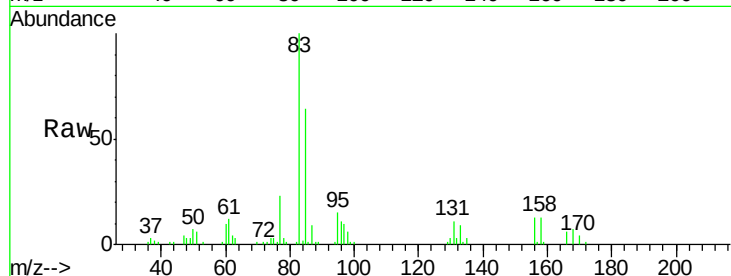
Tgt Ion: 83 Resp: 51530

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

85 65.2 33.0 99.0



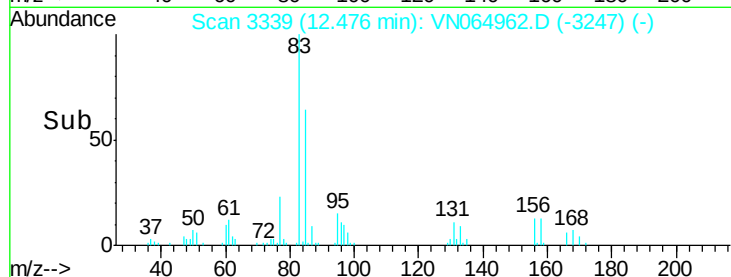
Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

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

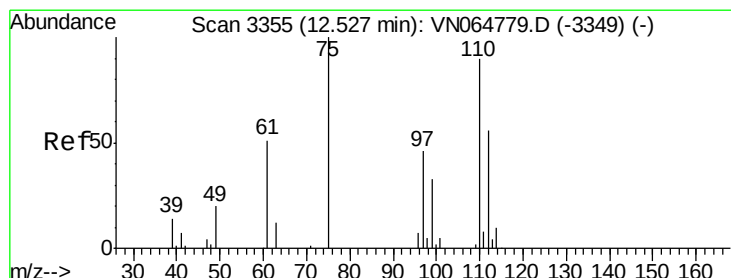
Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)

Time-->

12.48



Time-->



#76

1,2,3-Trichloropropane

Concen: 24.730 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064962.D

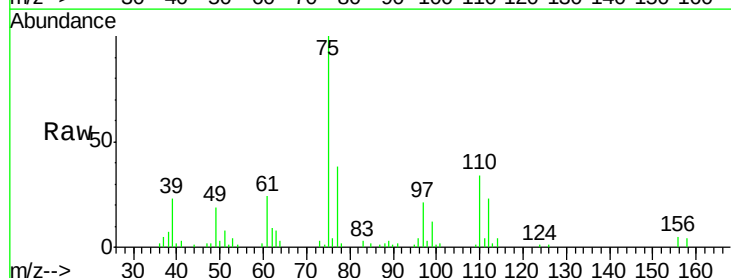
Acq: 8 Dec 2020 12:13

Tgt Ion: 75 Resp: 69305

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

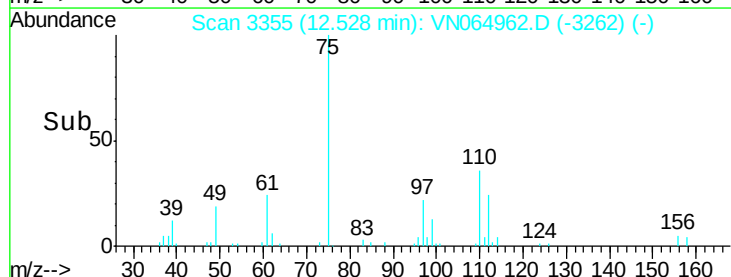


Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

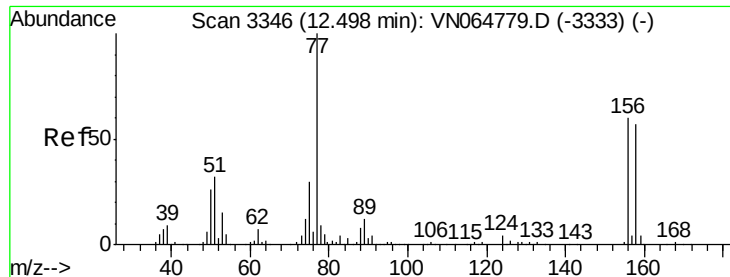
Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)

Time-->

12.53



Time-->



#77

Bromobenzene

Concen: 18.595 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD01

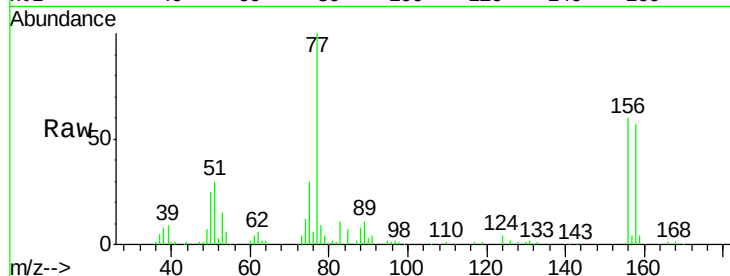
Tgt Ion:156 Resp: 45377

Ion Ratio Lower Upper

156 100

77 198.2 101.3 303.7

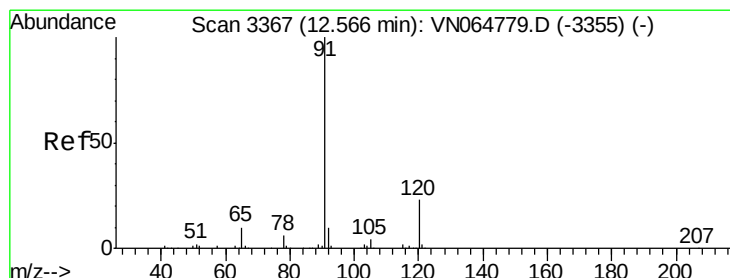
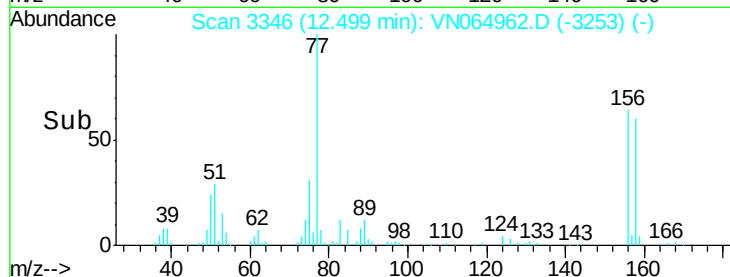
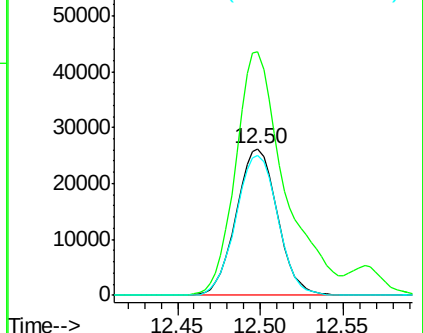
158 97.0 48.2 144.6



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: 18.474 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064962.D

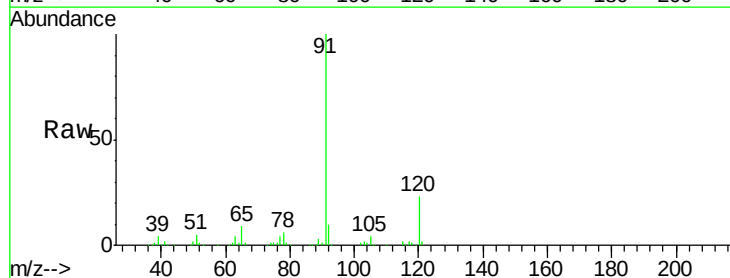
Acq: 8 Dec 2020 12:13

Tgt Ion: 91 Resp: 190491

Ion Ratio Lower Upper

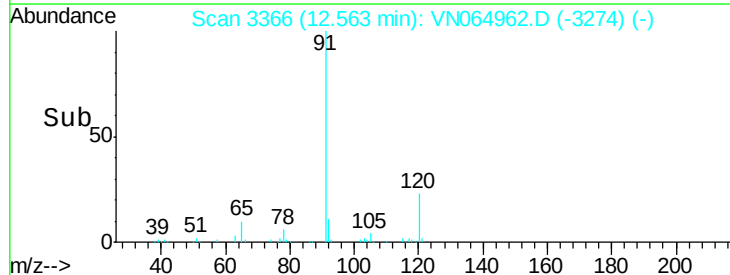
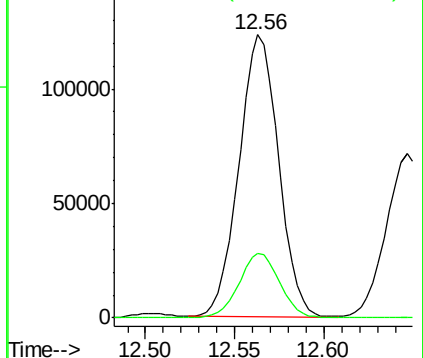
91 100

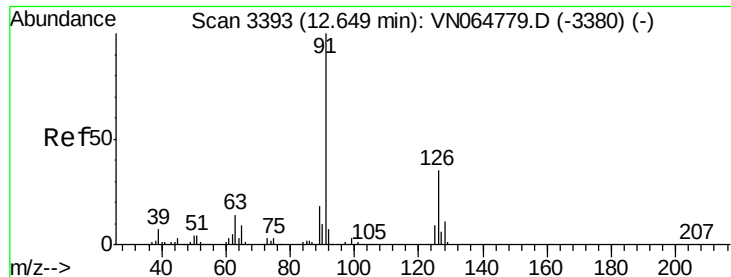
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.347 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

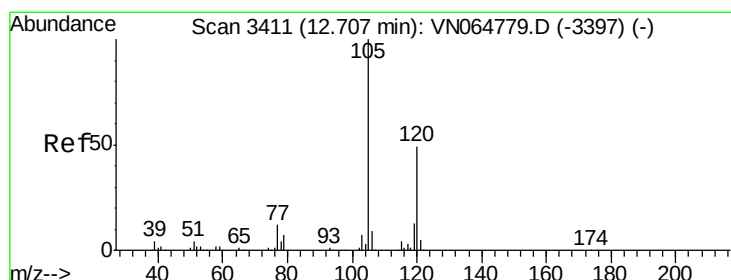
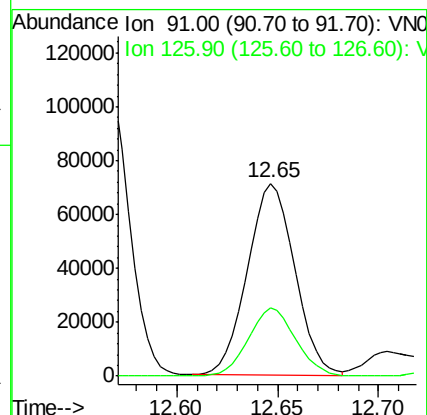
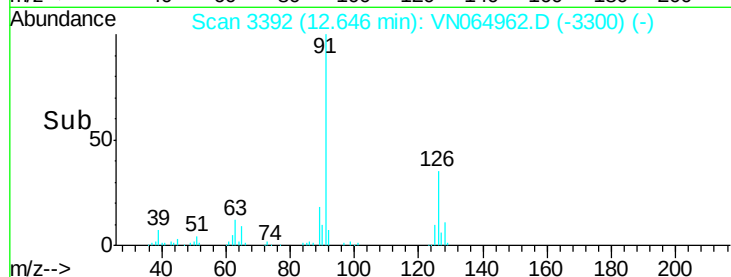
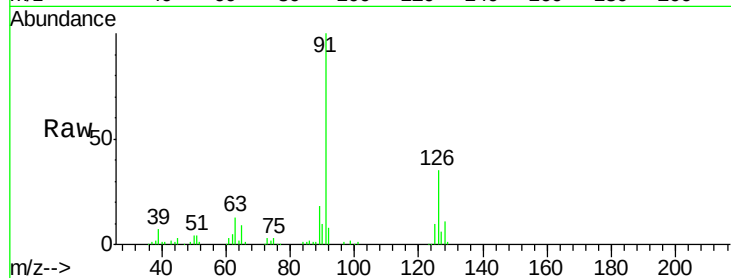
VN1208WBSD01

Tgt Ion: 91 Resp: 116941

Ion Ratio Lower Upper

91 100

126 35.5 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.101 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064962.D

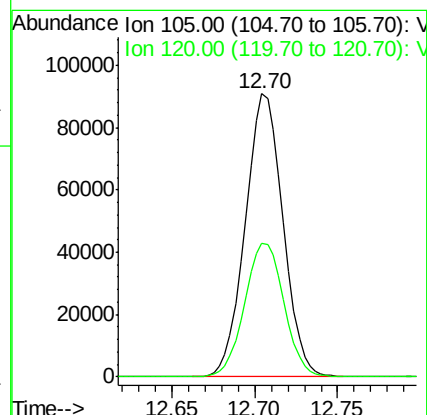
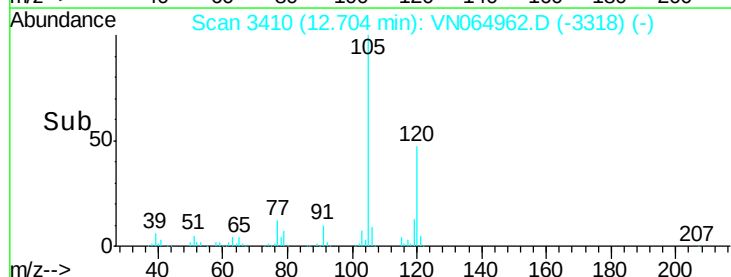
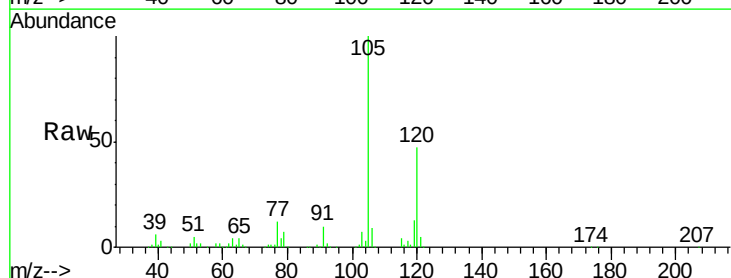
Acq: 8 Dec 2020 12:13

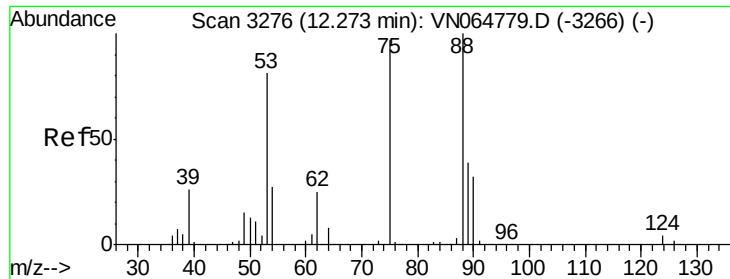
Tgt Ion: 105 Resp: 143704

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.6

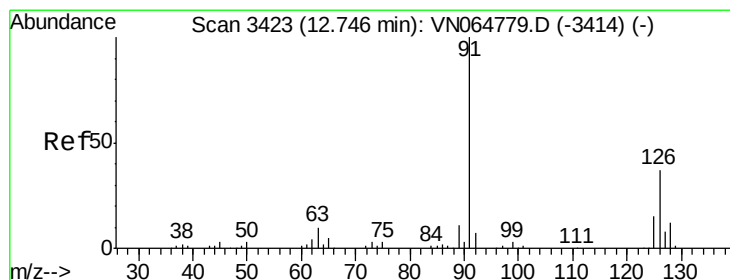
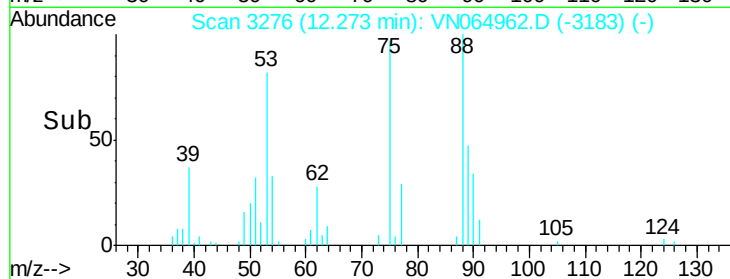
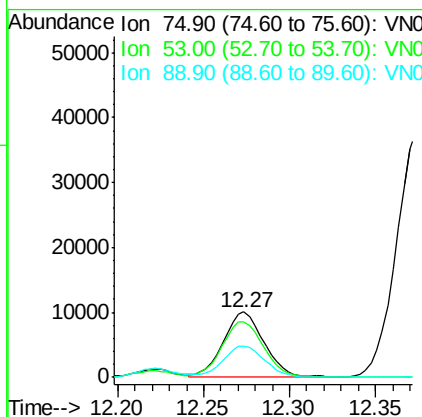
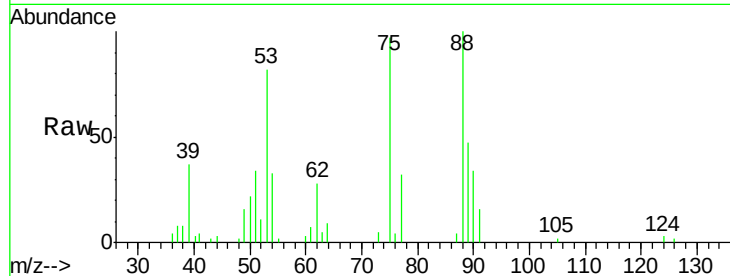




#81
trans-1,4-Dichloro-2-butene
Concen: 16.415 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

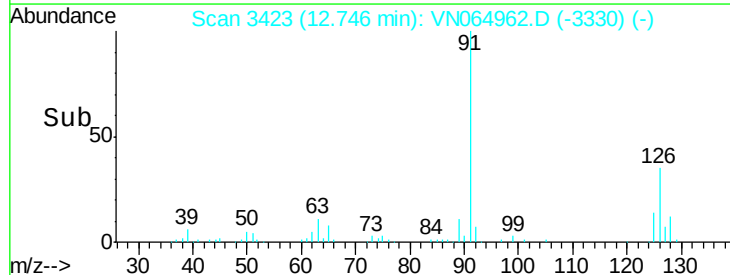
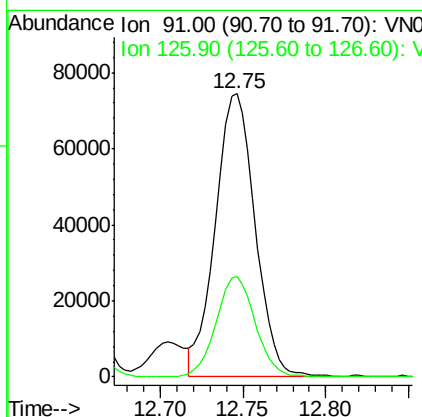
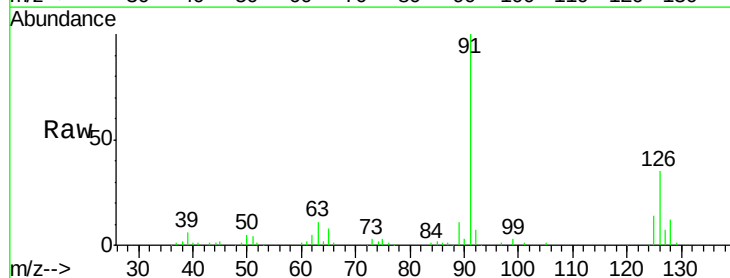
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

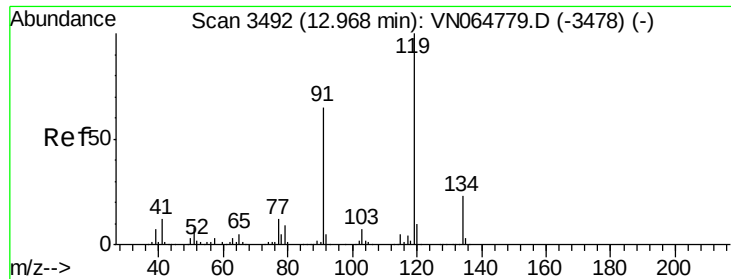
Tgt Ion: 75 Resp: 16785
Ion Ratio Lower Upper
75 100
53 86.7 67.0 100.4
89 48.8 39.6 59.4



#82
4-Chlorotoluene
Concen: 18.400 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 91 Resp: 122929
Ion Ratio Lower Upper
91 100
126 35.2 16.9 50.7

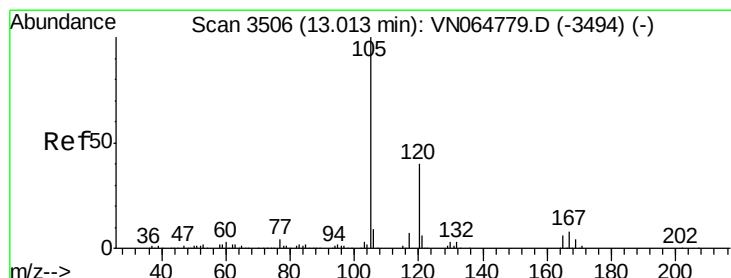
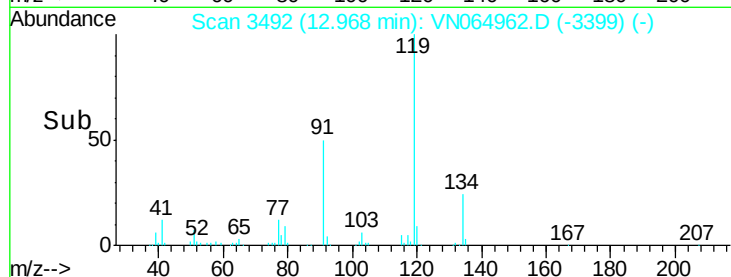
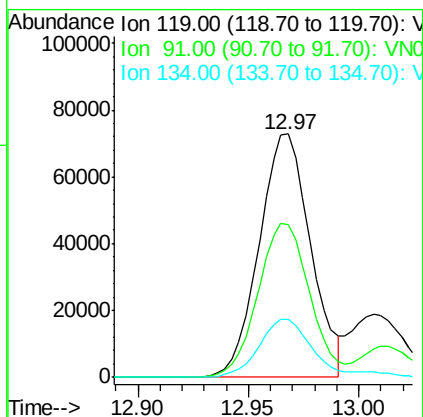
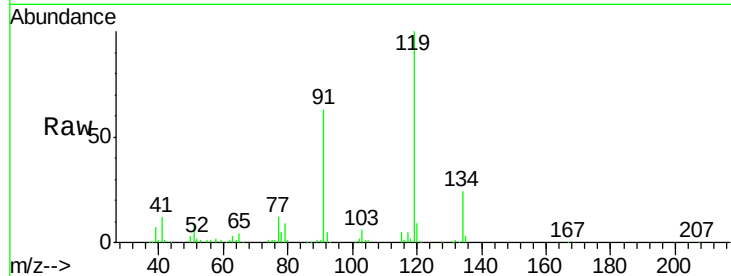




#83
 tert-Butylbenzene
 Concen: 18.672 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

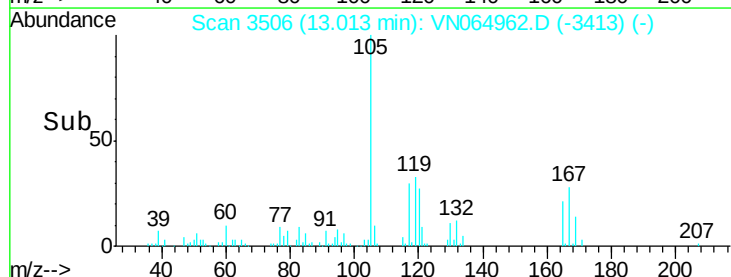
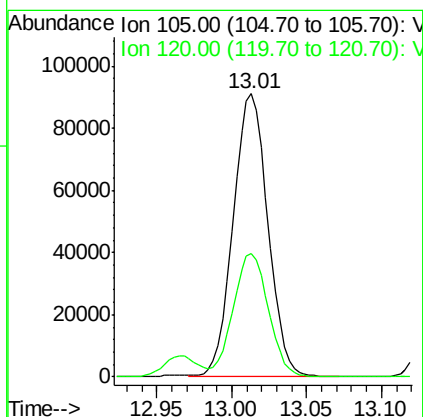
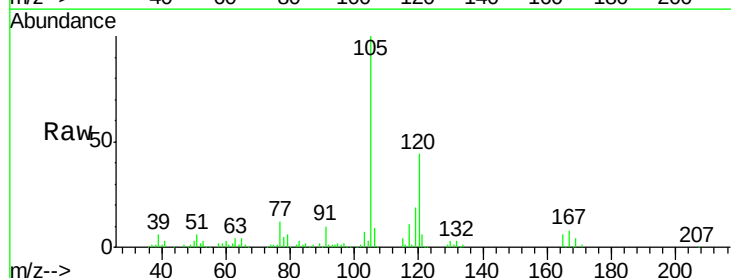
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

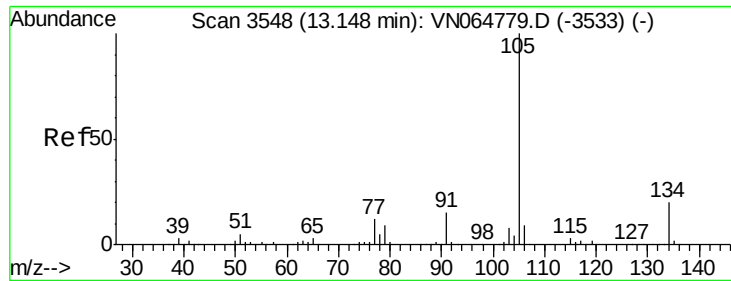
Tgt Ion:119 Resp: 117750
 Ion Ratio Lower Upper
 119 100
 91 63.5 32.3 96.8
 134 25.7 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.259 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion:105 Resp: 146500
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 17.794 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

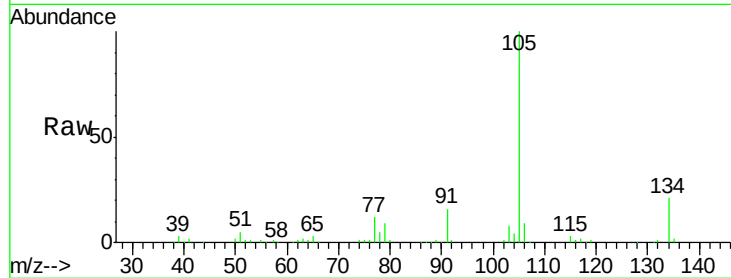
VN1208WBSD01

Tgt Ion:105 Resp: 148991

Ion Ratio Lower Upper

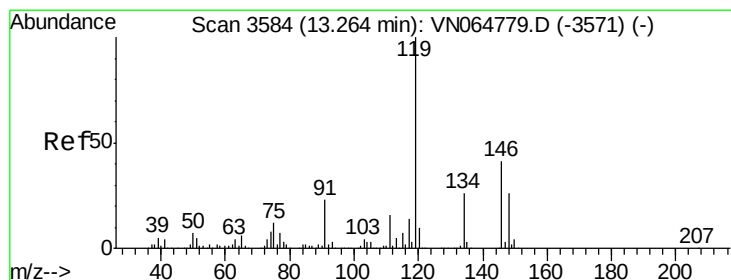
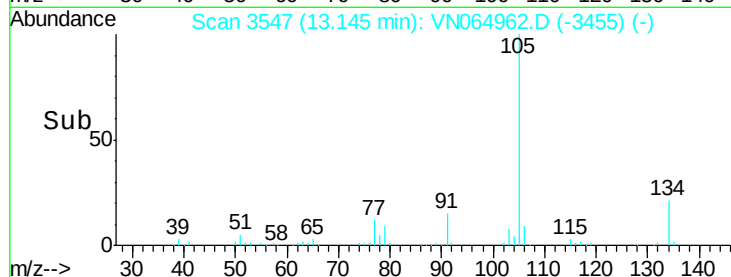
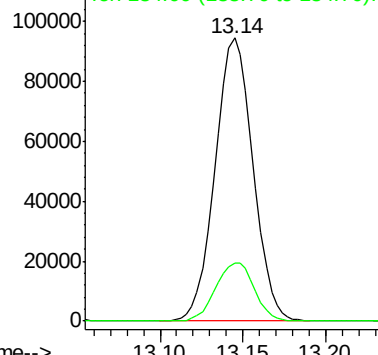
105 100

134 21.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.191 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

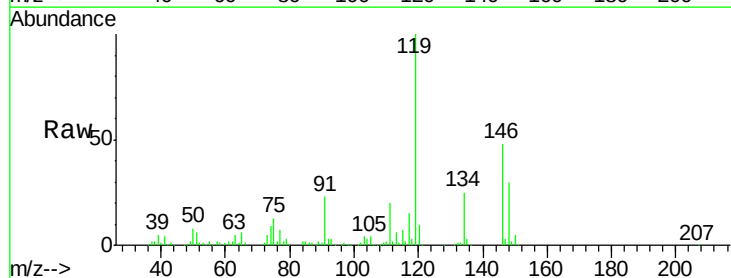
Tgt Ion:119 Resp: 138668

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

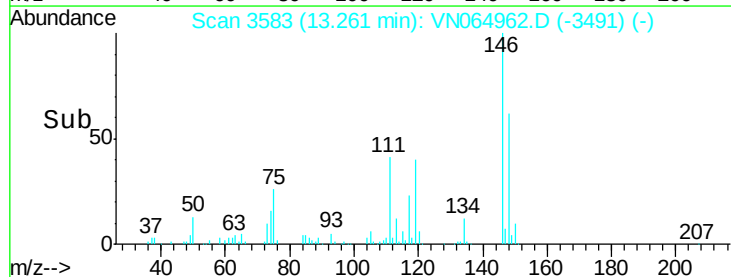
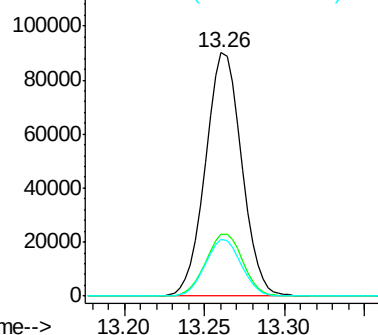
91 23.1 11.5 34.5

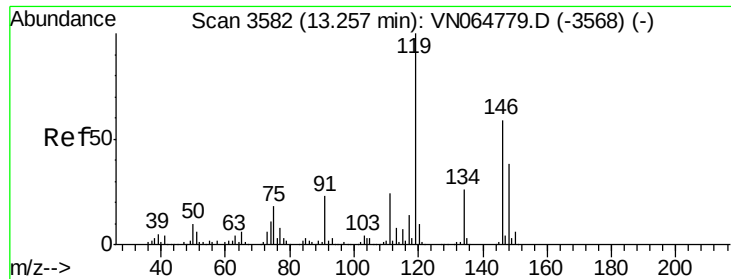


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

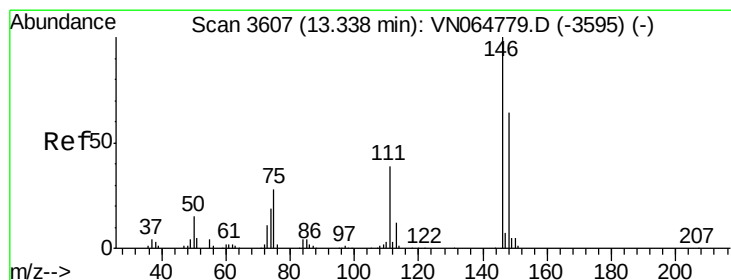
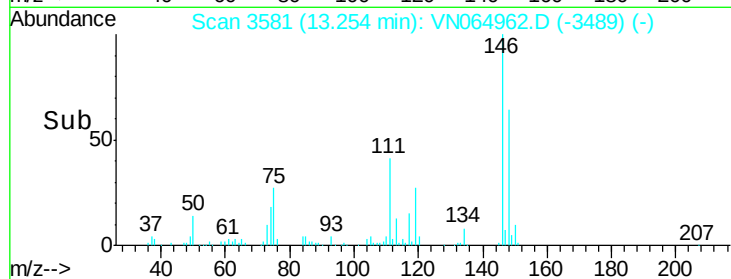
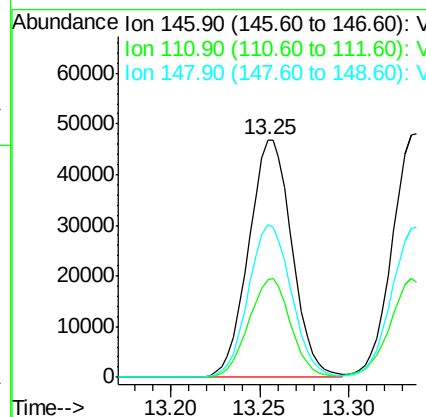
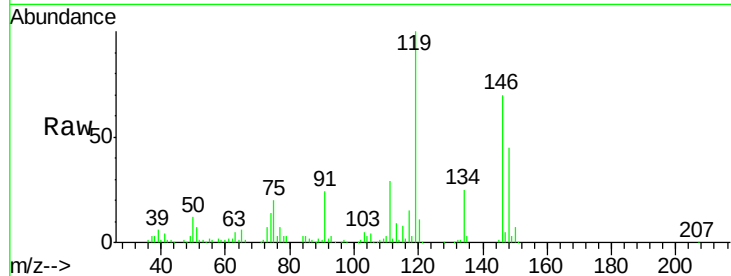




#87
 1,3-Dichlorobenzene
 Concen: 18.387 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

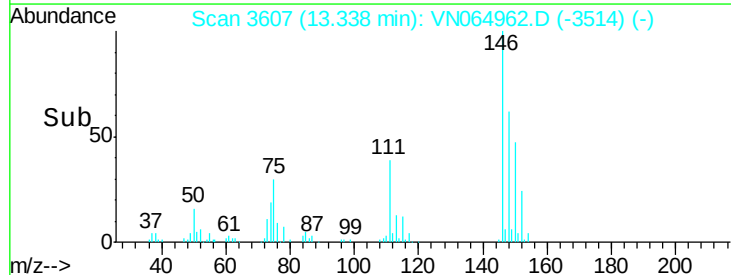
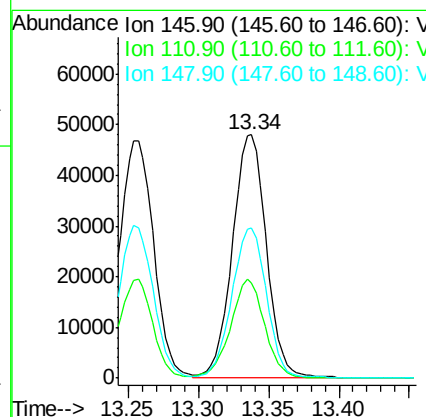
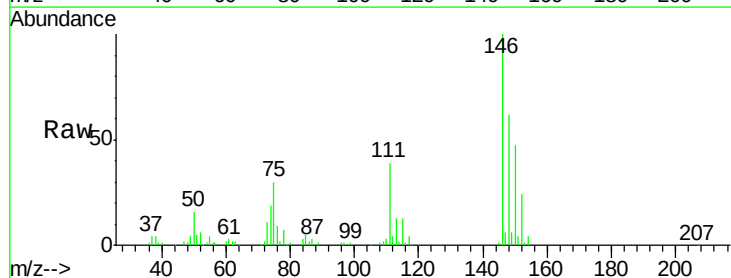
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

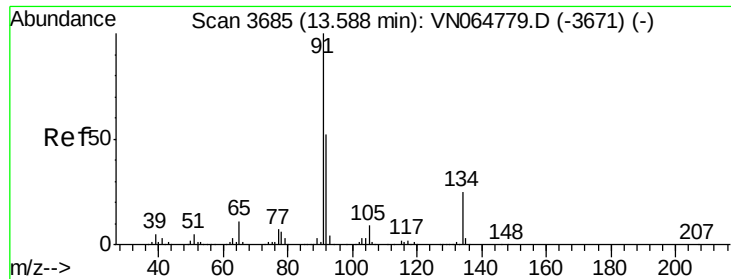
Tgt Ion:146 Resp: 79718
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.9
 148 63.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 17.687 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion:146 Resp: 81094
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.8 59.3
 148 63.1 31.9 95.5

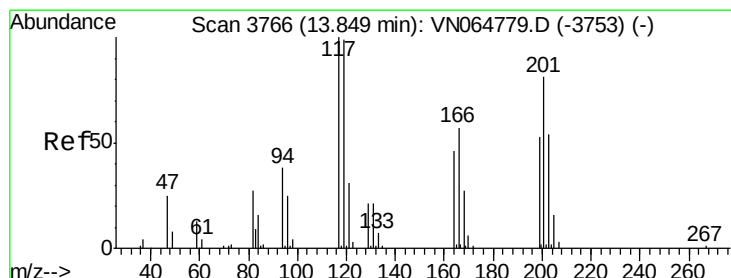
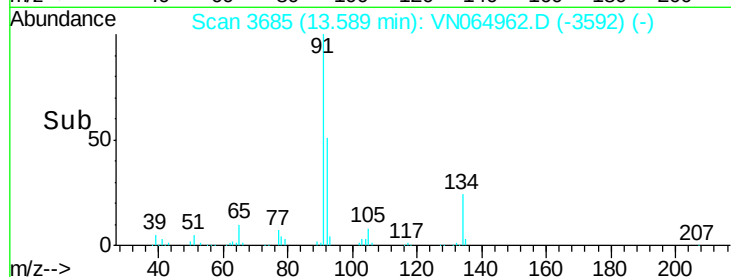
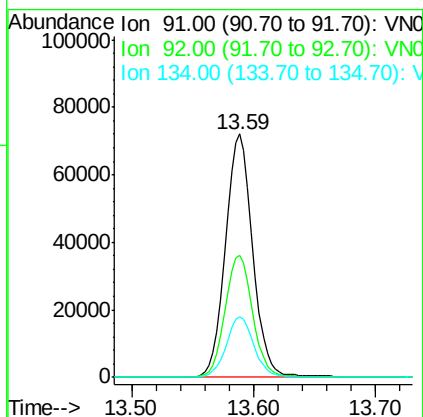
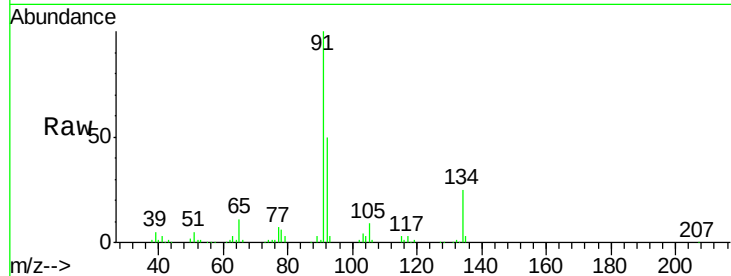




#89
n-Butylbenzene
Concen: 16.878 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

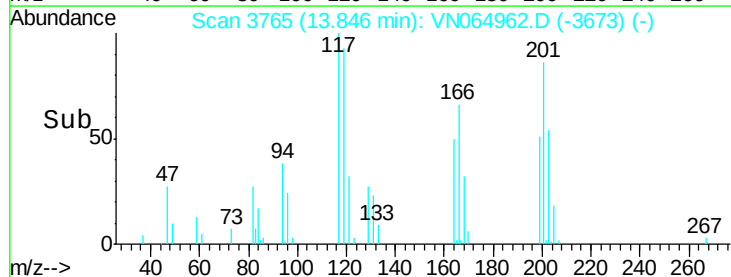
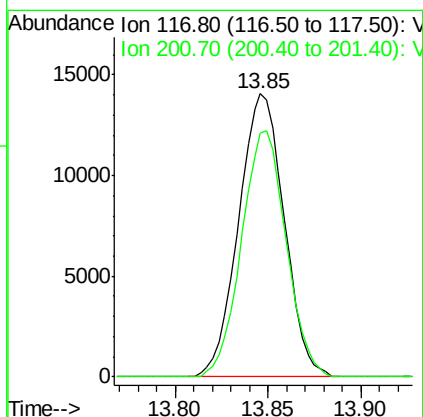
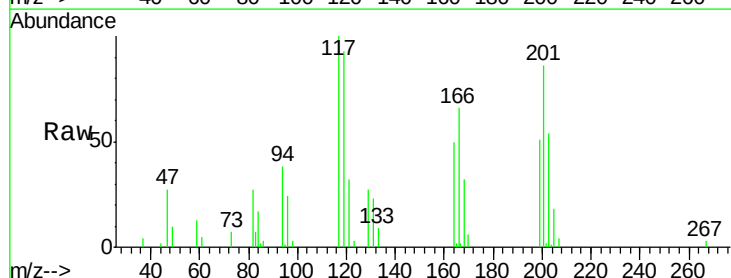
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

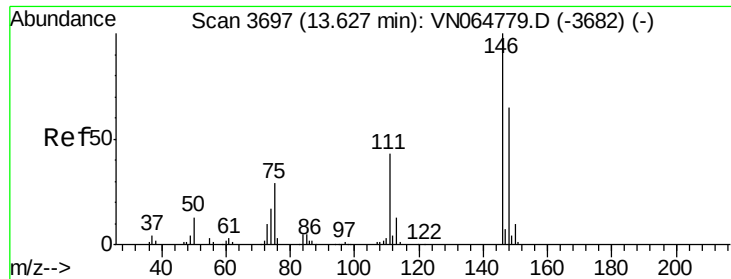
Tgt Ion: 91 Resp: 112989
Ion Ratio Lower Upper
91 100
92 50.8 26.0 78.0
134 25.2 12.9 38.6



#90
Hexachloroethane
Concen: 18.070 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 117 Resp: 23929
Ion Ratio Lower Upper
117 100
201 85.1 40.1 120.3

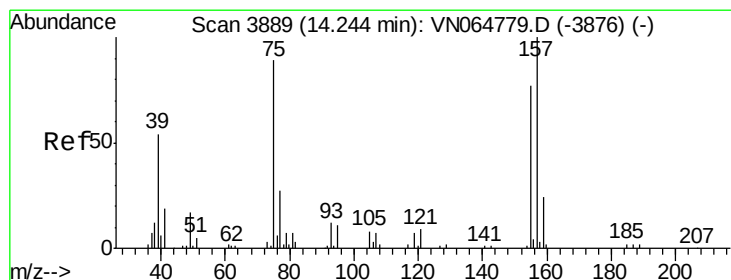
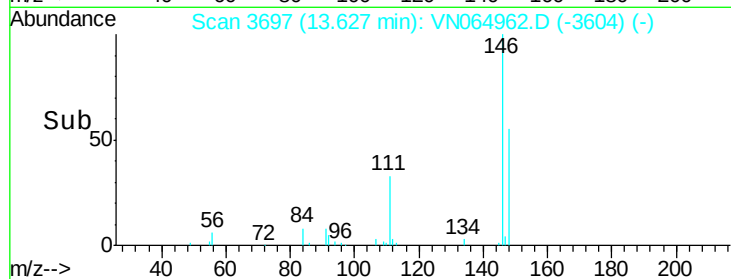
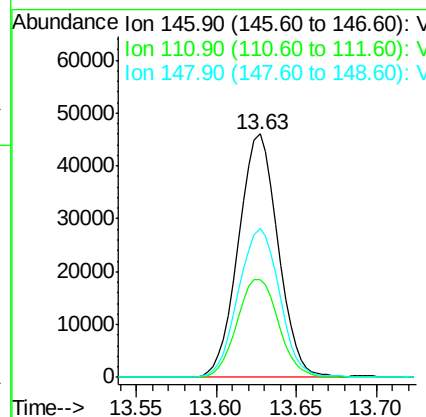
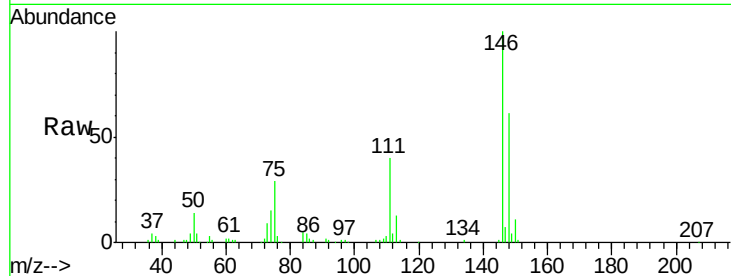




#91
 1,2-Dichlorobenzene
 Concen: 18.287 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

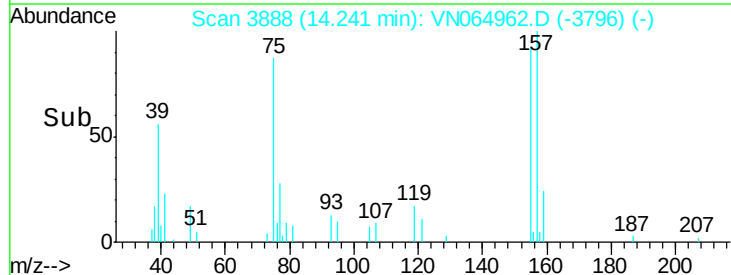
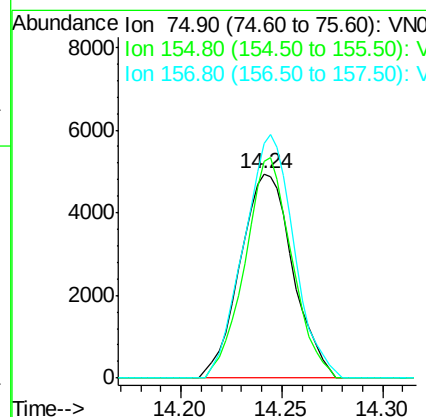
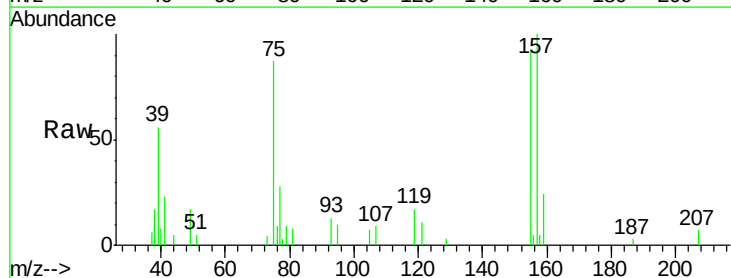
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

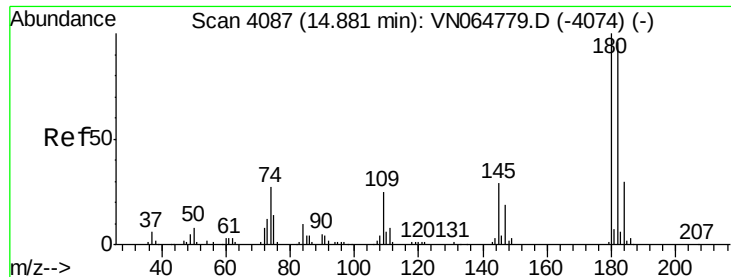
Tgt Ion: 146 Resp: 77846
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.1
 148 63.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.120 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion: 75 Resp: 9026
 Ion Ratio Lower Upper
 75 100
 155 96.2 42.8 128.3
 157 113.3 56.4 169.1

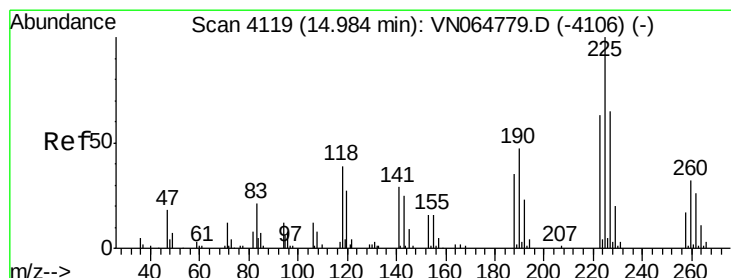
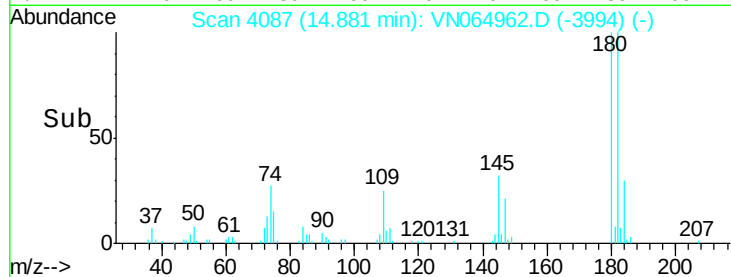
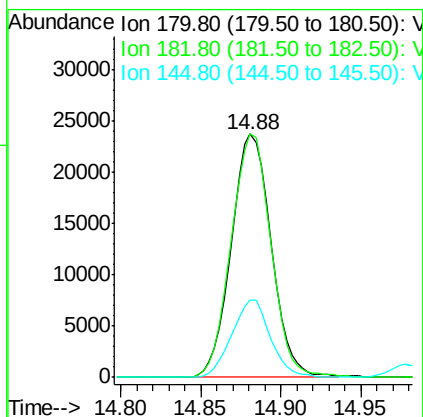
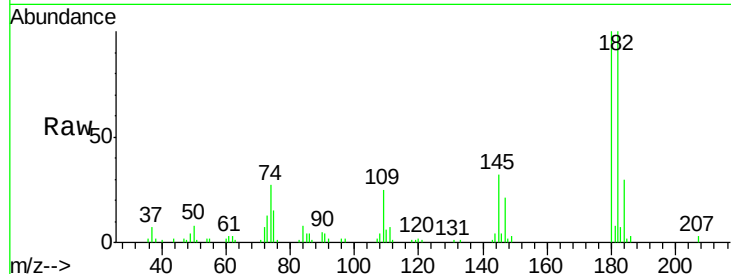




#93
 1,2,4-Trichlorobenzene
 Concen: 15.265 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

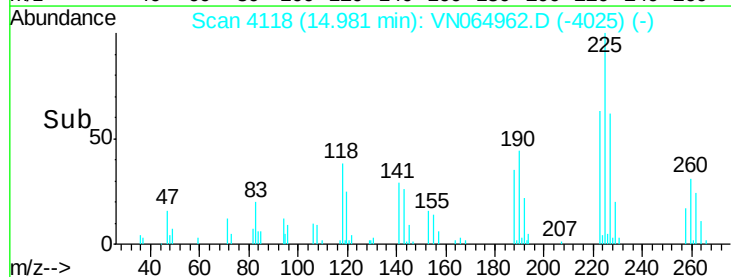
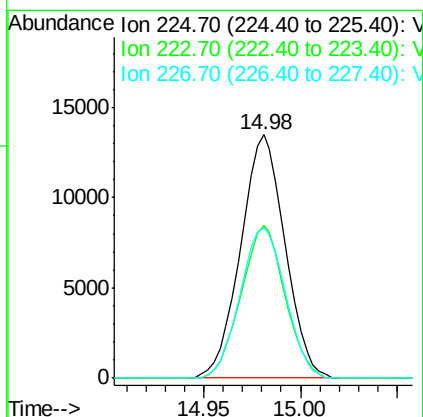
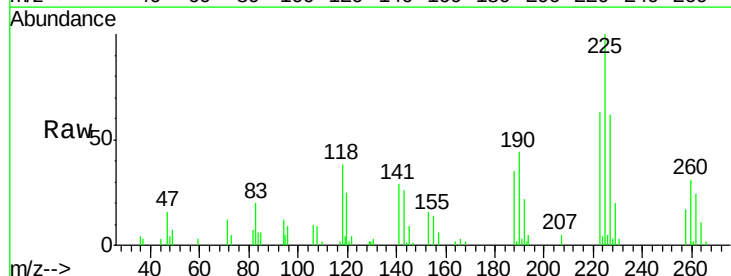
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

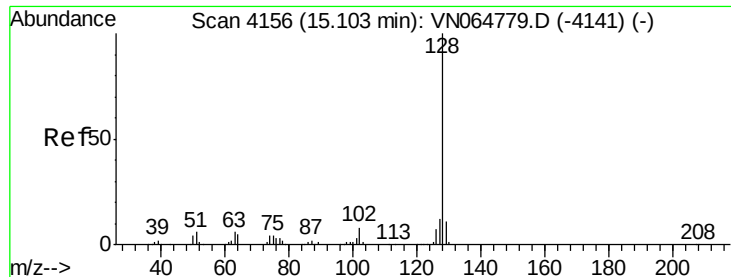
Tgt Ion:180 Resp: 40200
 Ion Ratio Lower Upper
 180 100
 182 100.2 47.6 142.9
 145 30.6 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 18.330 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion:225 Resp: 21455
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.0 93.0
 227 63.0 32.0 96.0

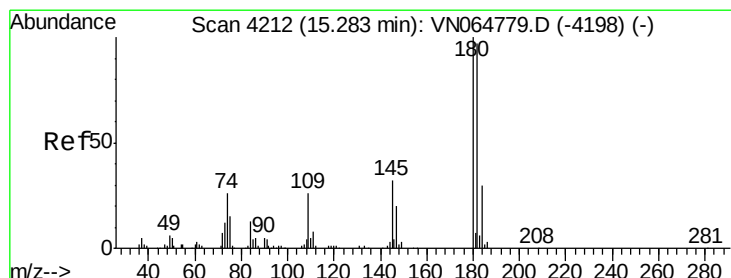
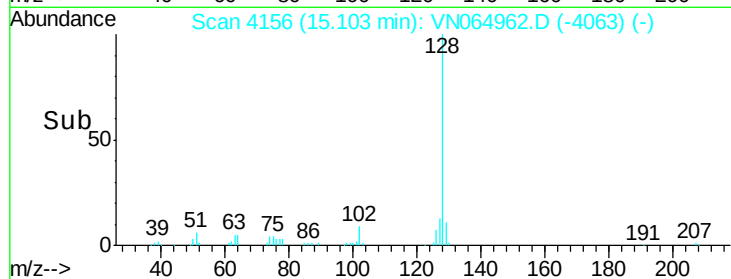
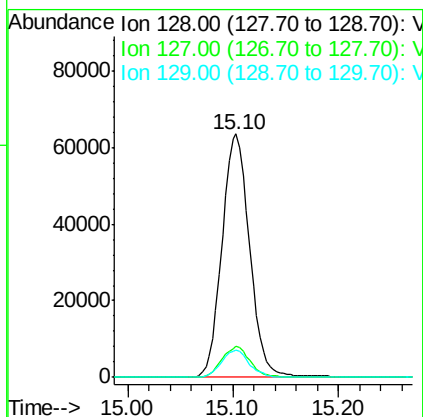
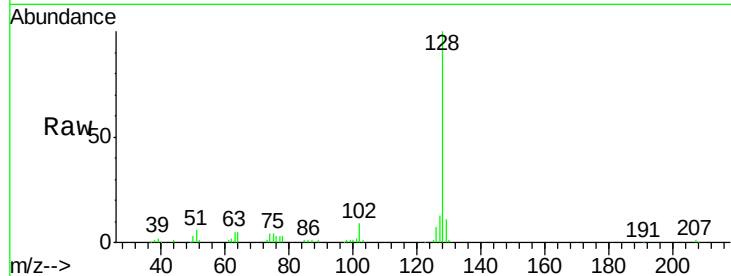




#95
Naphthalene
Concen: 14.616 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tgt Ion:128 Resp: 115310
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.506 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion:180 Resp: 38906
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.4
145 33.4 16.4 49.1

