

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062233.D
 Acq On : 30 Jun 2020 12:26
 Operator : JC/MD
 Sample : VN0630WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

Quant Time: Jul 01 03:32:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	224200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	403177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	377165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166587	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	159136	50.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.16%	
35) Dibromofluoromethane	7.54	113	124084	47.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.94%	
50) Toluene-d8	10.06	98	495186	47.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.37	95	161781	46.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	45175	17.826	ug/l	99
3) Chloromethane	2.03	50	57145	18.306	ug/l	97
4) Vinyl Chloride	2.16	62	68028	17.046	ug/l	99
5) Bromomethane	2.53	94	49716	19.275	ug/l	98
6) Chloroethane	2.67	64	46750	17.148	ug/l	97
7) Trichlorofluoromethane	2.98	101	84628	17.209	ug/l	100
8) Diethyl Ether	3.37	74	32916	19.169	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48423	18.804	ug/l	97
10) Methyl Iodide	3.91	142	52843	18.221	ug/l	99
11) Tert butyl alcohol	4.73	59	40146	88.871	ug/l	99
12) 1,1-Dichloroethene	3.70	96	47459	18.435	ug/l	97
13) Acrolein	3.56	56	44452	100.507	ug/l	100
14) Allyl chloride	4.27	41	68062	19.419	ug/l	100
15) Acrylonitrile	4.93	53	114726	93.198	ug/l	100
16) Acetone	3.77	43	98693	97.463	ug/l	99
17) Carbon Disulfide	4.01	76	131989	17.932	ug/l	99
18) Methyl Acetate	4.27	43	50145	20.049	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	156720	19.051	ug/l	97
20) Methylene Chloride	4.50	84	59933	20.623	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	52312	17.837	ug/l	96
22) Diisopropyl ether	5.90	45	157689	19.759	ug/l	96
23) Vinyl Acetate	5.84	43	625897	96.062	ug/l	98
24) 1,1-Dichloroethane	5.80	63	98823	19.230	ug/l	99
25) 2-Butanone	6.78	43	143371	93.228	ug/l	97
26) 2,2-Dichloropropane	6.78	77	77675	18.138	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	59422	18.006	ug/l	98
28) Bromochloromethane	7.15	49	40287	18.068	ug/l	97
29) Tetrahydrofuran	7.17	42	96840	96.131	ug/l	97
30) Chloroform	7.33	83	100377	19.198	ug/l	99
31) Cyclohexane	7.61	56	80809	18.590	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	81667	18.521	ug/l	97
36) 1,1-Dichloropropene	7.75	75	72547	17.902	ug/l	98
37) Ethyl Acetate	6.88	43	60933	18.158	ug/l	98
38) Carbon Tetrachloride	7.73	117	68106	17.826	ug/l	92

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	80793	18.195	ug/l	99
40) Benzene	8.00	78	225947	18.292	ug/l	100
41) Methacrylonitrile	7.12	41	25432	16.347	ug/l	92
42) 1,2-Dichloroethane	8.08	62	79900	19.146	ug/l	99
43) Isopropyl Acetate	8.12	43	101430	18.542	ug/l #	90
44) Trichloroethene	8.80	130	53503	17.171	ug/l	100
45) 1,2-Dichloropropane	9.08	63	58621	19.237	ug/l	97
46) Dibromomethane	9.17	93	37979	18.382	ug/l	97
47) Bromodichloromethane	9.37	83	78176	18.740	ug/l	99
48) Methyl methacrylate	9.17	41	45146	18.406	ug/l	99
49) 1,4-Dioxane	9.17	88	17351	318.994	ug/l #	95
51) 4-Methyl-2-Pentanone	9.95	43	302789	94.737	ug/l	99
52) Toluene	10.12	92	140918	18.698	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	82615	18.000	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	92365	18.903	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	56902	19.207	ug/l	97
56) Ethyl methacrylate	10.40	69	72508	18.340	ug/l	97
57) 1,3-Dichloropropane	10.68	76	96153	18.856	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	134447	90.830	ug/l	99
59) 2-Hexanone	10.72	43	212957	92.273	ug/l	98
60) Dibromochloromethane	10.87	129	56395	17.980	ug/l	99
61) 1,2-Dibromoethane	10.98	107	53506	17.577	ug/l	97
64) Tetrachloroethene	10.60	164	41889	16.259	ug/l	98
65) Chlorobenzene	11.40	112	148268	17.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	52802	18.436	ug/l	98
67) Ethyl Benzene	11.48	91	257552	18.412	ug/l	98
68) m/p-Xylenes	11.59	106	198026	36.601	ug/l	99
69) o-Xylene	11.92	106	90929	17.812	ug/l	95
70) Styrene	11.94	104	153099	17.983	ug/l	99
71) Bromoform	12.10	173	34313	16.850	ug/l #	99
73) Isopropylbenzene	12.22	105	243238	18.863	ug/l	100
74) N-amyl acetate	12.04	43	80997	19.265	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	82720	19.277	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	98808	25.196	ug/l #	100
77) Bromobenzene	12.50	156	57558	17.979	ug/l	95
78) n-propylbenzene	12.56	91	285181	19.334	ug/l	99
79) 2-Chlorotoluene	12.65	91	168028	18.843	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	202068	19.330	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	23435	17.452	ug/l	91
82) 4-Chlorotoluene	12.75	91	170251	18.463	ug/l	100
83) tert-Butylbenzene	12.97	119	165946	18.549	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	200146	19.170	ug/l	98
85) sec-Butylbenzene	13.15	105	233079	19.717	ug/l	100
86) p-Isopropyltoluene	13.26	119	202310	19.534	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	102449	18.224	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	101918	17.587	ug/l	98
89) n-Butylbenzene	13.59	91	164894	19.150	ug/l	99
90) Hexachloroethane	13.85	117	39509	19.443	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	99191	18.195	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12795	18.613	ug/l	93

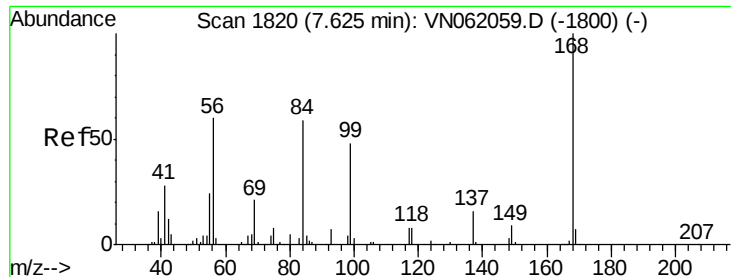
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	41229	17.312	ug/l	98
94) Hexachlorobutadiene	14.98	225	20780	20.090	ug/l	99
95) Naphthalene	15.10	128	109412	16.673	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	42469	17.440	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

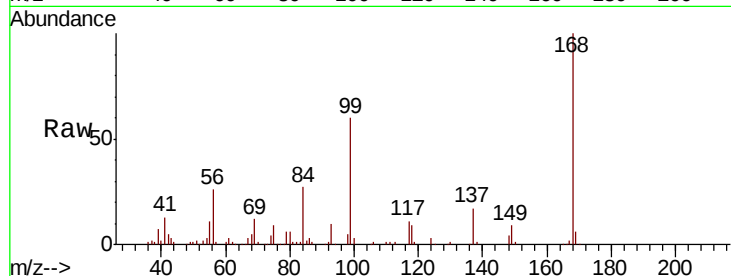
VN0630WBS01

Tot Ion:168 Resp: 224200

Ion Ratio Lower Upper

168 100

99 59.5 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

100000

80000

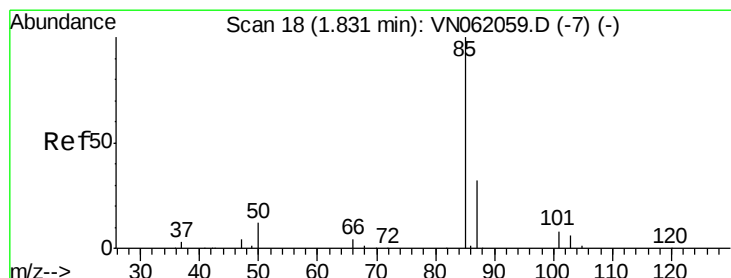
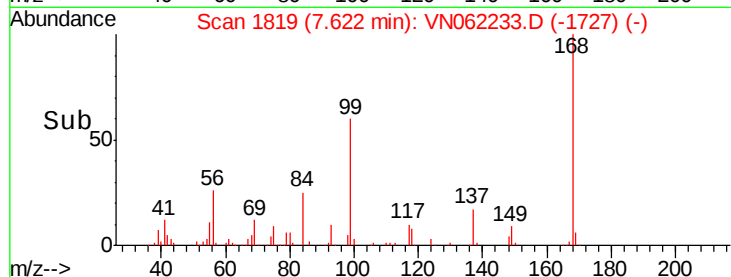
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 17.826 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062233.D

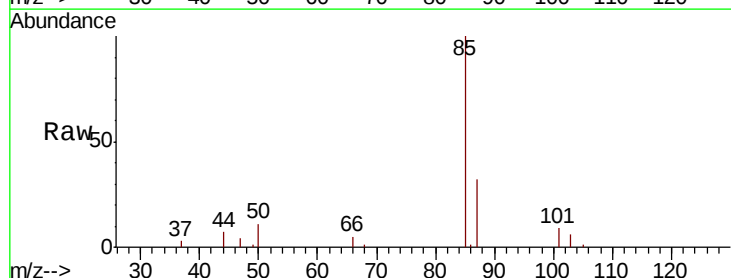
Acq: 30 Jun 2020 12:26

Tgt Ion: 85 Resp: 45175

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

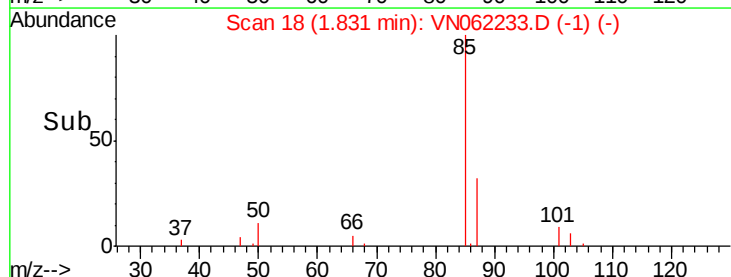
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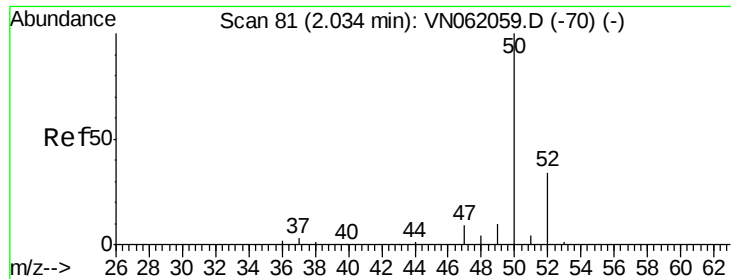
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.306 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

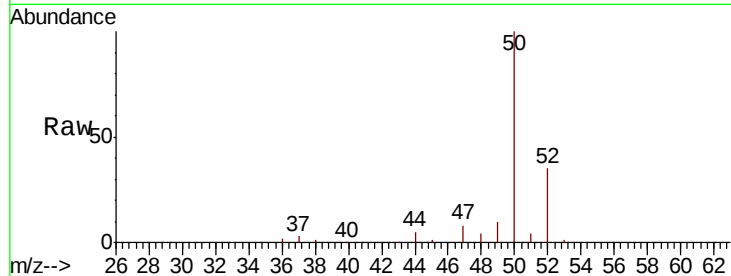
VN0630WBS01

Tot Ion: 50 Resp: 57145

Ion Ratio Lower Upper

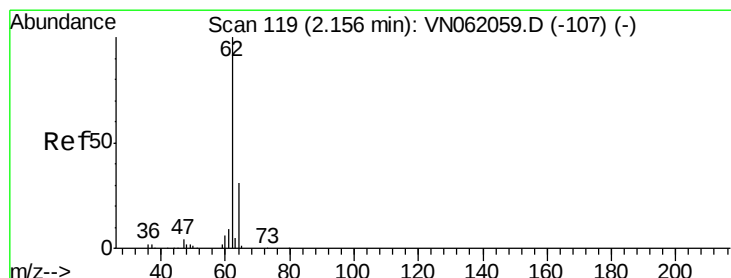
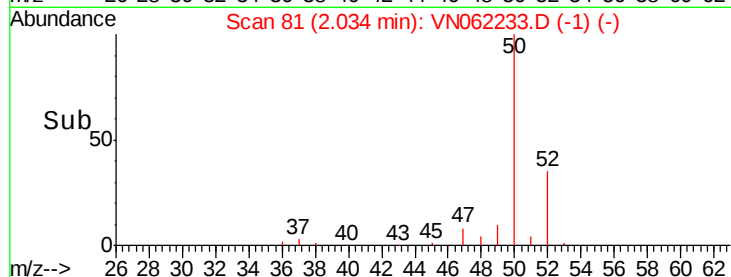
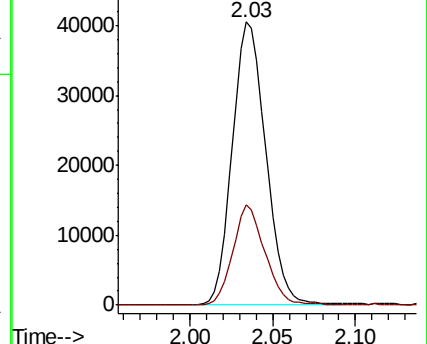
50 100

52 35.2 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.046 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062233.D

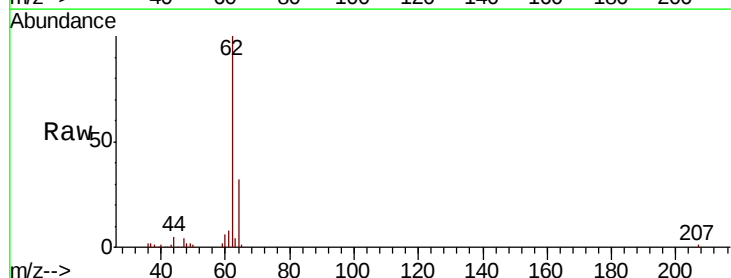
Acq: 30 Jun 2020 12:26

Tgt Ion: 62 Resp: 68028

Ion Ratio Lower Upper

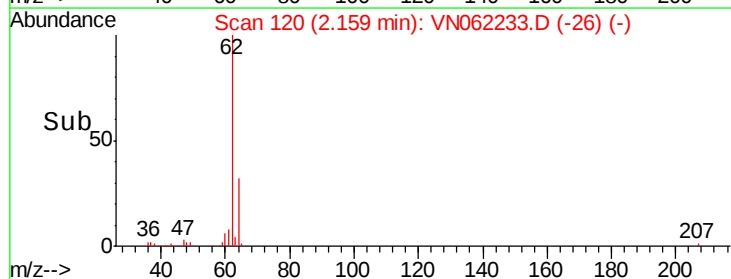
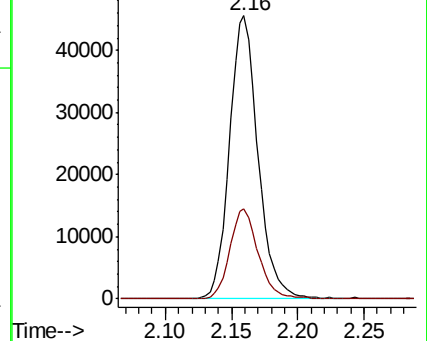
62 100

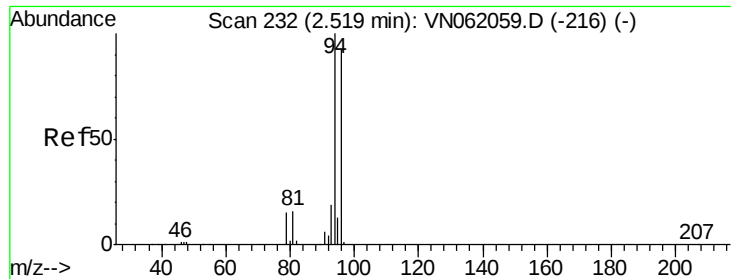
64 31.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.275 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

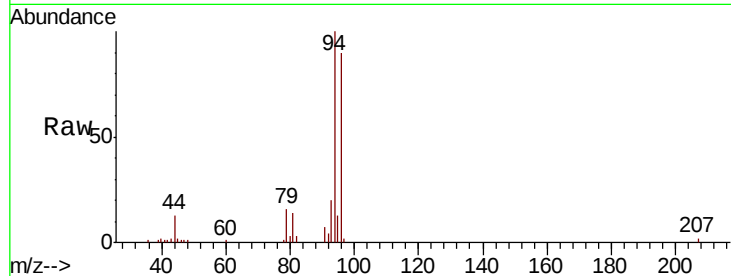
VN0630WBS01

Tot Ion: 94 Resp: 49716

Ion Ratio Lower Upper

94 100

96 90.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

25000

20000

15000

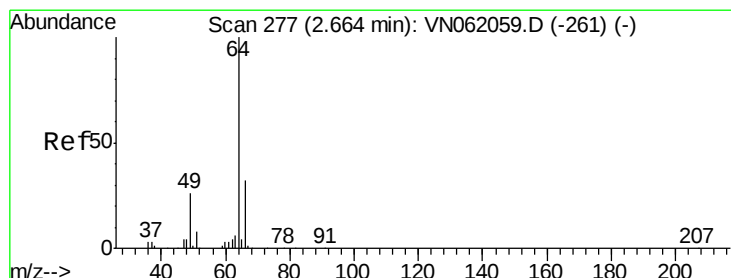
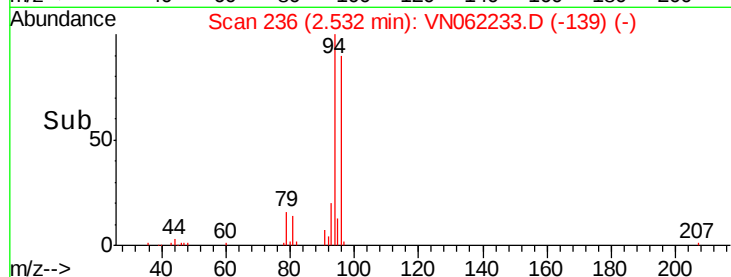
10000

5000

0

2.50 2.53 2.60

Time-->



#6

Chloroethane

Concen: 17.148 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062233.D

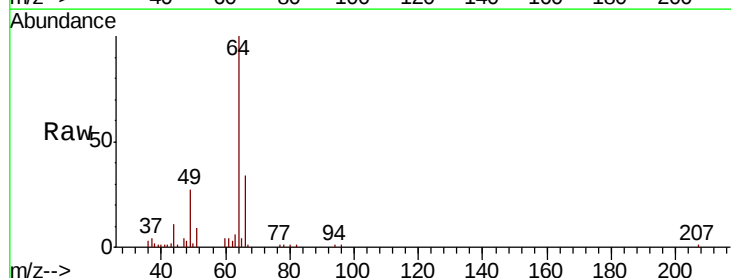
Acq: 30 Jun 2020 12:26

Tgt Ion: 64 Resp: 46750

Ion Ratio Lower Upper

64 100

66 33.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

25000

20000

15000

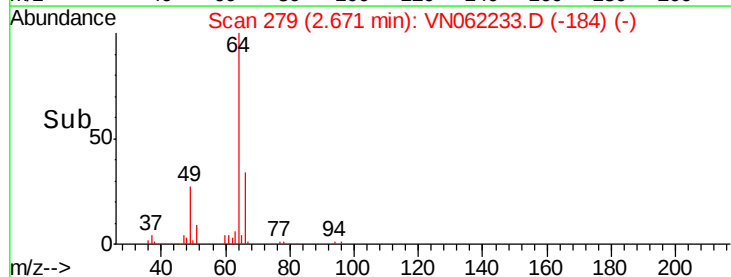
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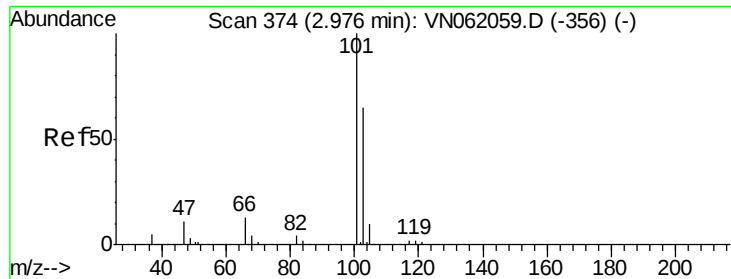
5000

0

2.60 2.65 2.67 2.70 2.75

Time-->



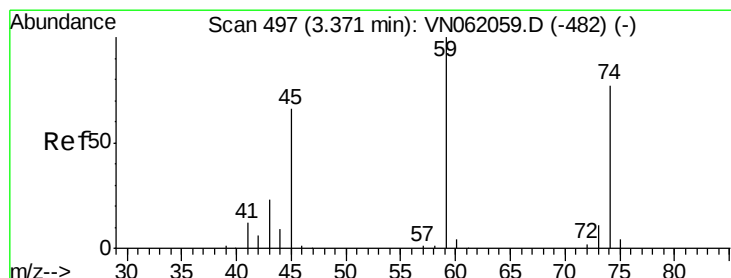
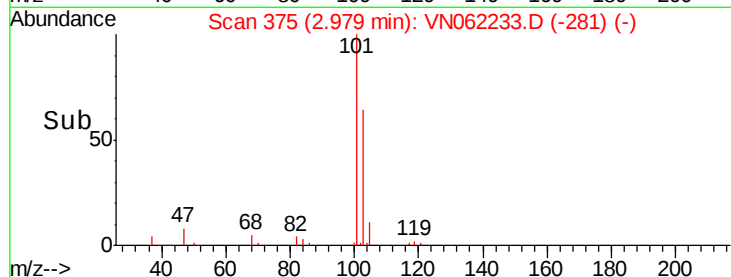
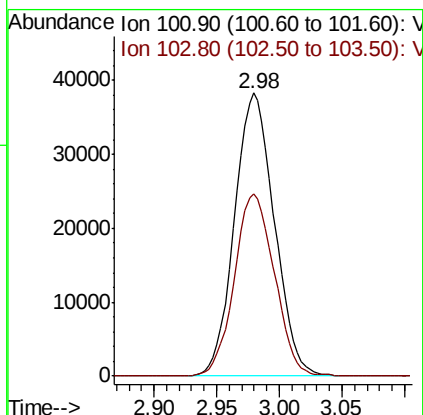
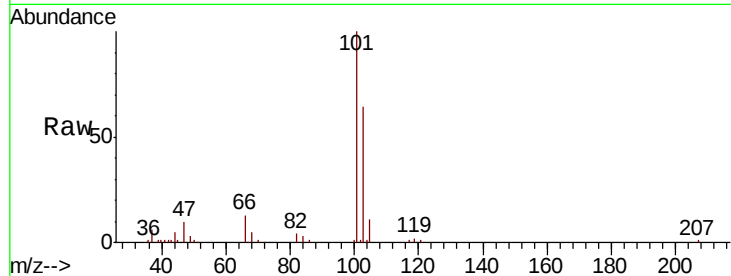


#7

Trichlorofluoromethane
 Concen: 17.209 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

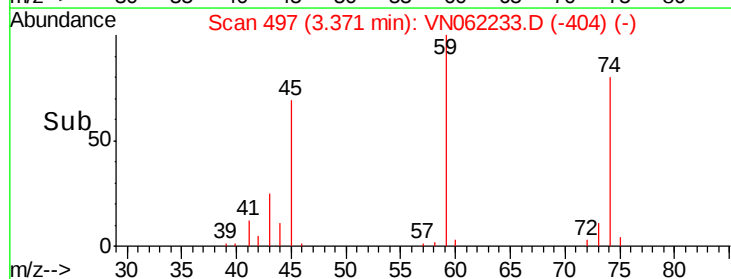
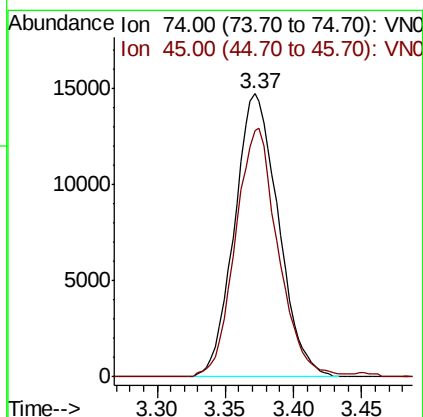
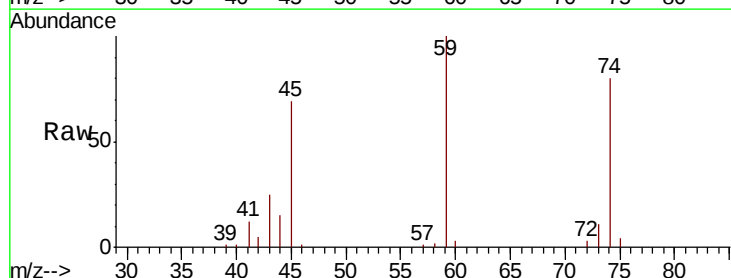
Tot Ion:101 Resp: 84628
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.6

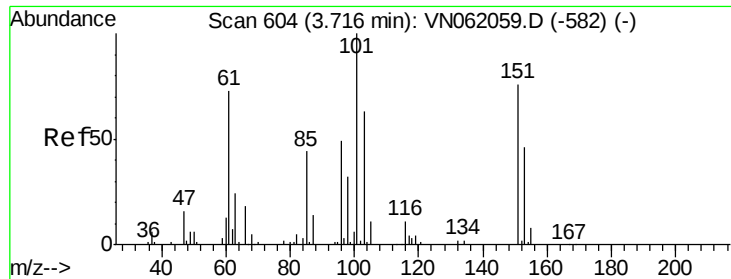


#8

Diethyl Ether
 Concen: 19.169 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Tgt Ion: 74 Resp: 32916
 Ion Ratio Lower Upper
 74 100
 45 85.5 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.804 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

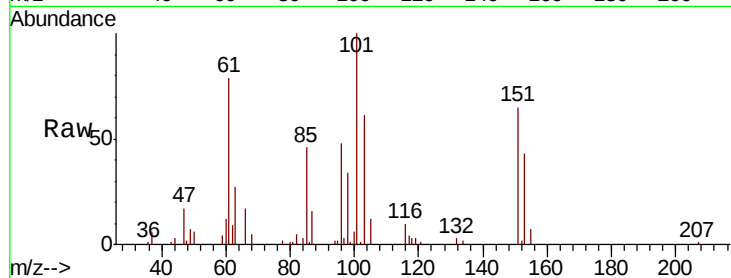
Tot Ion:101 Resp: 48423

Ion Ratio Lower Upper

101 100

85 45.6 34.5 51.7

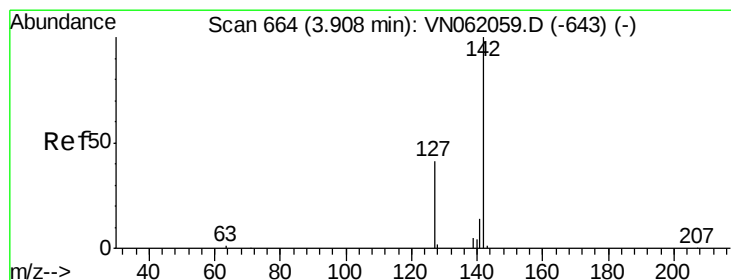
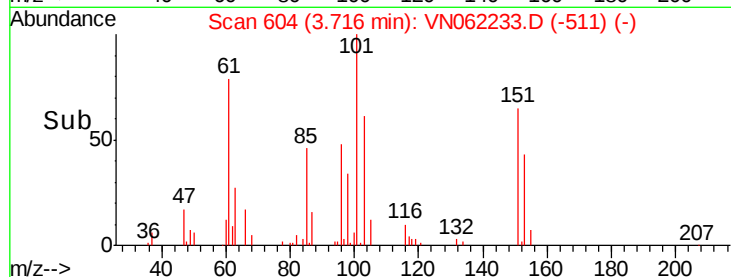
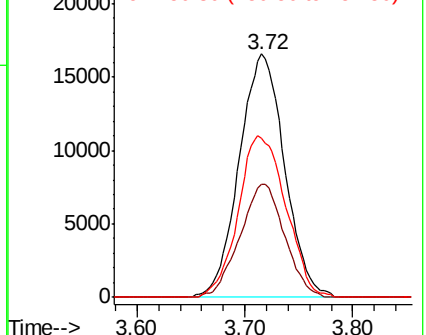
151 69.6 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.221 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

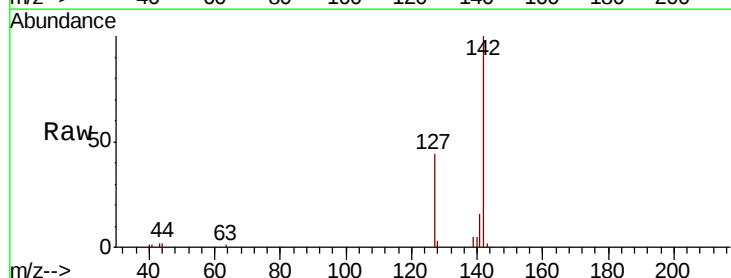
Tgt Ion:142 Resp: 52843

Ion Ratio Lower Upper

142 100

127 42.7 33.6 50.4

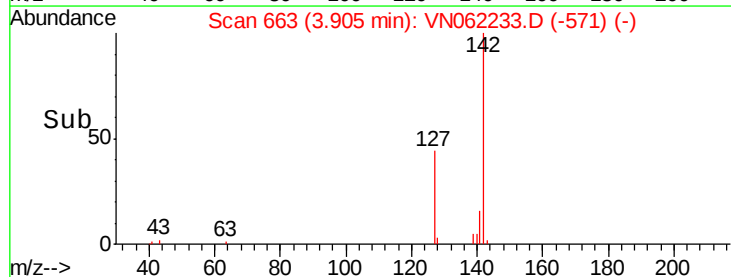
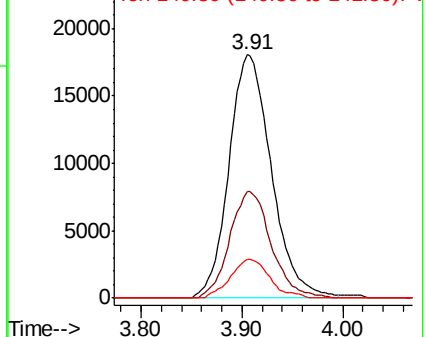
141 14.8 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



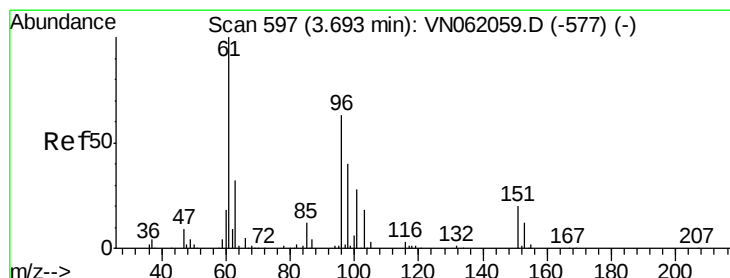
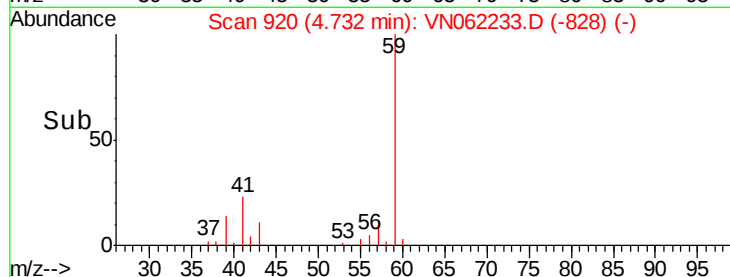
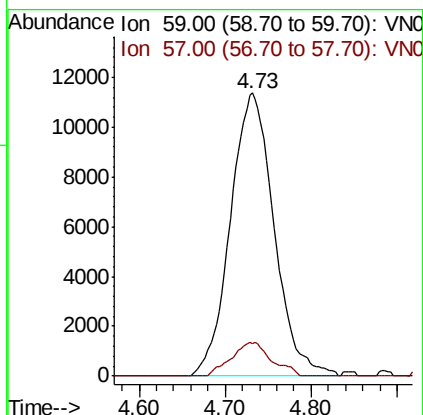
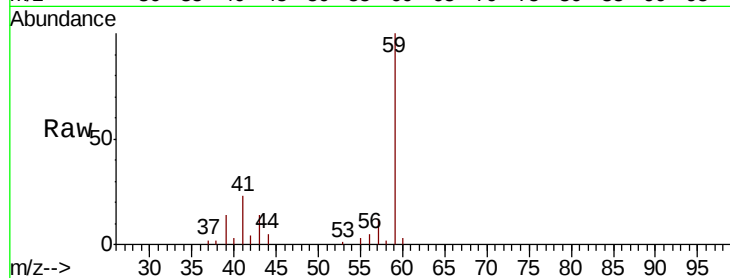


#11

Tert butyl alcohol
 Concen: 88.871 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

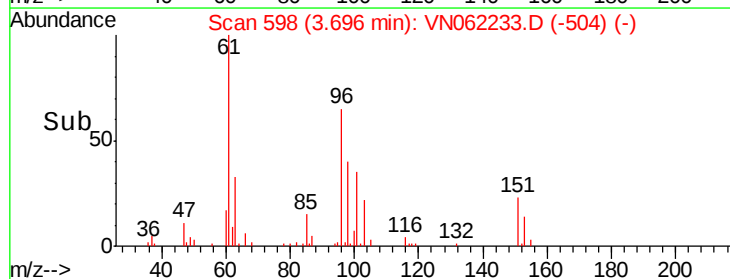
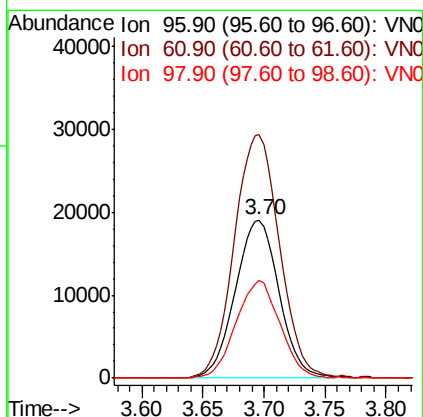
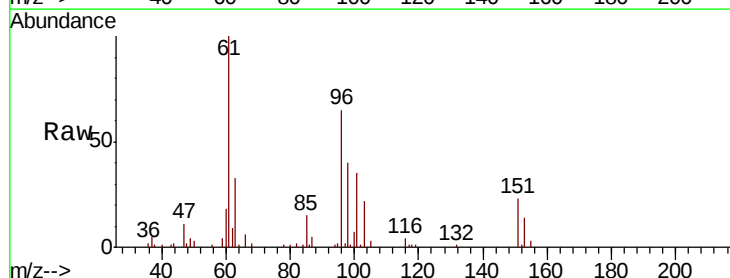
Tot Ion: 59 Resp: 40146
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.3 12.5

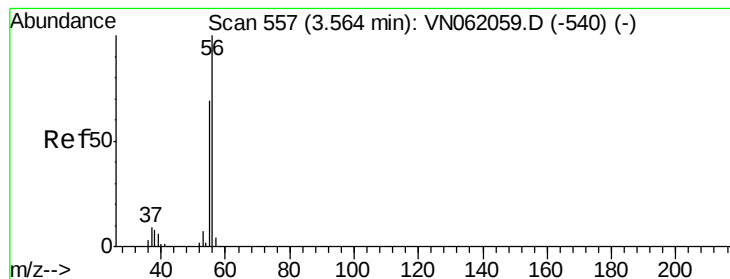


#12

1,1-Dichloroethene
 Concen: 18.435 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Tgt Ion: 96 Resp: 47459
 Ion Ratio Lower Upper
 96 100
 61 153.9 126.7 190.1
 98 61.6 51.0 76.4





#13

Acrolein

Concen: 100.507 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

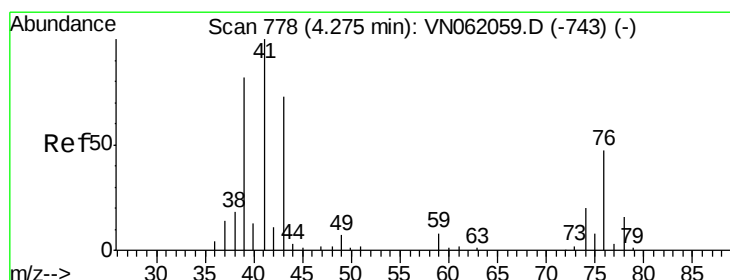
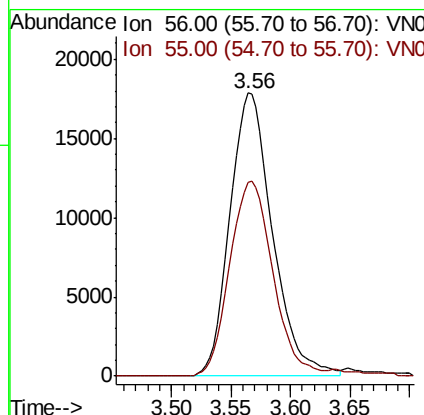
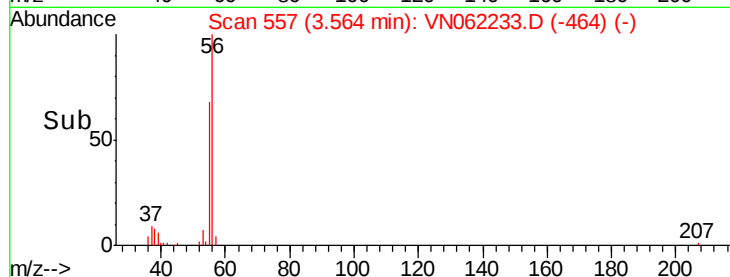
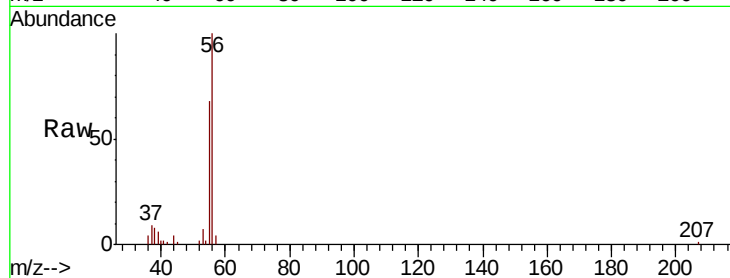
VN0630WBS01

Tot Ion: 56 Resp: 44452

Ion Ratio Lower Upper

56 100

55 69.8 55.5 83.3



#14

Allyl chloride

Concen: 19.419 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

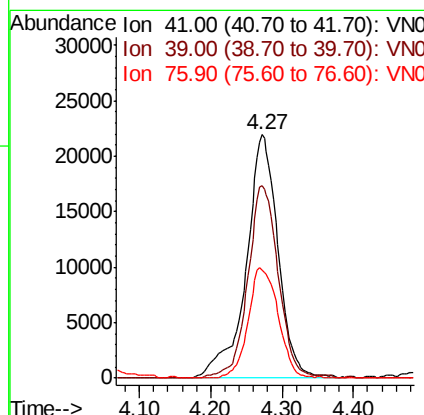
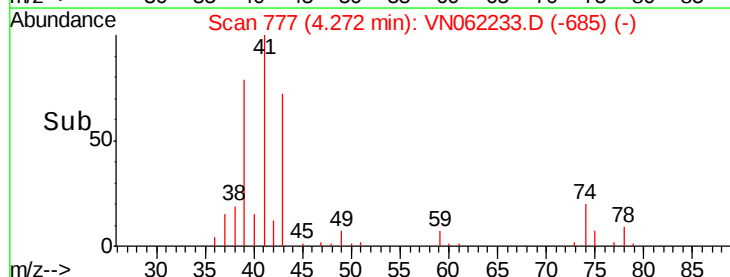
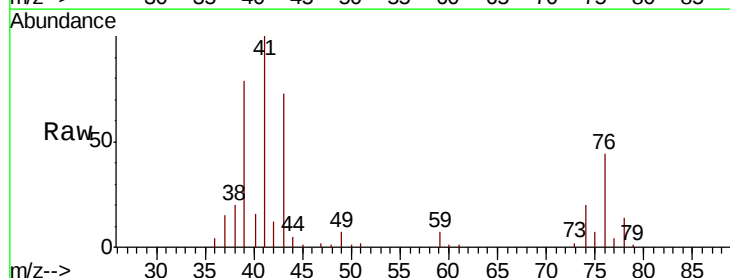
Tgt Ion: 41 Resp: 68062

Ion Ratio Lower Upper

41 100

39 75.4 60.0 90.0

76 42.6 34.1 51.1





#15

Acrylonitrile

Concen: 93.198 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

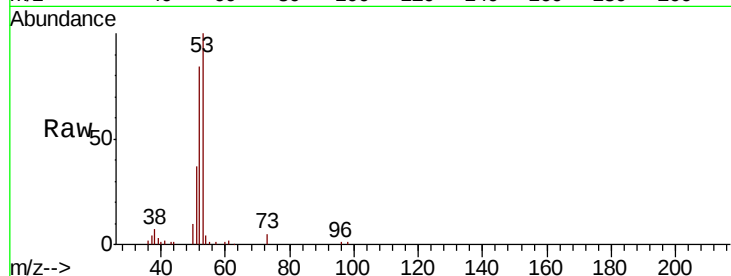
Tot Ion: 53 Resp: 114726

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.4

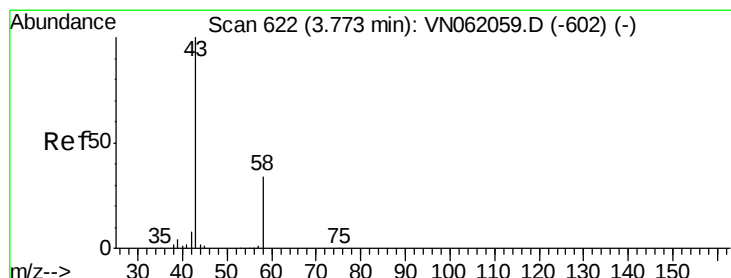
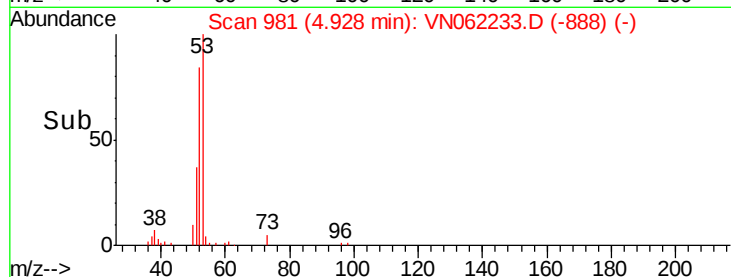
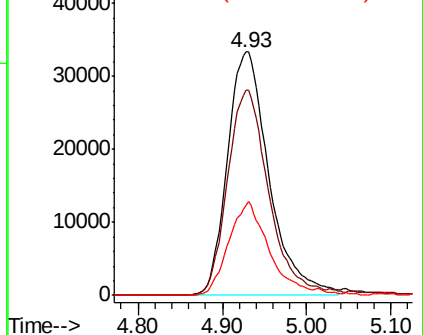
51 36.8 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062233.D (-529) (-)

Ion 52.00 (51.70 to 52.70): VN062233.D (-529) (-)

Ion 51.00 (50.70 to 51.70): VN062233.D (-529) (-)



#16

Acetone

Concen: 97.463 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062233.D

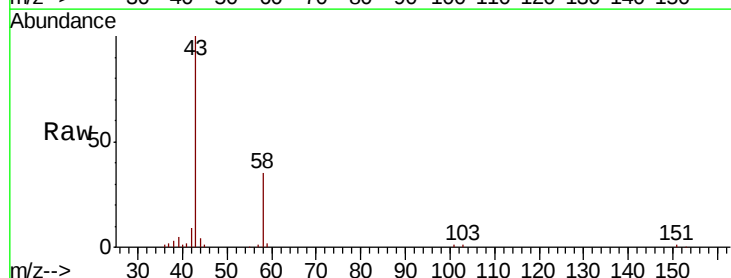
Acq: 30 Jun 2020 12:26

Tgt Ion: 43 Resp: 98693

Ion Ratio Lower Upper

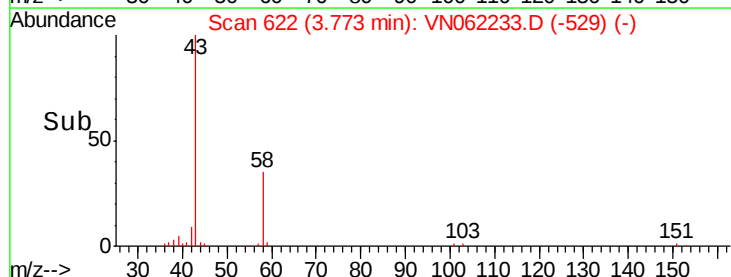
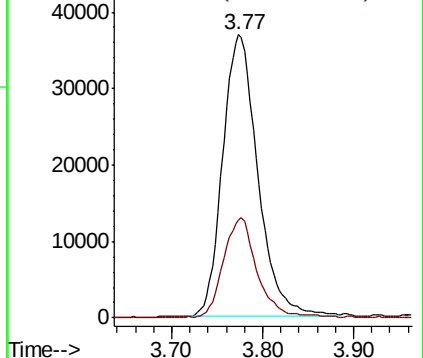
43 100

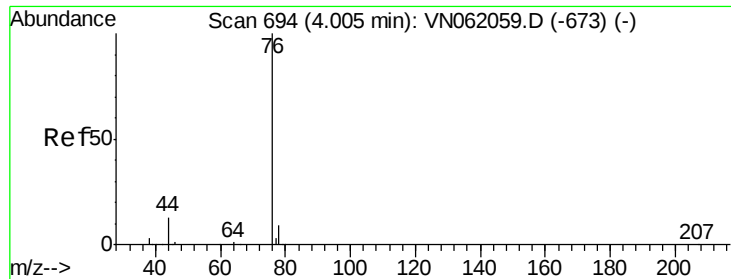
58 34.9 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062233.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062233.D (-529) (-)

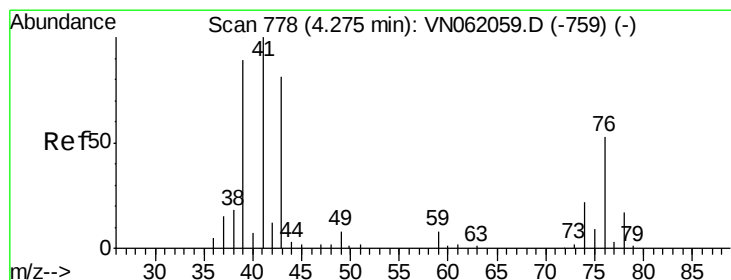
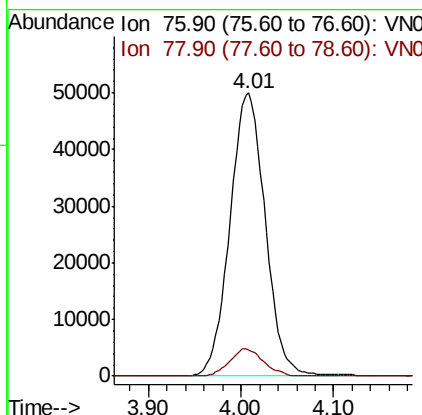
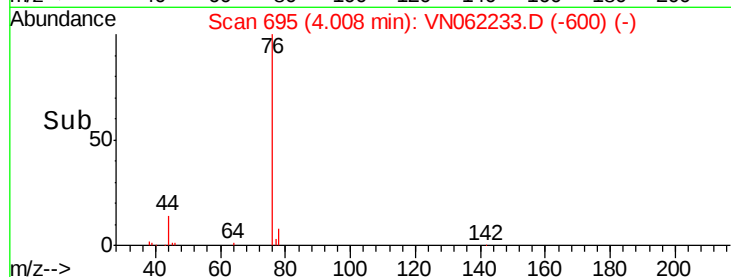
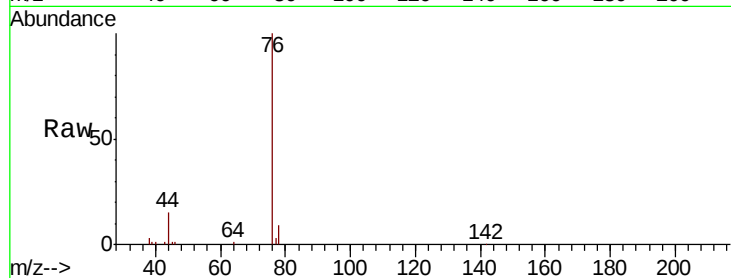




#17
Carbon Disulfide
Concen: 17.932 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

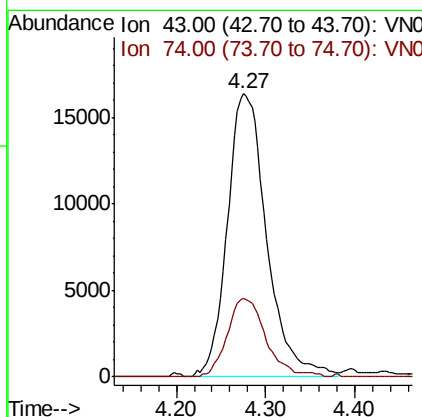
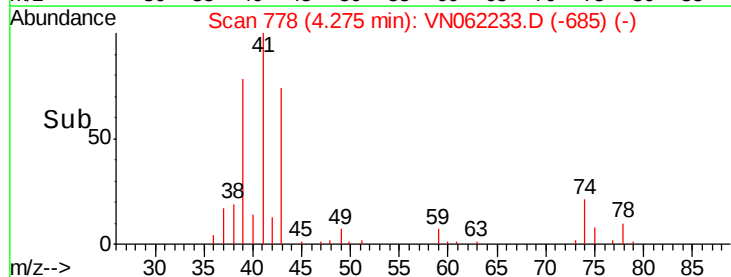
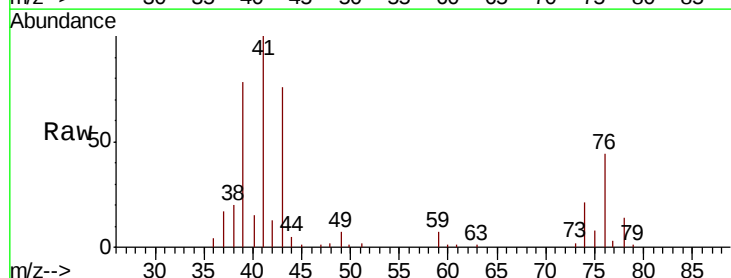
Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

Tot Ion: 76 Resp: 131989
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 20.049 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Tgt Ion: 43 Resp: 50145
Ion Ratio Lower Upper
43 100
74 26.6 22.9 34.3

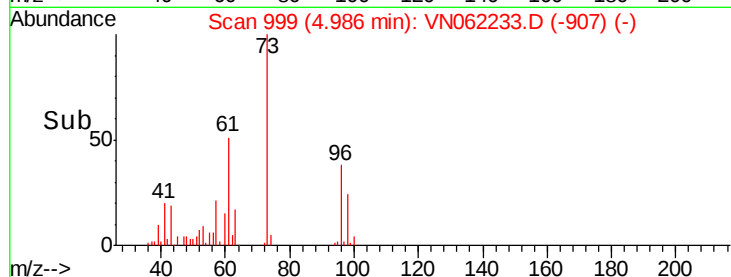
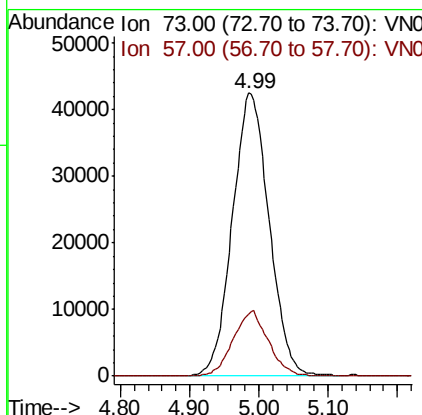
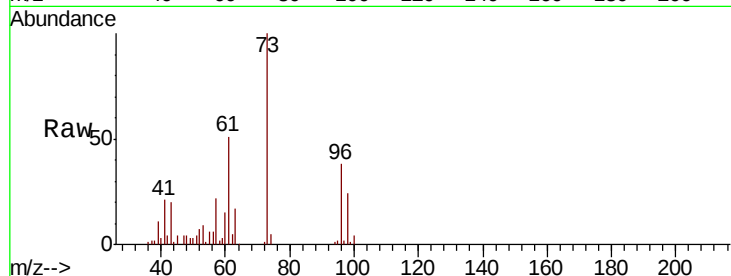




#19
Methyl tert-butyl Ether
Concen: 19.051 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

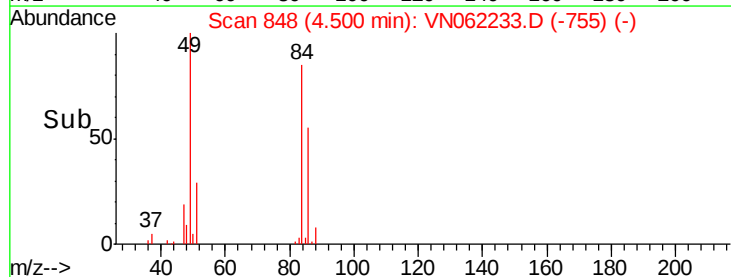
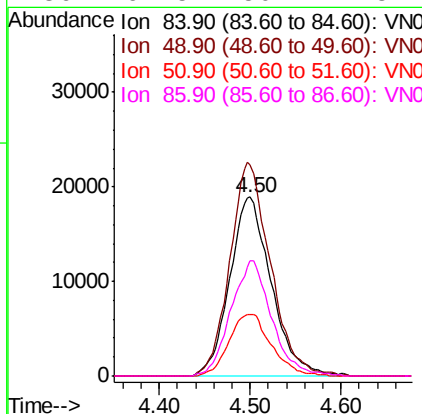
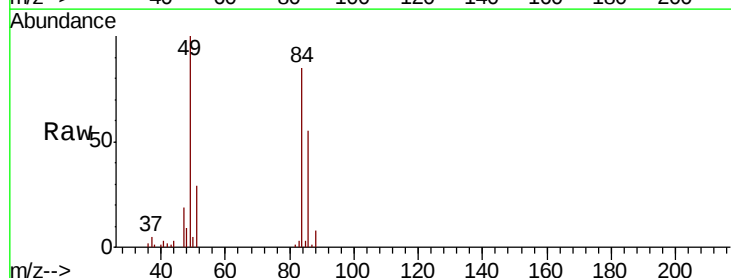
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

Tot Ion: 73 Resp: 156720
Ion Ratio Lower Upper
73 100
57 22.0 16.6 24.8



#20
Methylene Chloride
Concen: 20.623 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Tgt Ion: 84 Resp: 59933
Ion Ratio Lower Upper
84 100
49 117.9 90.6 136.0
51 34.3 27.8 41.8
86 64.5 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.837 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

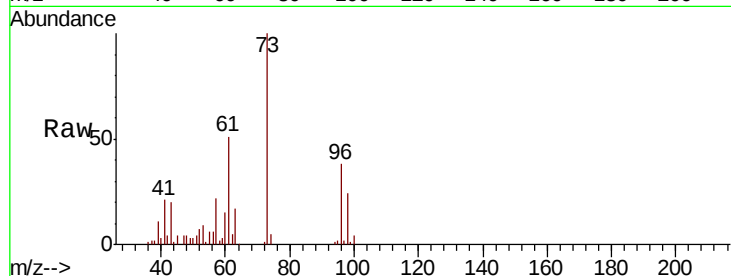
Tot Ion: 96 Resp: 52312

Ion Ratio Lower Upper

96 100

61 132.8 101.4 152.2

98 63.7 49.3 73.9

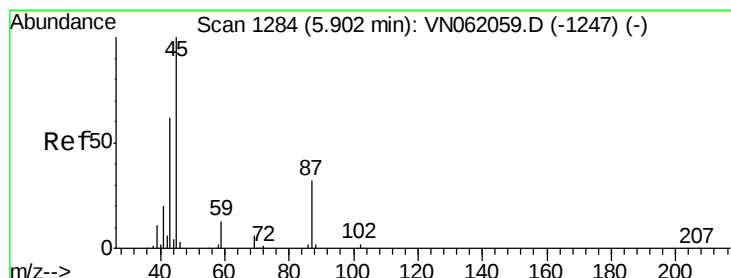
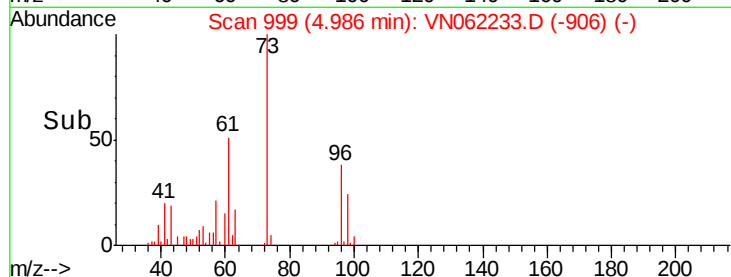
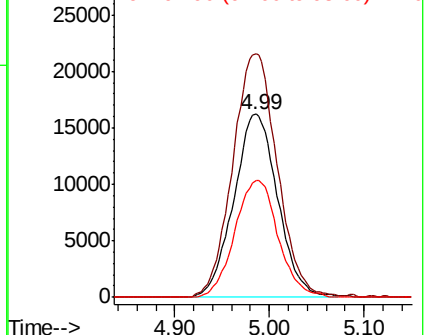


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.759 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Tgt Ion: 45 Resp: 157689

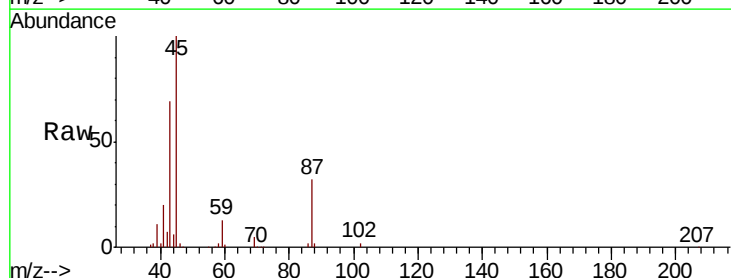
Ion Ratio Lower Upper

45 100

43 66.4 49.7 74.5

87 32.1 25.9 38.9

59 12.3 10.6 16.0



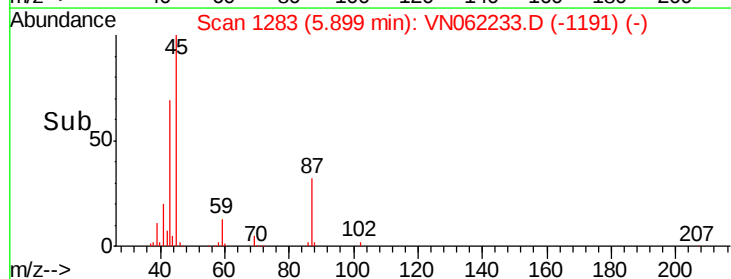
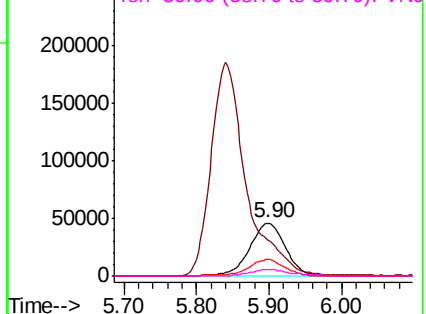
Abundance

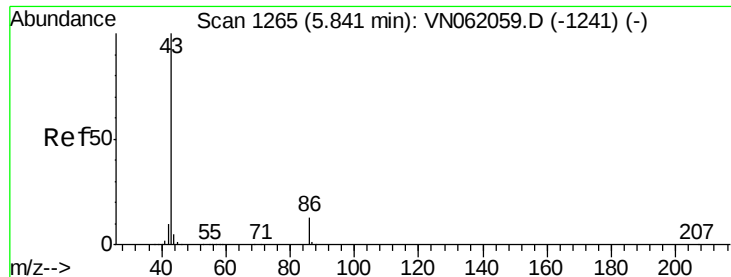
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 96.062 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

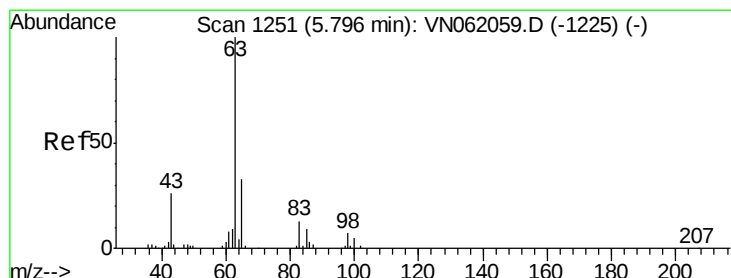
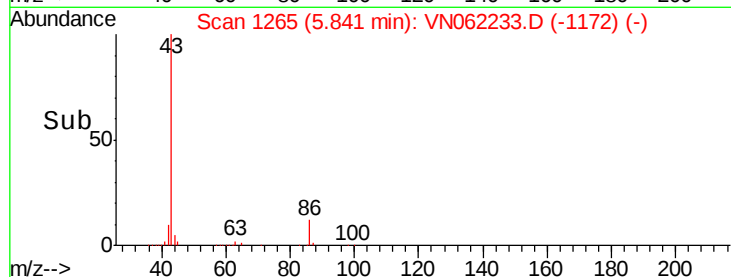
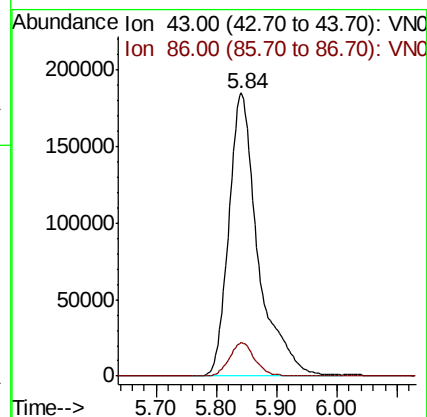
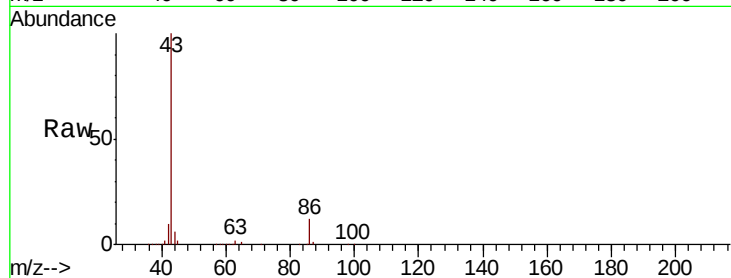
VN0630WBS01

Tot Ion: 43 Resp: 625897

Ion Ratio Lower Upper

43 100

86 11.7 10.1 15.1



#24

1,1-Dichloroethane

Concen: 19.230 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

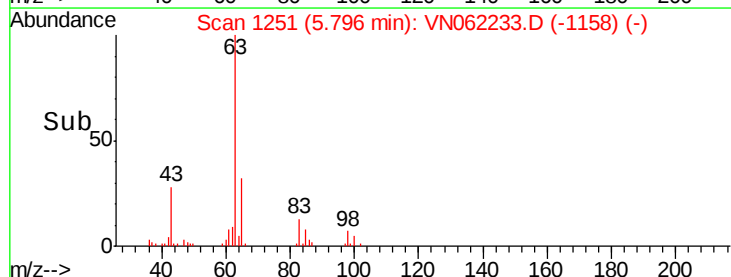
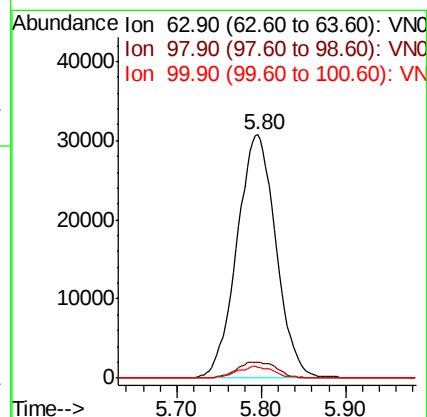
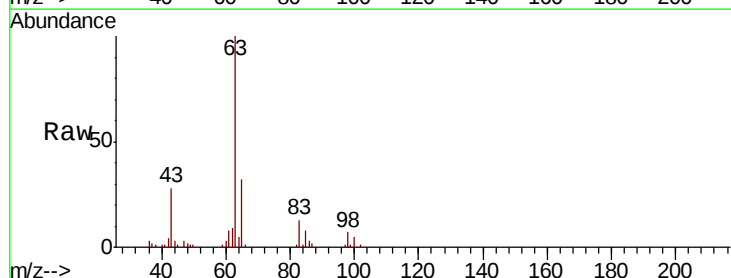
Tgt Ion: 63 Resp: 98823

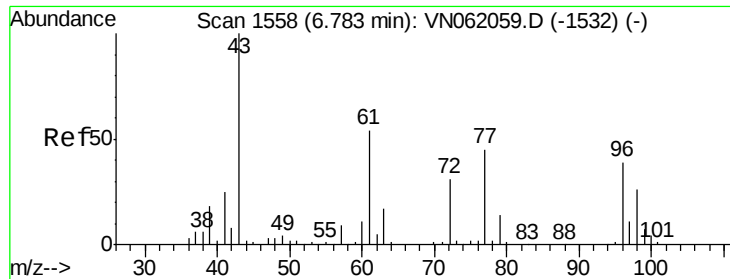
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 93.228 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

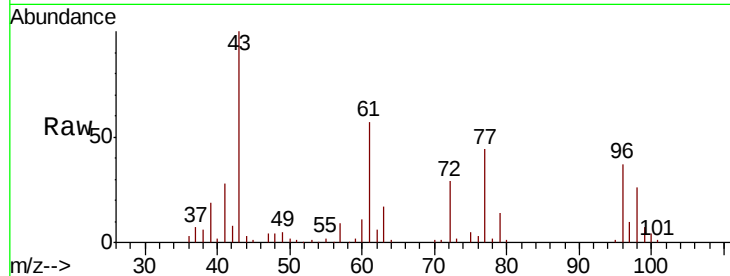
VN0630WBS01

Tot Ion: 43 Resp: 143371

Ion Ratio Lower Upper

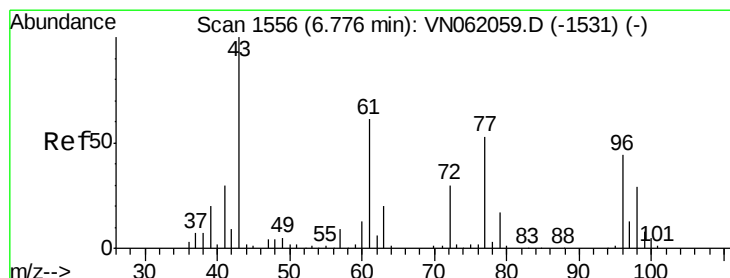
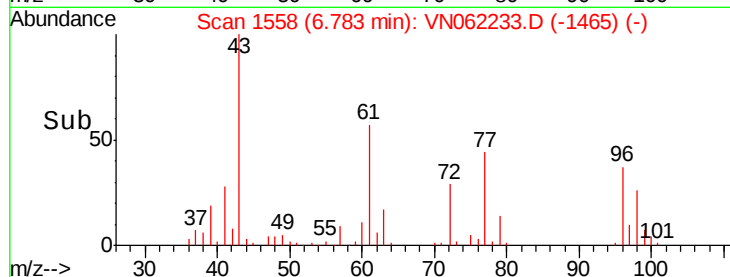
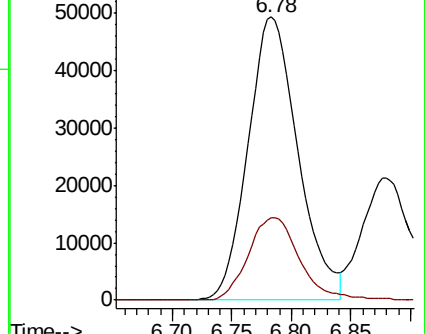
43 100

72 29.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1532) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1532) (-)



#26

2,2-Dichloropropane

Concen: 18.138 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062233.D

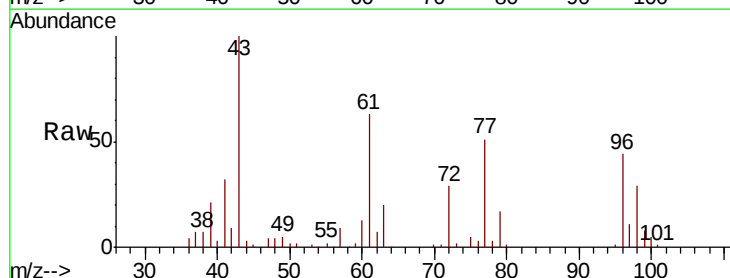
Acq: 30 Jun 2020 12:26

Tgt Ion: 77 Resp: 77675

Ion Ratio Lower Upper

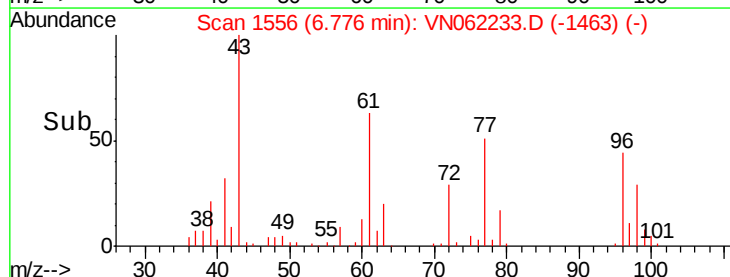
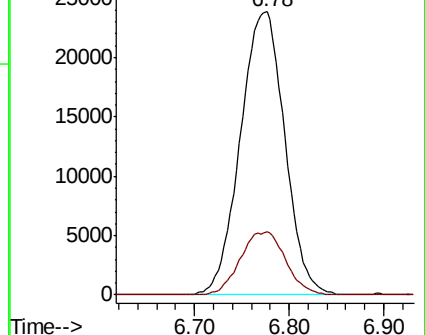
77 100

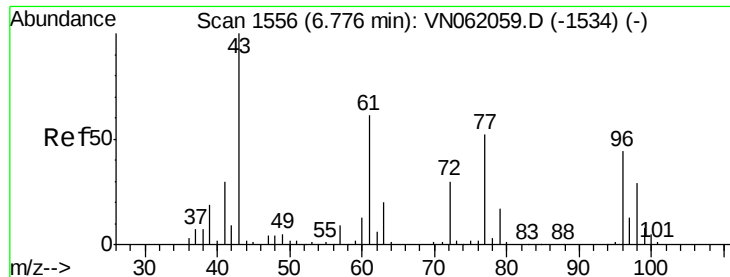
97 22.6 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN062059.D (-1531) (-)

Ion 96.90 (96.60 to 97.60): VN062059.D (-1531) (-)





#27

cis-1,2-Dichloroethene

Concen: 18.006 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

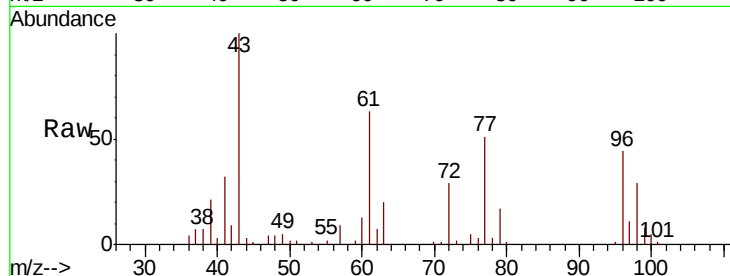
Tot Ion: 96 Resp: 59422

Ion Ratio Lower Upper

96 100

61 143.8 0.0 280.4

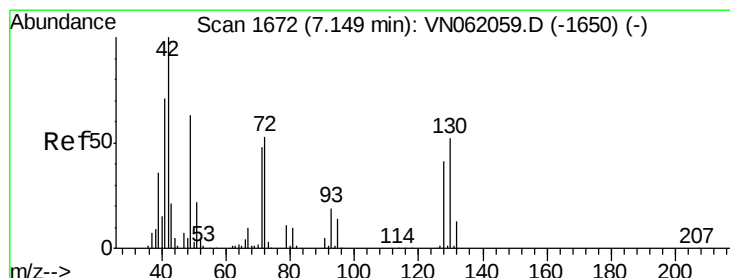
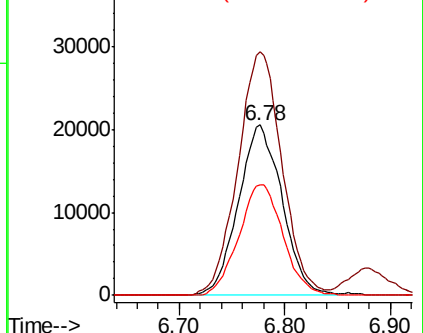
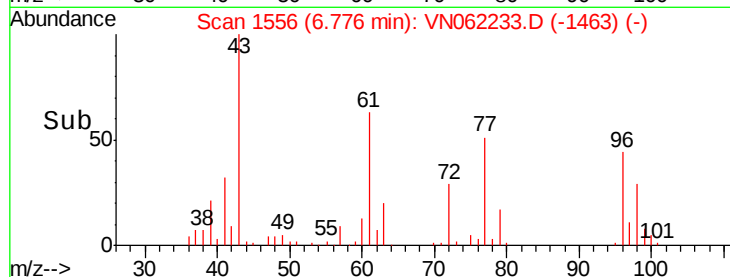
98 65.5 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062233.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062233.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062233.D (-1463) (-)



#28

Bromochloromethane

Concen: 18.068 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

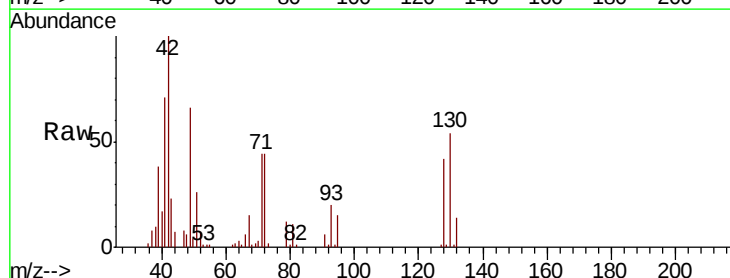
Tgt Ion: 49 Resp: 40287

Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.4

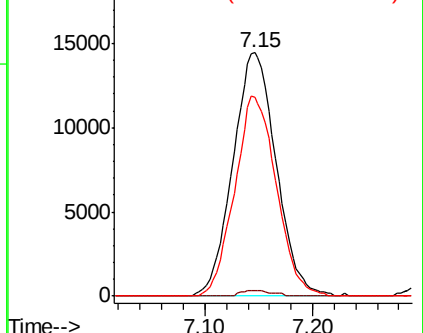
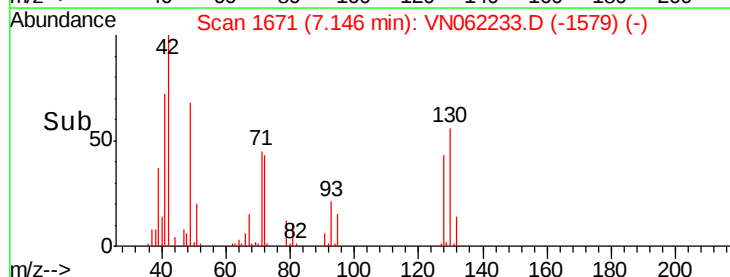
130 79.0 65.5 98.3

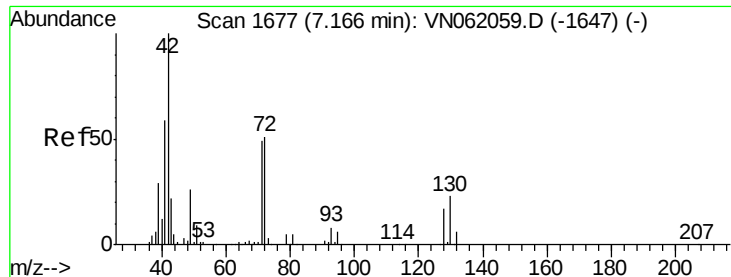


Abundance Ion 48.90 (48.60 to 49.60): VN062233.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062233.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062233.D (-1579) (-)

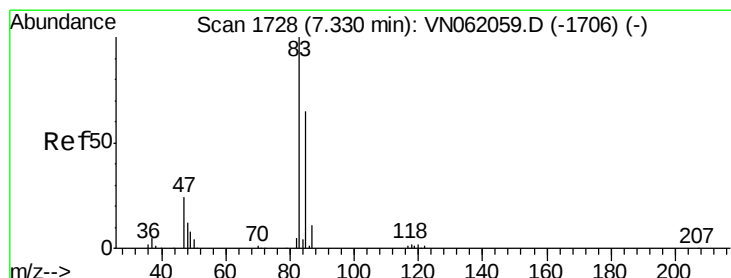
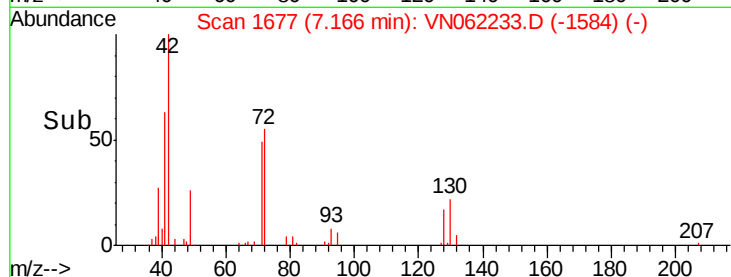
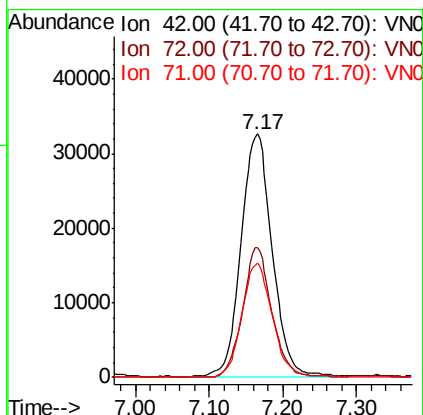
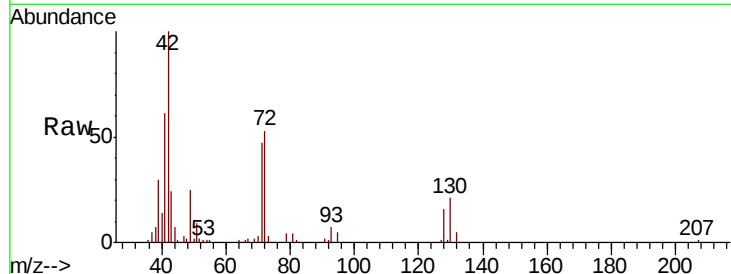




#29
Tetrahydrofuran
Concen: 96.131 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

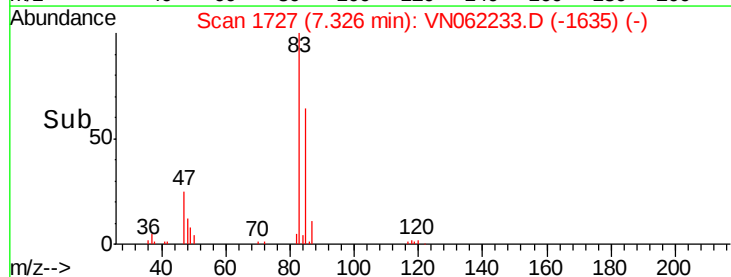
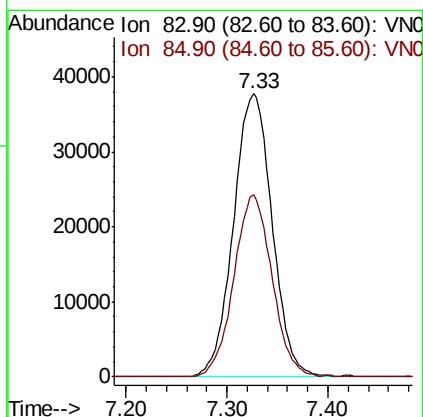
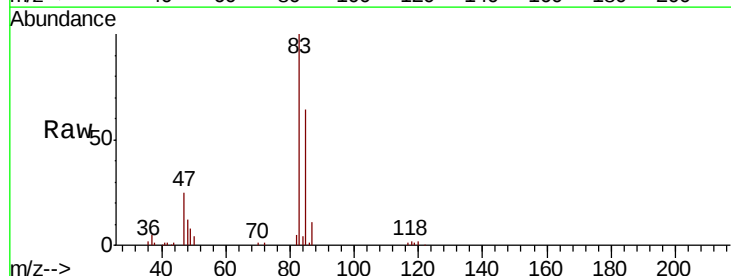
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

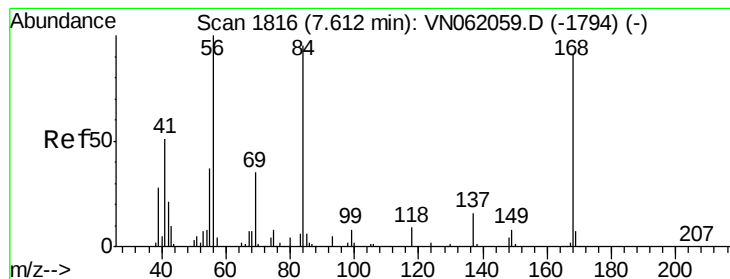
Tot Ion: 42 Resp: 96840
Ion Ratio Lower Upper
42 100
72 49.4 41.1 61.7
71 45.5 38.2 57.4



#30
Chloroform
Concen: 19.198 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Tgt Ion: 83 Resp: 100377
Ion Ratio Lower Upper
83 100
85 64.4 52.3 78.5





#31

Cyclohexane

Concen: 18.590 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

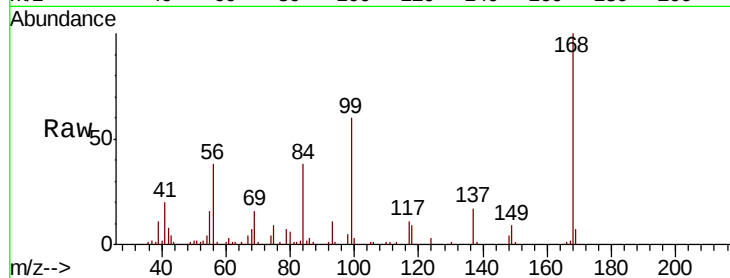
Tot Ion: 56 Resp: 80809

Ion Ratio Lower Upper

56 100

69 40.3 28.0 42.0

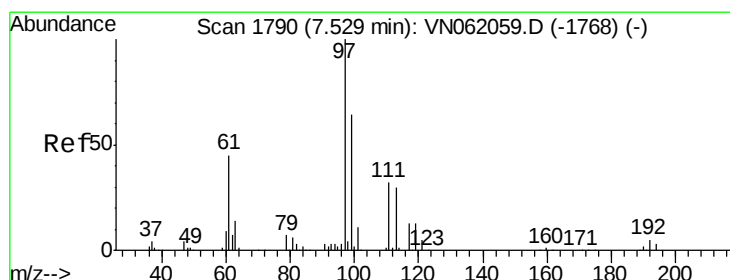
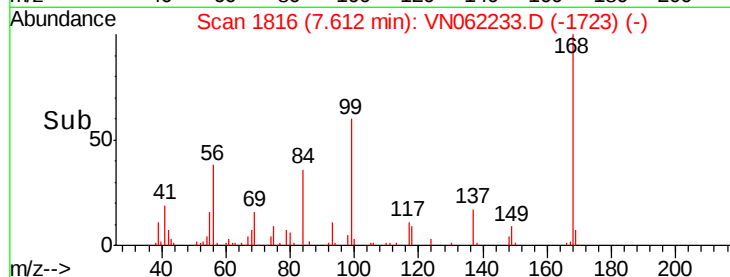
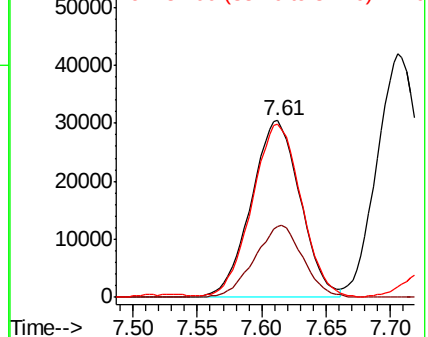
84 96.9 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062233.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062233.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062233.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 18.521 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

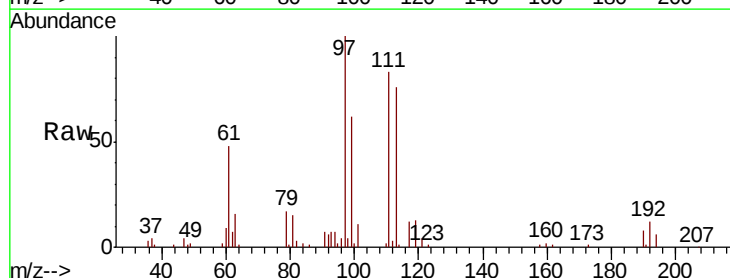
Tgt Ion: 97 Resp: 81667

Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.4

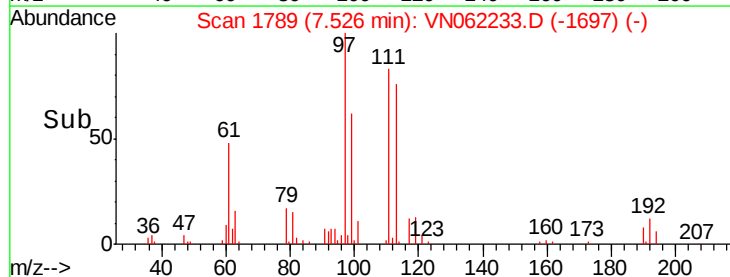
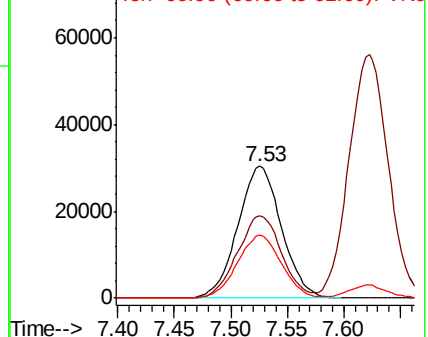
61 48.3 36.2 54.2

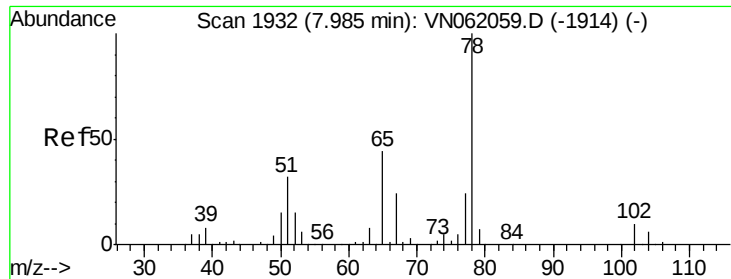


Abundance Ion 96.90 (96.60 to 97.60): VN062233.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062233.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062233.D (-1697) (-)

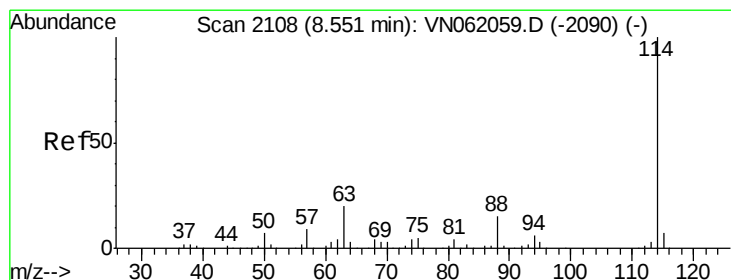
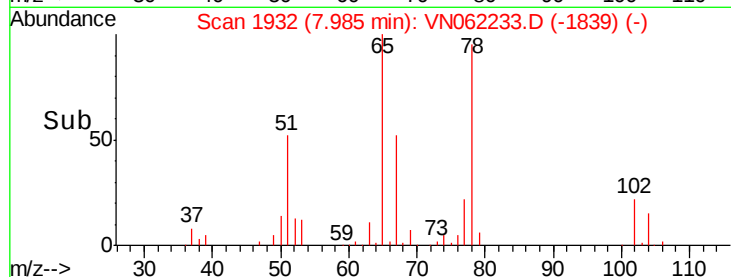
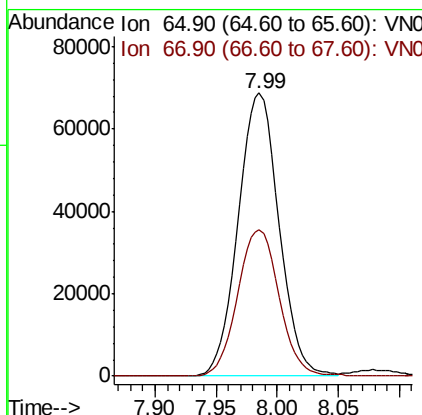
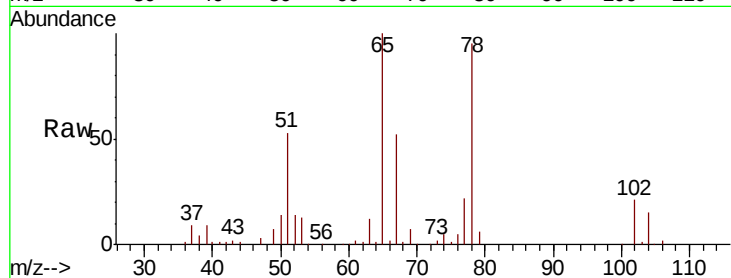




#33
 1,2-Dichloroethane-d4
 Concen: 50.579 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

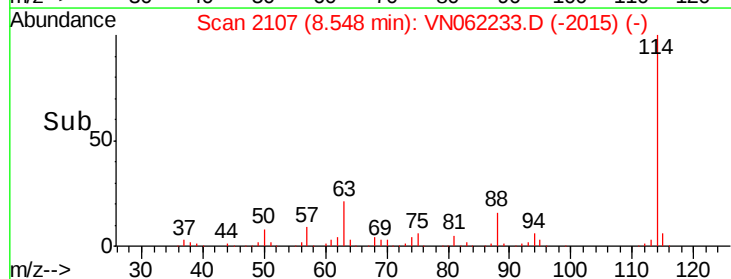
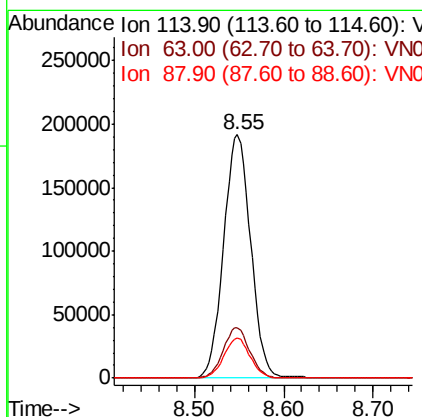
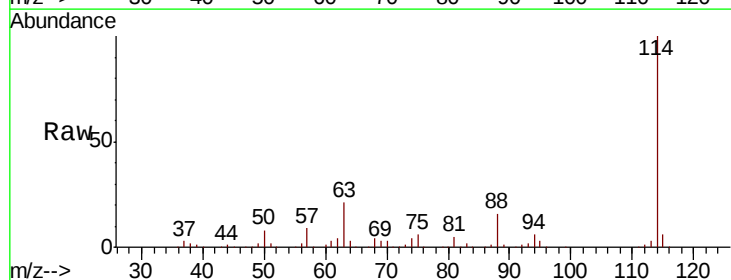
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

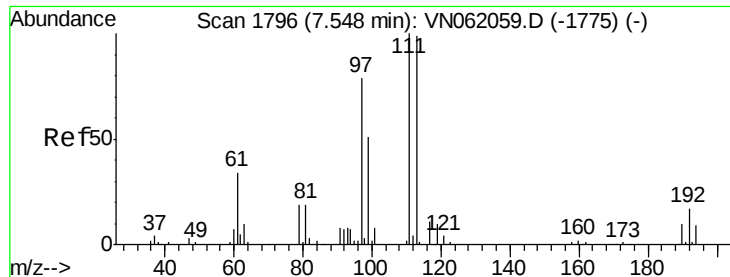
Tot Ion: 65 Resp: 159136
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Tgt Ion: 114 Resp: 403177
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.2
 88 16.4 0.0 30.8

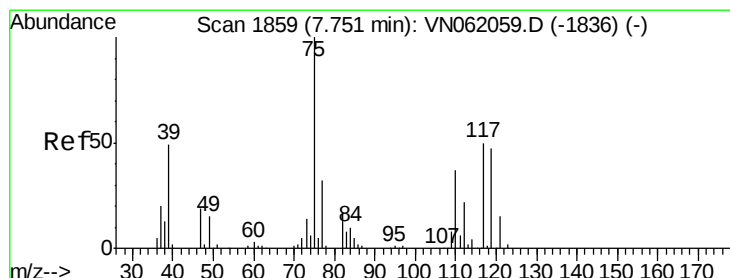
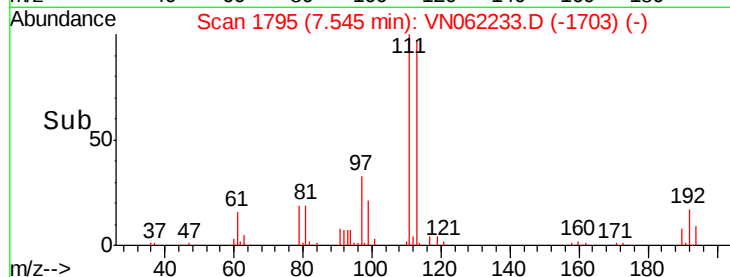
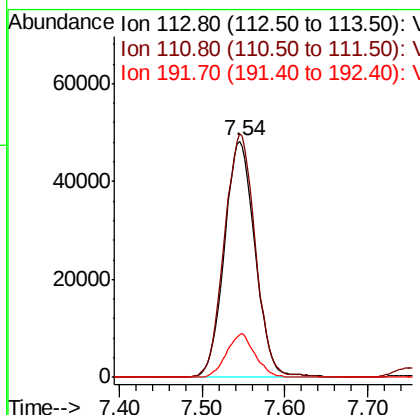
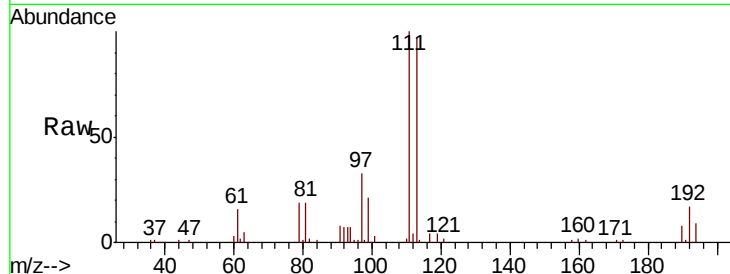




#35
 Dibromofluoromethane
 Concen: 47.972 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

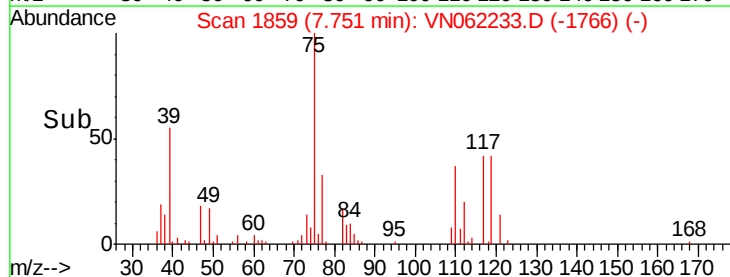
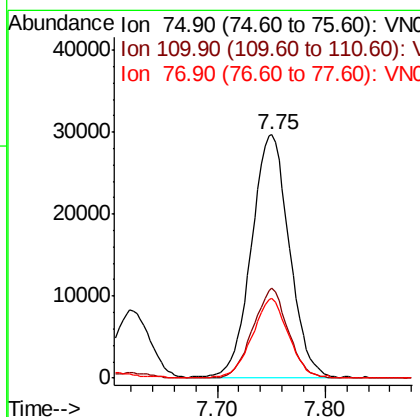
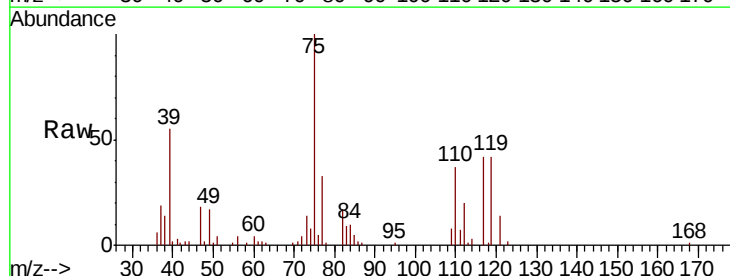
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.4
192	17.2	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 17.902 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.9	53.8
77	31.4	24.9	37.3

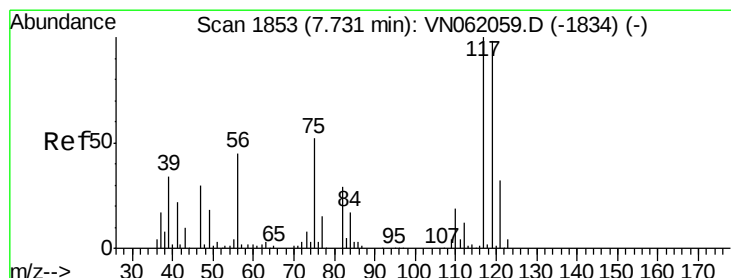
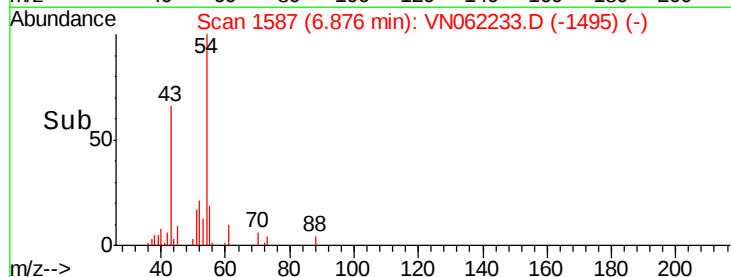
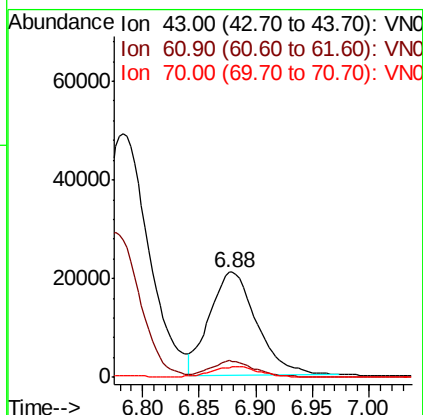
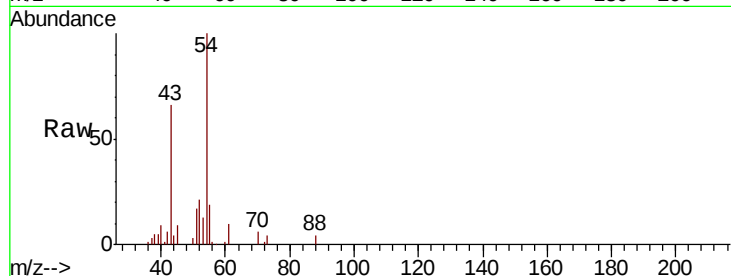




#37
Ethyl Acetate
Concen: 18.158 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

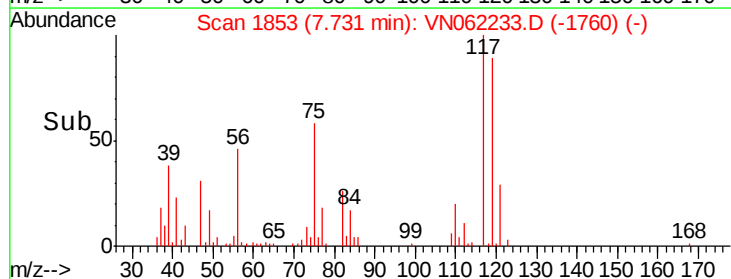
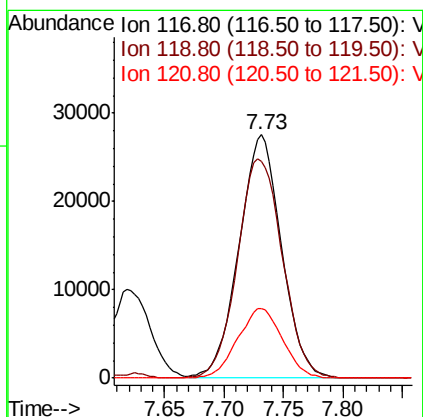
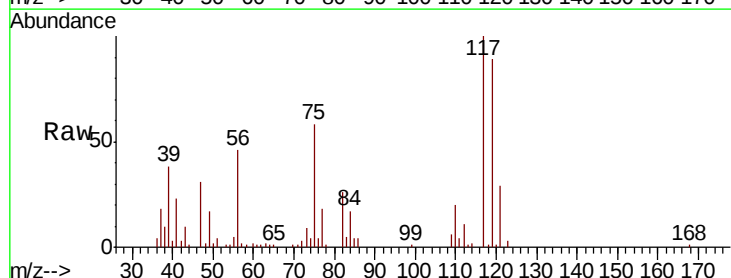
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

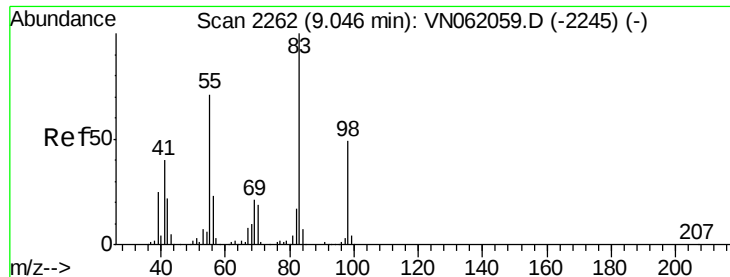
Tot Ion: 43 Resp: 60933
Ion Ratio Lower Upper
43 100
61 15.2 12.0 18.0
70 10.5 9.6 14.4



#38
Carbon Tetrachloride
Concen: 17.826 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Tgt Ion: 117 Resp: 68106
Ion Ratio Lower Upper
117 100
119 89.0 78.2 117.2
121 28.5 25.8 38.6

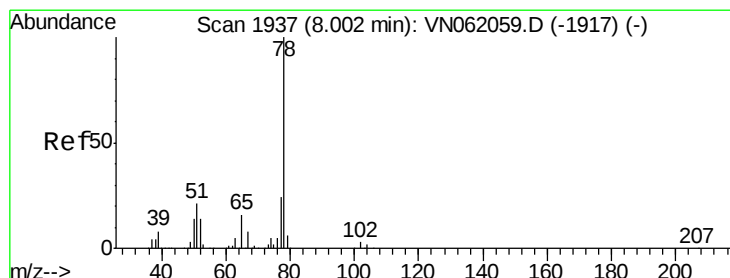
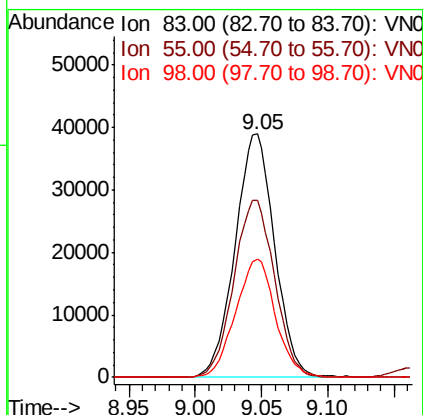
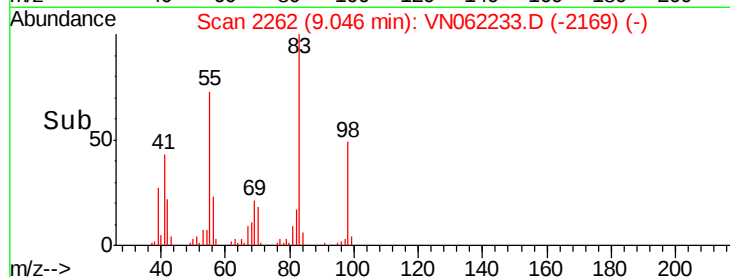
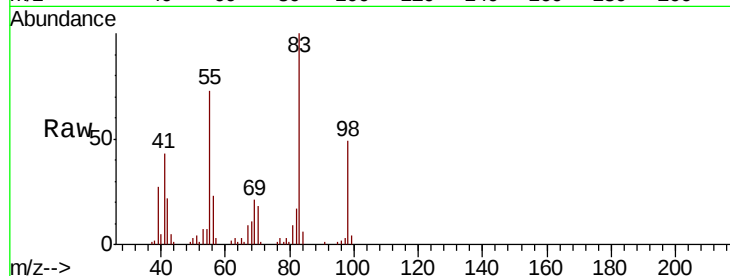




#39
Methvlcvclohexane
Concen: 18.195 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

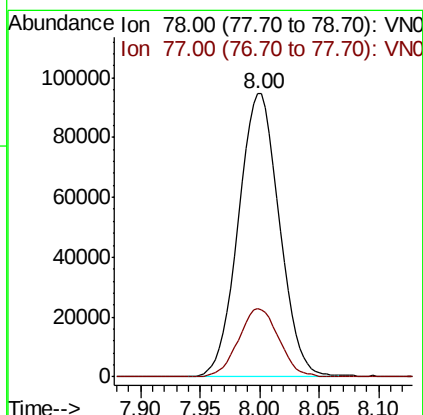
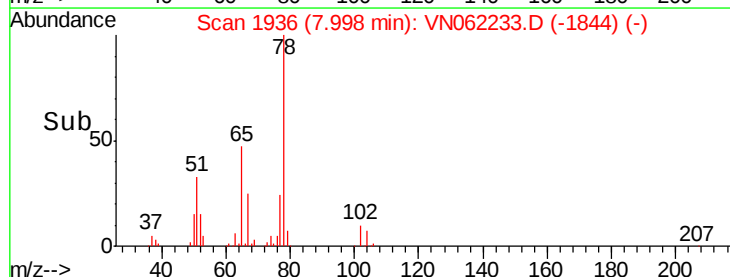
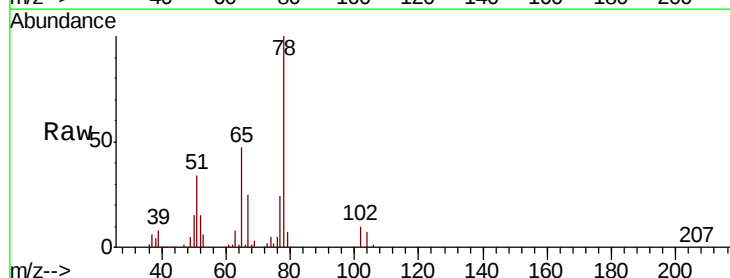
Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

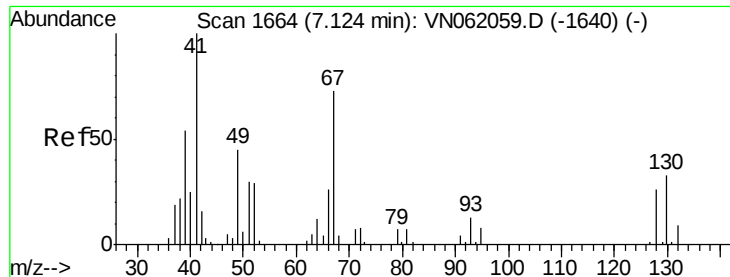
Tot Ion: 83 Resp: 80793
Ion Ratio Lower Upper
83 100
55 72.7 57.0 85.6
98 48.7 39.0 58.6



#40
Benzene
Concen: 18.292 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Tgt Ion: 78 Resp: 225947
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

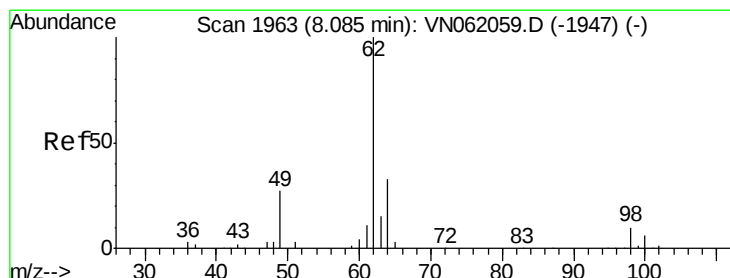
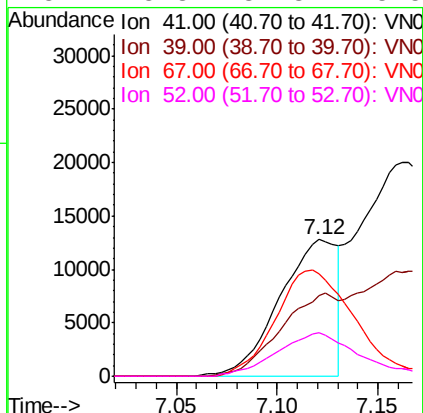
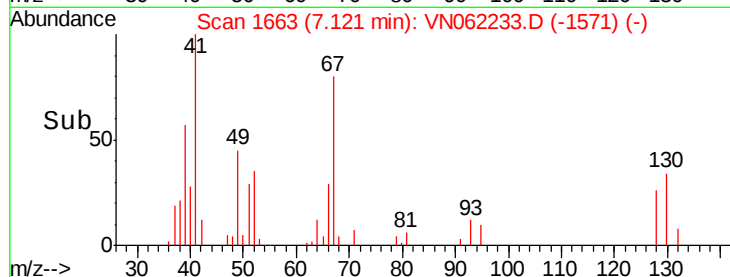
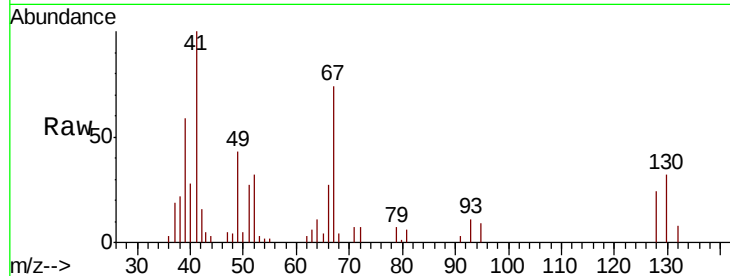




#41
Methacrylonitrile
Concen: 16.347 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

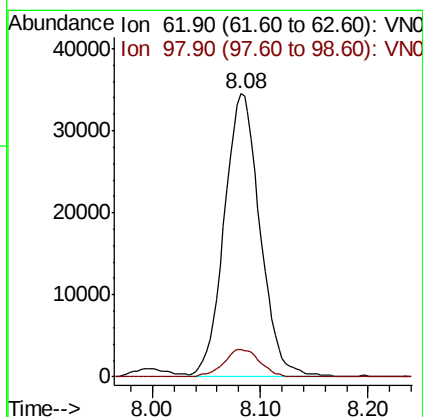
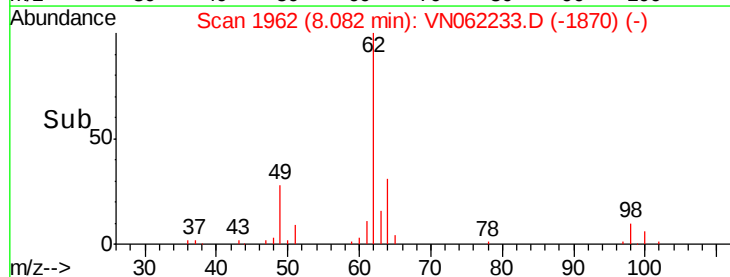
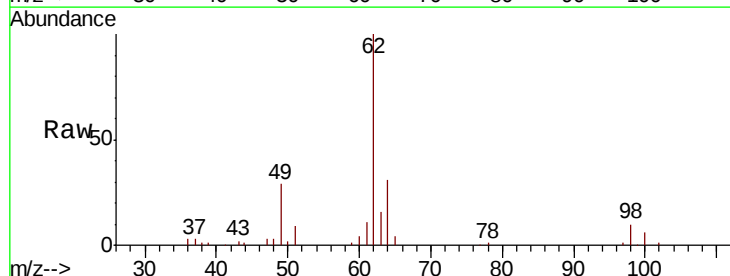
Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

Tot Ion:	41	Resp:	25432
Ion	Ratio	Lower	Upper
41	100		
39	59.6	44.2	66.2
67	108.1	79.5	119.3
52	45.3	32.3	48.5



#42
1,2-Dichloroethane
Concen: 19.146 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Tgt Ion:	62	Resp:	79900
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.542 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

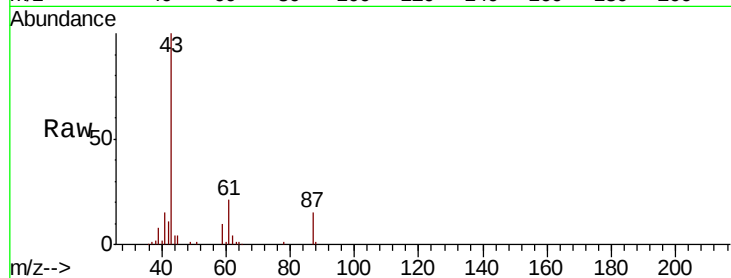
Tot Ion: 43 Resp: 101430

Ion Ratio Lower Upper

43 100

61 29.5 17.2 25.8#

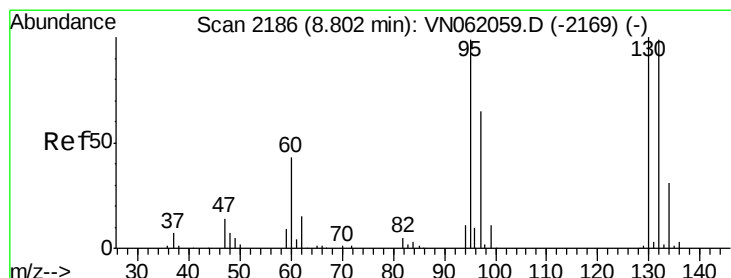
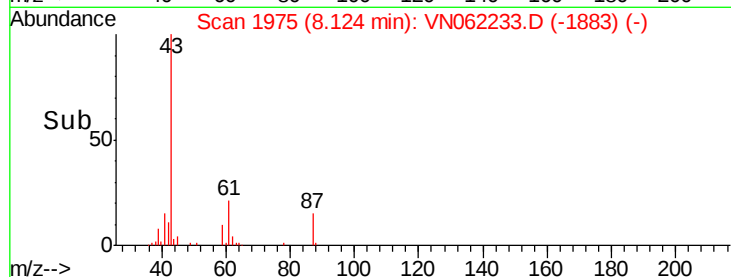
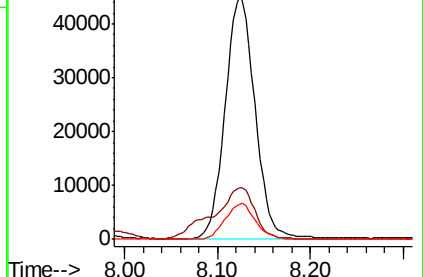
87 14.8 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 17.171 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062233.D

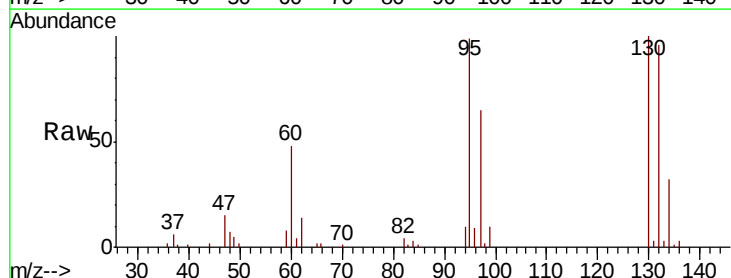
Acq: 30 Jun 2020 12:26

Tgt Ion:130 Resp: 53503

Ion Ratio Lower Upper

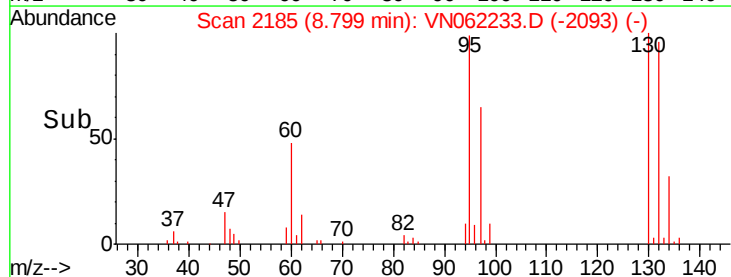
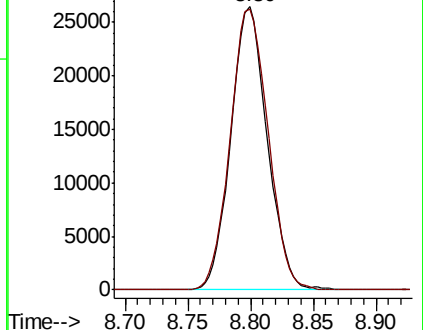
130 100

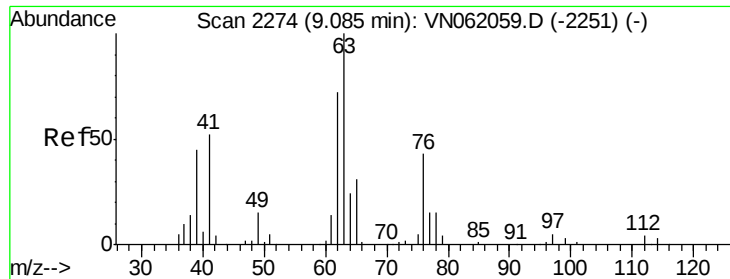
95 99.1 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 19.237 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

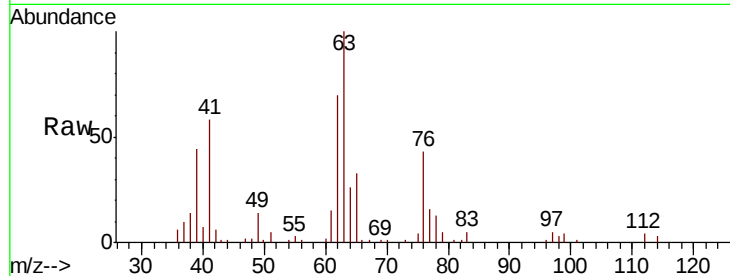
VN0630WBS01

Tot Ion: 63 Resp: 58621

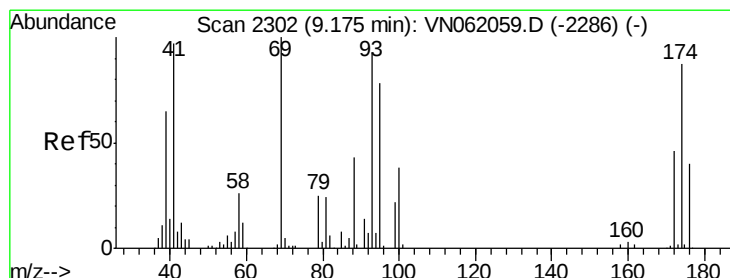
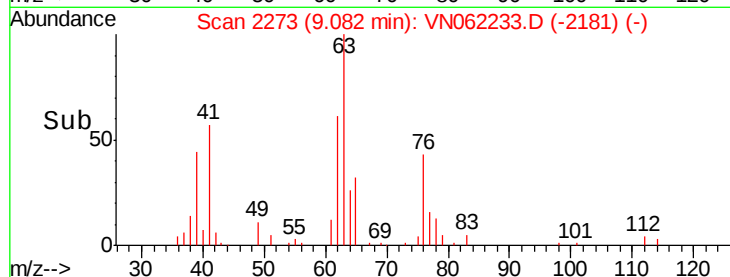
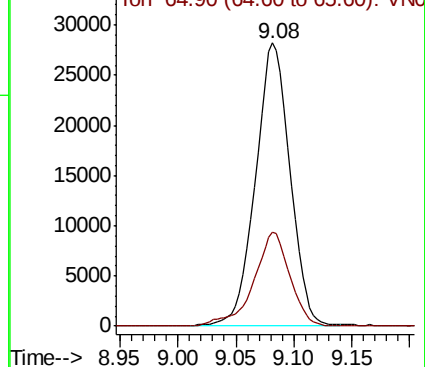
Ion Ratio Lower Upper

63 100

65 33.0 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN062233.D (-2273) (-)



#46

Dibromomethane

Concen: 18.382 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

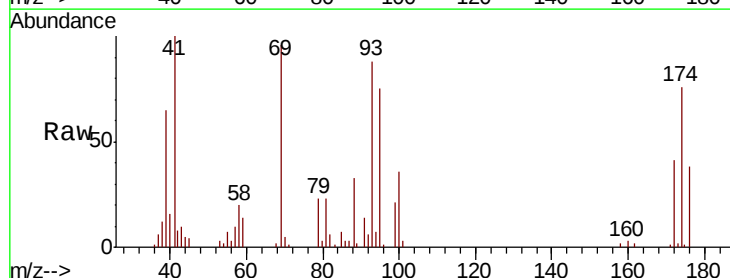
Tgt Ion: 93 Resp: 37979

Ion Ratio Lower Upper

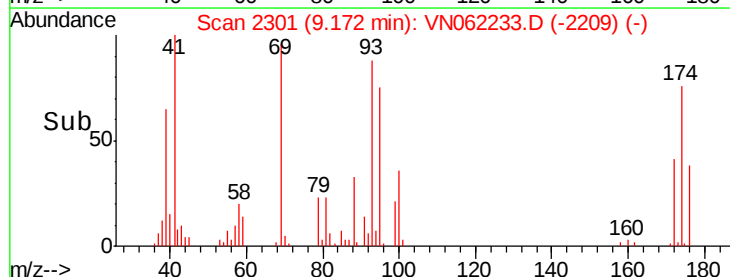
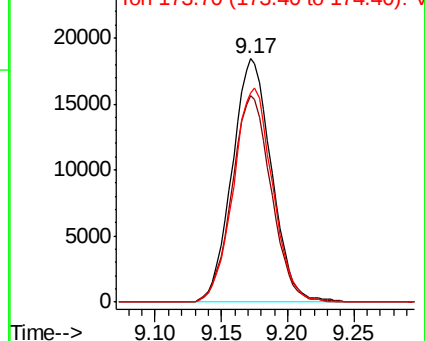
93 100

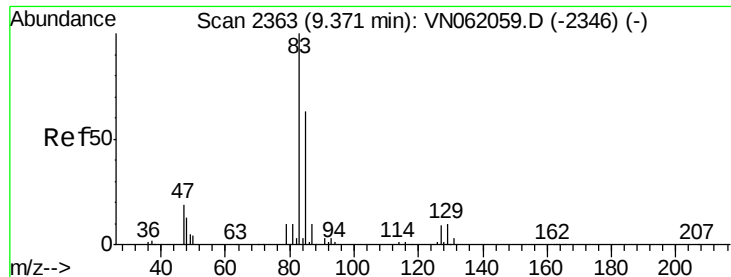
95 84.4 67.0 100.6

174 87.3 74.4 111.6



Abundance Ion 92.80 (92.50 to 93.50): VN062233.D (-2301) (-)

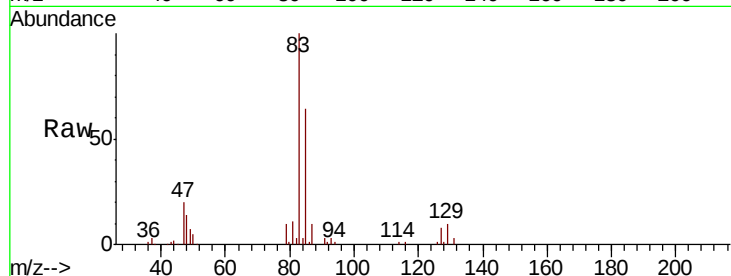




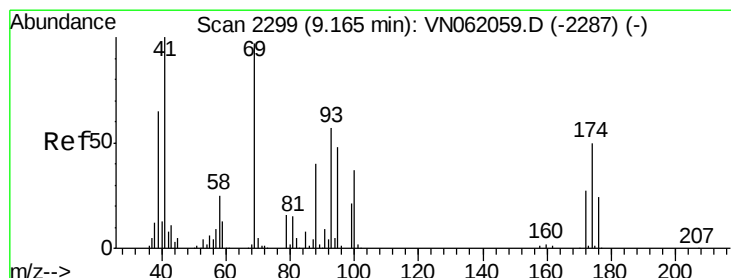
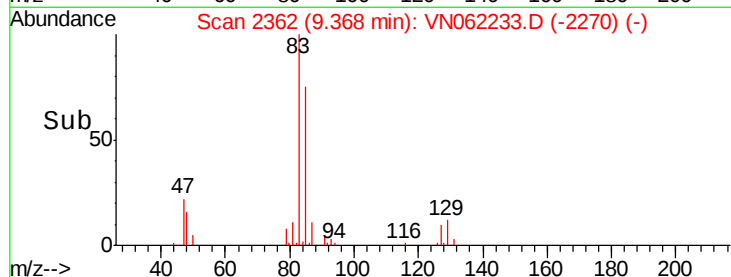
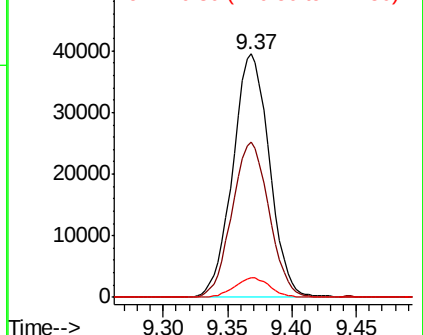
#47
Bromodichloromethane
Concen: 18.740 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

Tot Ion: 83 Resp: 78176
Ion Ratio Lower Upper
83 100
85 63.9 50.3 75.5
127 8.1 6.9 10.3

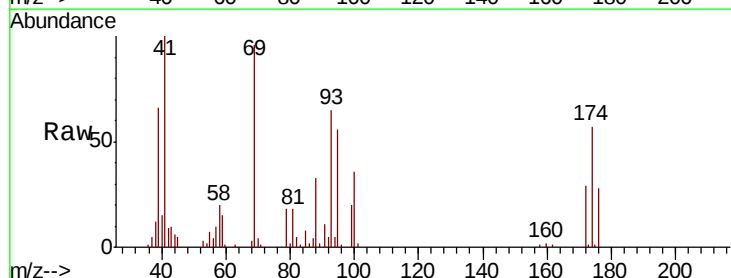


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

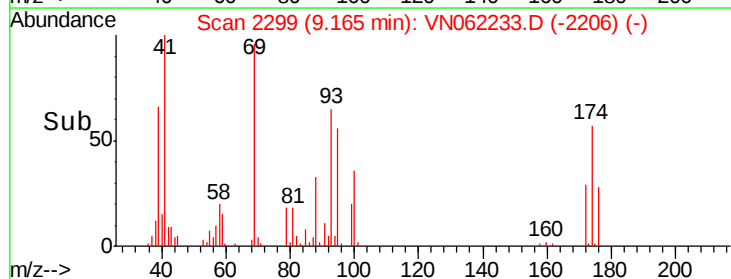
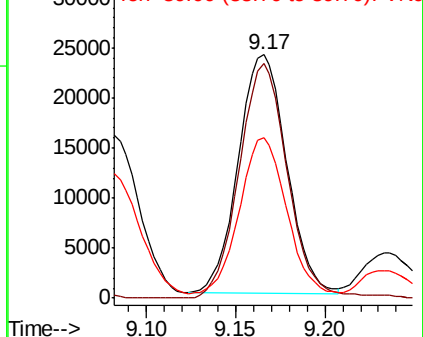


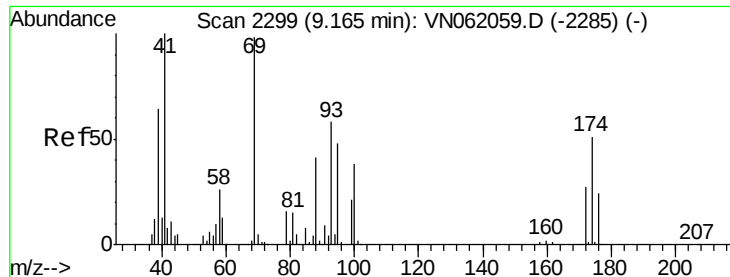
#48
Methyl methacrylate
Concen: 18.406 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Tgt Ion: 41 Resp: 45146
Ion Ratio Lower Upper
41 100
69 98.9 80.7 121.1
39 67.7 54.5 81.7



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

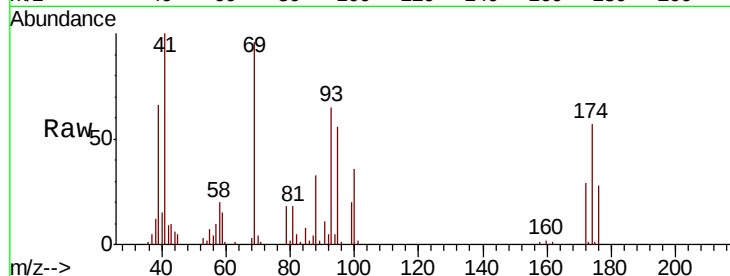




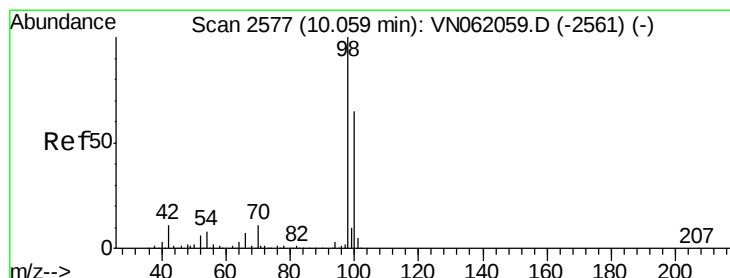
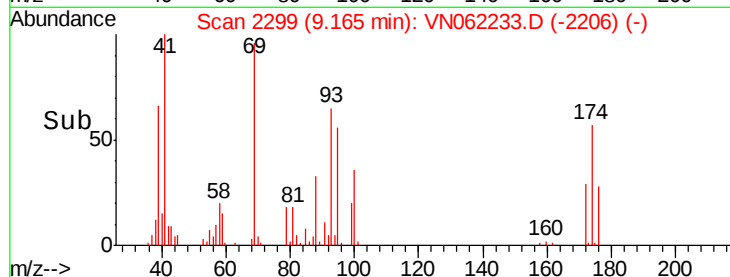
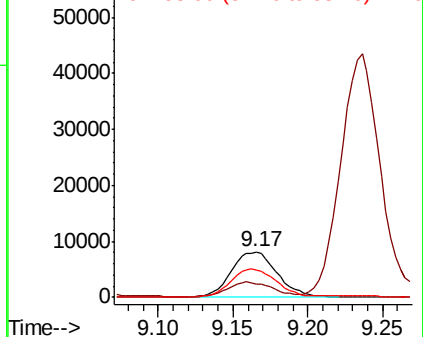
#49
 1,4-Dioxane
 Concen: 318.994 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

Tot Ion: 88 Resp: 17351
 Ion Ratio Lower Upper
 88 100
 43 34.6 22.0 33.0#
 58 62.9 49.2 73.8

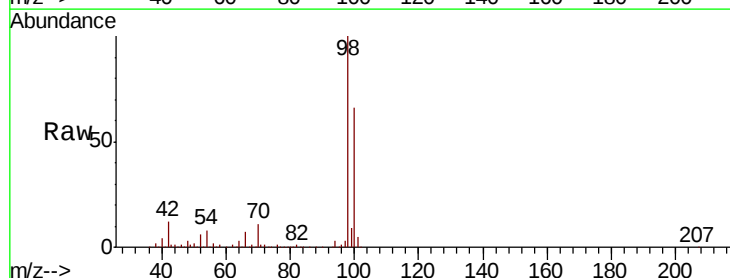


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

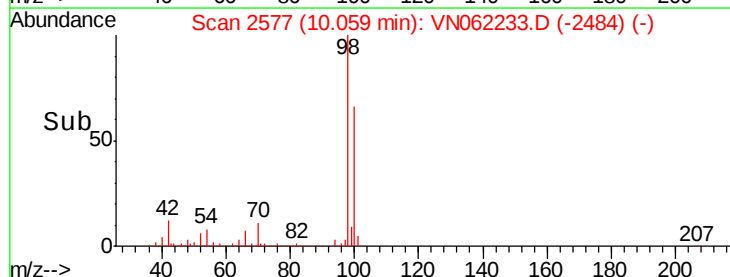
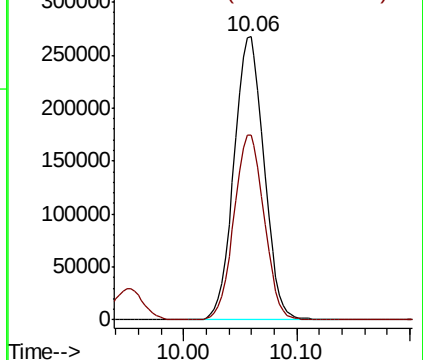


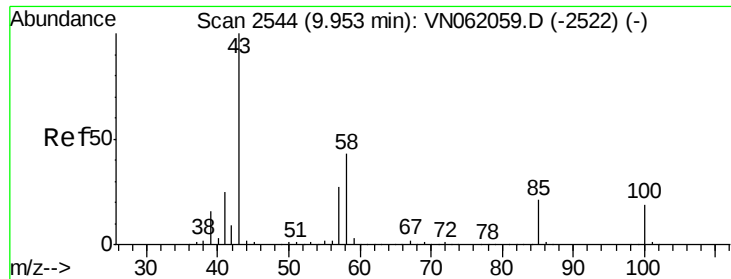
#50
 Toluene-d8
 Concen: 47.893 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Tgt Ion: 98 Resp: 495186
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.2 76.8



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: 94.737 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

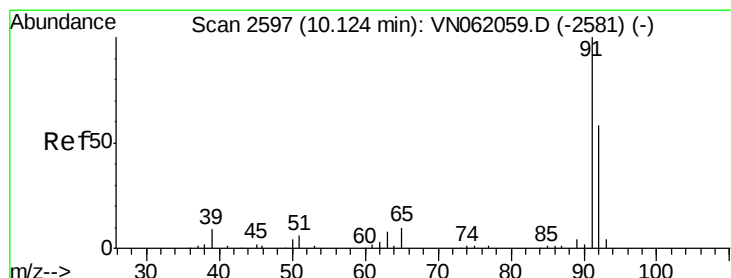
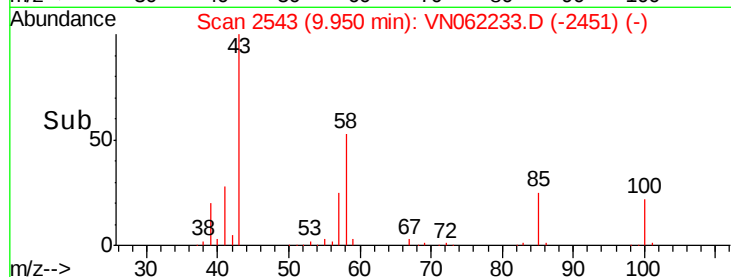
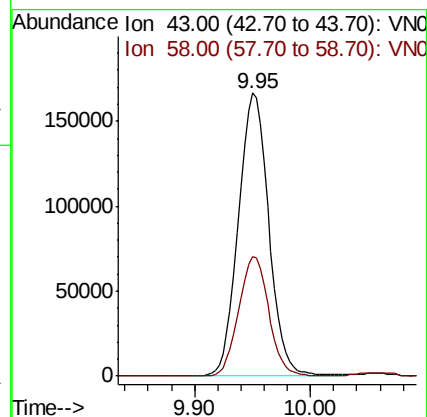
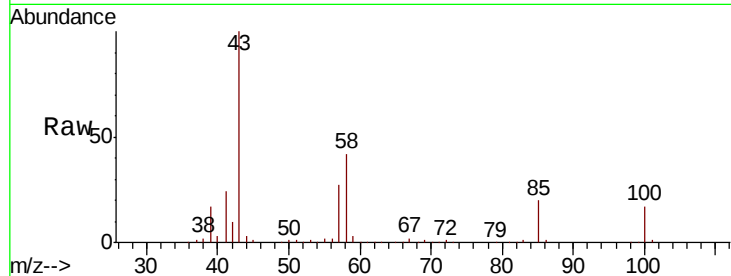
VN0630WBS01

Tot Ion: 43 Resp: 302789

Ion Ratio Lower Upper

43 100

58 41.9 34.2 51.2



#52

Toluene

Concen: 18.698 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062233.D

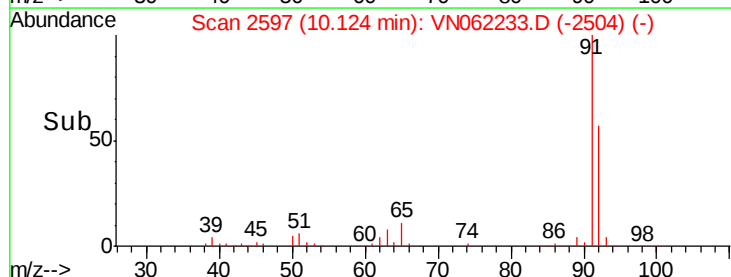
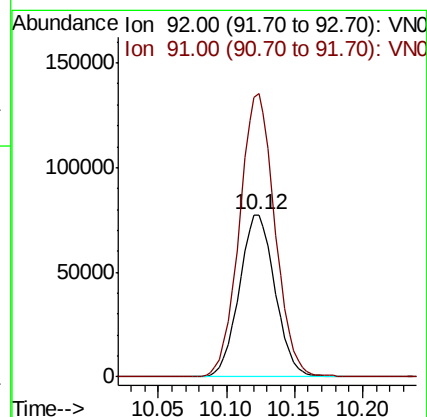
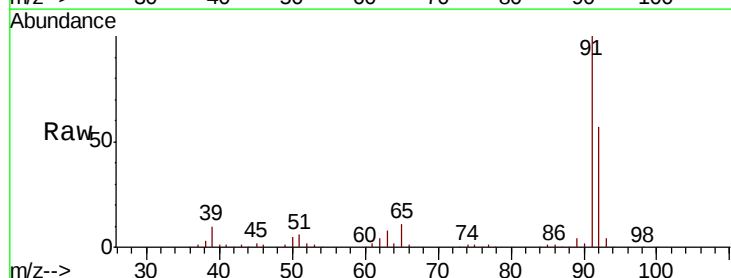
Acq: 30 Jun 2020 12:26

Tgt Ion: 92 Resp: 140918

Ion Ratio Lower Upper

92 100

91 173.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.000 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

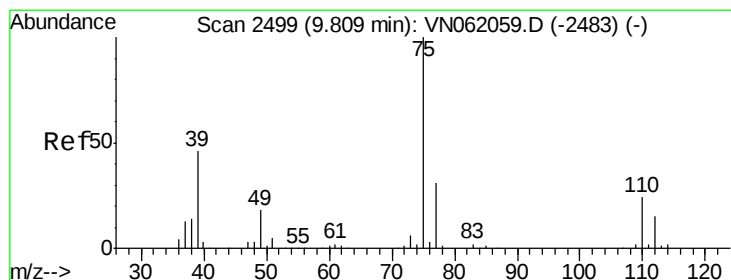
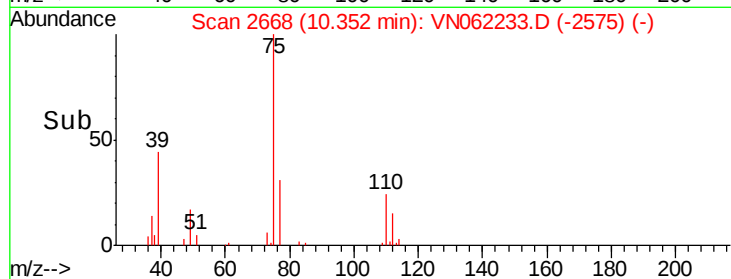
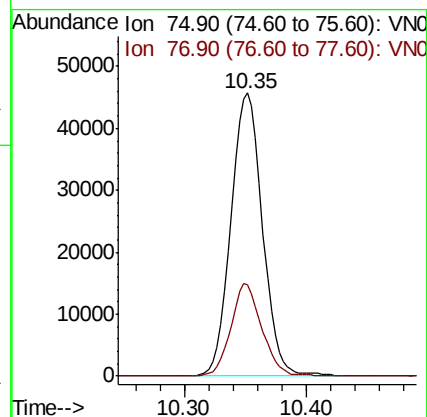
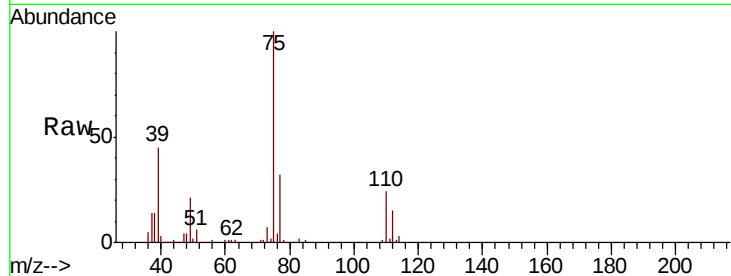
VN0630WBS01

Tot Ion: 75 Resp: 82615

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.903 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

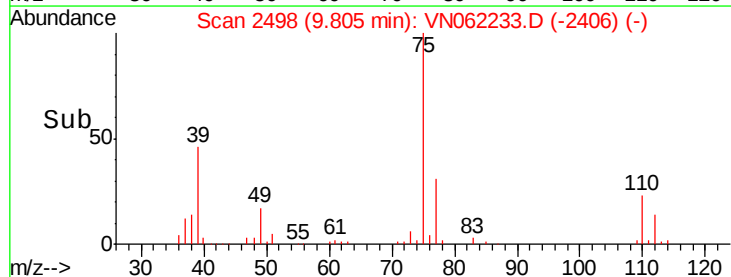
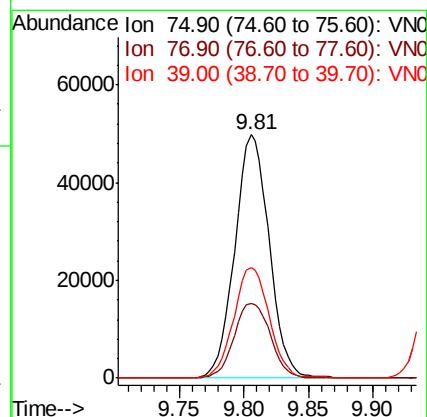
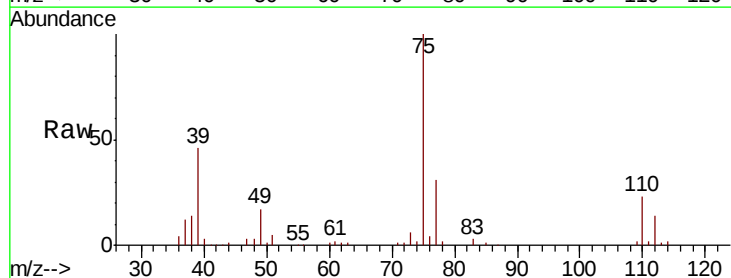
Tgt Ion: 75 Resp: 92365

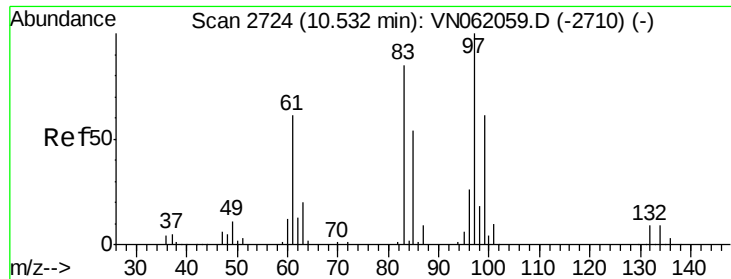
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

39 45.5 36.9 55.3

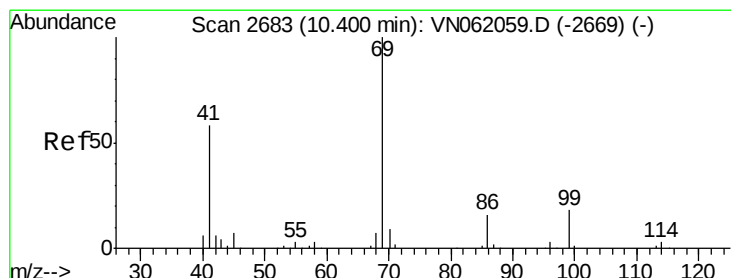
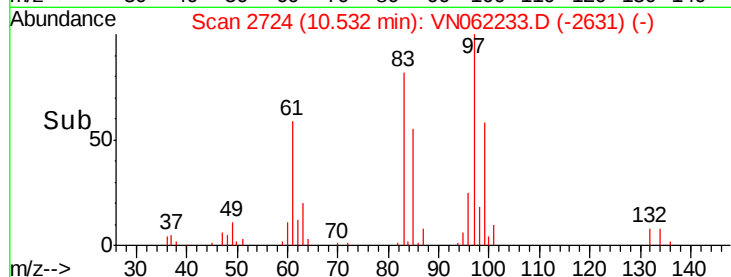
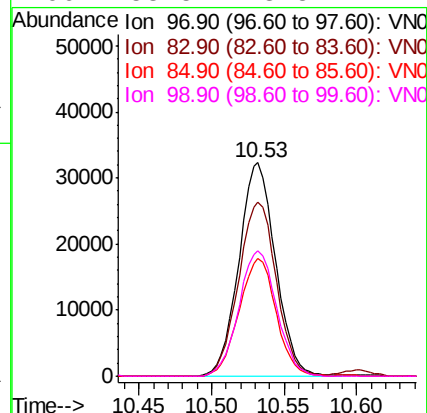
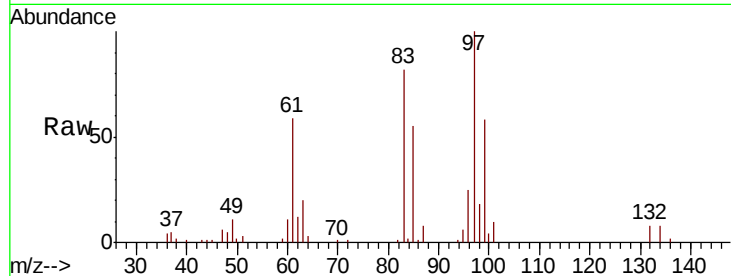




#55
 1,1,2-Trichloroethane
 Concen: 19.207 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

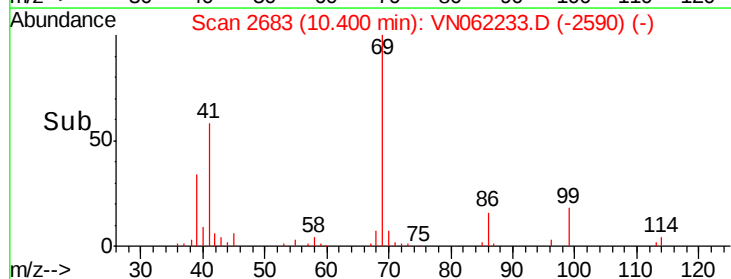
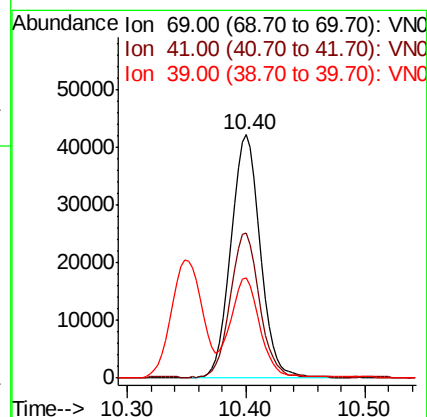
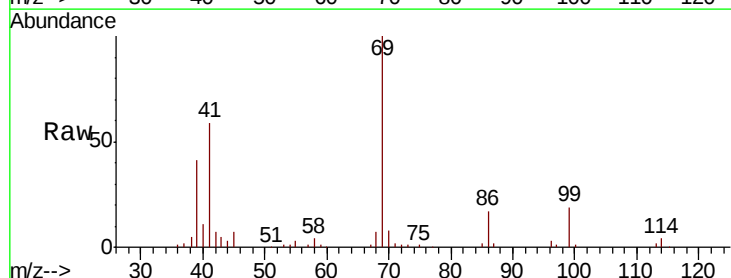
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

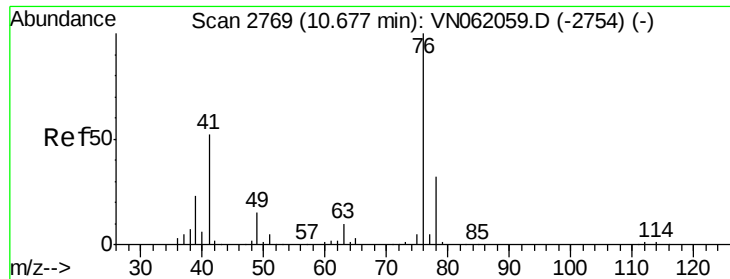
Tot Ion:	97	Resp:	56902
Ion	Ratio	Lower	Upper
97	100		
83	81.8	68.2	102.2
85	55.3	43.2	64.8
99	58.5	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 18.340 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Tgt Ion:	69	Resp:	72508
Ion	Ratio	Lower	Upper
69	100		
41	60.3	46.6	70.0
39	41.1	31.0	46.4

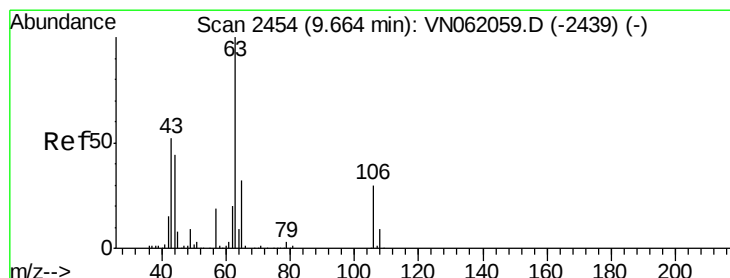
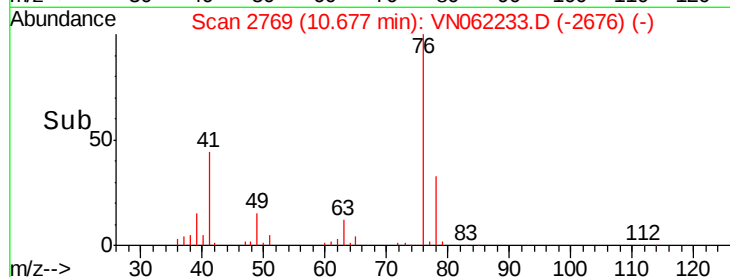
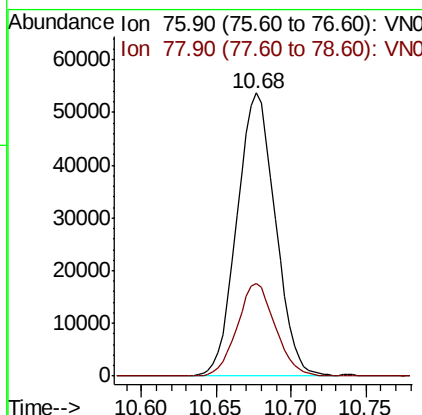
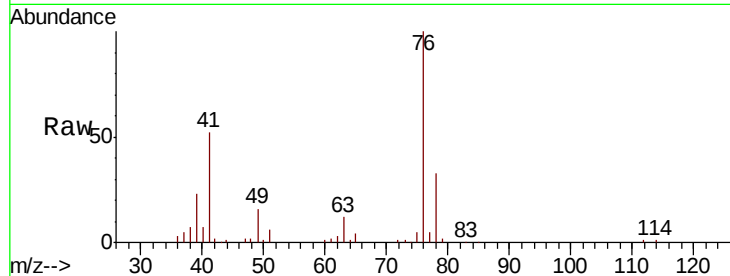




#57
 1,3-Dichloropropane
 Concen: 18.856 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

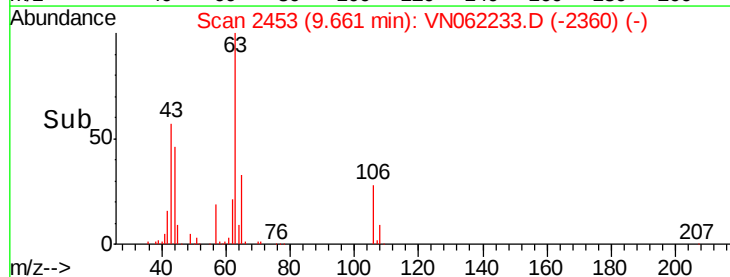
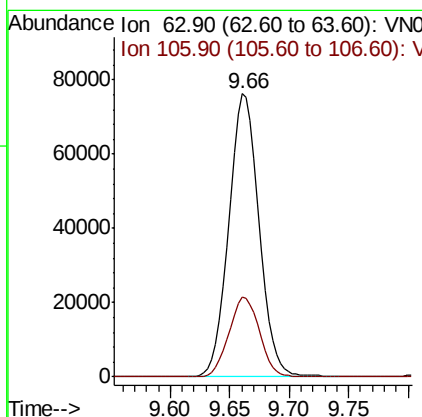
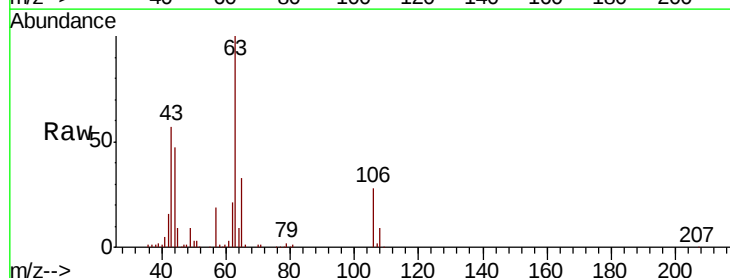
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

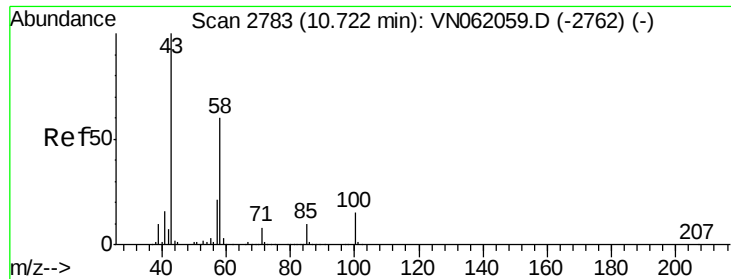
Tot Ion: 76 Resp: 96153
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.830 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Tgt Ion: 63 Resp: 134447
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.2 34.8

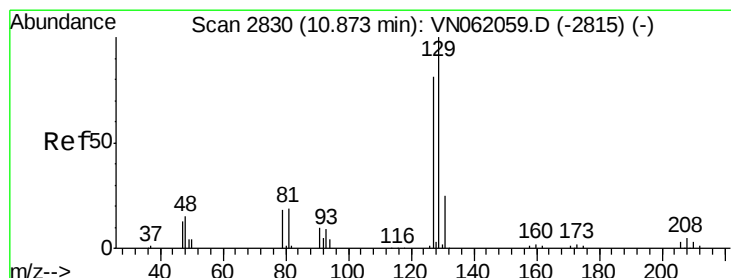
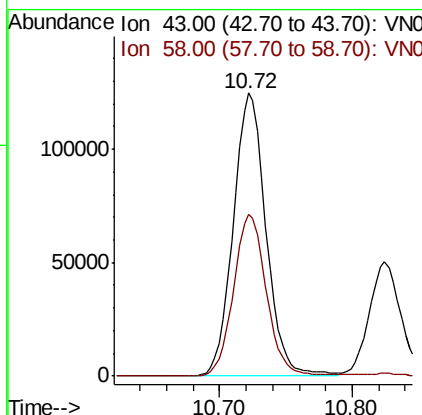
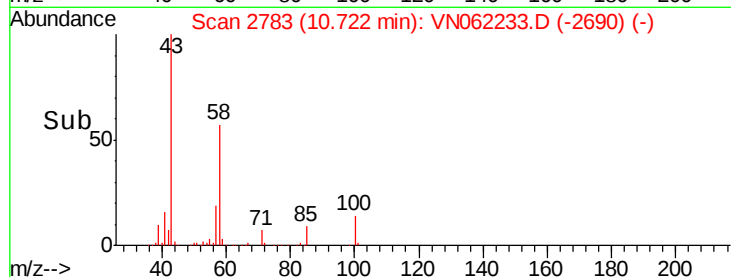
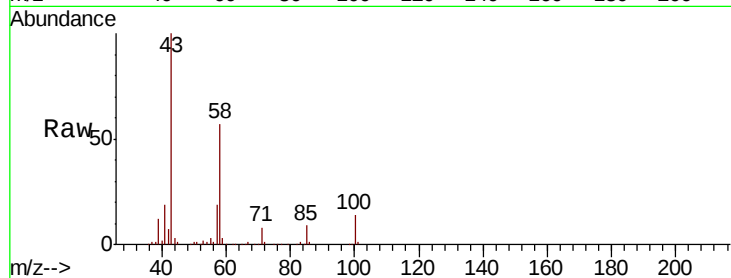




#59
2-Hexanone
Concen: 92.273 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

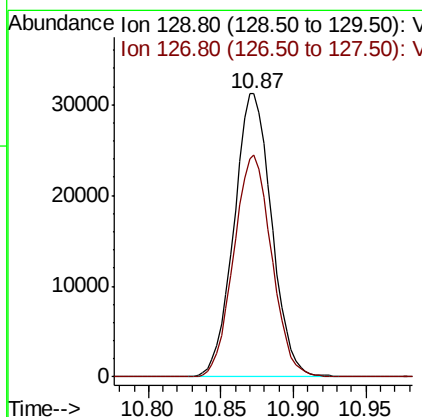
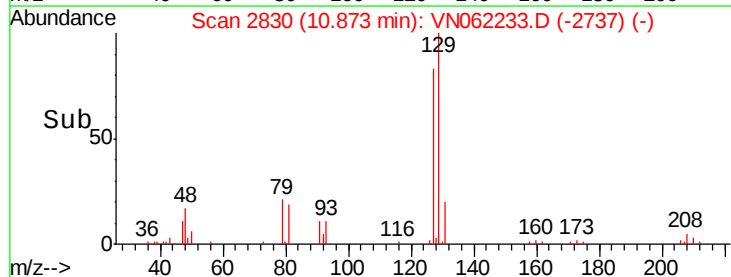
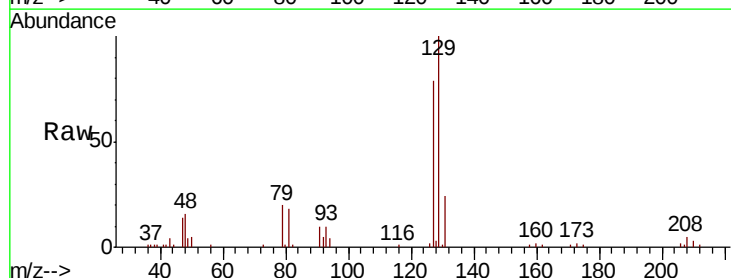
Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

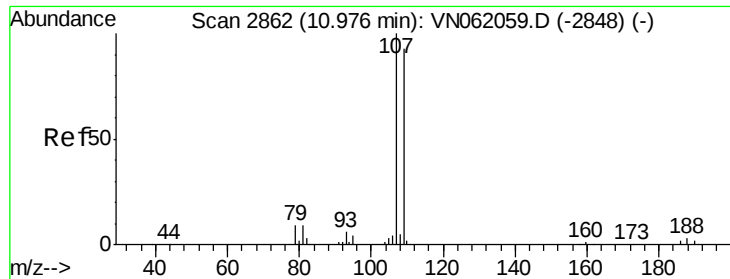
Tot Ion: 43 Resp: 212957
Ion Ratio Lower Upper
43 100
58 57.4 29.5 88.5



#60
Dibromochloromethane
Concen: 17.980 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Tgt Ion:129 Resp: 56395
Ion Ratio Lower Upper
129 100
127 78.5 39.5 118.5

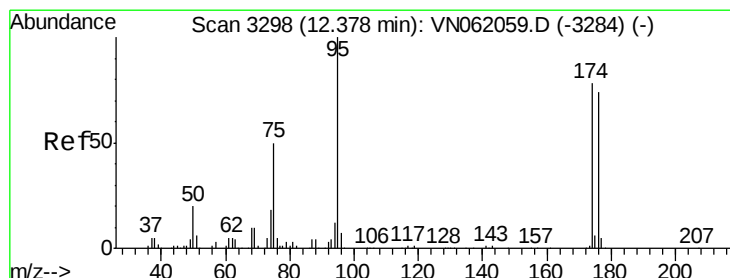
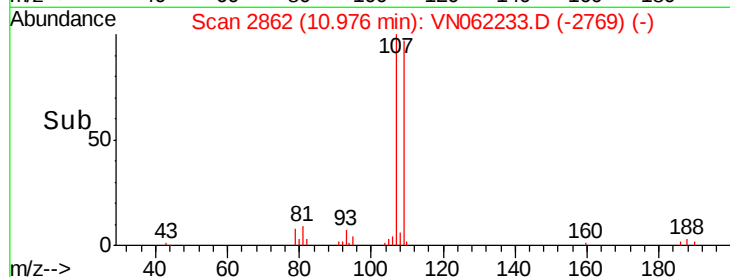
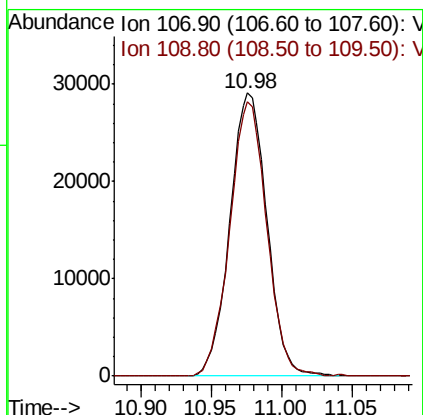
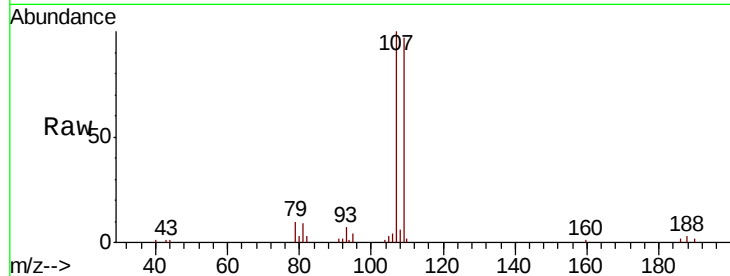




#61
 1,2-Dibromoethane
 Concen: 17.577 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

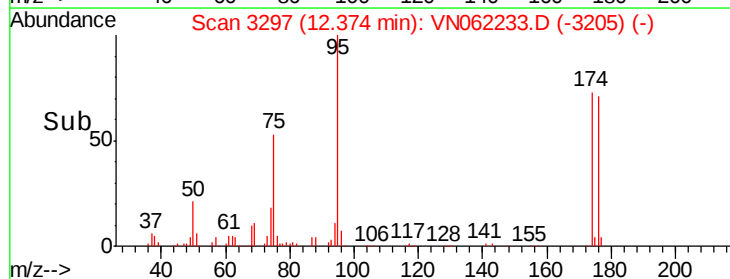
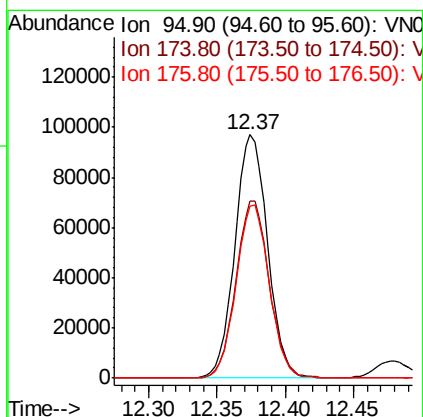
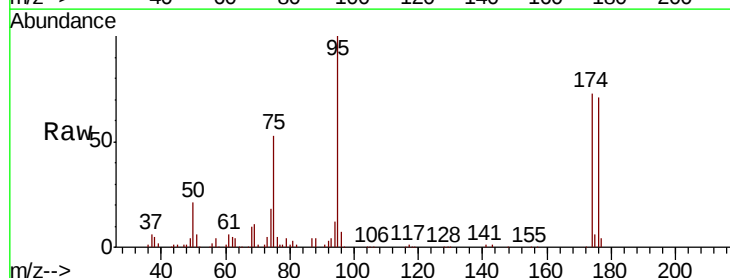
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

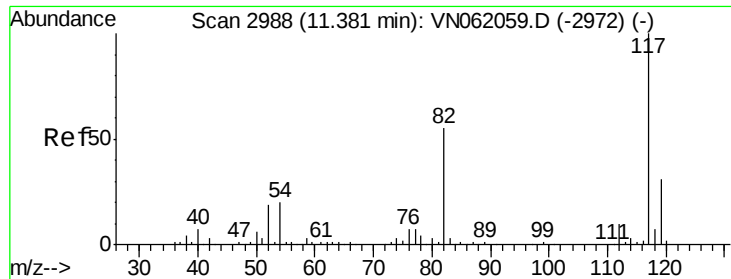
Tot Ion:107 Resp: 53506
 Ion Ratio Lower Upper
 107 100
 109 96.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.313 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Tgt Ion: 95 Resp: 161781
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 154.8
 176 72.1 0.0 147.4

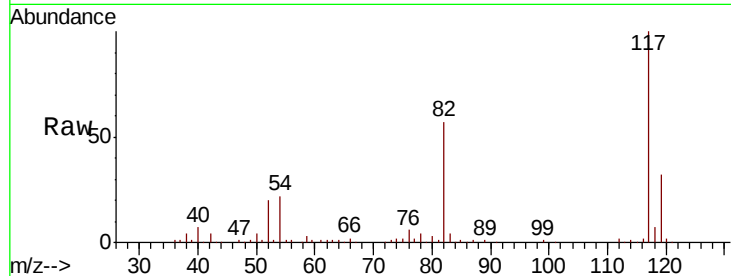




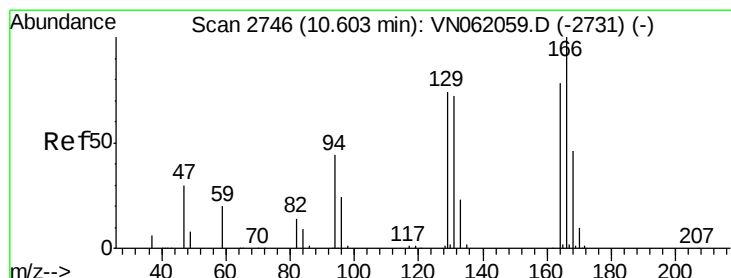
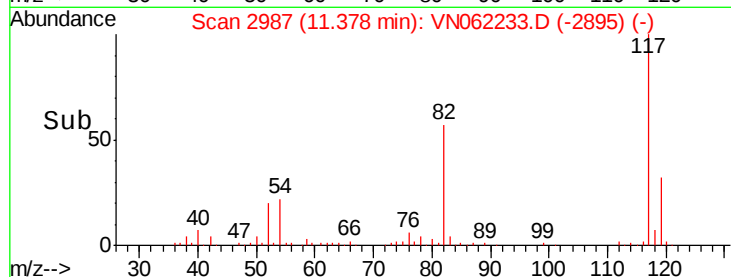
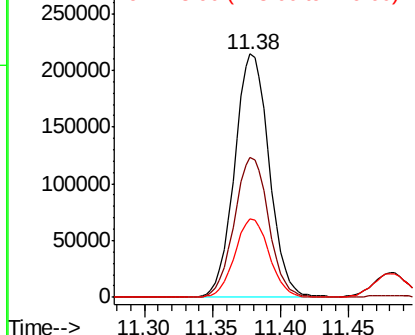
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

Tot Ion:117 Resp: 377165
Ion Ratio Lower Upper
117 100
82 57.4 43.8 65.8
119 32.1 25.2 37.8

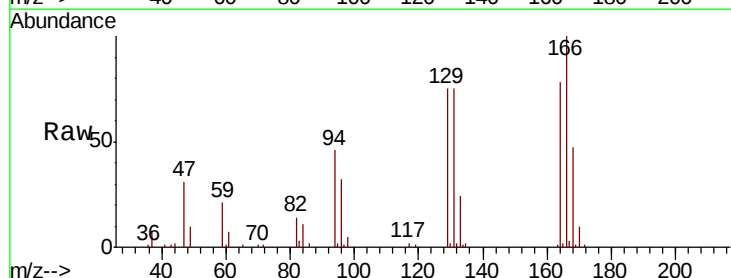


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

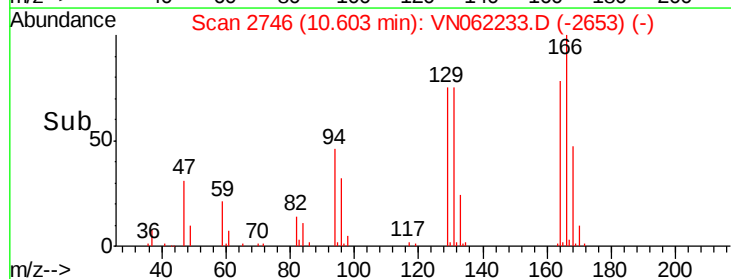
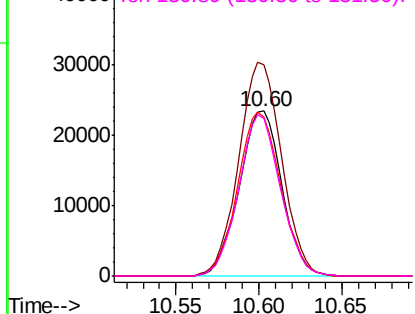


#64
Tetrachloroethene
Concen: 16.259 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Tgt Ion:164 Resp: 41889
Ion Ratio Lower Upper
164 100
166 128.2 102.9 154.3
129 96.5 75.8 113.8
131 95.5 73.8 110.6



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

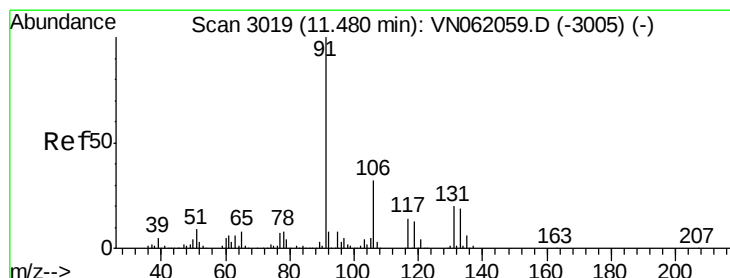
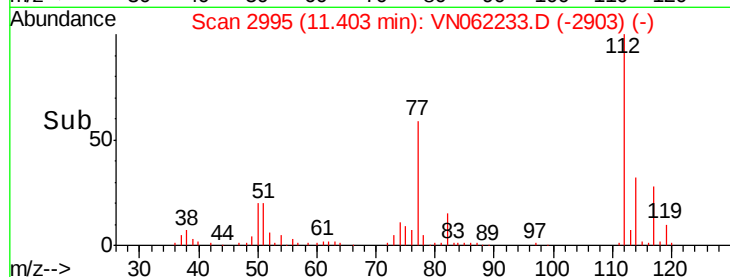
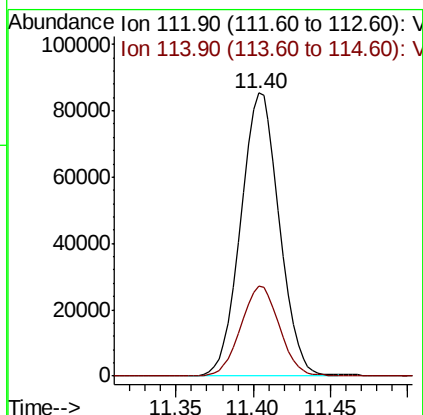
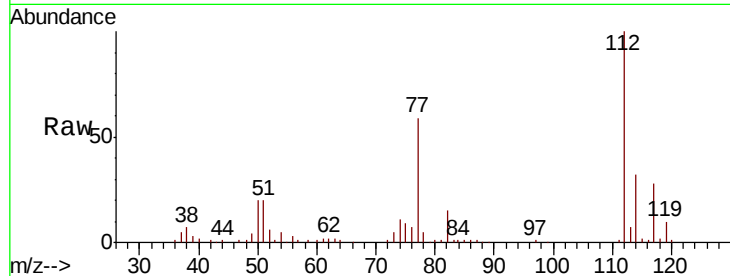




#65
Chlorobenzene
Concen: 17.901 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

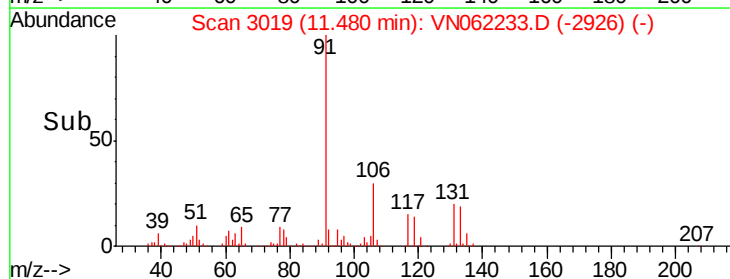
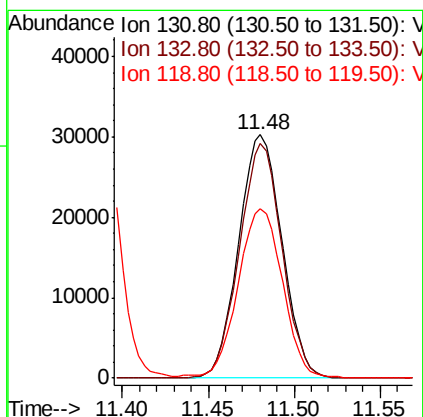
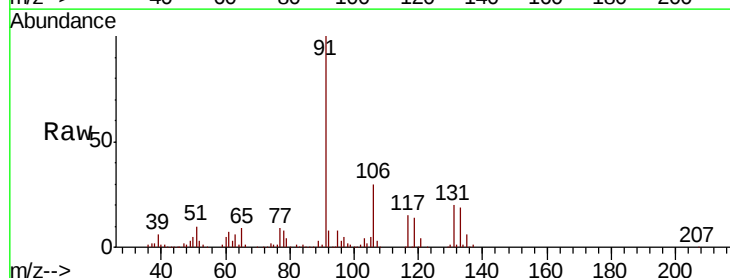
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

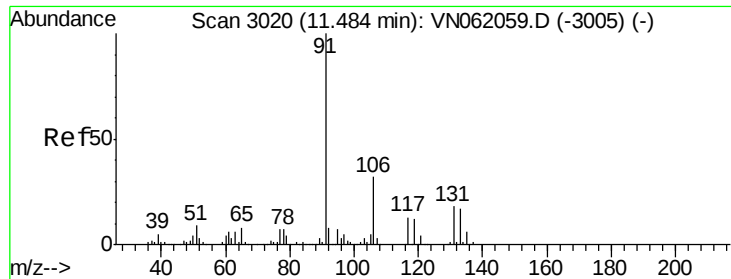
Tot Ion:112 Resp: 148268
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.436 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Tgt Ion:131 Resp: 52802
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 71.4 34.4 103.3

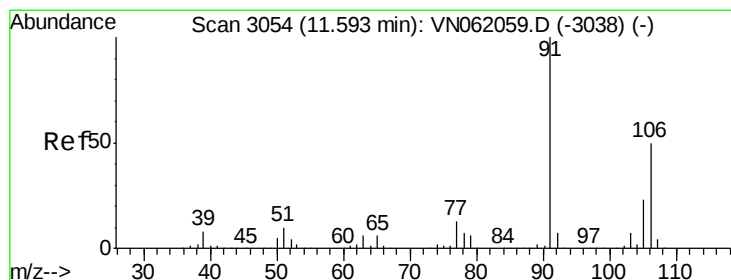
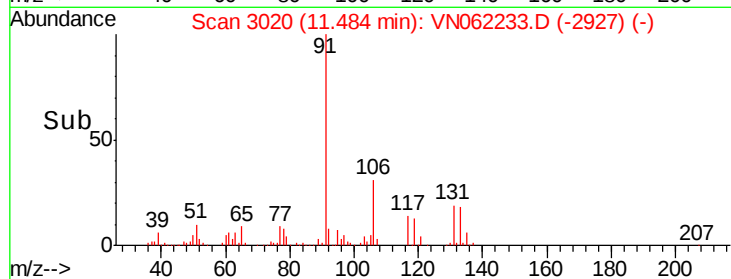
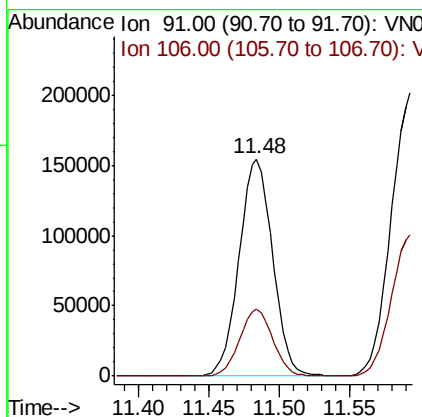
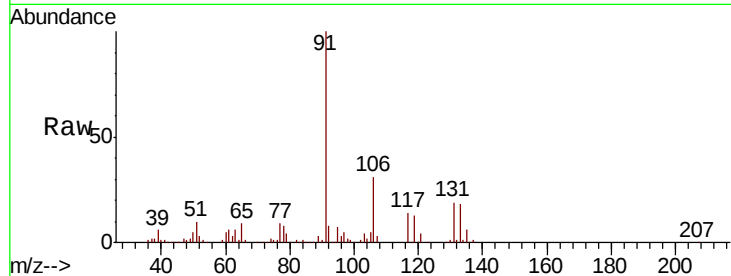




#67
Ethyl Benzene
Concen: 18.412 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

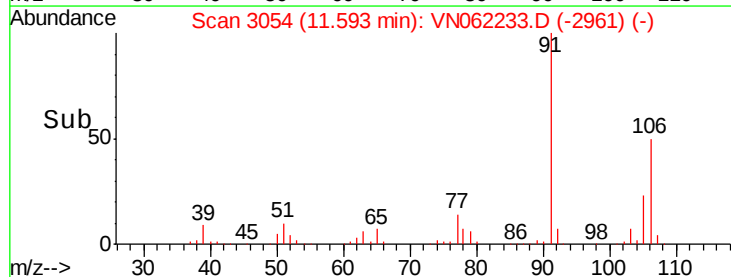
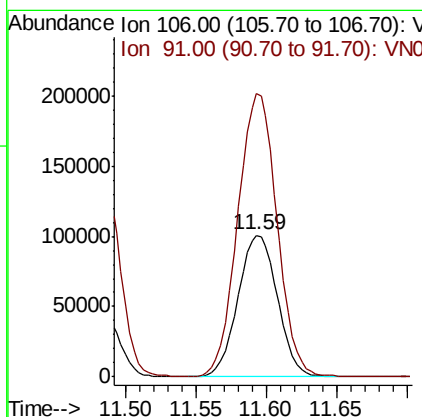
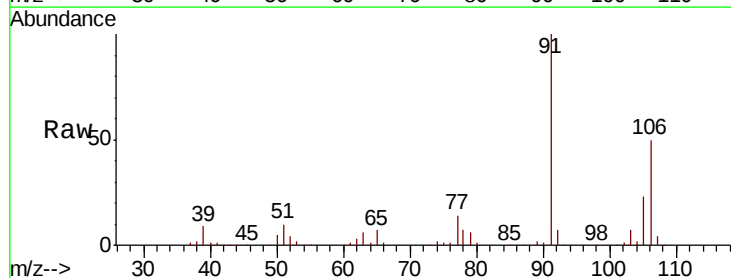
Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

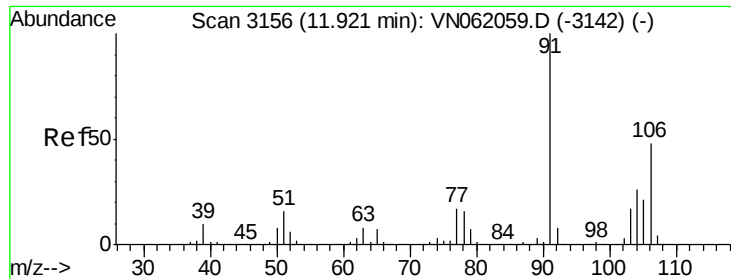
Tot Ion: 91 Resp: 257552
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9



#68
m/p-Xylenes
Concen: 36.601 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Tgt Ion: 106 Resp: 198026
Ion Ratio Lower Upper
106 100
91 198.4 157.8 236.8

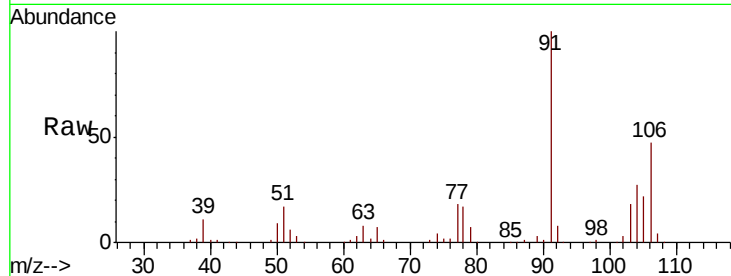




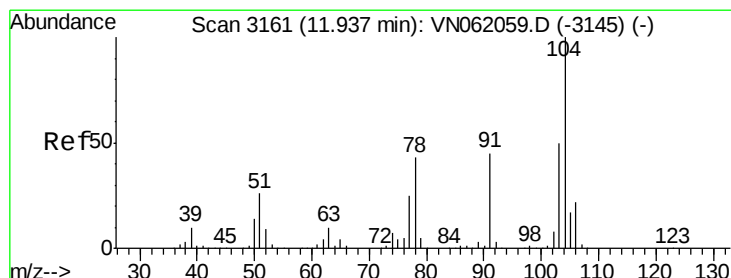
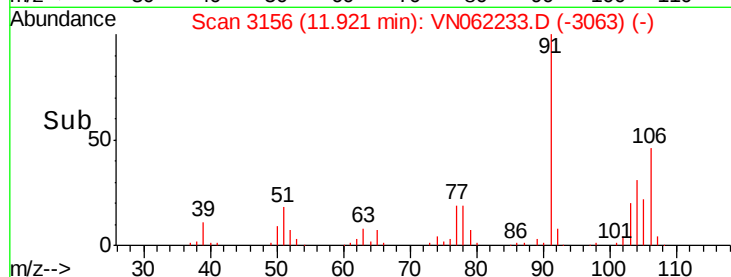
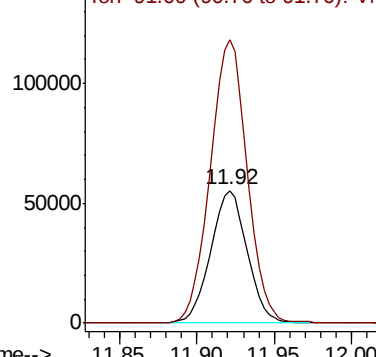
#69
o-Xylene
Concen: 17.812 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

Tot Ion:106 Resp: 90929
Ion Ratio Lower Upper
106 100
91 215.7 104.0 311.9

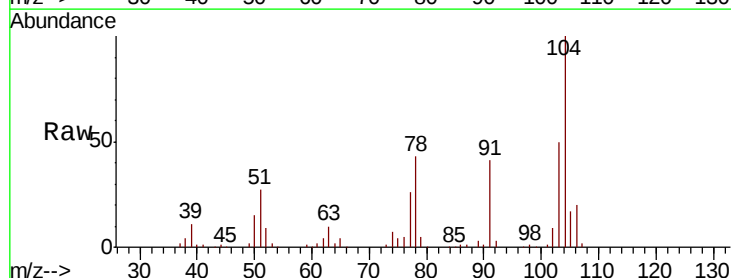


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

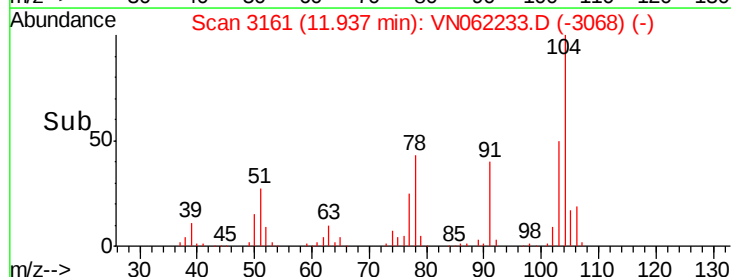
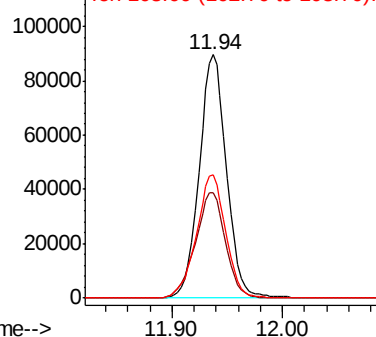


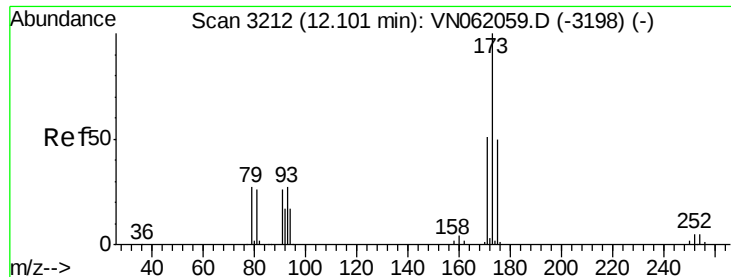
#70
Styrene
Concen: 17.983 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Tgt Ion:104 Resp: 153099
Ion Ratio Lower Upper
104 100
78 48.0 37.7 56.5
103 54.4 43.0 64.6



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





#71

Bromoform

Concen: 16.850 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS01

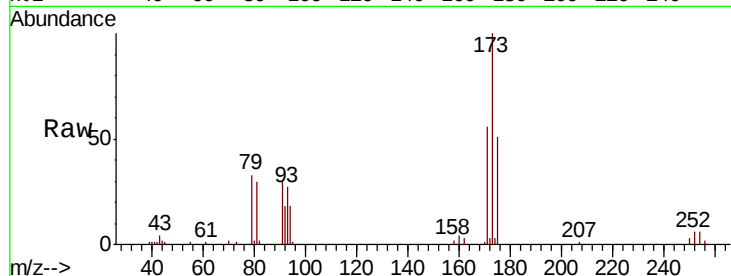
Tot Ion:173 Resp: 34313

Ion Ratio Lower Upper

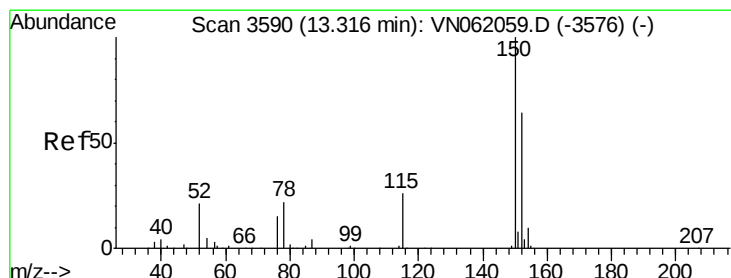
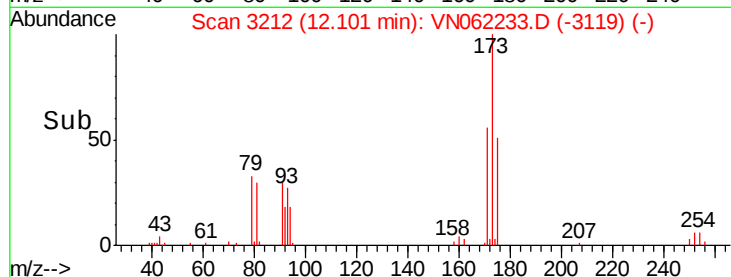
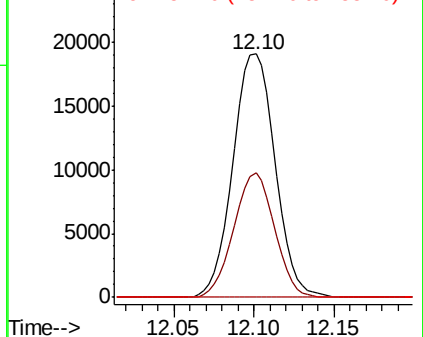
173 100

175 49.0 24.7 74.1

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# 3590

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

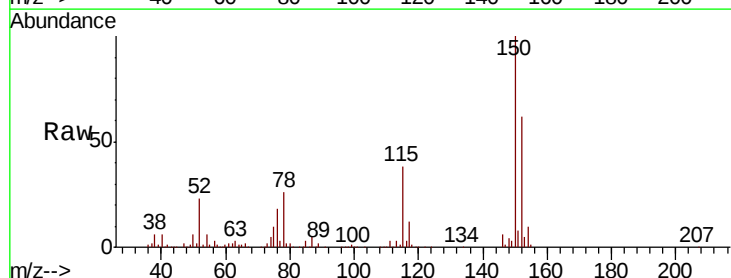
Tgt Ion:152 Resp: 166587

Ion Ratio Lower Upper

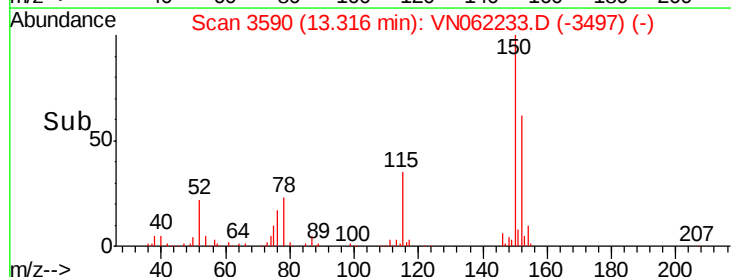
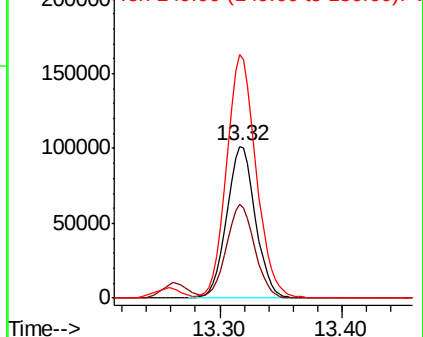
152 100

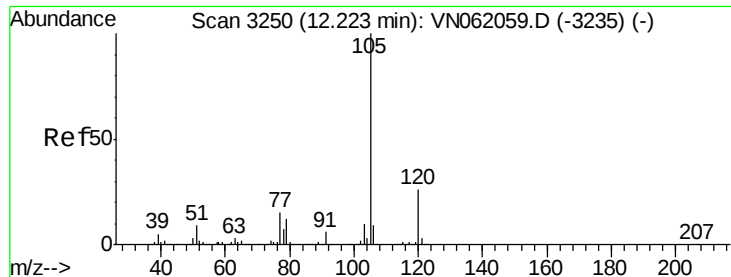
115 61.2 29.5 88.5

150 164.3 0.0 351.4



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





#73

Isopropylbenzene

Concen: 18.863 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

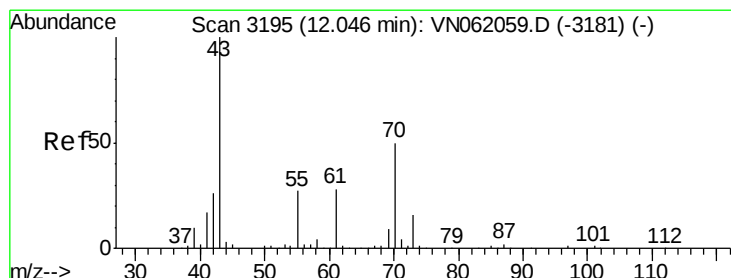
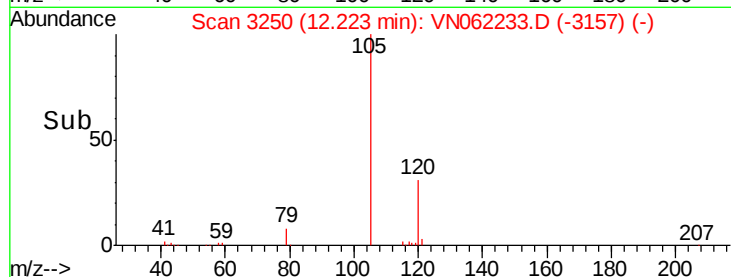
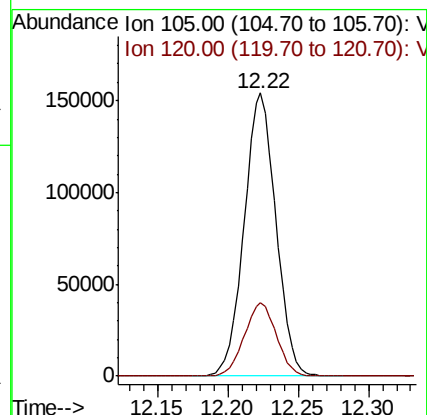
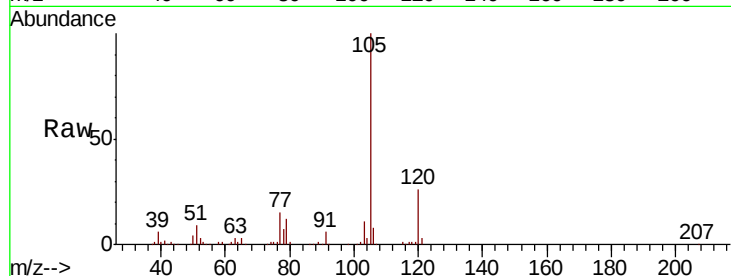
VN0630WBS01

Tot Ion:105 Resp: 243238

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 19.265 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Tgt Ion: 43 Resp: 80997

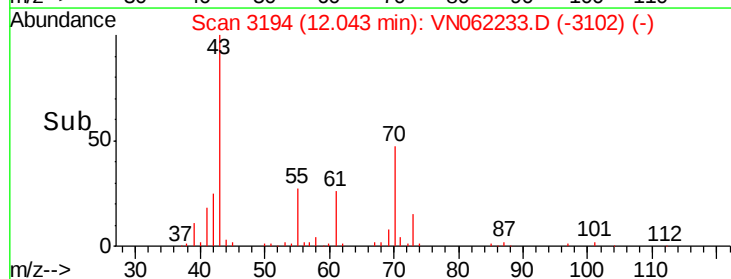
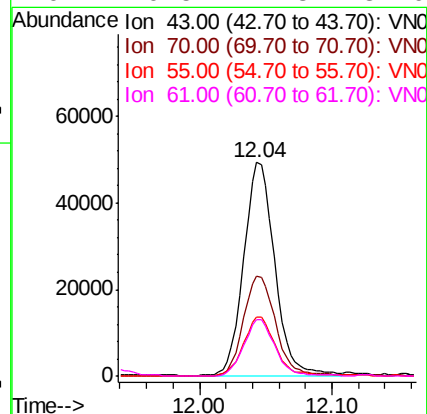
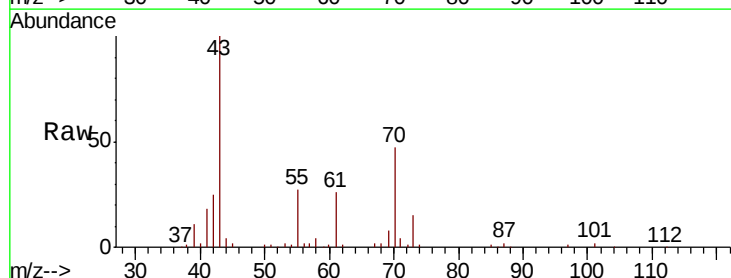
Ion Ratio Lower Upper

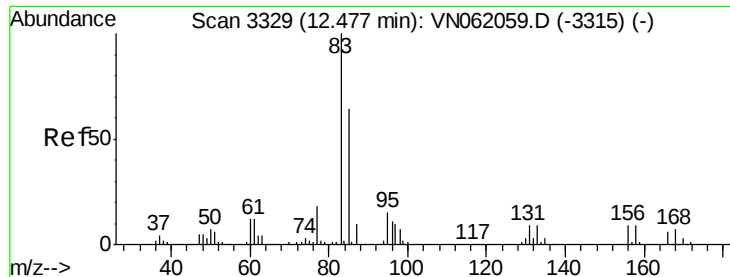
43 100

70 48.4 39.4 59.2

55 28.2 21.7 32.5

61 26.5 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.277 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

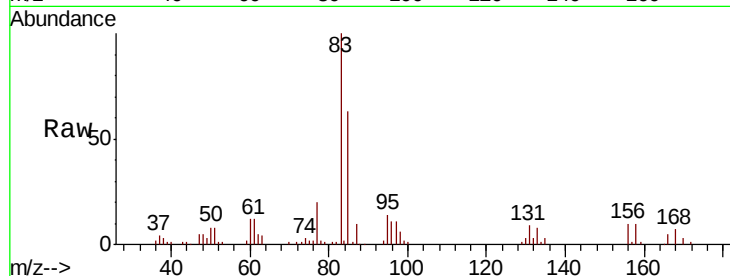
Tot Ion: 83 Resp: 82720

Ion Ratio Lower Upper

83 100

131 9.0 4.8 14.4

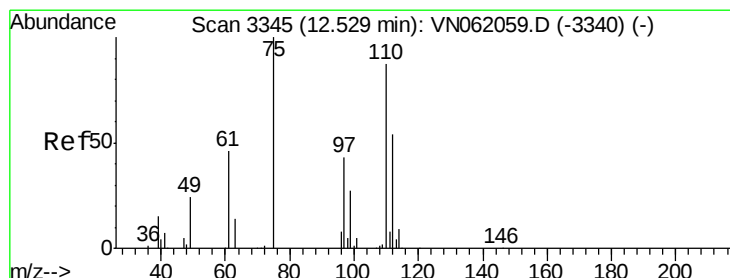
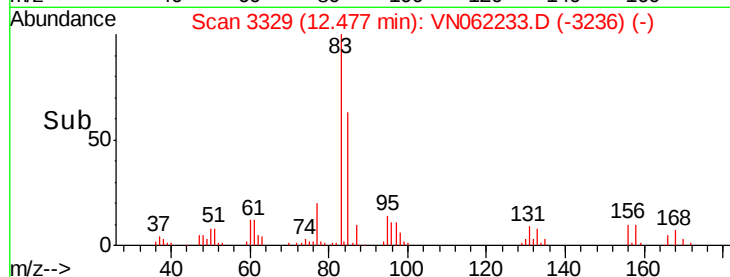
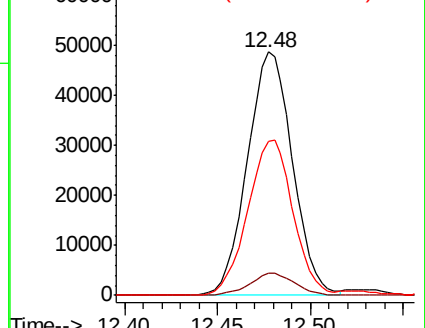
85 63.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062233.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062233.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062233.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 25.196 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062233.D

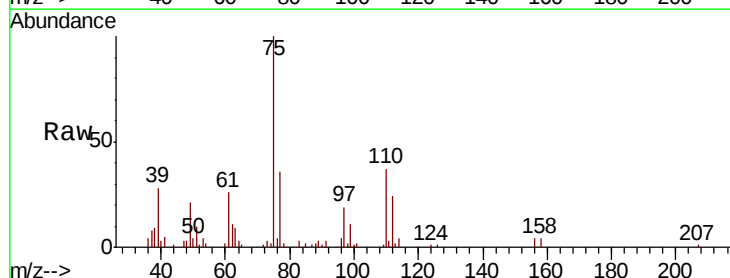
Acq: 30 Jun 2020 12:26

Tgt Ion: 75 Resp: 98808

Ion Ratio Lower Upper

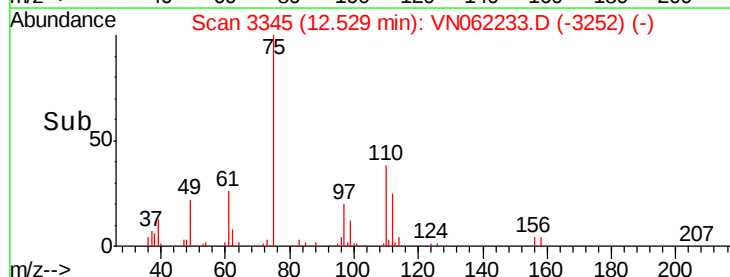
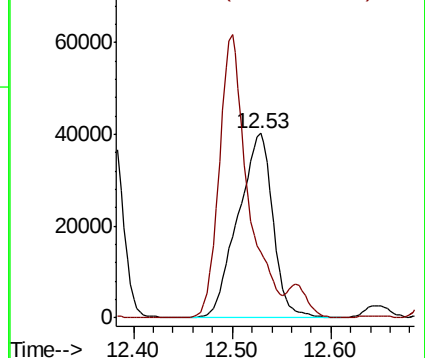
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062233.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062233.D (-3252) (-)





#77

Bromobenzene

Concen: 17.979 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS01

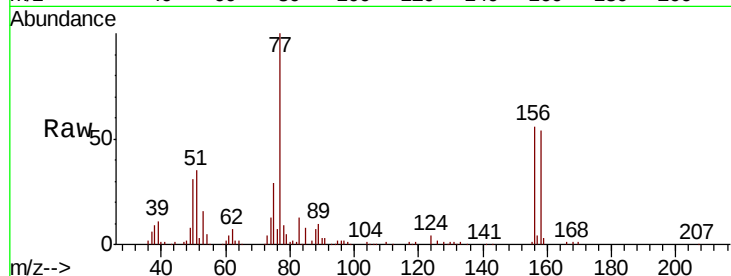
Tot Ion:156 Resp: 57558

Ion Ratio Lower Upper

156 100

77 218.7 104.6 313.8

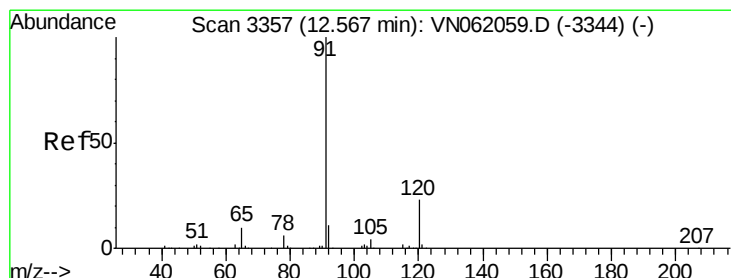
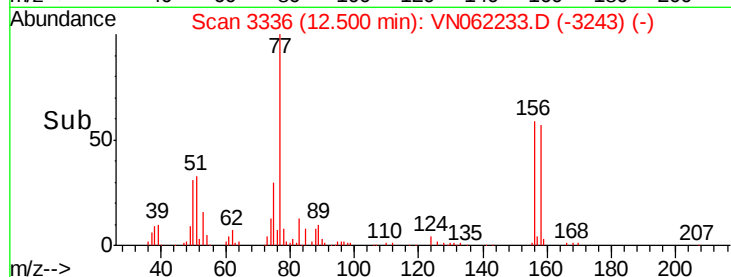
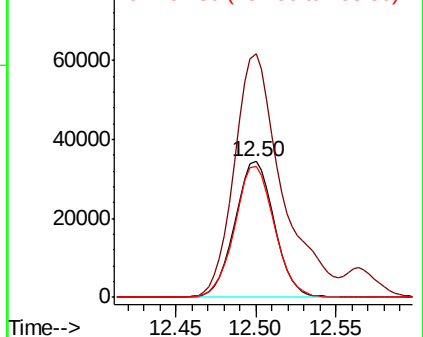
158 97.3 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.334 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062233.D

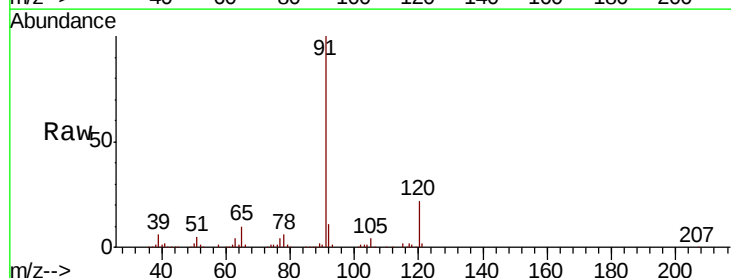
Acq: 30 Jun 2020 12:26

Tgt Ion: 91 Resp: 285181

Ion Ratio Lower Upper

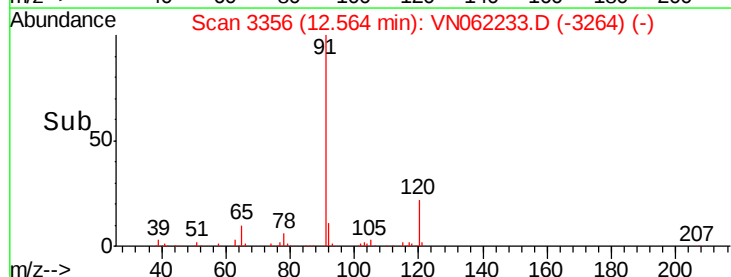
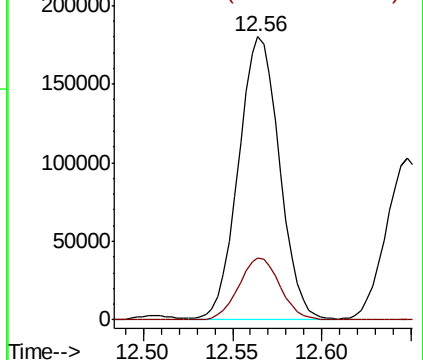
91 100

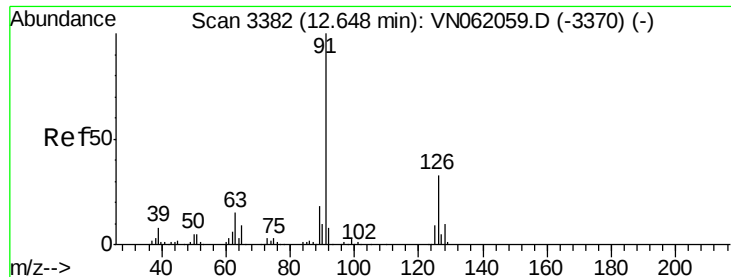
120 22.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.843 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

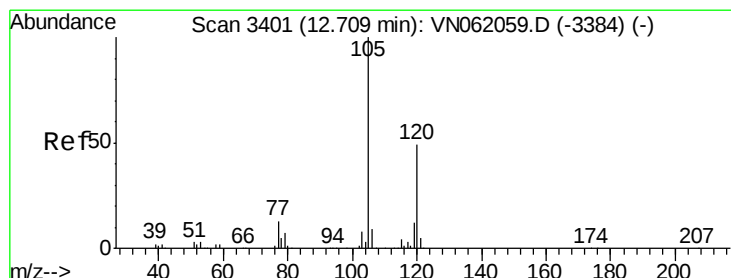
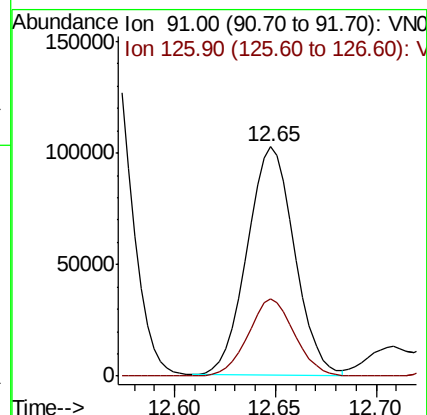
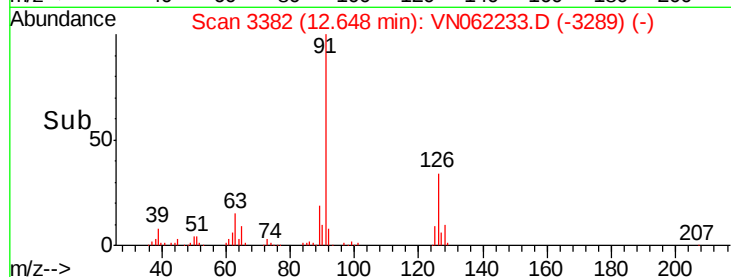
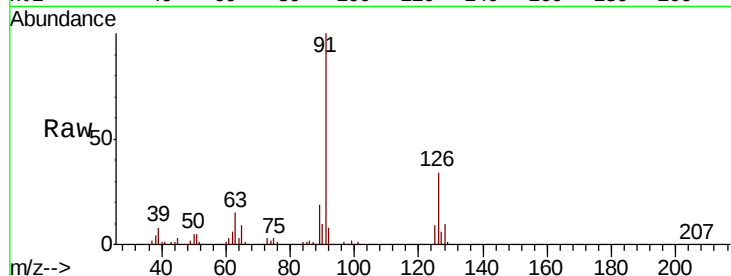
VN0630WBS01

Tot Ion: 91 Resp: 168028

Ion Ratio Lower Upper

91 100

126 33.1 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 19.330 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062233.D

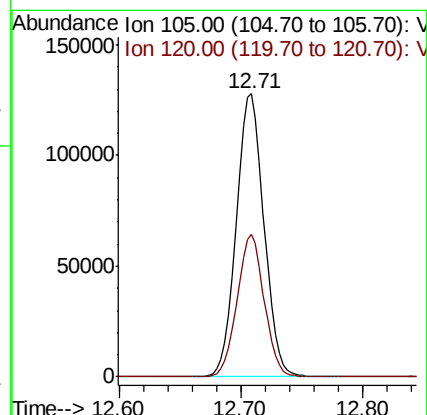
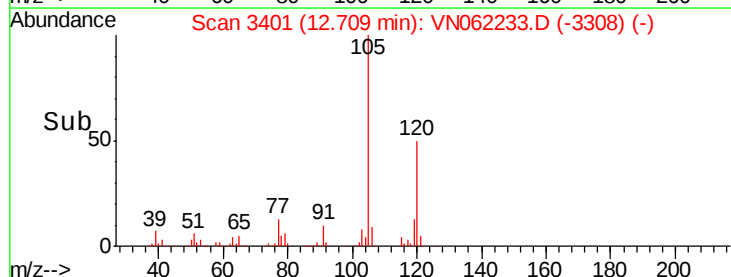
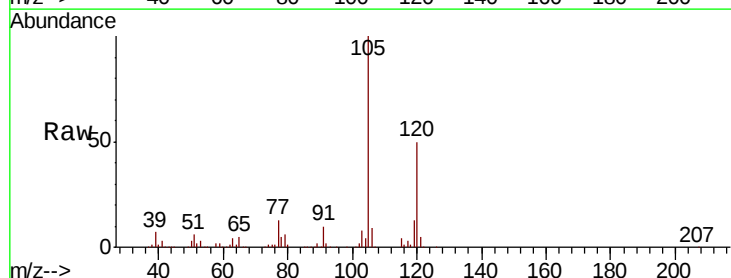
Acq: 30 Jun 2020 12:26

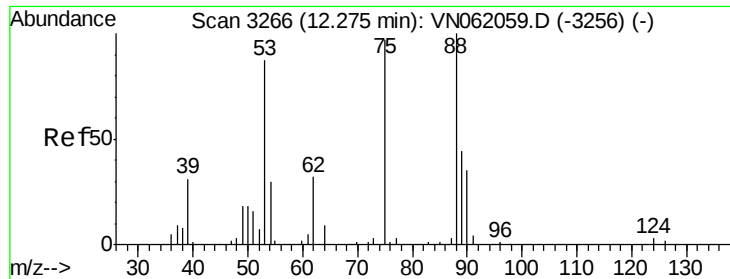
Tgt Ion: 105 Resp: 202068

Ion Ratio Lower Upper

105 100

120 49.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.452 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

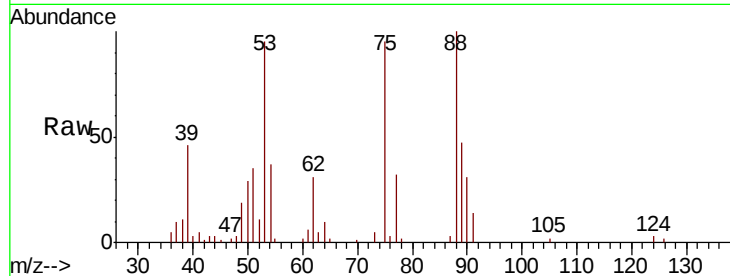
Tot Ion: 75 Resp: 23435

Ion Ratio Lower Upper

75 100

53 101.5 72.0 108.0

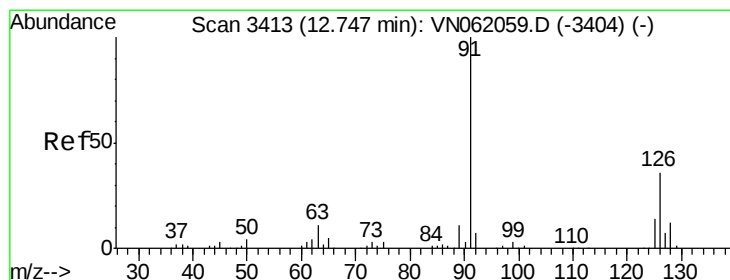
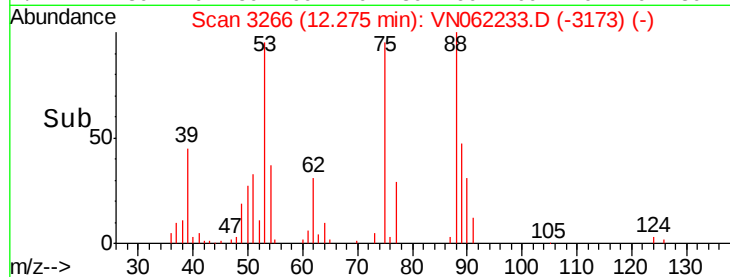
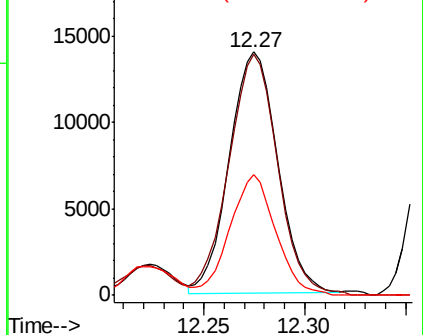
89 47.2 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062233.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062233.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062233.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 18.463 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062233.D

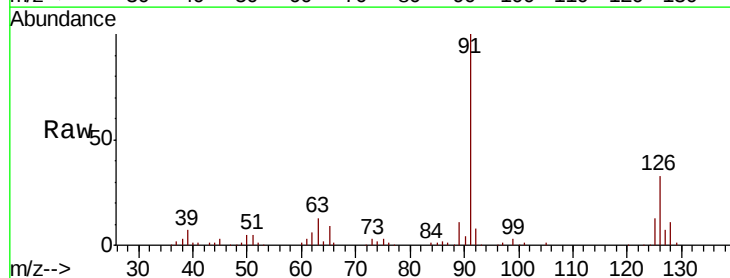
Acq: 30 Jun 2020 12:26

Tgt Ion: 91 Resp: 170251

Ion Ratio Lower Upper

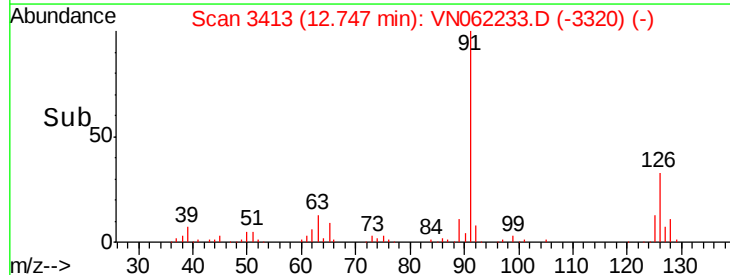
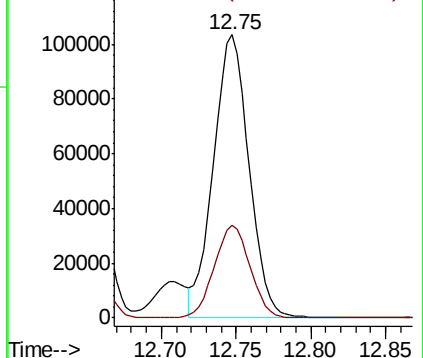
91 100

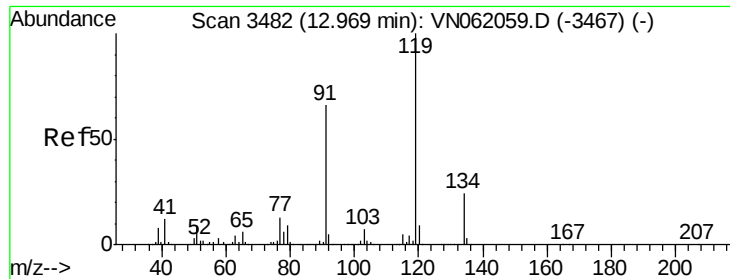
126 33.3 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062233.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062233.D (-3320) (-)

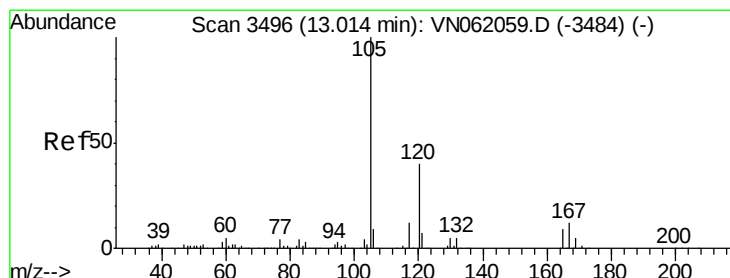
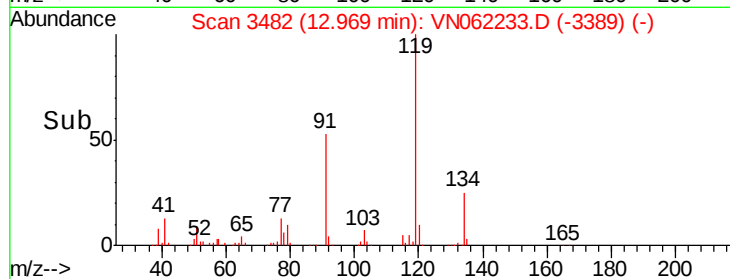
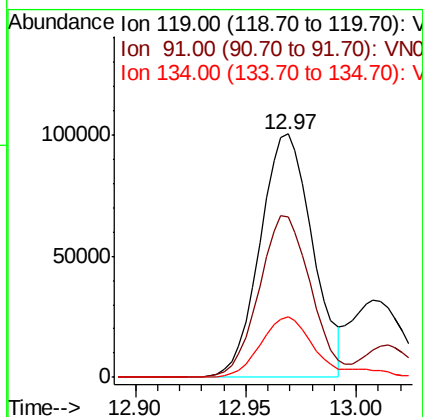
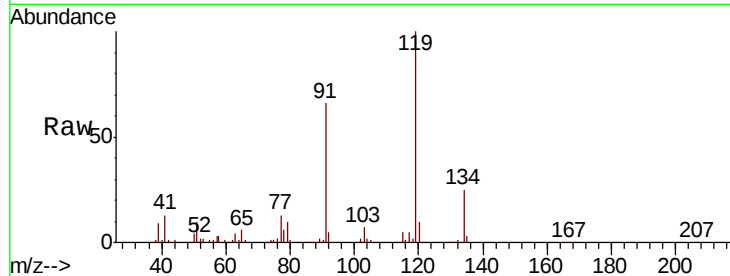




#83
 tert-Butylbenzene
 Concen: 18.549 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

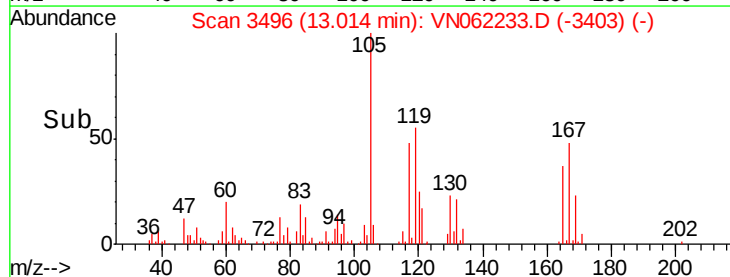
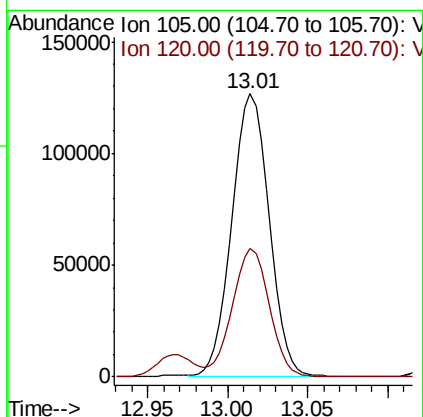
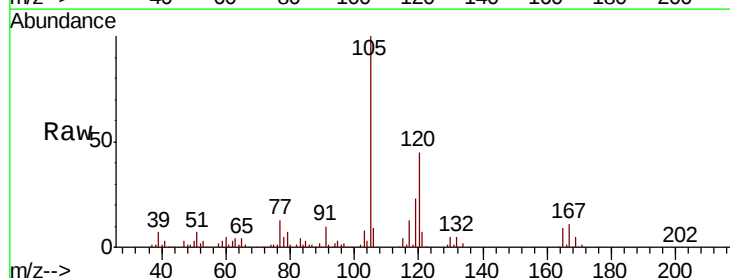
Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS01

Tot Ion:119 Resp: 165946
 Ion Ratio Lower Upper
 119 100
 91 65.3 31.7 95.1
 134 27.1 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.170 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Tgt Ion:105 Resp: 200146
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 19.717 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

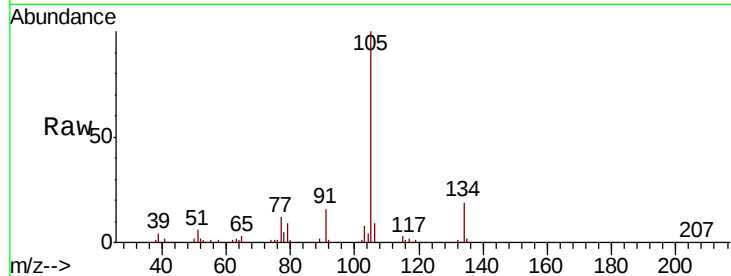
VN0630WBS01

Tot Ion:105 Resp: 233079

Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

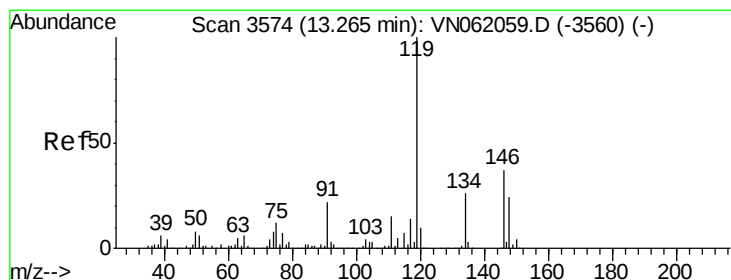
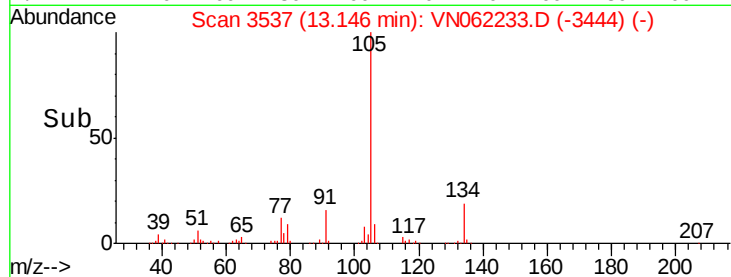
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.534 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

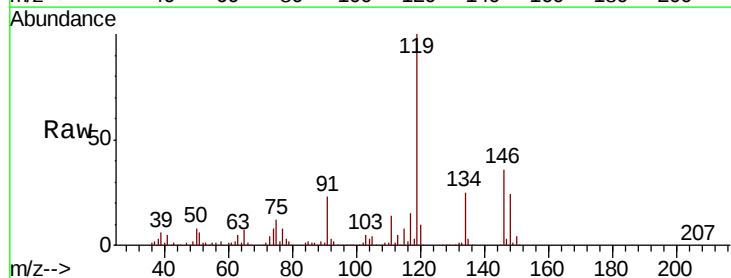
Tgt Ion:119 Resp: 202310

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 23.6 11.3 33.8



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

13.26

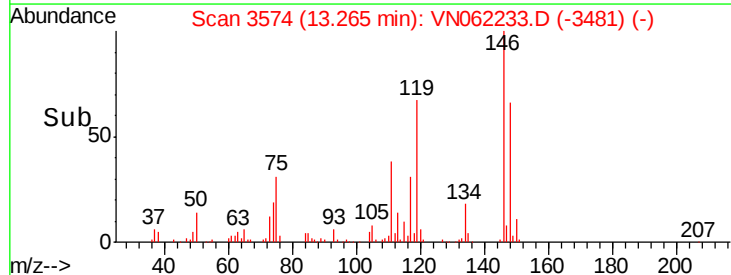
150000

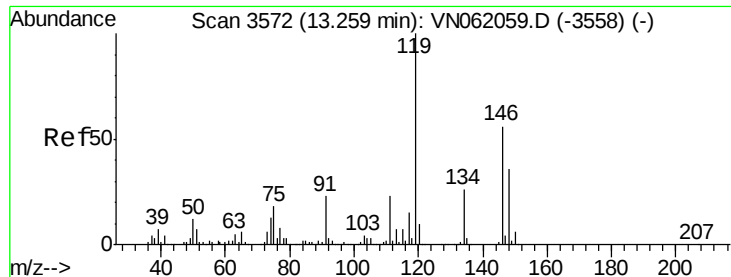
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.224 ug/l

RT: 13.26 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

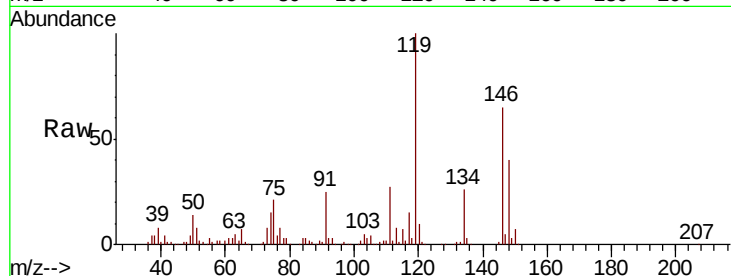
Tot Ion:146 Resp: 102449

Ion Ratio Lower Upper

146 100

111 40.5 20.3 61.0

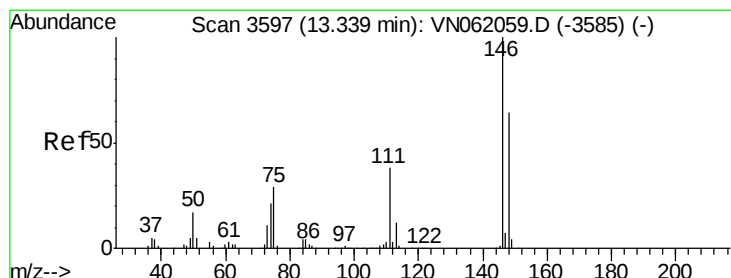
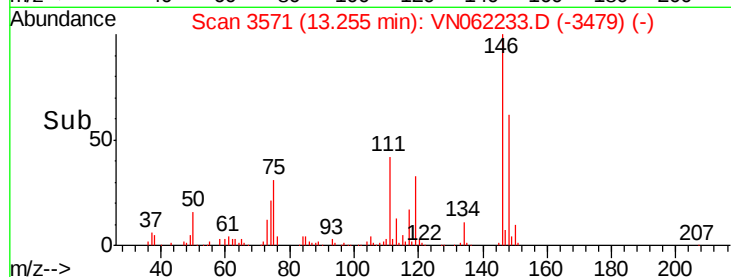
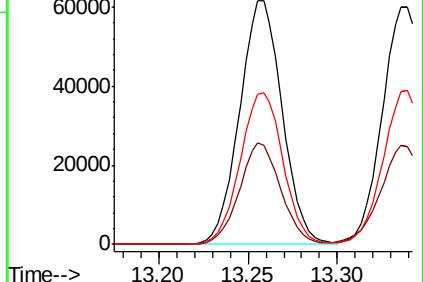
148 62.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.587 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

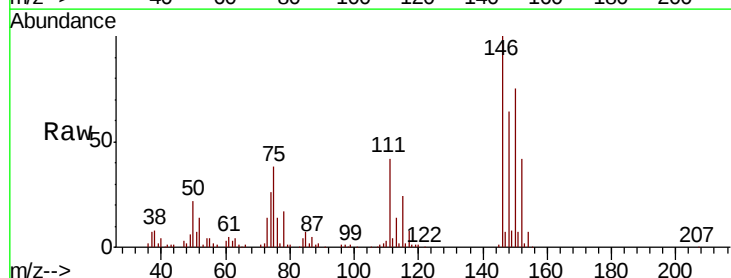
Tgt Ion:146 Resp: 101918

Ion Ratio Lower Upper

146 100

111 42.0 19.9 59.6

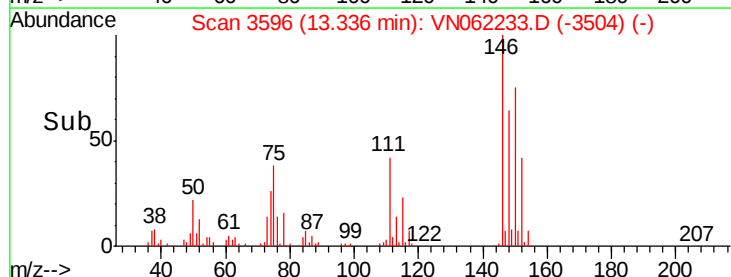
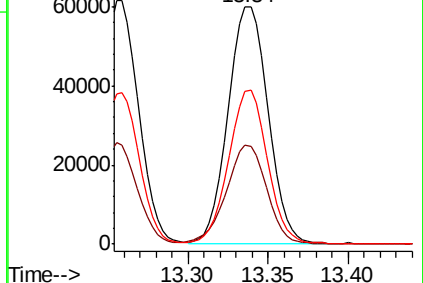
148 63.4 31.9 95.9

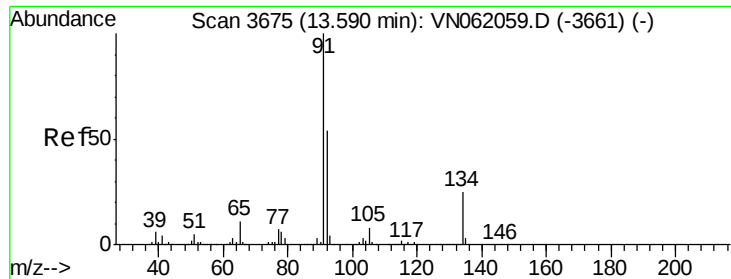


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

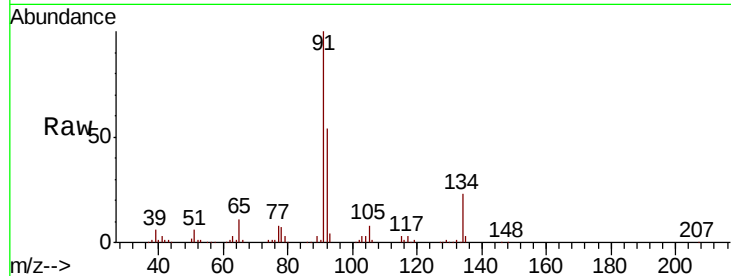




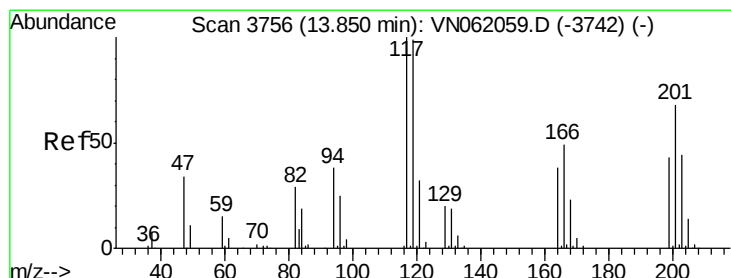
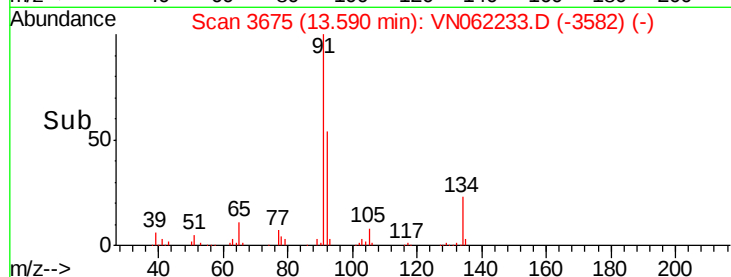
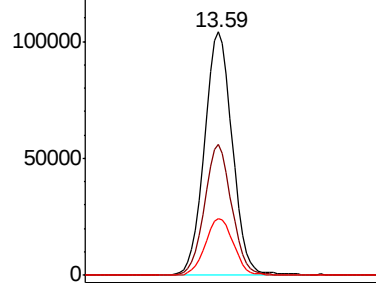
#89
n-Butylbenzene
Concen: 19.150 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

Tot Ion: 91 Resp: 164894
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 23.7 12.3 36.9

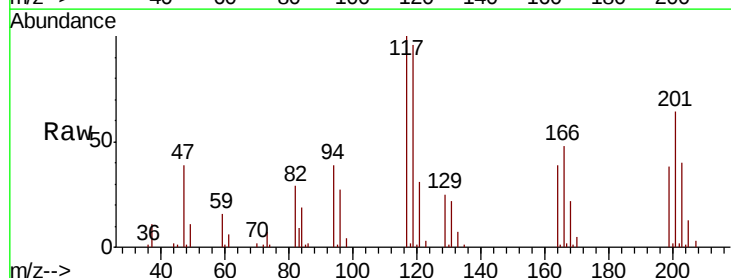


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)
Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)
Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)

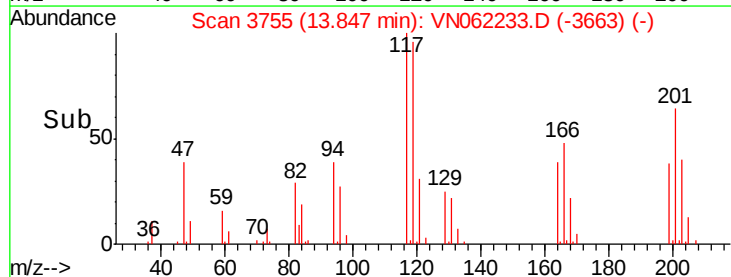
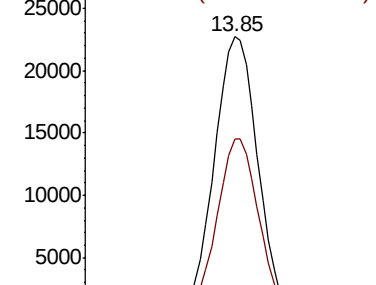


#90
Hexachloroethane
Concen: 19.443 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062233.D
Acq: 30 Jun 2020 12:26

Tgt Ion: 117 Resp: 39509
Ion Ratio Lower Upper
117 100
201 62.5 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)
Ion 200.70 (200.40 to 201.40): VN062059.D (-3742) (-)

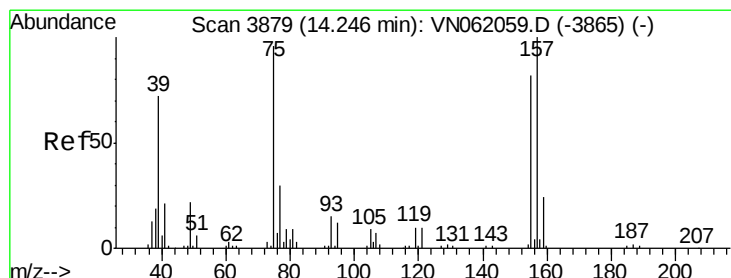
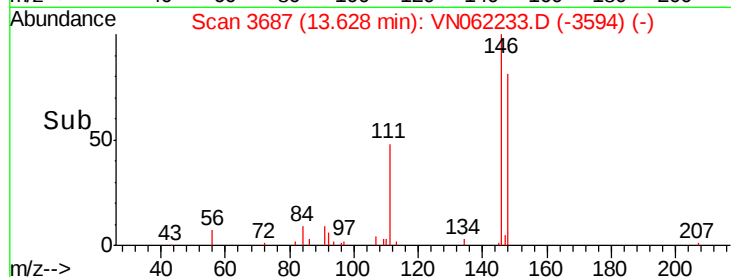
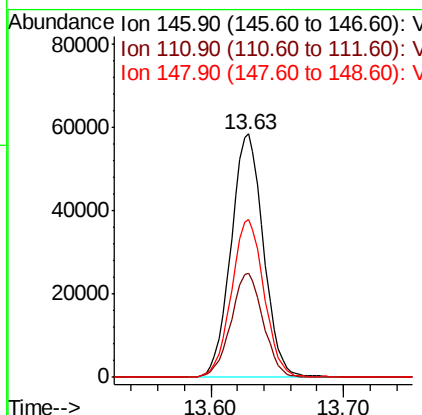
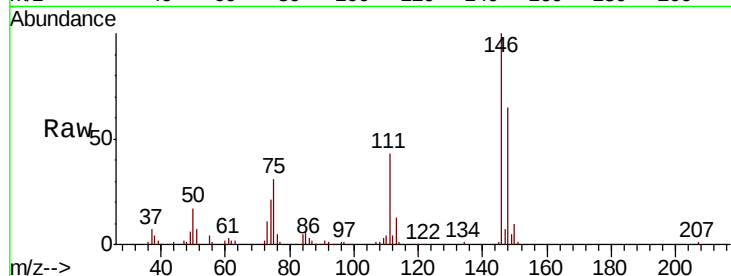




#91
 1,2-Dichlorobenzene
 Concen: 18.195 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

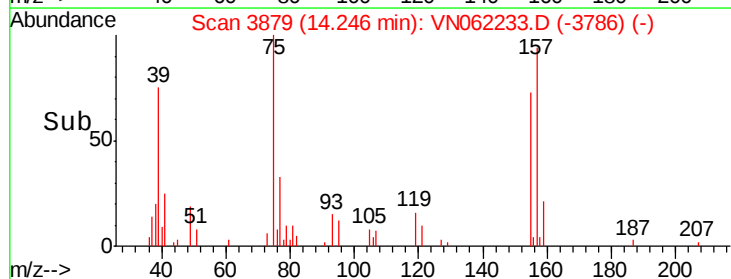
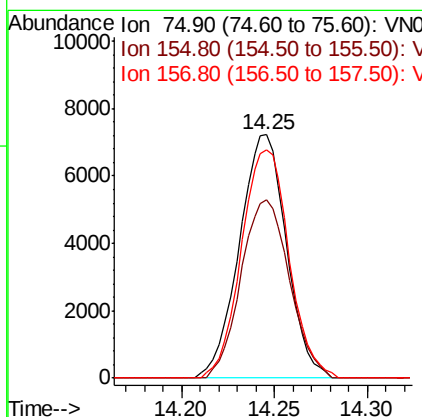
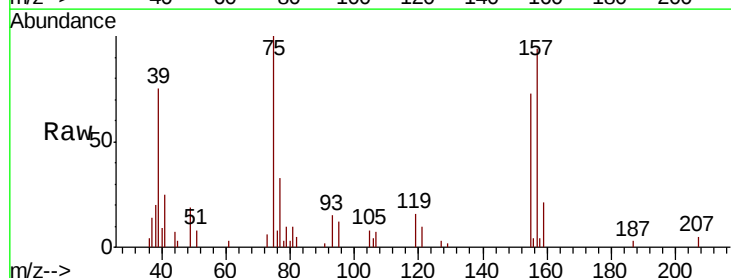
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

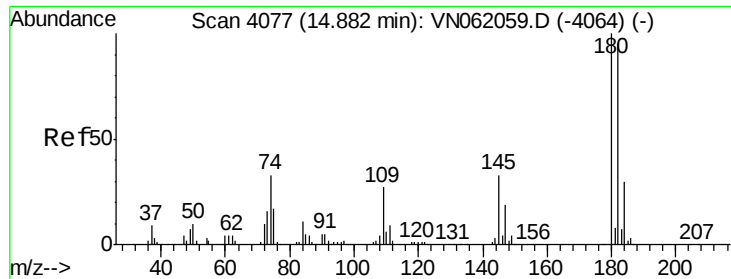
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.2	63.6
148	65.0	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.613 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.4	40.8	122.4
157	95.0	51.4	154.3

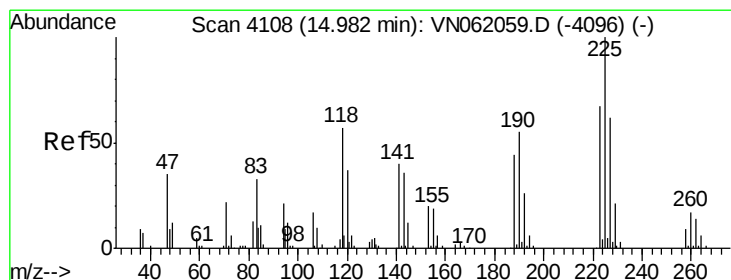
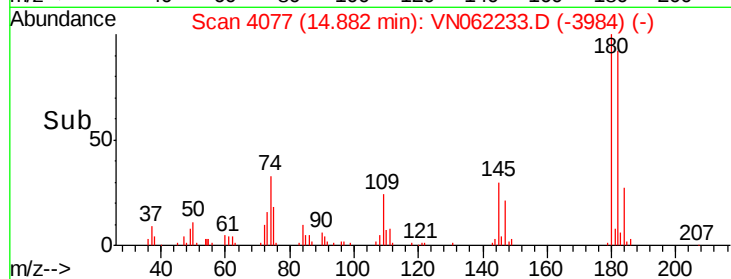
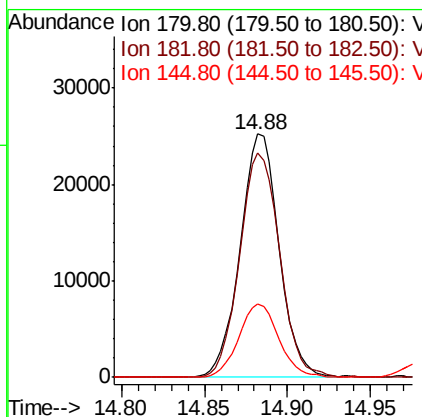
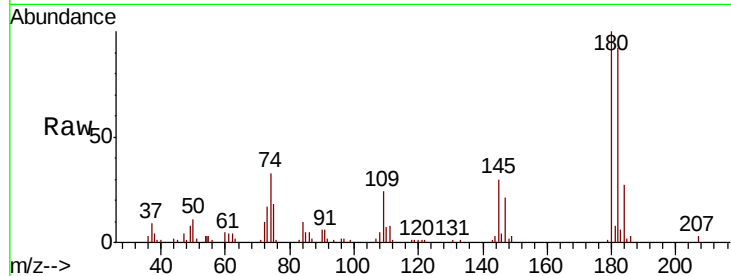




#93
 1,2,4-Trichlorobenzene
 Concen: 17.312 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

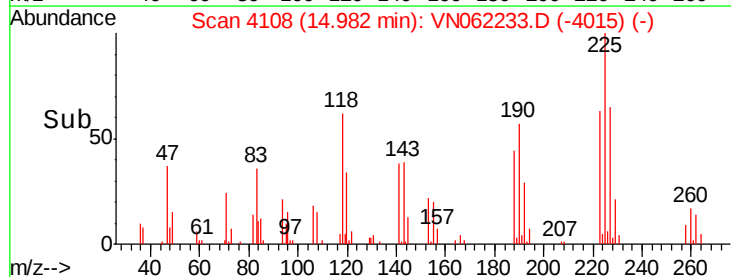
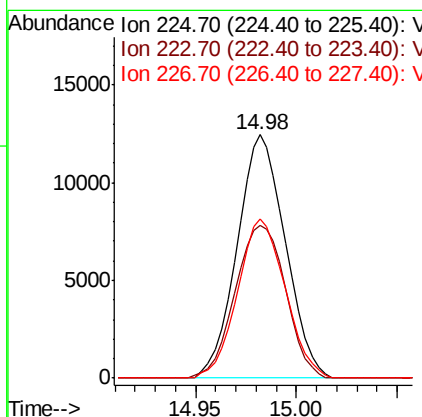
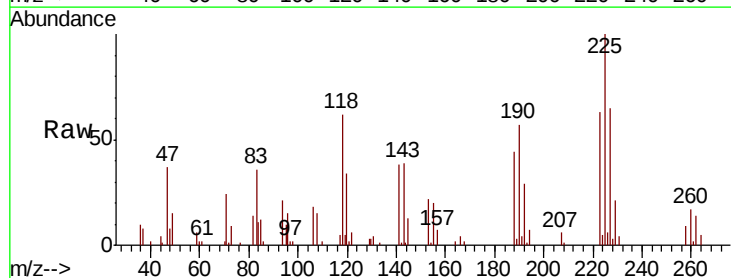
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.0	144.2
145	30.9	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 20.090 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062233.D
 Acq: 30 Jun 2020 12:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	32.9	98.7
227	64.8	31.3	93.8





#95

Naphthalene

Concen: 16.673 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

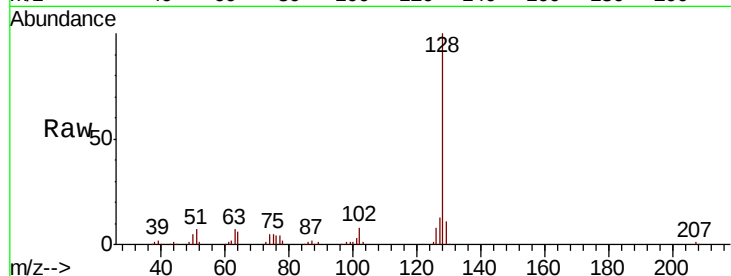
Tot Ion:128 Resp: 109412

Ion Ratio Lower Upper

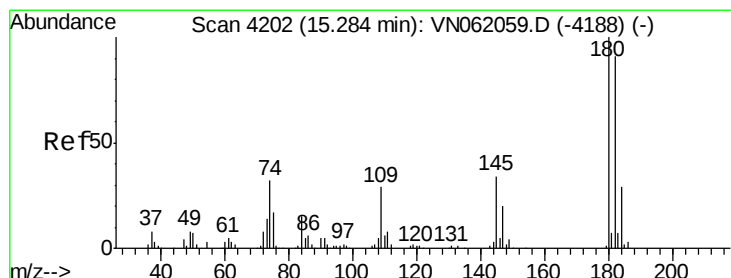
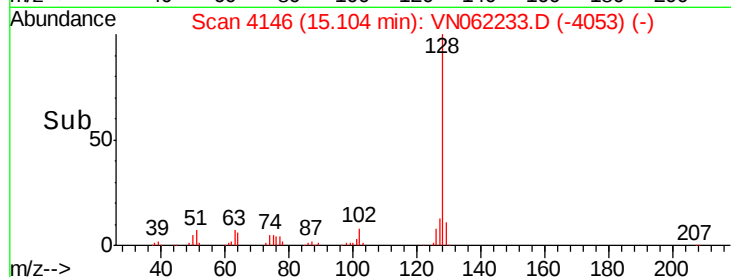
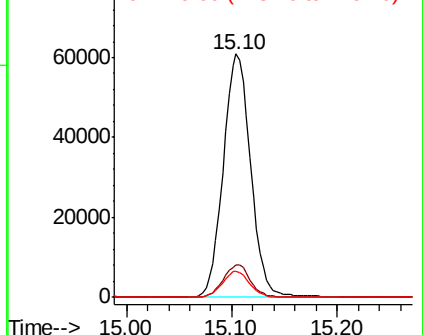
128 100

127 13.1 10.5 15.7

129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.440 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062233.D

Acq: 30 Jun 2020 12:26

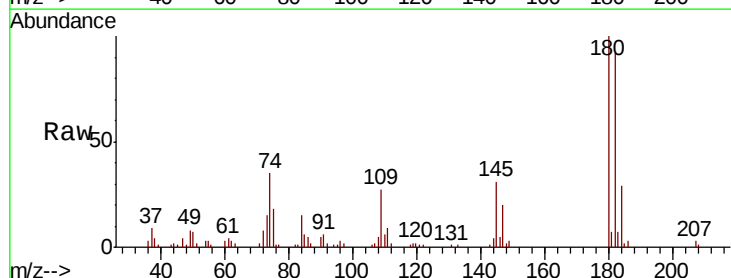
Tgt Ion:180 Resp: 42469

Ion Ratio Lower Upper

180 100

182 94.3 46.8 140.4

145 33.9 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

