

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062234.D
 Acq On : 30 Jun 2020 13:01
 Operator : JC/MD
 Sample : VN0630MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBS01

Quant Time: Jul 01 03:33:22 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	214851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	363842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158474	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	158808	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	
35) Dibromofluoromethane	7.54	113	120826	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
50) Toluene-d8	10.06	98	477160	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.37	95	154470	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	42269	17.405	ug/l	99
3) Chloromethane	2.03	50	55021	18.399	ug/l	97
4) Vinyl Chloride	2.16	62	63863	16.699	ug/l	98
5) Bromomethane	2.53	94	46654	18.875	ug/l	97
6) Chloroethane	2.67	64	44028	16.853	ug/l	98
7) Trichlorofluoromethane	2.98	101	80932	17.174	ug/l	99
8) Diethyl Ether	3.37	74	33100	20.115	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47950	19.431	ug/l	96
10) Methyl Iodide	3.91	142	52224	18.791	ug/l	98
11) Tert butyl alcohol	4.72	59	44993	103.934	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	46103	18.688	ug/l	98
13) Acrolein	3.56	56	46556	109.845	ug/l	99
14) Allyl chloride	4.27	41	67372	20.058	ug/l	96
15) Acrylonitrile	4.93	53	123021	104.285	ug/l	99
16) Acetone	3.77	43	101212	104.589	ug/l	100
17) Carbon Disulfide	4.00	76	125868	17.845	ug/l	99
18) Methyl Acetate	4.27	43	51979	21.687	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	158116	20.058	ug/l	96
20) Methylene Chloride	4.50	84	58654	21.066	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	50552	17.987	ug/l	92
22) Diisopropyl ether	5.90	45	155800	20.372	ug/l	98
23) Vinyl Acetate	5.84	43	637821	102.151	ug/l	98
24) 1,1-Dichloroethane	5.79	63	95736	19.440	ug/l	98
25) 2-Butanone	6.78	43	149334	101.330	ug/l	97
26) 2,2-Dichloropropane	6.77	77	76727	18.697	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	60104	19.006	ug/l	99
28) Bromochloromethane	7.15	49	40590	18.997	ug/l	93
29) Tetrahydrofuran	7.16	42	97842	101.352	ug/l	99
30) Chloroform	7.33	83	95360	19.032	ug/l	99
31) Cyclohexane	7.61	56	77480	18.600	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	79541	18.824	ug/l	98
36) 1,1-Dichloropropene	7.75	75	69713	17.852	ug/l	99
37) Ethyl Acetate	6.88	43	66596	20.595	ug/l	98
38) Carbon Tetrachloride	7.73	117	65564	17.808	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	79510	18.583	ug/l	99
40) Benzene	8.00	78	220247	18.504	ug/l	100
41) Methacrylonitrile	7.12	41	26611	17.751	ug/l	93
42) 1,2-Dichloroethane	8.08	62	77424	19.253	ug/l	100
43) Isopropyl Acetate	8.12	43	105801	20.071	ug/l	99
44) Trichloroethene	8.80	130	51921	17.293	ug/l	94
45) 1,2-Dichloropropane	9.08	63	56929	19.387	ug/l	96
46) Dibromomethane	9.17	93	37898	19.036	ug/l	97
47) Bromodichloromethane	9.37	83	77566	19.295	ug/l	97
48) Methyl methacrylate	9.16	41	47205	19.972	ug/l	98
49) 1,4-Dioxane	9.17	88	20261	386.557	ug/l	90
51) 4-Methyl-2-Pentanone	9.95	43	312783	101.559	ug/l	100
52) Toluene	10.12	92	135867	18.708	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	83640	18.912	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	90841	19.293	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	54984	19.260	ug/l	96
56) Ethyl methacrylate	10.40	69	73484	19.288	ug/l	97
57) 1,3-Dichloropropane	10.68	76	94595	19.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	137463	95.391	ug/l	97
59) 2-Hexanone	10.72	43	222725	100.149	ug/l	99
60) Dibromochloromethane	10.87	129	54985	18.193	ug/l	100
61) 1,2-Dibromoethane	10.98	107	53819	18.347	ug/l	99
64) Tetrachloroethene	10.60	164	41017	16.503	ug/l	95
65) Chlorobenzene	11.40	112	143231	17.926	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	50298	18.205	ug/l	99
67) Ethyl Benzene	11.48	91	248050	18.382	ug/l	96
68) m/p-Xylenes	11.60	106	185540	35.549	ug/l	96
69) o-Xylene	11.92	106	89210	18.116	ug/l	97
70) Styrene	11.94	104	148288	18.056	ug/l	99
71) Bromoform	12.10	173	34257	17.439	ug/l #	100
73) Isopropylbenzene	12.22	105	237491	19.360	ug/l	100
74) N-amyl acetate	12.05	43	83672	20.633	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	80564	19.735	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	98317	26.354	ug/l #	100
77) Bromobenzene	12.50	156	55046	18.074	ug/l	90
78) n-propylbenzene	12.57	91	275860	19.660	ug/l	100
79) 2-Chlorotoluene	12.65	91	162424	19.147	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	195326	19.642	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	23536	18.424	ug/l	91
82) 4-Chlorotoluene	12.75	91	166738	19.008	ug/l	99
83) tert-Butylbenzene	12.97	119	160156	18.819	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	195834	19.718	ug/l	99
85) sec-Butylbenzene	13.15	105	226502	20.142	ug/l	99
86) p-Isopropyltoluene	13.26	119	192741	19.563	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	98919	18.497	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	99207	17.996	ug/l	98
89) n-Butylbenzene	13.59	91	160142	19.551	ug/l	99
90) Hexachloroethane	13.85	117	37828	19.569	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	96941	18.693	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13096	20.026	ug/l	95

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

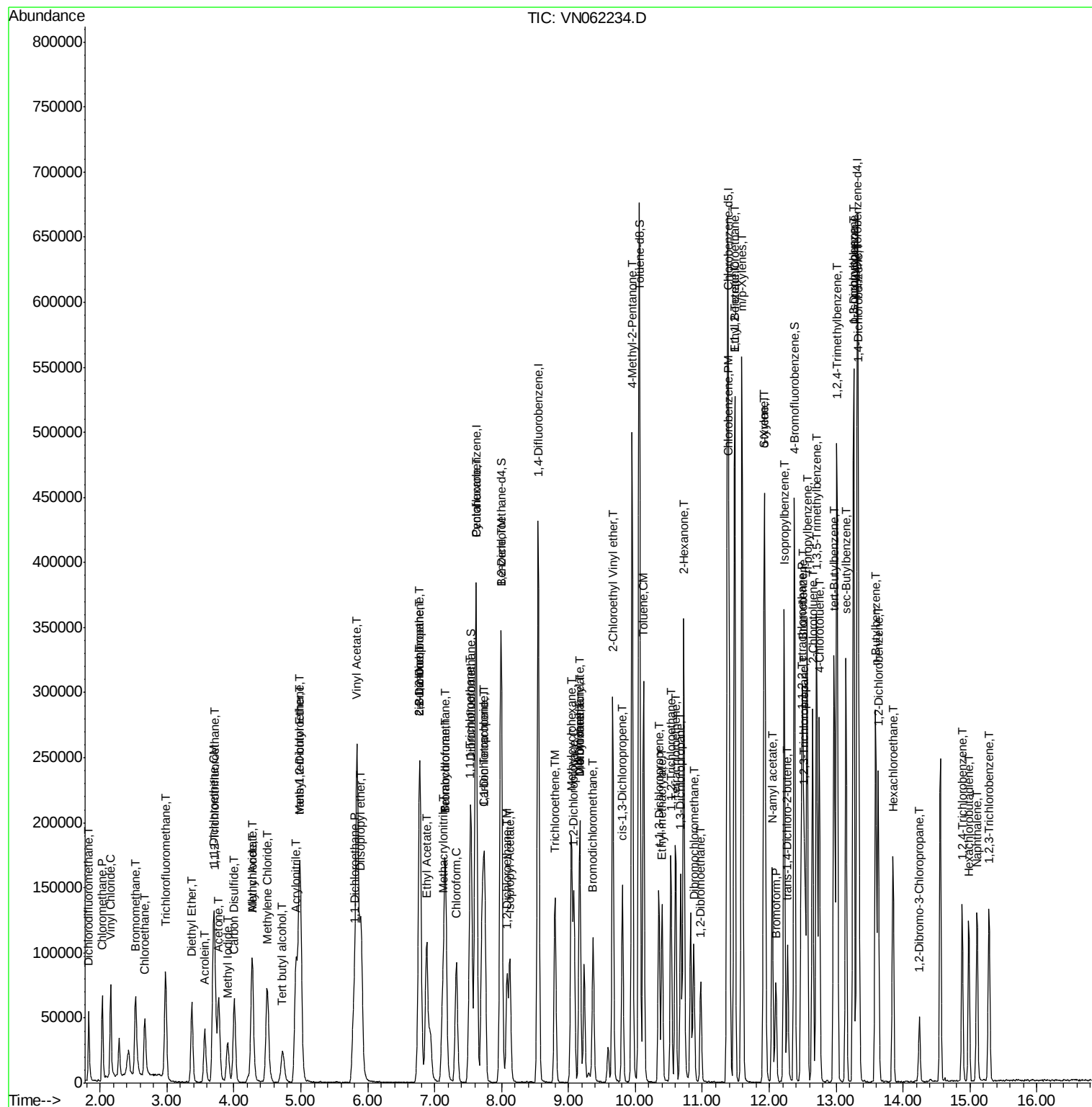
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	39927	17.624	ug/l	100
94) Hexachlorobutadiene	14.98	225	20342	20.673	ug/l	98
95) Naphthalene	15.11	128	113439	17.813	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	41869	18.074	ug/l	98

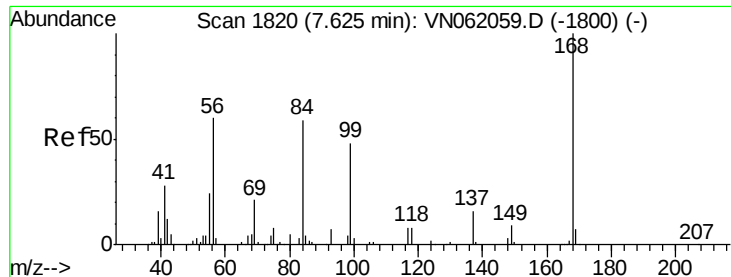
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062234.D
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 Sample : VN0630MBS01
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

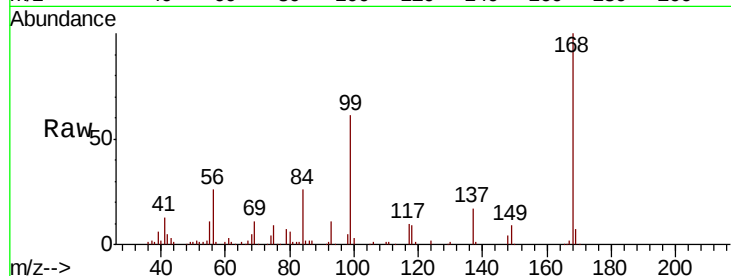
VN0630MBS01

Tot Ion:168 Resp: 214851

Ion Ratio Lower Upper

168 100

99 61.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

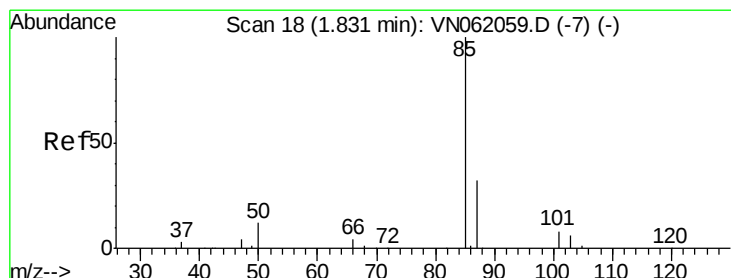
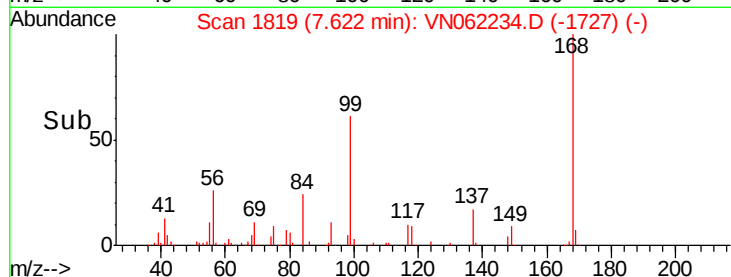
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.405 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062234.D

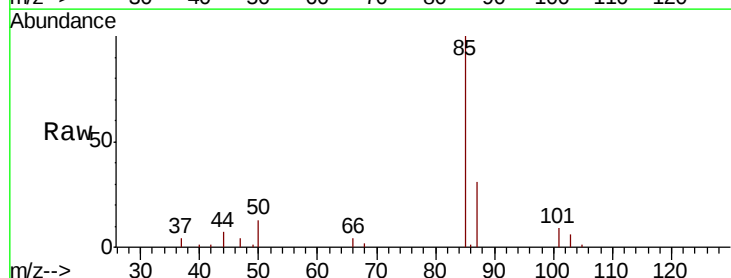
Acq: 30 Jun 2020 13:01

Tgt Ion: 85 Resp: 42269

Ion Ratio Lower Upper

85 100

87 31.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

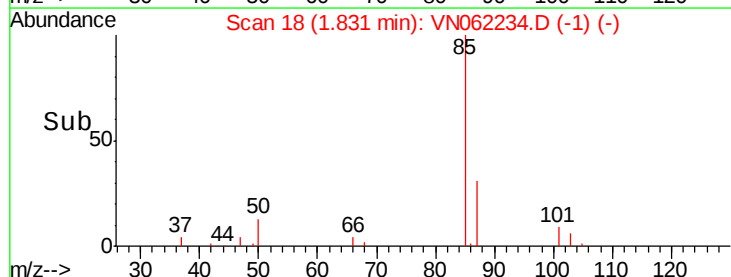
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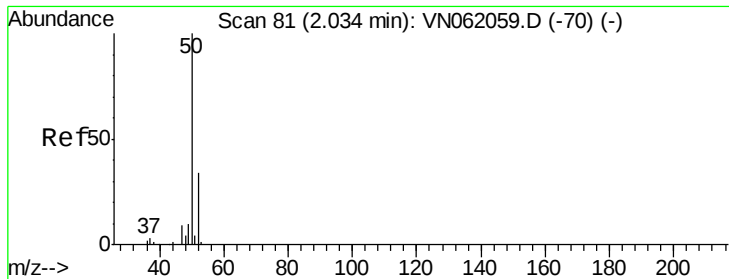
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.399 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

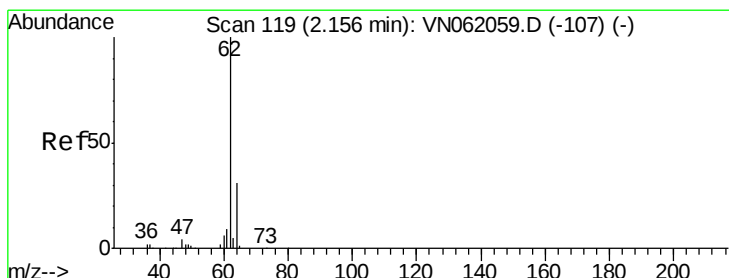
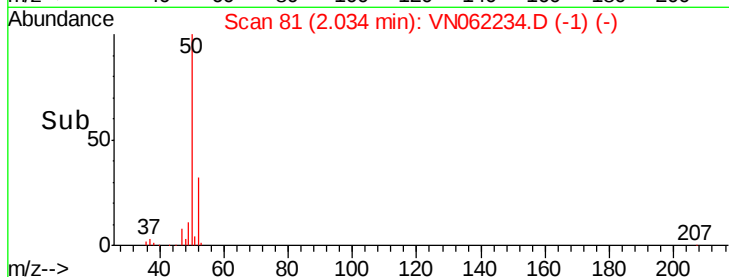
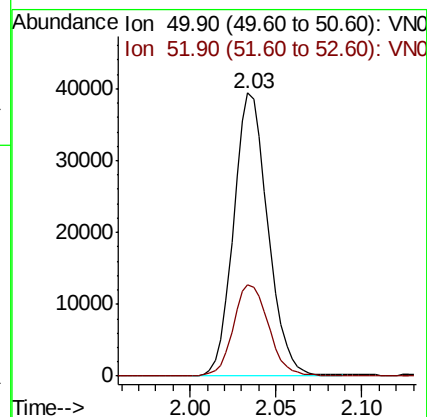
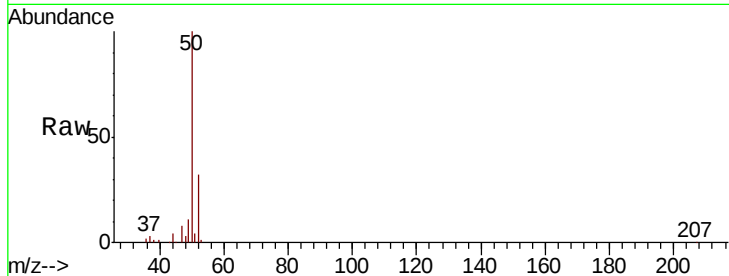
VN0630MBS01

Tot Ion: 50 Resp: 55021

Ion Ratio Lower Upper

50 100

52 32.4 27.0 40.6



#4

Vinyl Chloride

Concen: 16.699 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062234.D

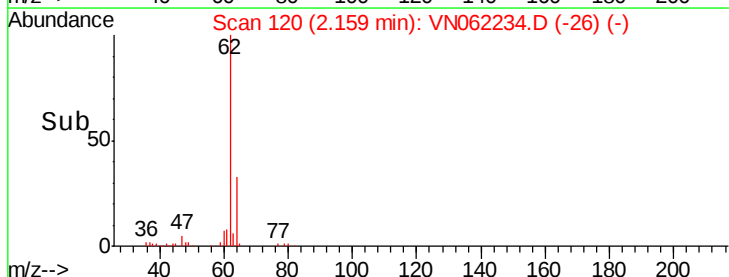
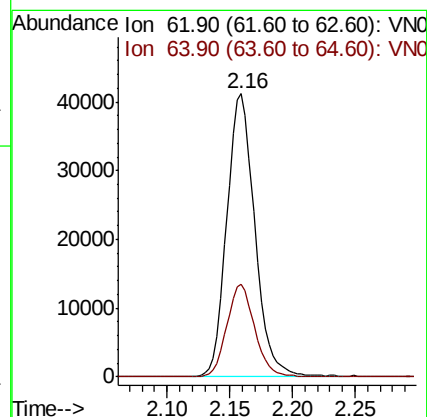
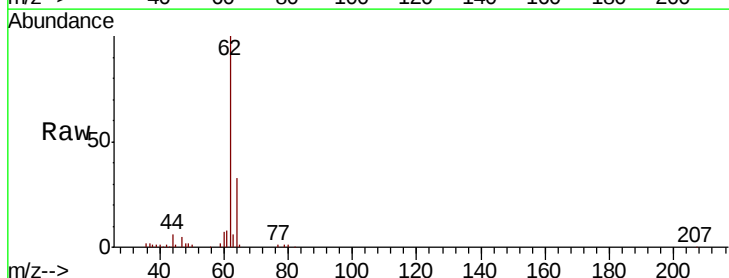
Acq: 30 Jun 2020 13:01

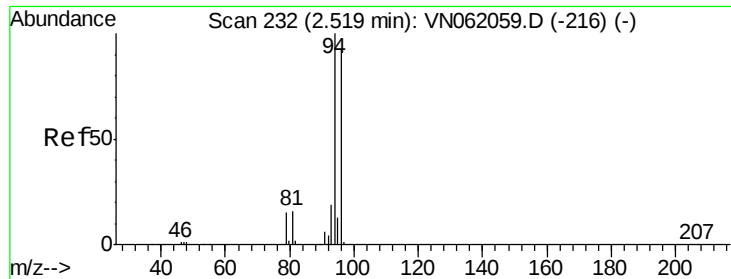
Tgt Ion: 62 Resp: 63863

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 18.875 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

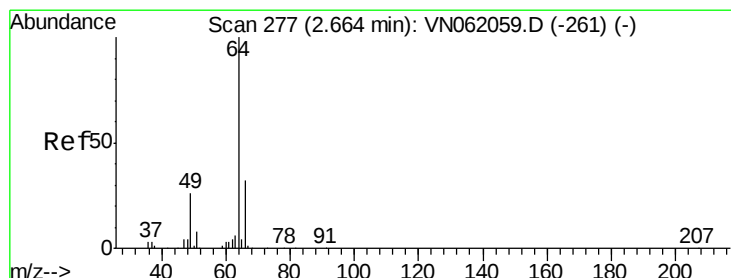
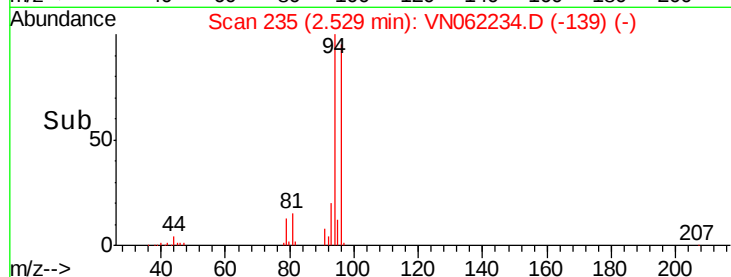
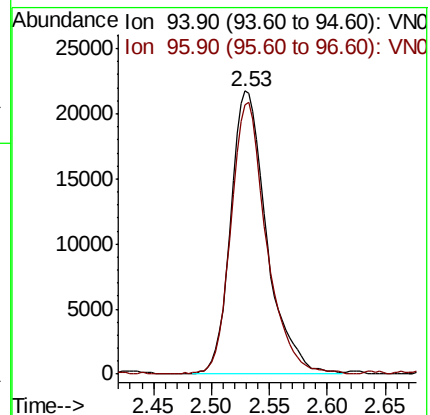
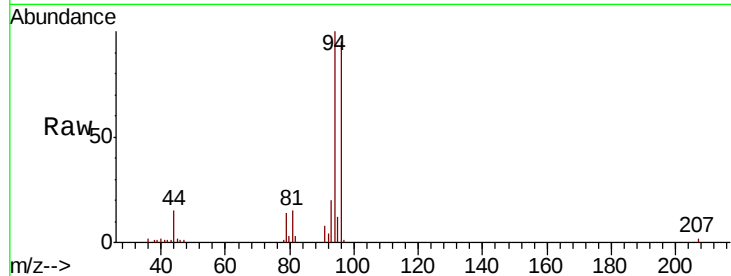
VN0630MBS01

Tot Ion: 94 Resp: 46654

Ion Ratio Lower Upper

94 100

96 94.7 73.4 110.2



#6

Chloroethane

Concen: 16.853 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062234.D

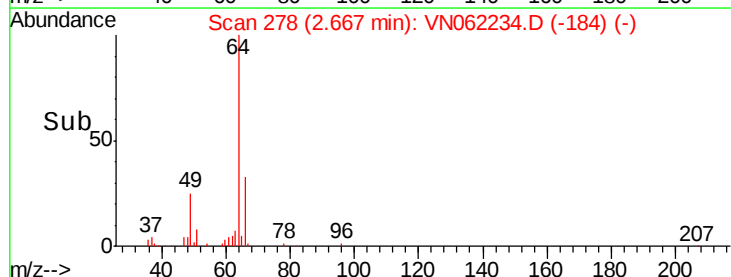
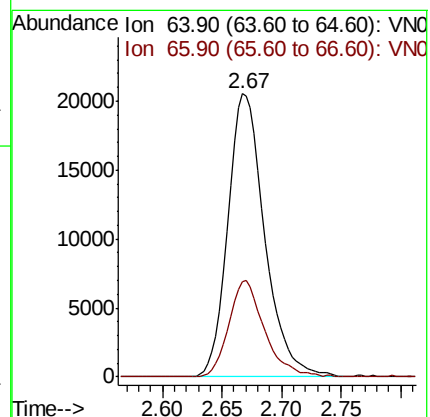
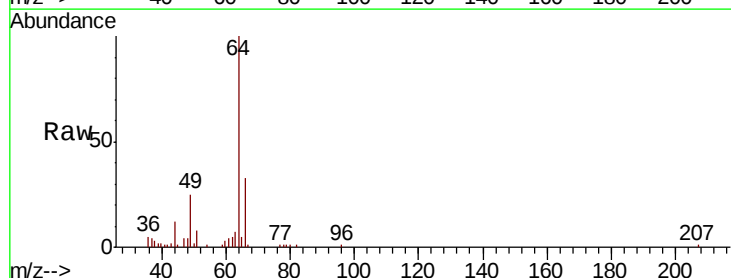
Acq: 30 Jun 2020 13:01

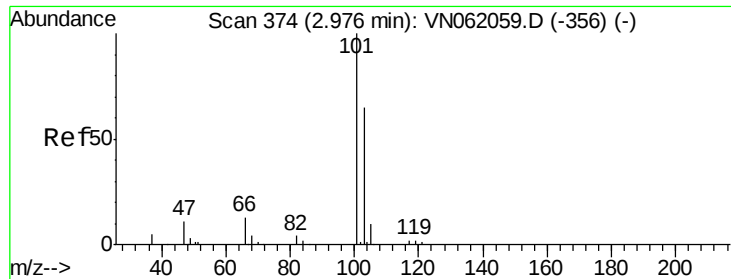
Tgt Ion: 64 Resp: 44028

Ion Ratio Lower Upper

64 100

66 33.5 25.8 38.6



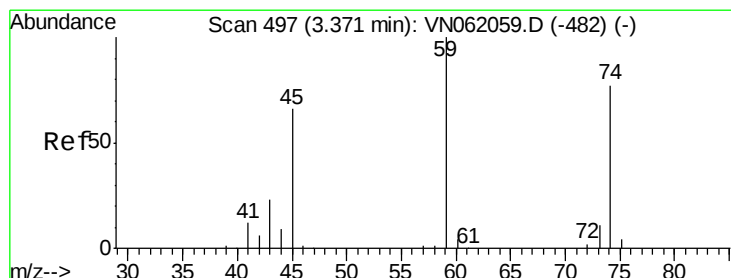
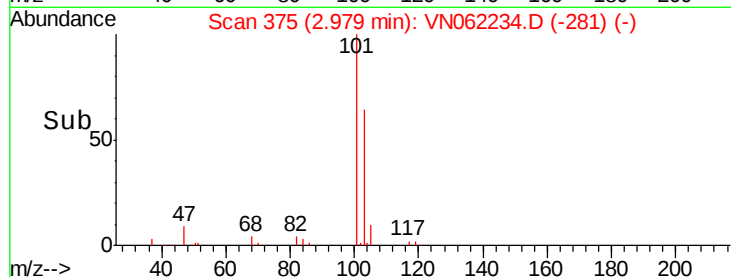
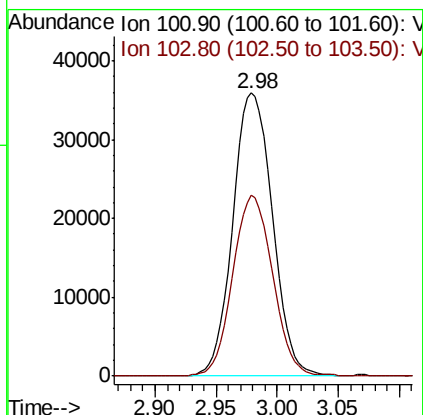
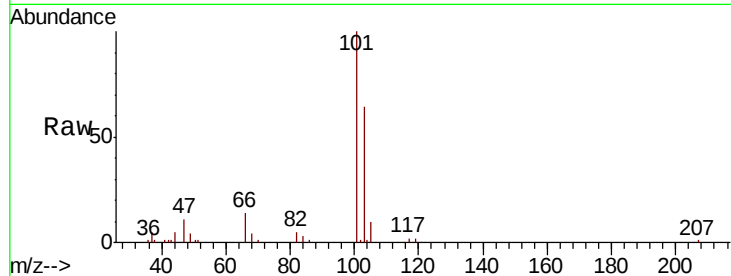


#7

Trichlorofluoromethane
 Concen: 17.174 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBS01

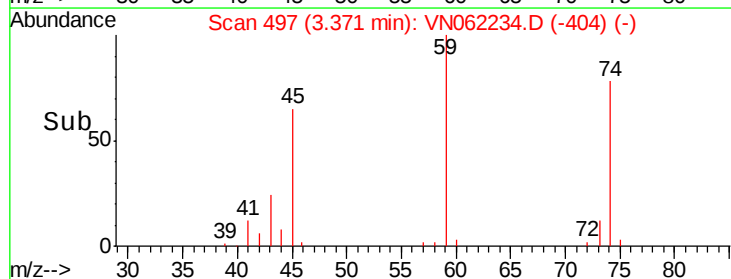
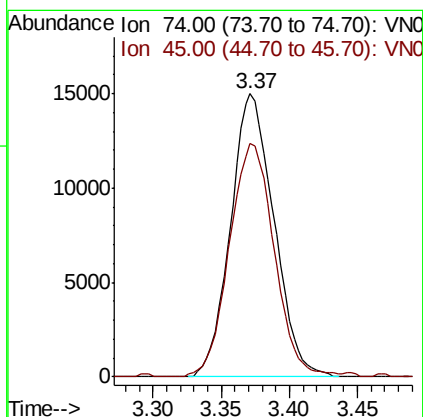
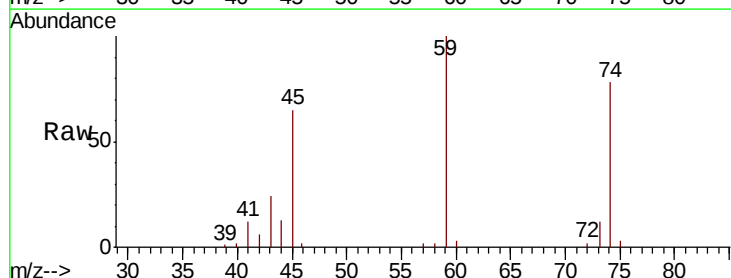
Tot Ion:101 Resp: 80932
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.8 77.6

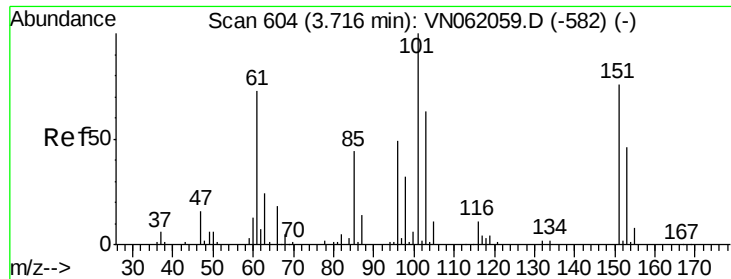


#8

Diethyl Ether
 Concen: 20.115 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

Tgt Ion: 74 Resp: 33100
 Ion Ratio Lower Upper
 74 100
 45 85.3 42.5 127.5

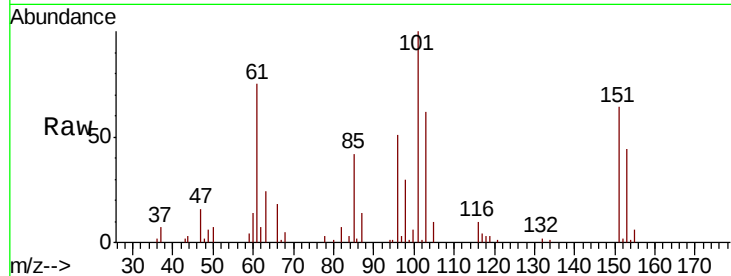




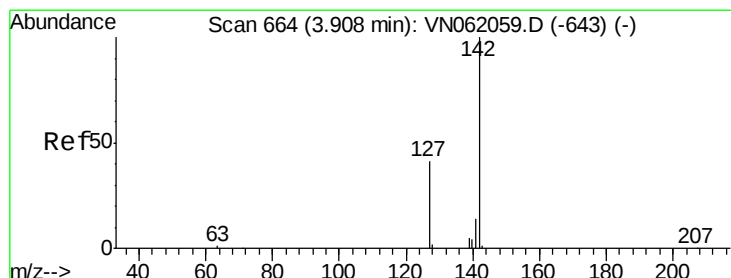
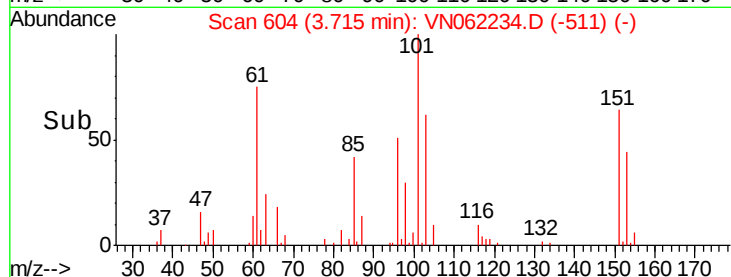
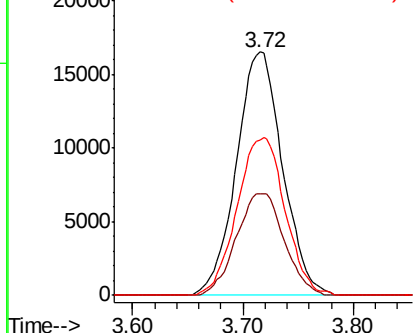
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.431 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBS01

Tot Ion:101 Resp: 47950
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.5 51.7
 151 67.3 57.8 86.8

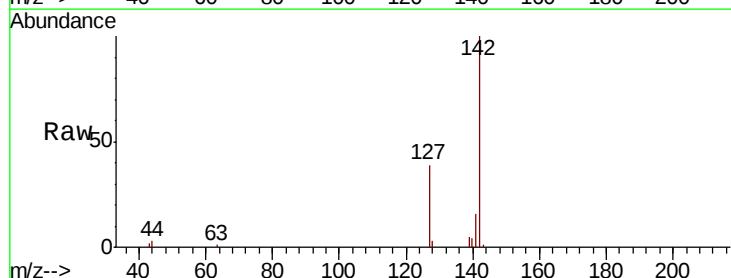


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

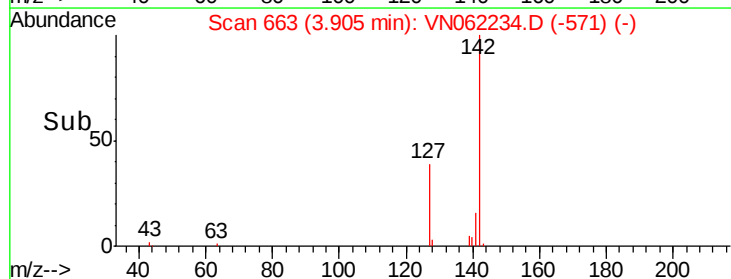
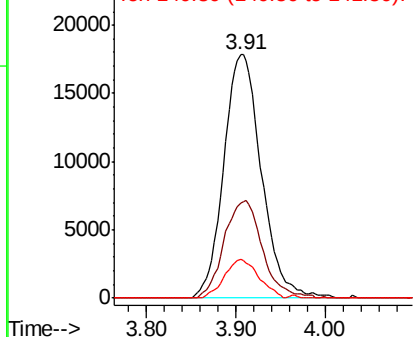


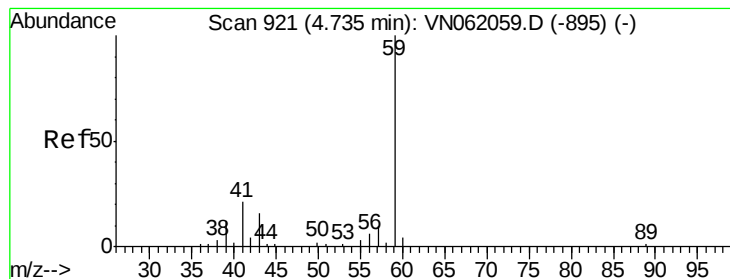
#10
 Methyl Iodide
 Concen: 18.791 ug/l
 RT: 3.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

Tgt Ion:142 Resp: 52224
 Ion Ratio Lower Upper
 142 100
 127 40.5 33.6 50.4
 141 14.5 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



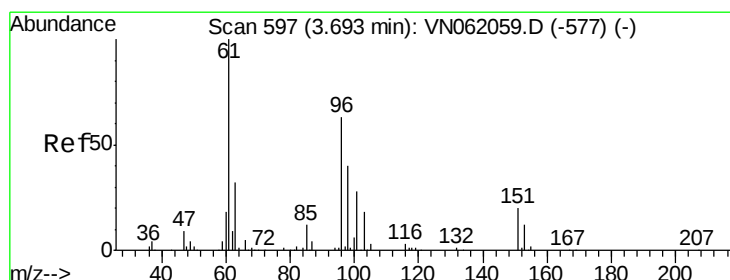
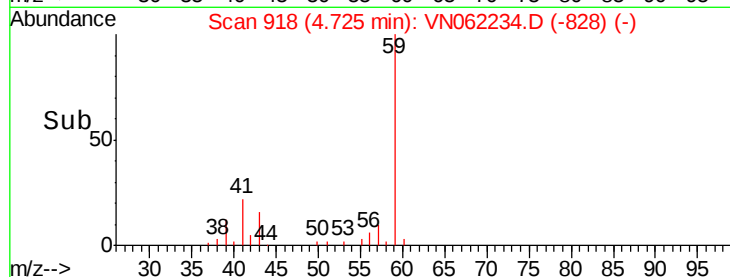
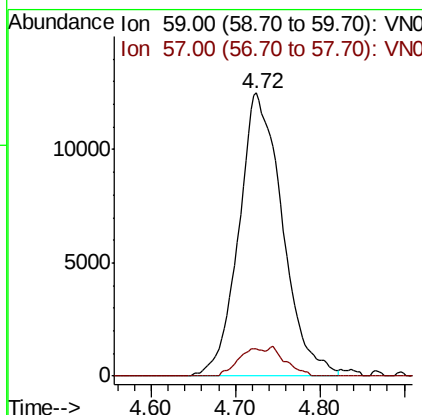
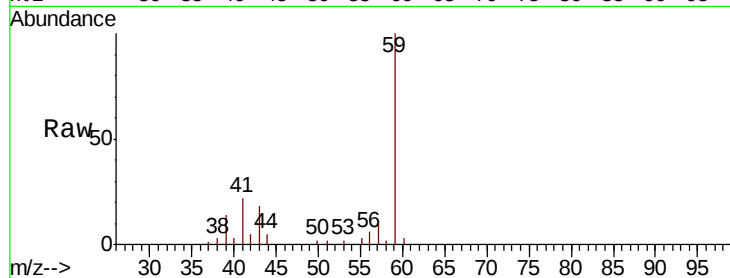


#11

Tert butyl alcohol
 Concen: 103.934 ug/l
 RT: 4.72 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630MBS01

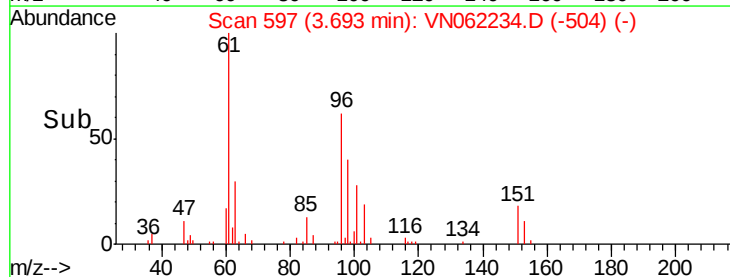
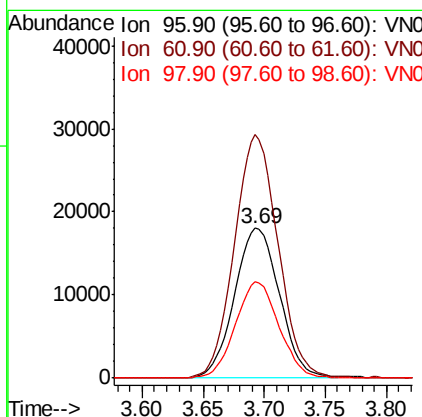
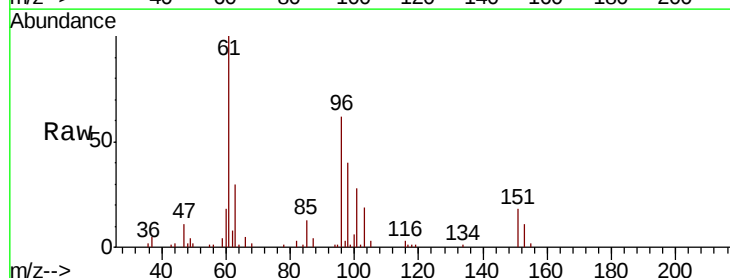
Tot Ion: 59 Resp: 44993
 Ion Ratio Lower Upper
 59 100
 57 5.8 8.3 12.5#

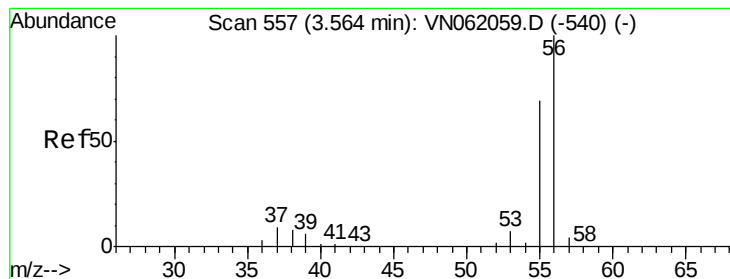


#12

1,1-Dichloroethene
 Concen: 18.688 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

Tgt Ion: 96 Resp: 46103
 Ion Ratio Lower Upper
 96 100
 61 162.5 126.7 190.1
 98 64.3 51.0 76.4





#13

Acrolein

Concen: 109.845 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

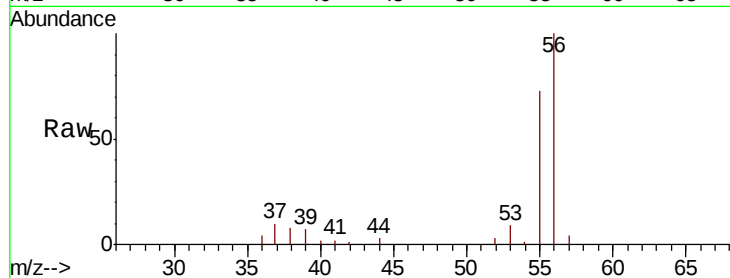
VN0630MBS01

Tot Ion: 56 Resp: 46556

Ion Ratio Lower Upper

56 100

55 70.1 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062059.D (-540) (-)

3.56

20000

15000

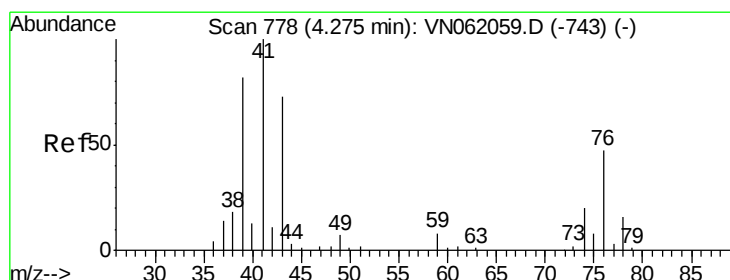
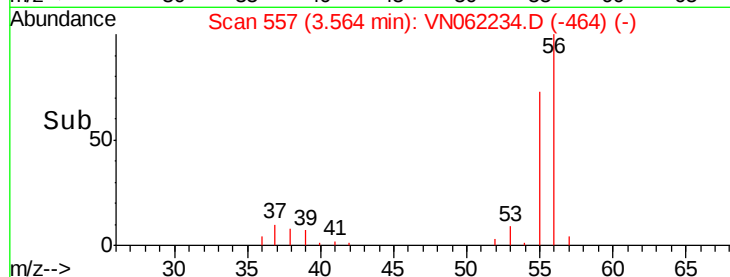
10000

5000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 20.058 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

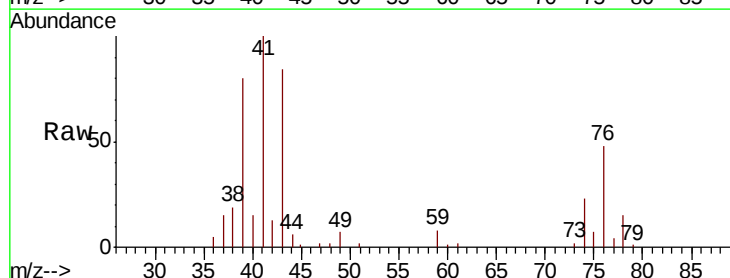
Tgt Ion: 41 Resp: 67372

Ion Ratio Lower Upper

41 100

39 70.7 60.0 90.0

76 41.6 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-743) (-)

Ion 75.90 (75.60 to 76.60): VN062059.D (-743) (-)

4.27

25000

20000

15000

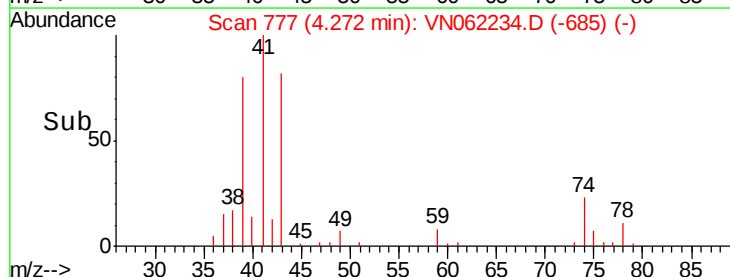
10000

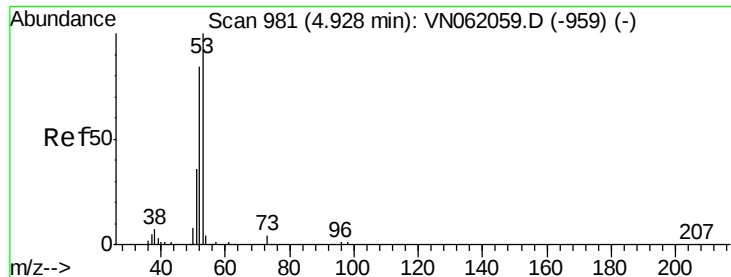
5000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 104.285 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN0630MBS01

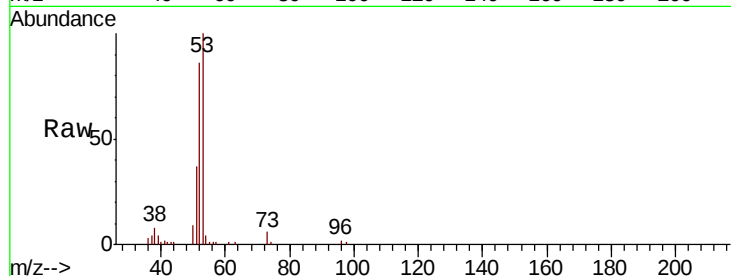
Tot Ion: 53 Resp: 123021

Ion Ratio Lower Upper

53 100

52 81.9 66.2 99.4

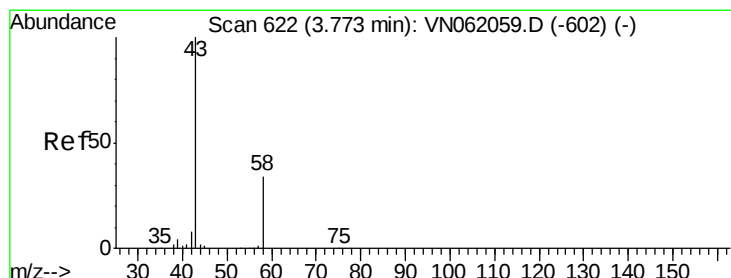
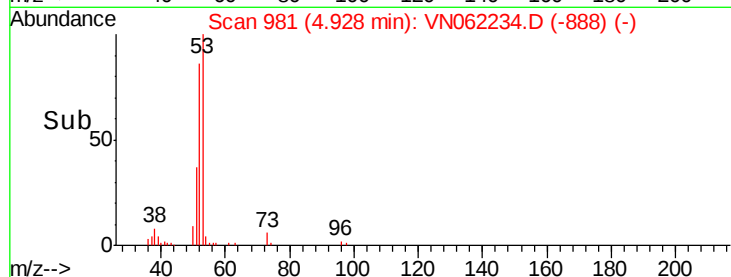
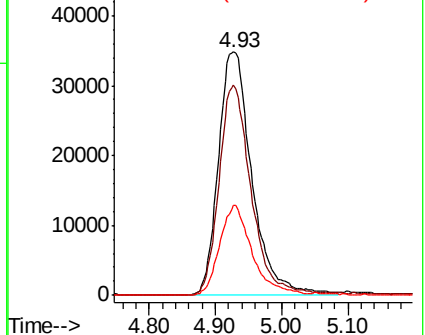
51 35.8 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062234.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN062234.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN062234.D (-888) (-)



#16

Acetone

Concen: 104.589 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062234.D

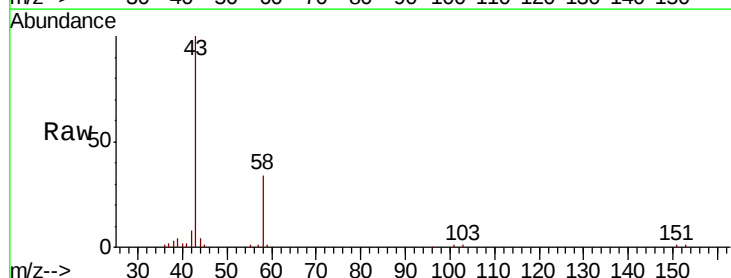
Acq: 30 Jun 2020 13:01

Tgt Ion: 43 Resp: 101212

Ion Ratio Lower Upper

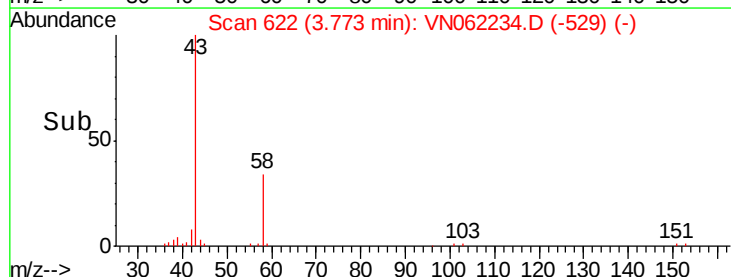
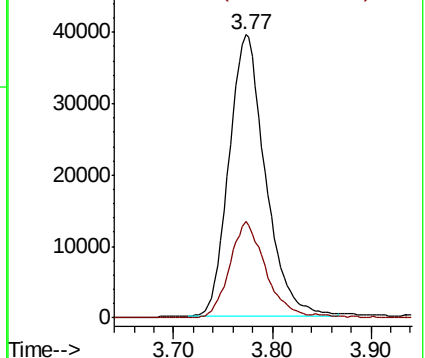
43 100

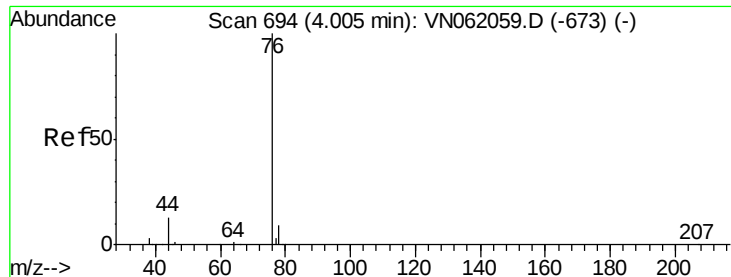
58 34.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062234.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062234.D (-529) (-)





#17

Carbon Disulfide

Concen: 17.845 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

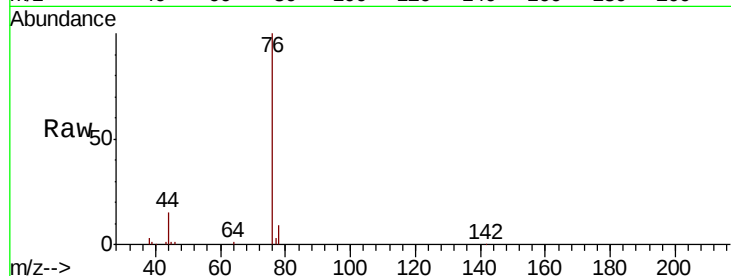
VN0630MBS01

Tot Ion: 76 Resp: 125868

Ion Ratio Lower Upper

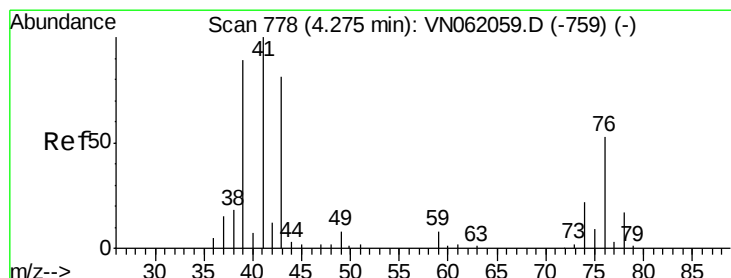
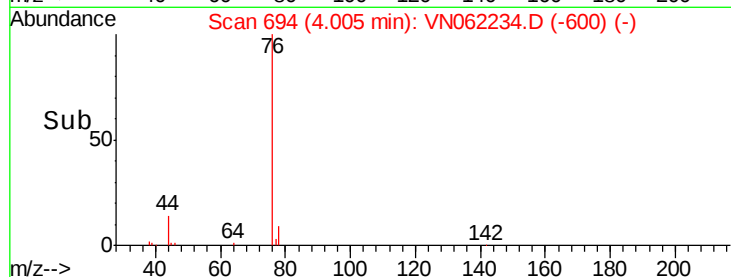
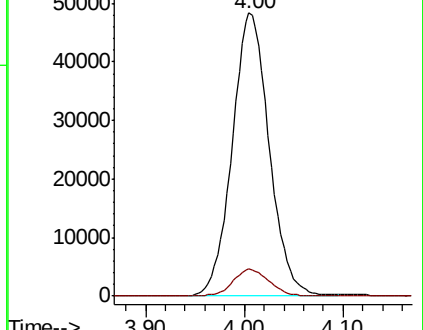
76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062234.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062234.D (-600) (-)



#18

Methyl Acetate

Concen: 21.687 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062234.D

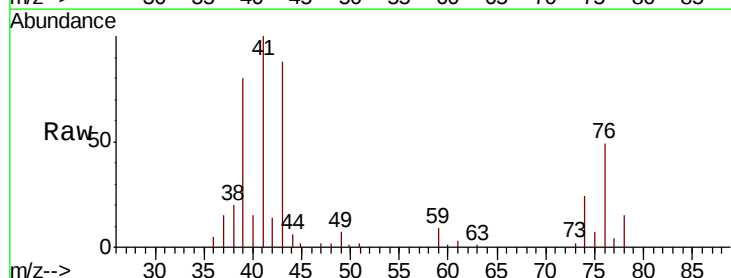
Acq: 30 Jun 2020 13:01

Tgt Ion: 43 Resp: 51979

Ion Ratio Lower Upper

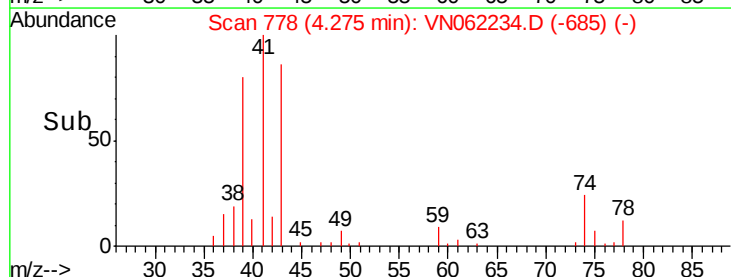
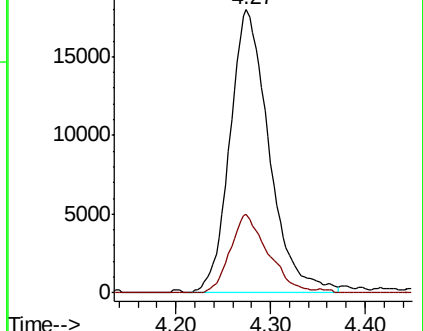
43 100

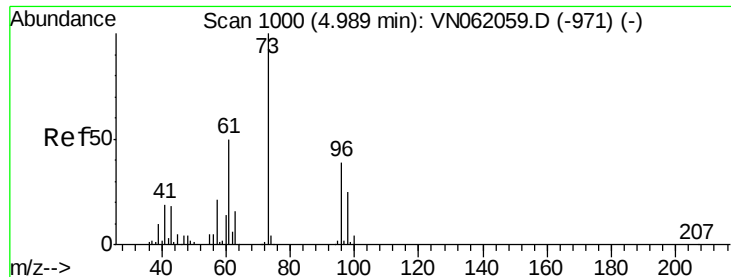
74 26.6 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062234.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062234.D (-685) (-)

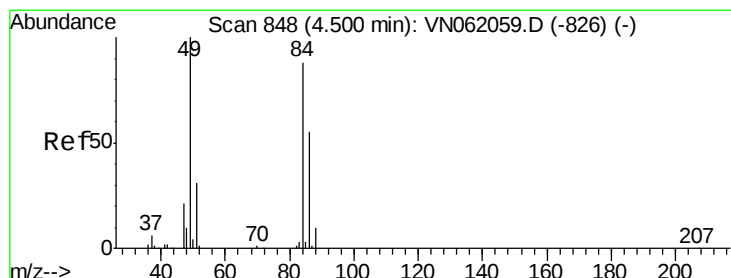
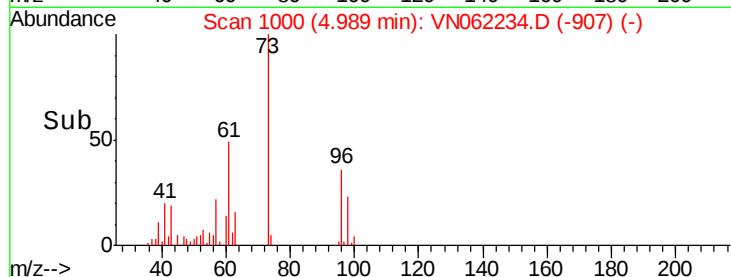
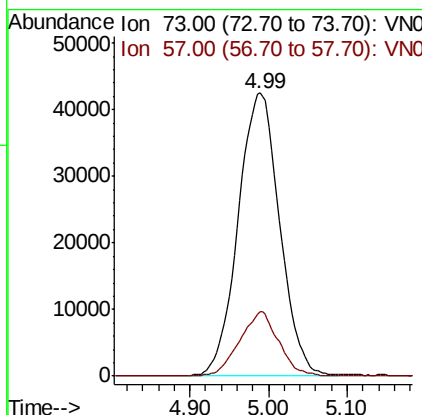
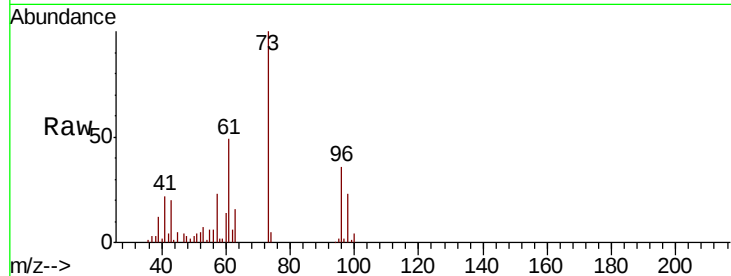




#19
Methyl tert-butyl Ether
Concen: 20.058 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

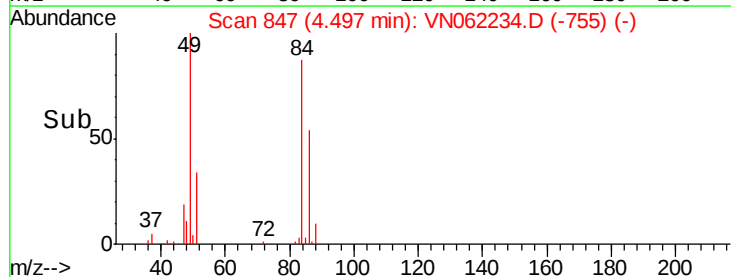
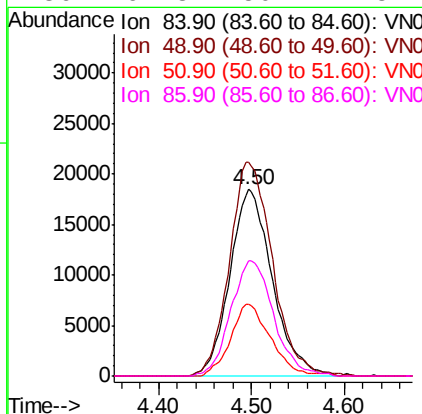
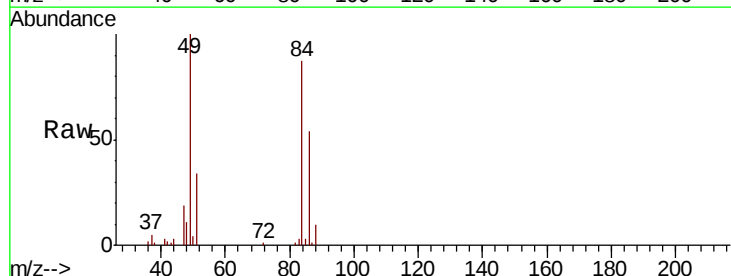
Instrument :
MSVOA_N
ClientSampleId :
VN0630MBS01

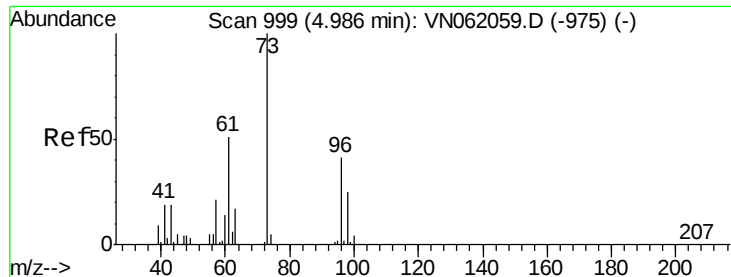
Tot Ion: 73 Resp: 158116
Ion Ratio Lower Upper
73 100
57 22.7 16.6 24.8



#20
Methylene Chloride
Concen: 21.066 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion: 84 Resp: 58654
Ion Ratio Lower Upper
84 100
49 114.6 90.6 136.0
51 38.6 27.8 41.8
86 61.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.987 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN0630MBS01

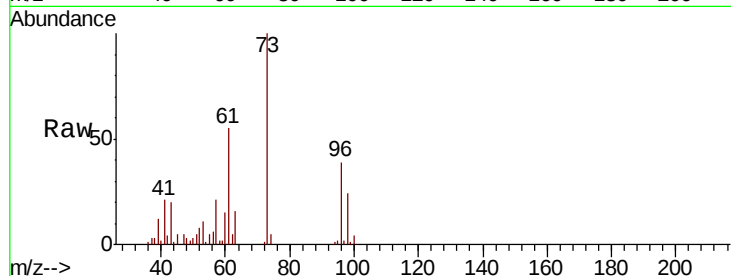
Tot Ion: 96 Resp: 50552

Ion Ratio Lower Upper

96 100

61 140.4 101.4 152.2

98 60.9 49.3 73.9

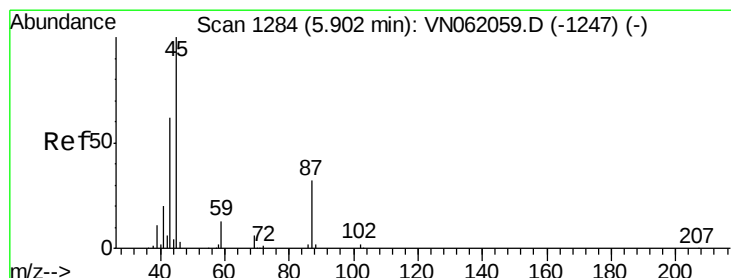
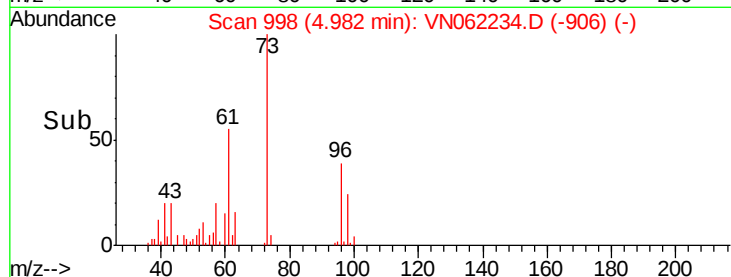
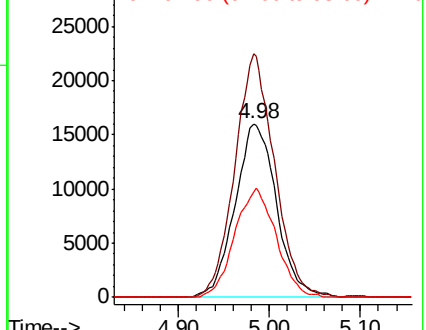


Abundance

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: 20.372 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Tgt Ion: 45 Resp: 155800

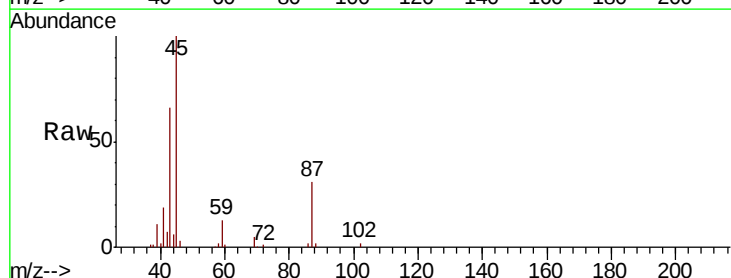
Ion Ratio Lower Upper

45 100

43 63.5 49.7 74.5

87 31.3 25.9 38.9

59 12.5 10.6 16.0



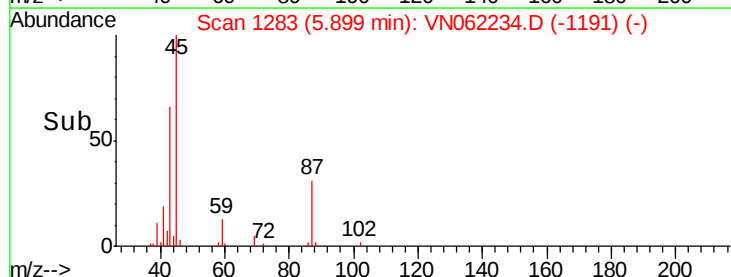
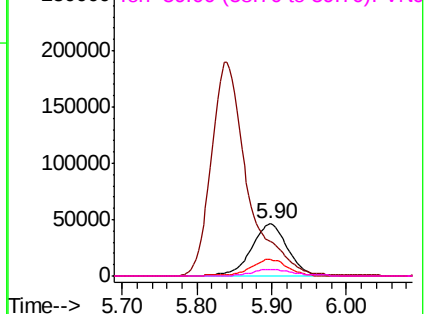
Abundance

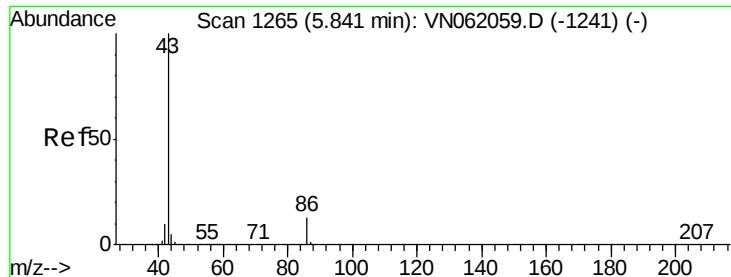
Ion 45.00 (44.70 to 45.70): VN0

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: 102.151 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

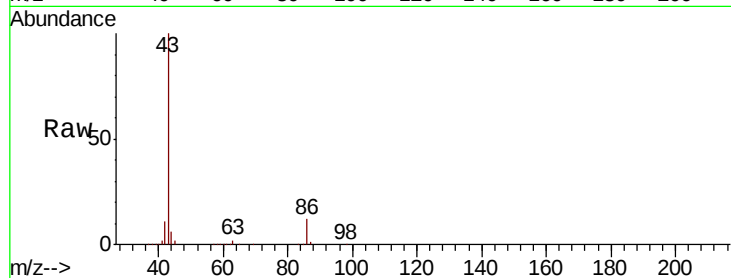
VN0630MBS01

Tot Ion: 43 Resp: 637821

Ion Ratio Lower Upper

43 100

86 12.0 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062234.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062234.D (-1172) (-)

5.84

200000

150000

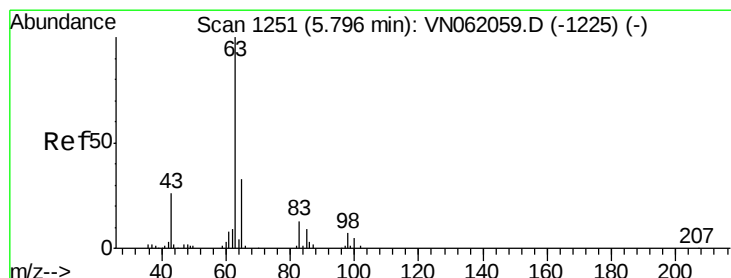
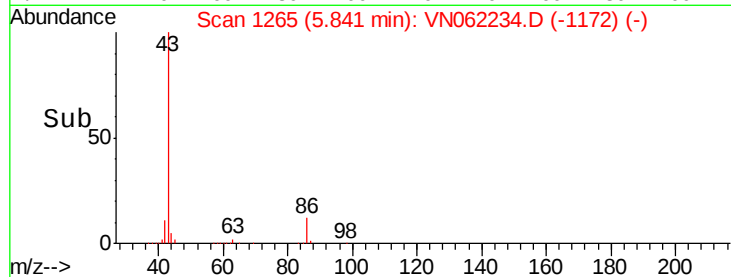
100000

50000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 19.440 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

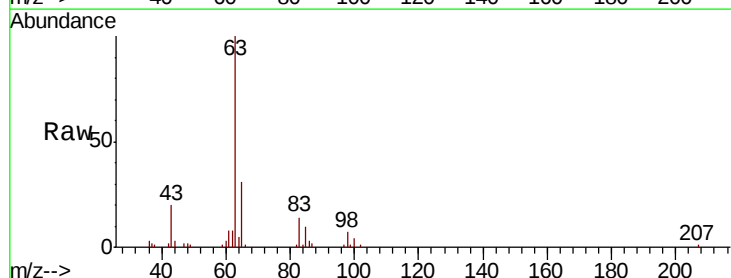
Tgt Ion: 63 Resp: 95736

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062234.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062234.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062234.D (-1158) (-)

40000

30000

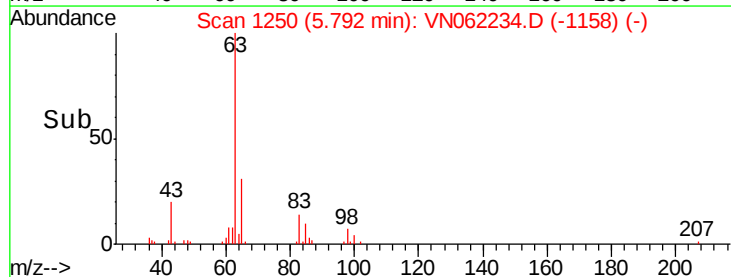
20000

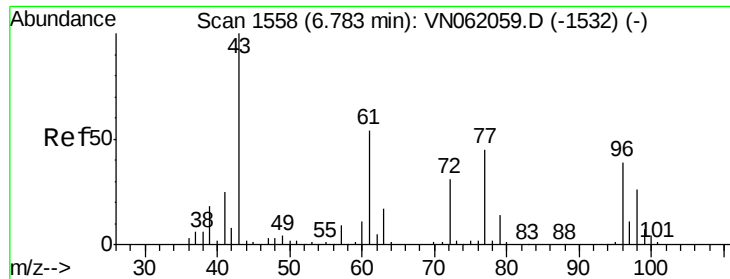
10000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 101.330 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

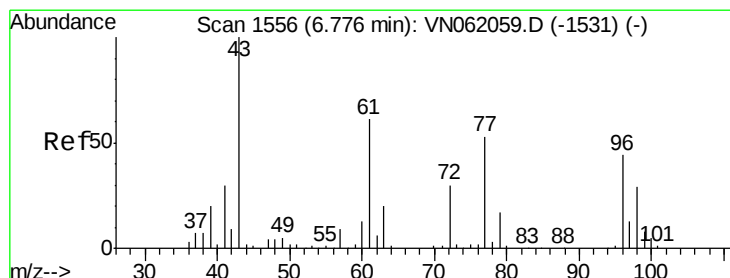
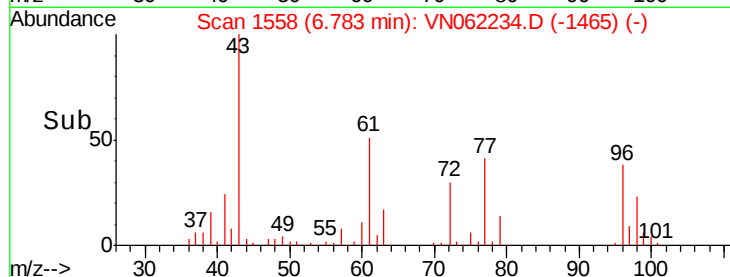
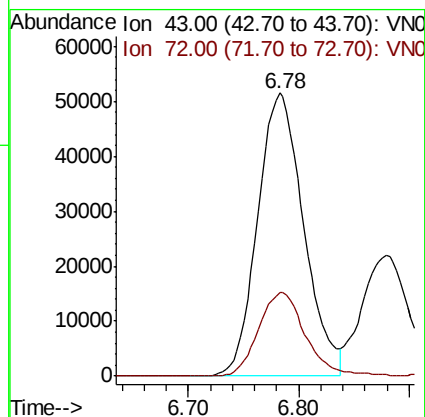
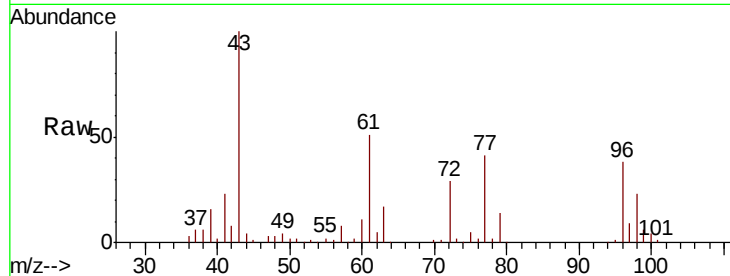
VN0630MBS01

Tot Ion: 43 Resp: 149334

Ion Ratio Lower Upper

43 100

72 29.4 24.8 37.2



#26

2,2-Dichloropropane

Concen: 18.697 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN062234.D

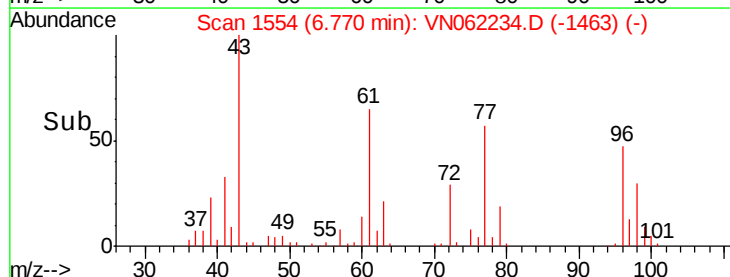
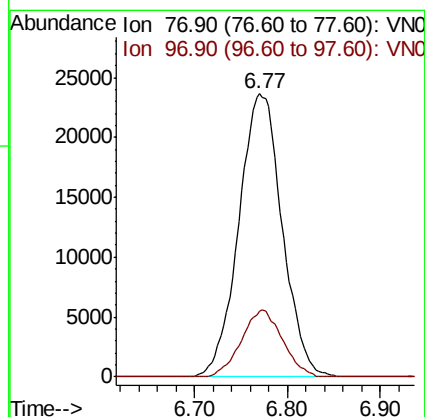
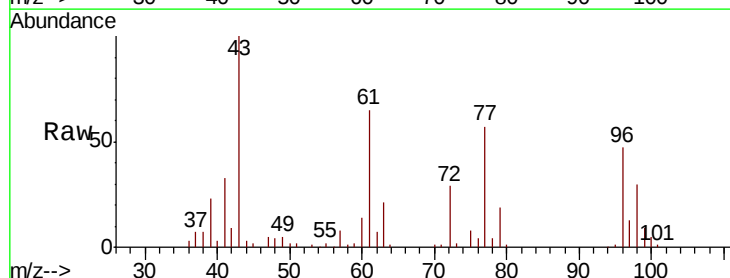
Acq: 30 Jun 2020 13:01

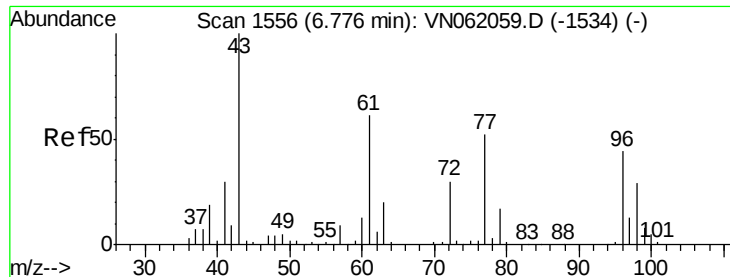
Tgt Ion: 77 Resp: 76727

Ion Ratio Lower Upper

77 100

97 22.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.006 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN0630MBS01

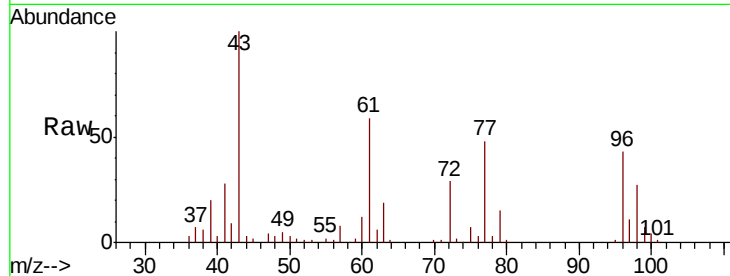
Tot Ion: 96 Resp: 60104

Ion Ratio Lower Upper

96 100

61 140.2 0.0 280.4

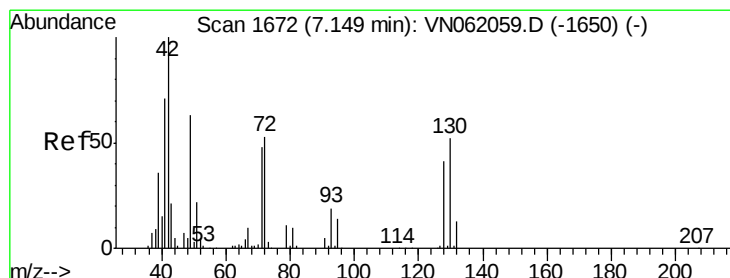
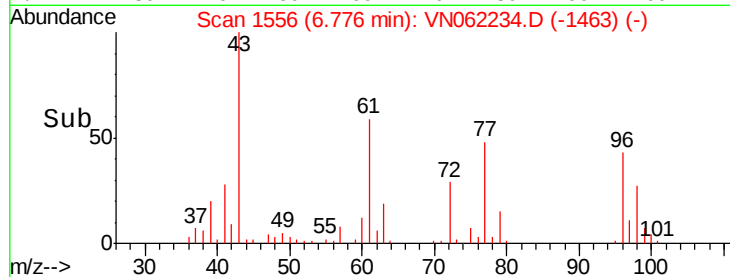
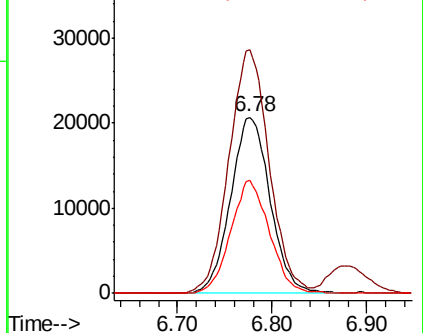
98 62.7 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#28

Bromochloromethane

Concen: 18.997 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

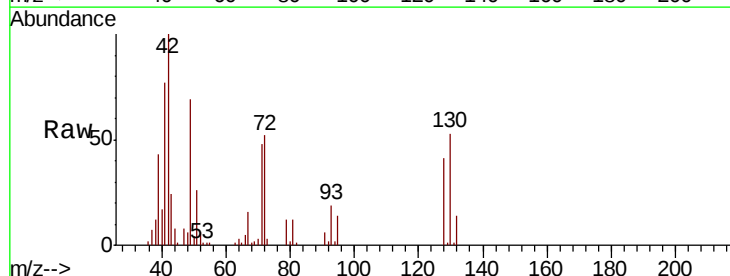
Tgt Ion: 49 Resp: 40590

Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.4

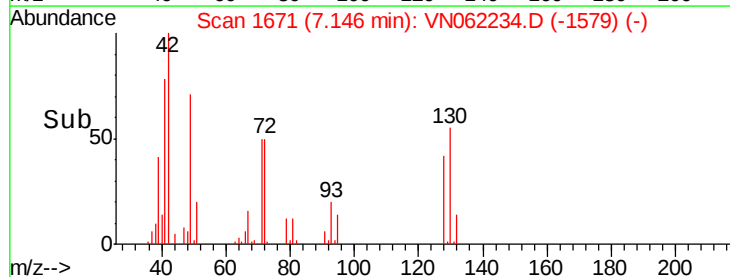
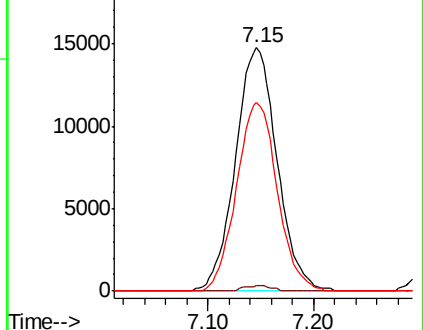
130 75.6 65.5 98.3

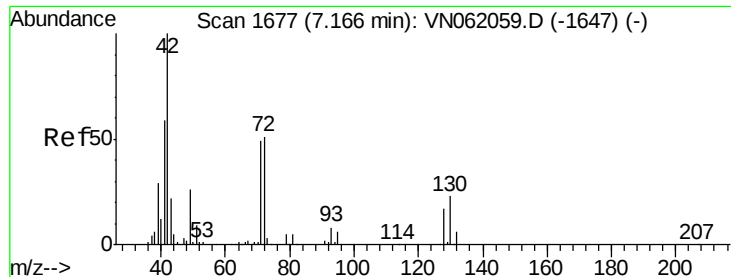


Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN062059.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN062059.D (-1650) (-)

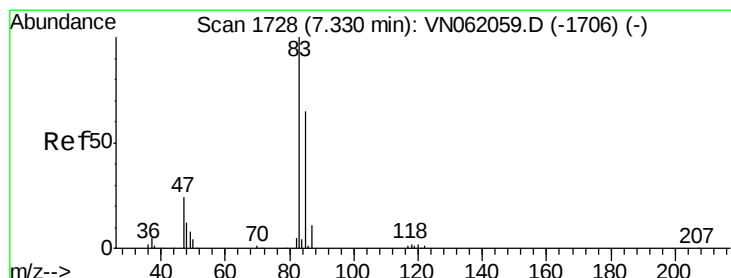
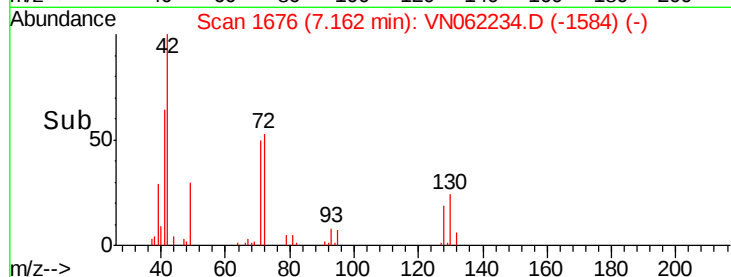
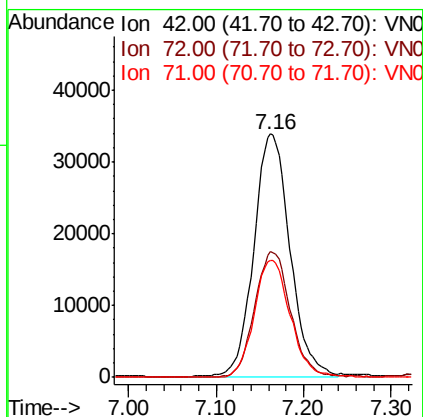
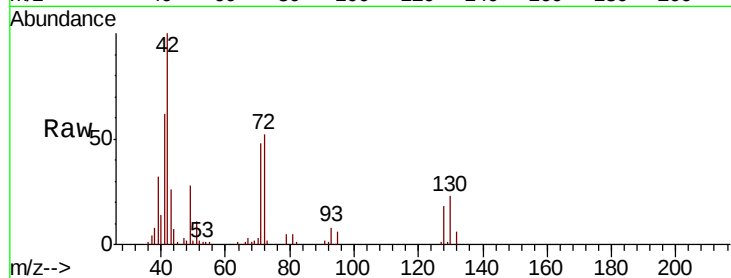




#29
Tetrahydrofuran
Concen: 101.352 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

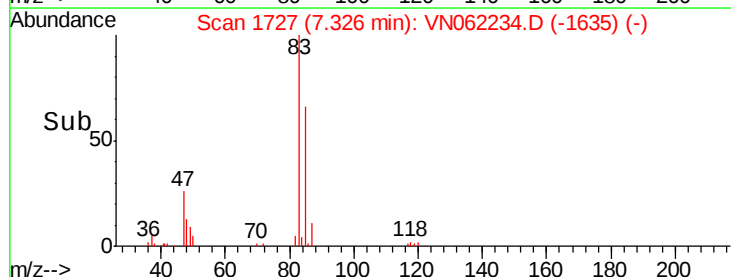
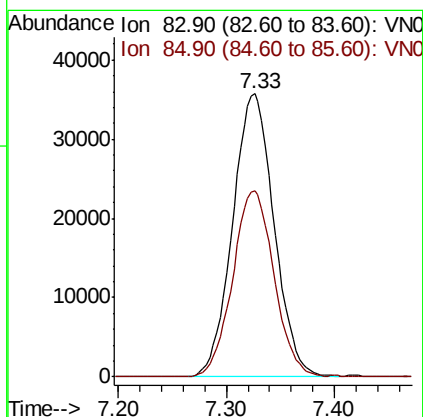
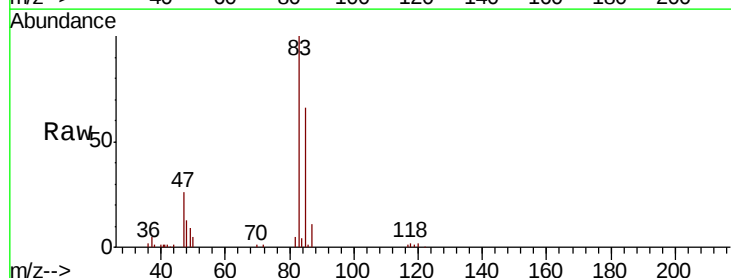
Instrument :
MSVOA_N
ClientSampleId :
VN0630MBS01

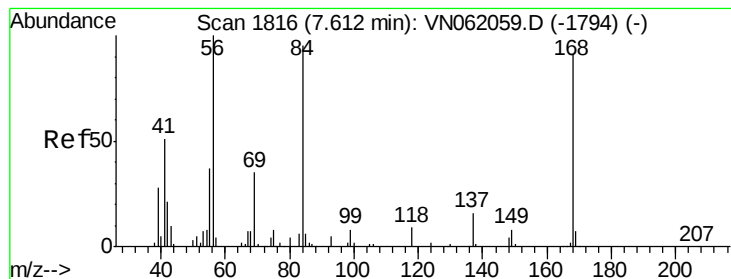
Tot Ion: 42 Resp: 97842
Ion Ratio Lower Upper
42 100
72 50.8 41.1 61.7
71 47.4 38.2 57.4



#30
Chloroform
Concen: 19.032 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion: 83 Resp: 95360
Ion Ratio Lower Upper
83 100
85 65.8 52.3 78.5





#31

Cyclohexane

Concen: 18.600 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN0630MBS01

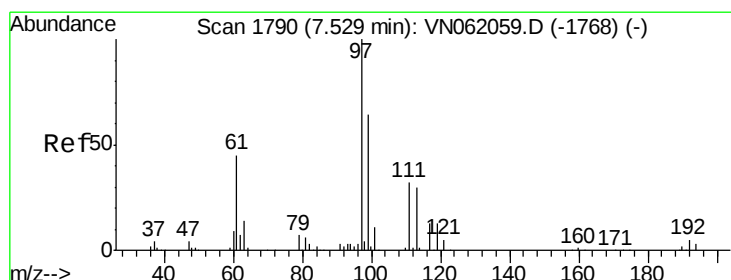
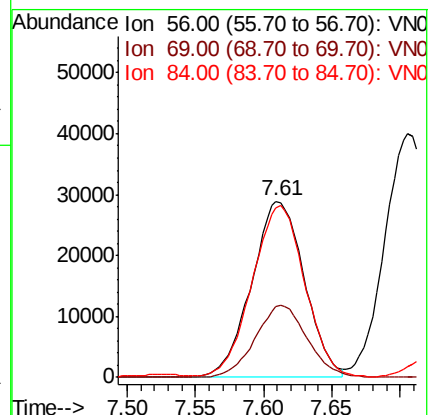
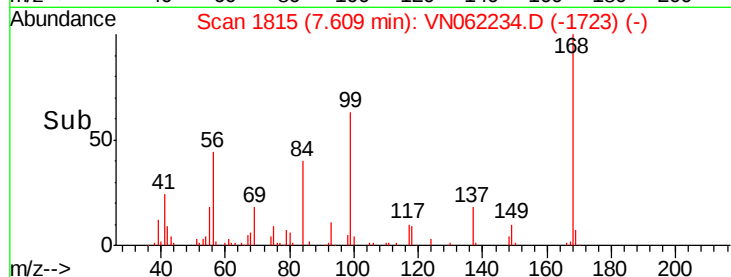
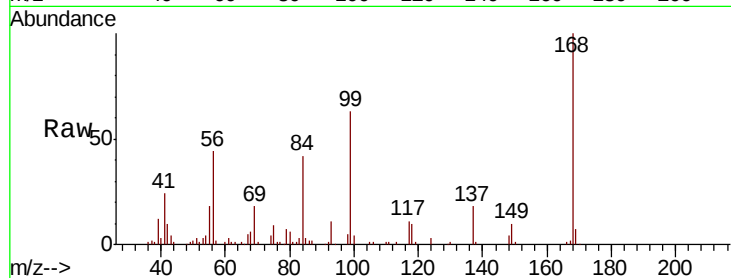
Tot Ion: 56 Resp: 77480

Ion Ratio Lower Upper

56 100

69 40.1 28.0 42.0

84 95.2 76.1 114.1



#32

1,1,1-Trichloroethane

Concen: 18.824 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

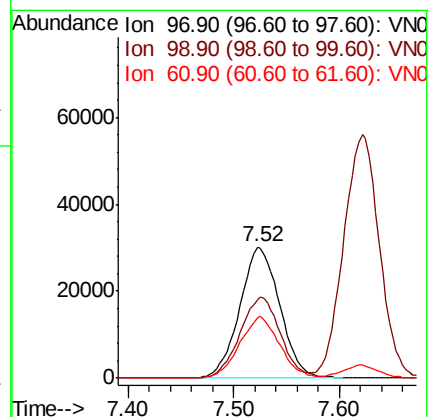
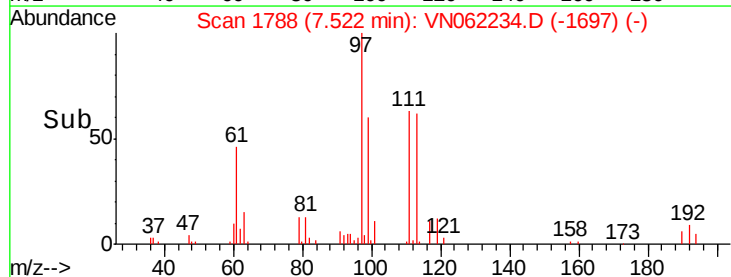
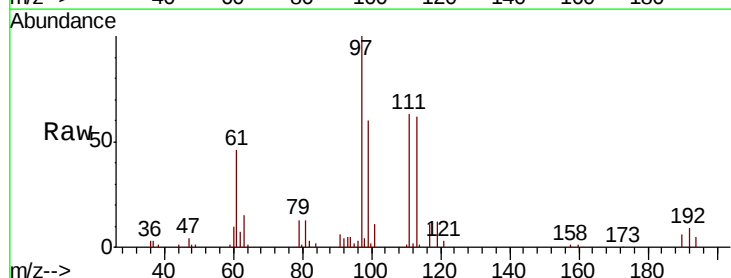
Tgt Ion: 97 Resp: 79541

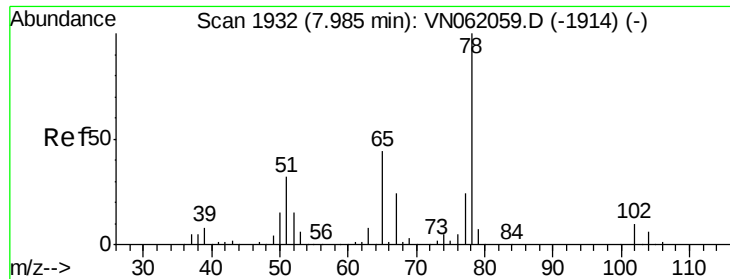
Ion Ratio Lower Upper

97 100

99 62.4 51.0 76.4

61 46.6 36.2 54.2

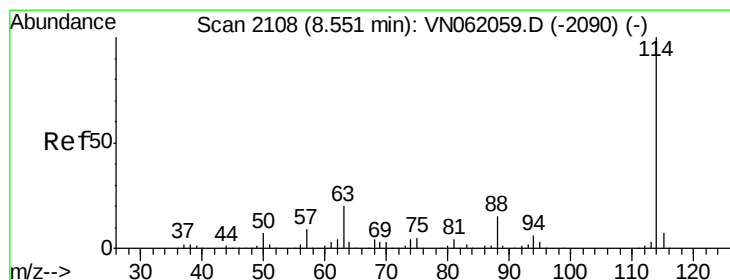
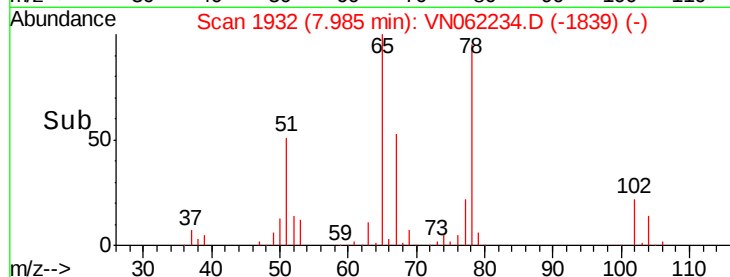
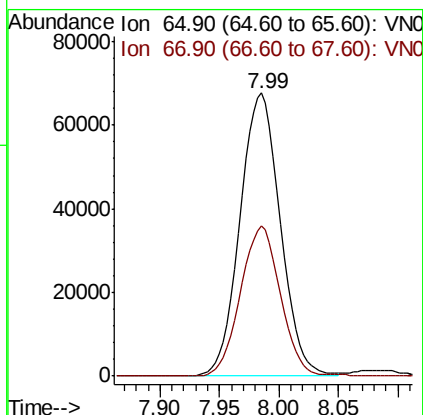
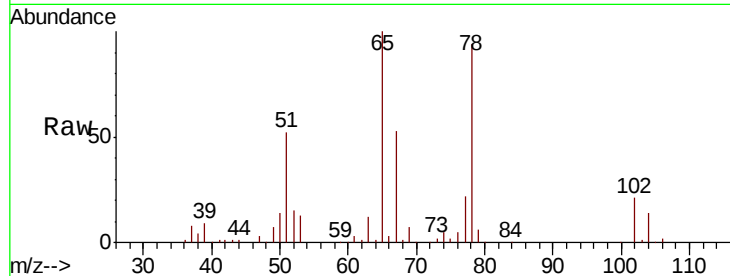




#33
 1,2-Dichloroethane-d4
 Concen: 52.671 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

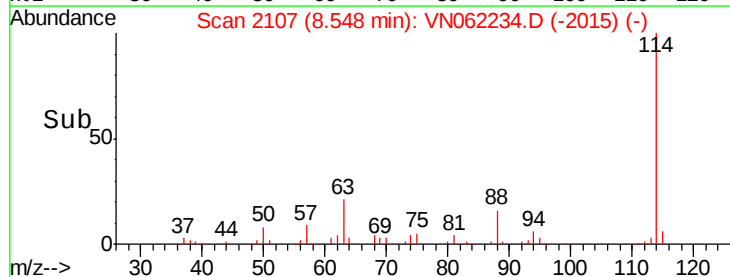
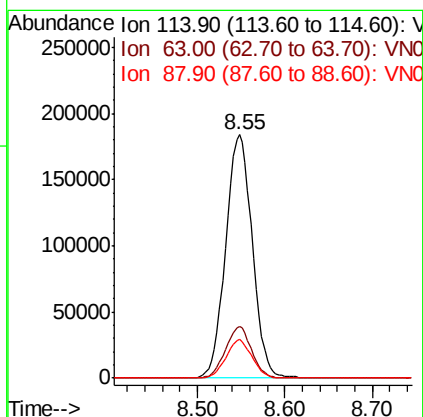
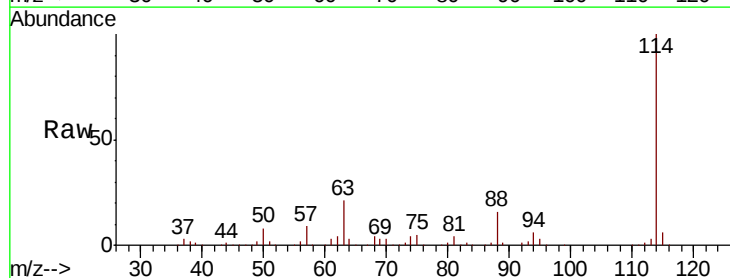
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBS01

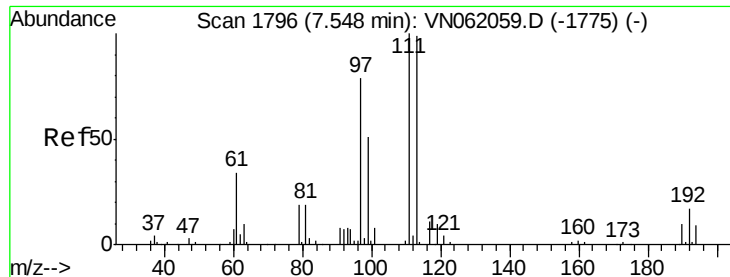
Tot Ion: 65 Resp: 158808
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

Tgt Ion: 114 Resp: 388508
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.2
 88 15.8 0.0 30.8

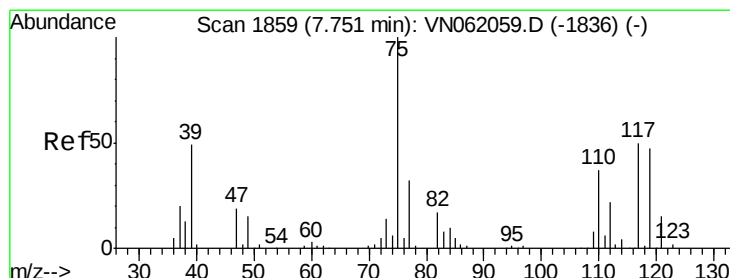
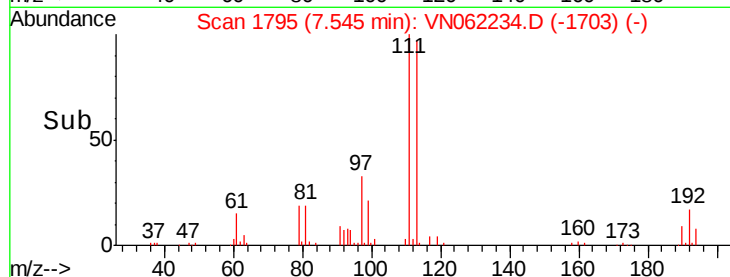
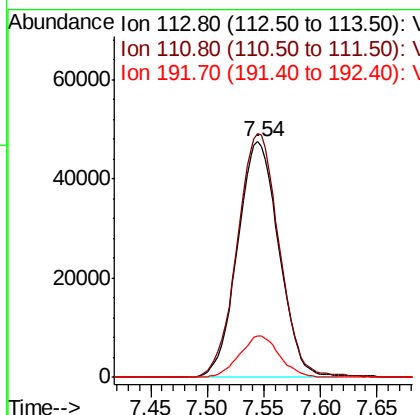
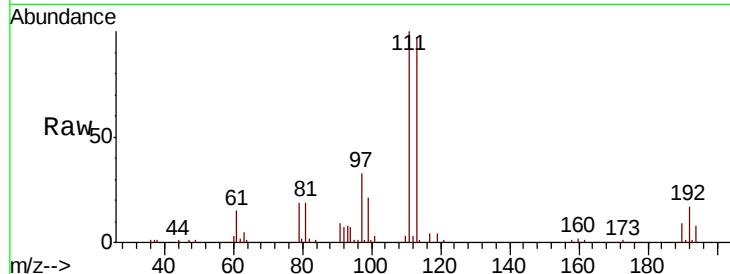




#35
 Dibromofluoromethane
 Concen: 48.477 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

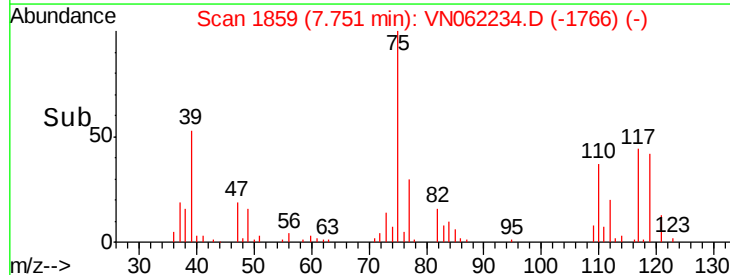
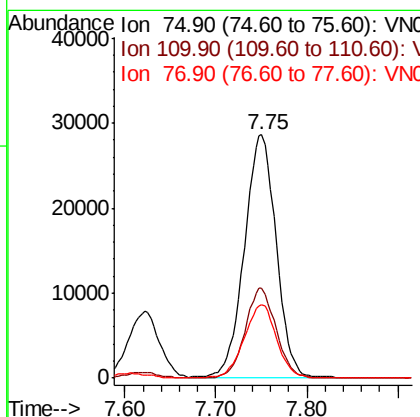
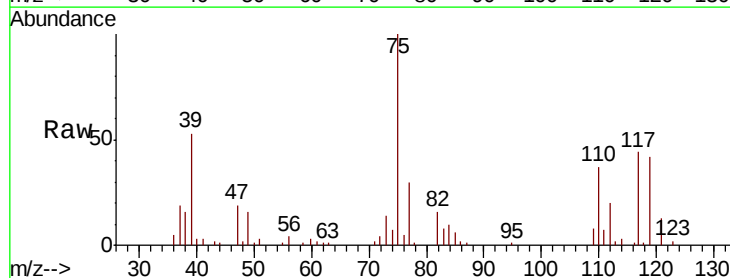
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBS01

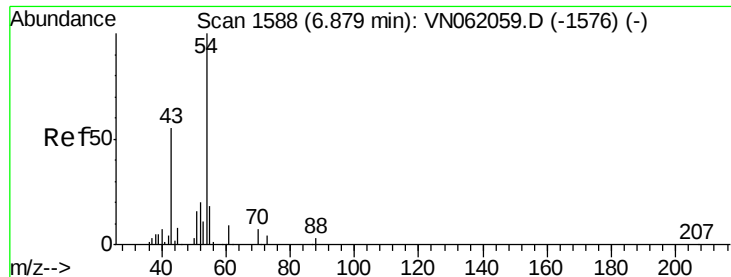
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.2	123.4
192	16.8	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 17.852 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.9	53.8
77	30.7	24.9	37.3

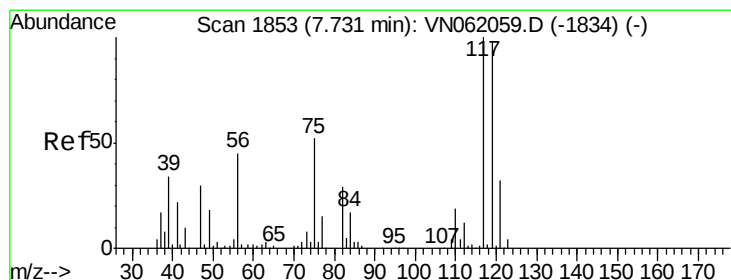
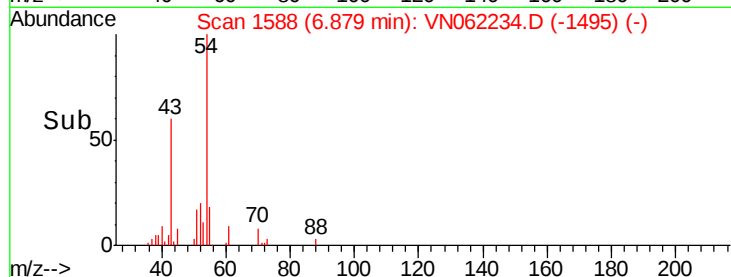
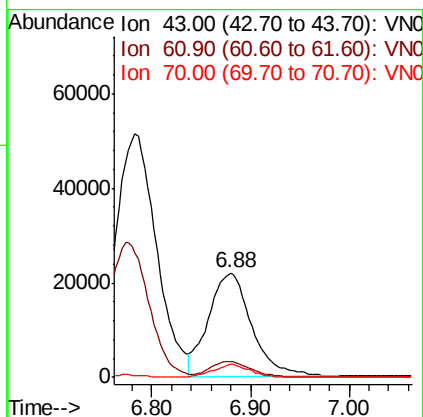
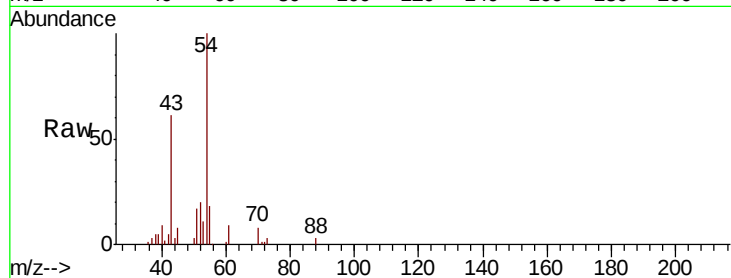




#37
Ethyl Acetate
Concen: 20.595 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

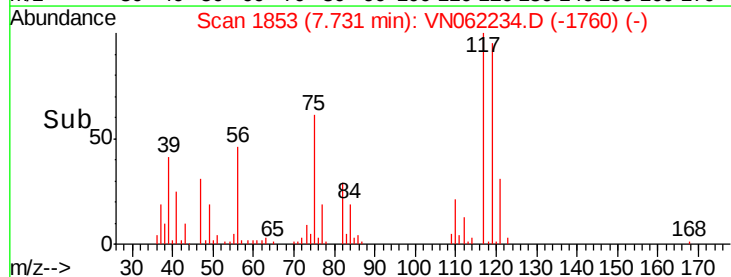
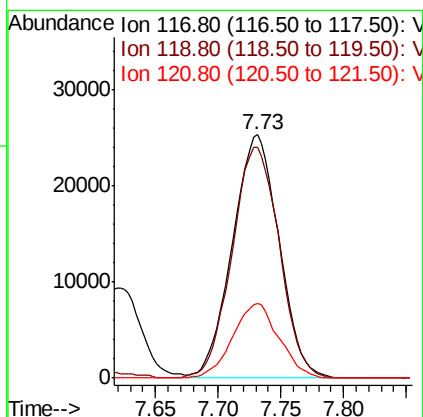
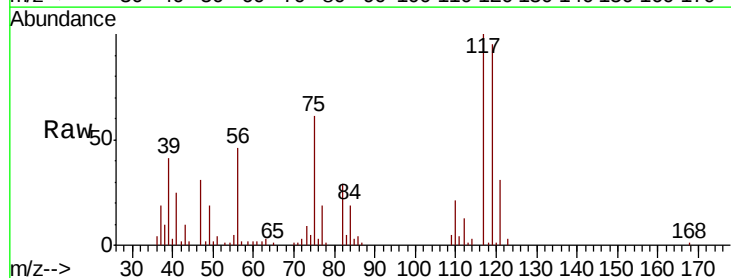
Instrument :
MSVOA_N
ClientSampleId :
VN0630MBS01

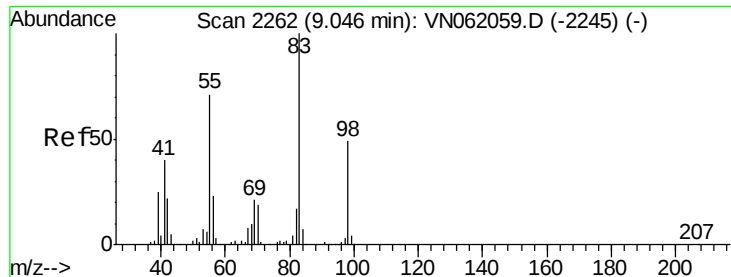
Tot Ion: 43 Resp: 66596
Ion Ratio Lower Upper
43 100
61 14.7 12.0 18.0
70 10.4 9.6 14.4



#38
Carbon Tetrachloride
Concen: 17.808 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion: 117 Resp: 65564
Ion Ratio Lower Upper
117 100
119 94.8 78.2 117.2
121 30.9 25.8 38.6

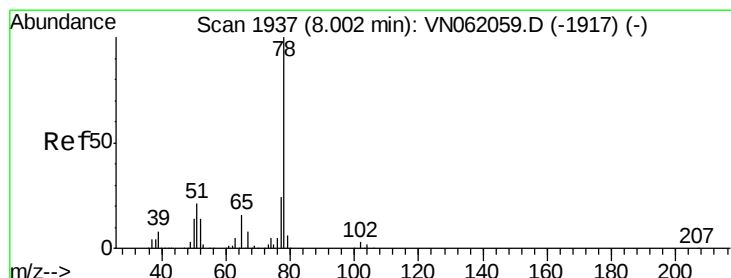
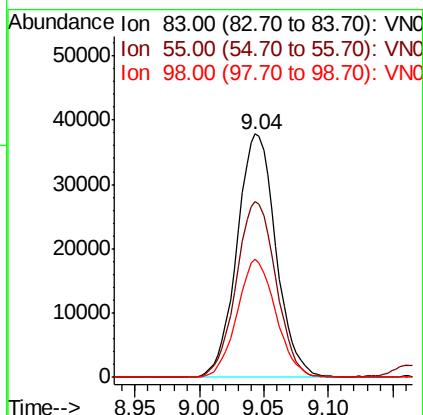
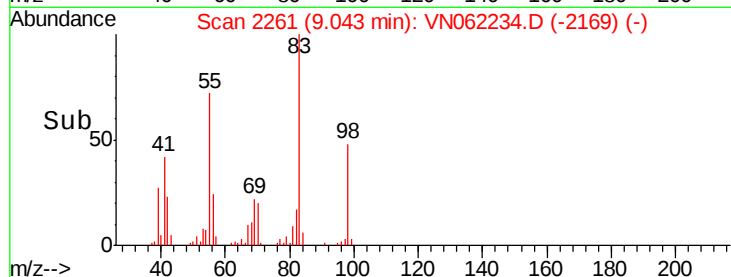
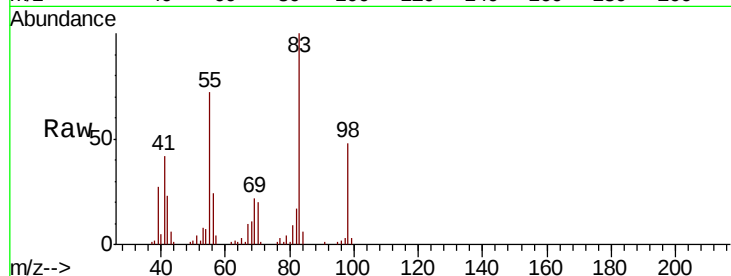




#39
Methvlcvclohexane
Concen: 18.583 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

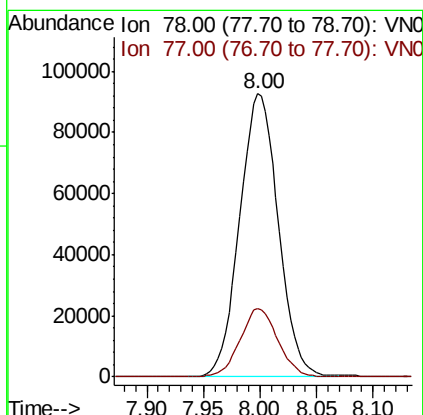
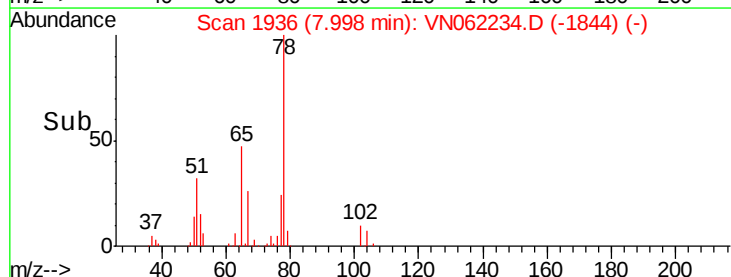
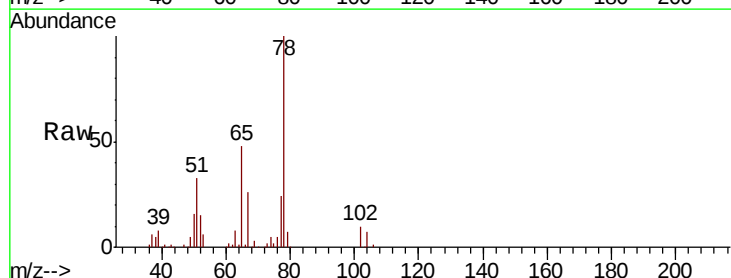
Instrument :
MSVOA_N
ClientSampleId :
VN0630MBS01

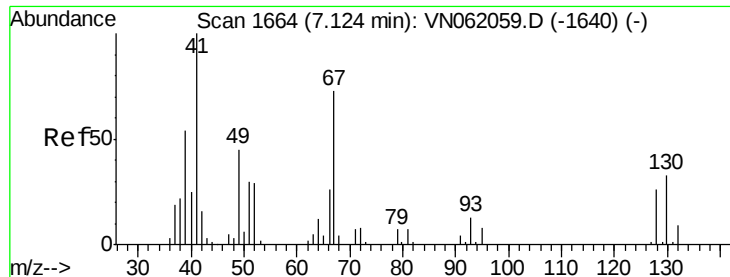
Tot Ion: 83 Resp: 79510
Ion Ratio Lower Upper
83 100
55 72.4 57.0 85.6
98 48.4 39.0 58.6



#40
Benzene
Concen: 18.504 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion: 78 Resp: 220247
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

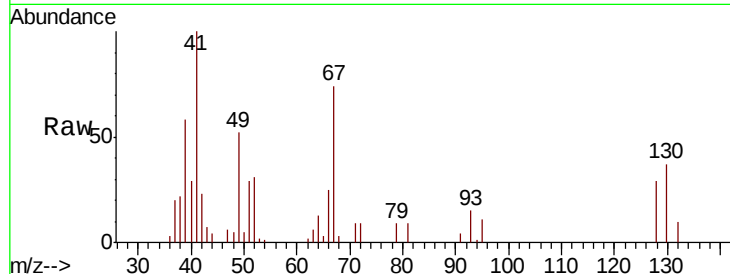




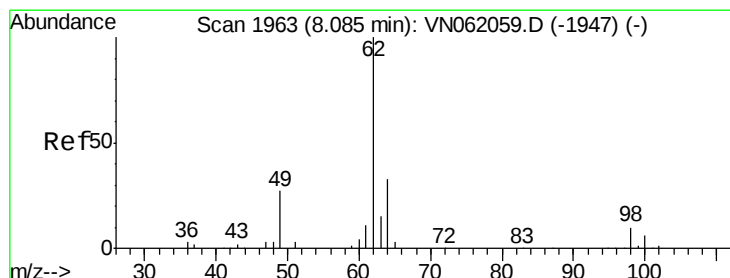
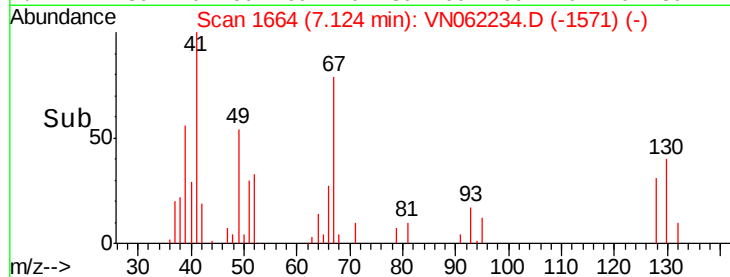
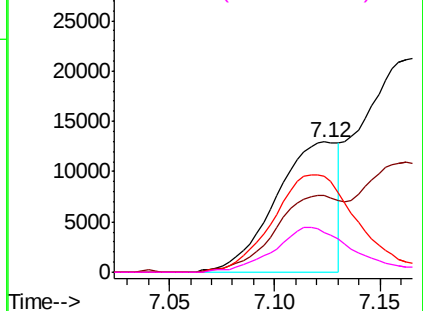
#41
Methacrylonitrile
Concen: 17.751 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Instrument :
MSVOA_N
ClientSampled :
VN0630MBS01

Tot Ion:	41	Resp:	26611
Ion	Ratio	Lower	Upper
41	100		
39	63.8	44.2	66.2
67	103.0	79.5	119.3
52	44.9	32.3	48.5

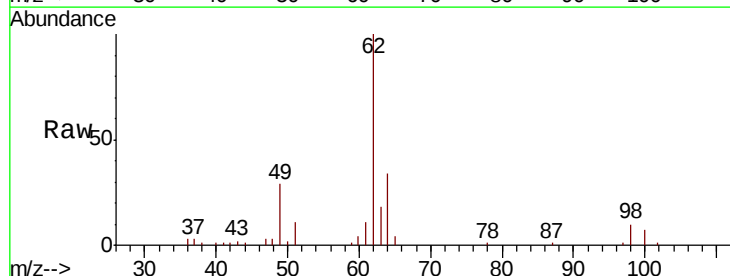


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

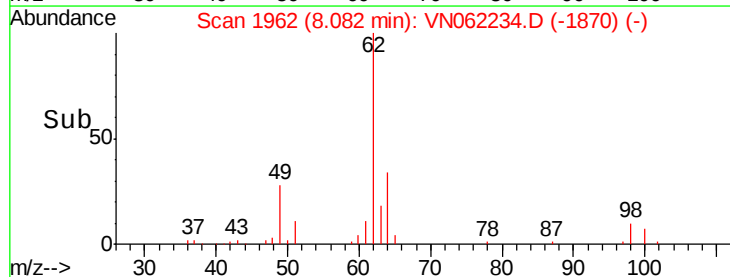
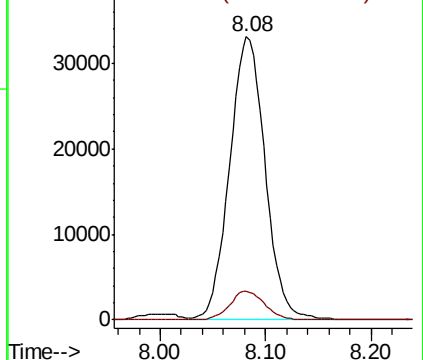


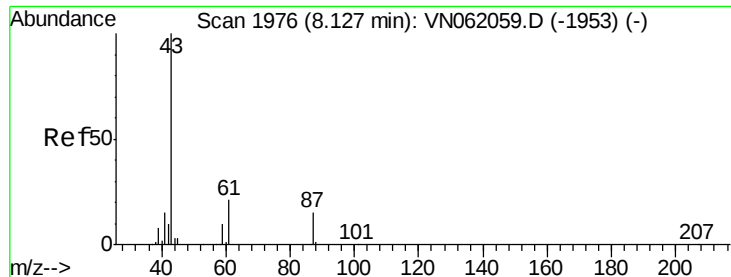
#42
1,2-Dichloroethane
Concen: 19.253 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion:	62	Resp:	77424
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8



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





#43

Isopropyl Acetate

Concen: 20.071 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN0630MBS01

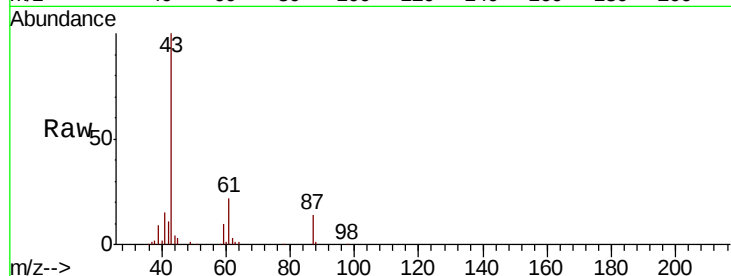
Tot Ion: 43 Resp: 105801

Ion Ratio Lower Upper

43 100

61 21.7 17.2 25.8

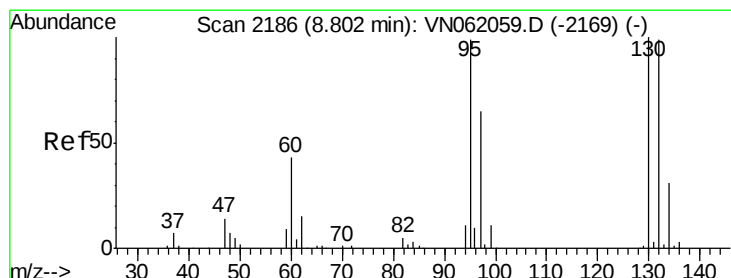
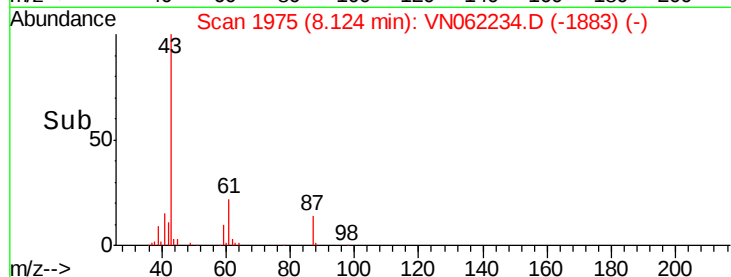
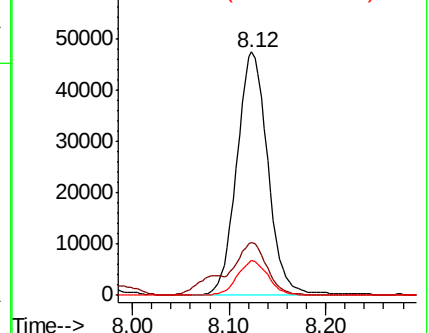
87 14.0 12.1 18.1



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: 17.293 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062234.D

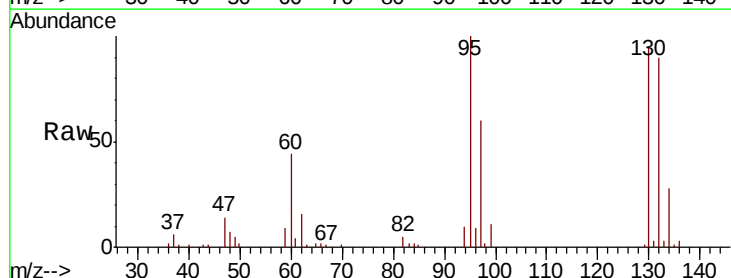
Acq: 30 Jun 2020 13:01

Tgt Ion:130 Resp: 51921

Ion Ratio Lower Upper

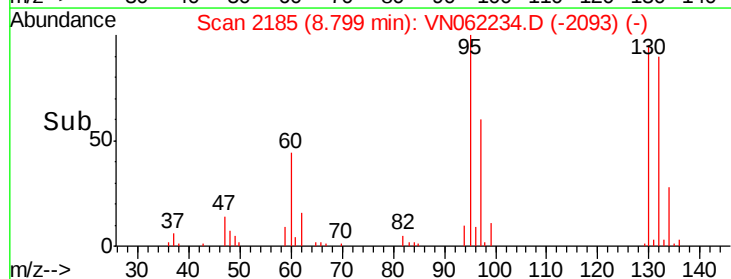
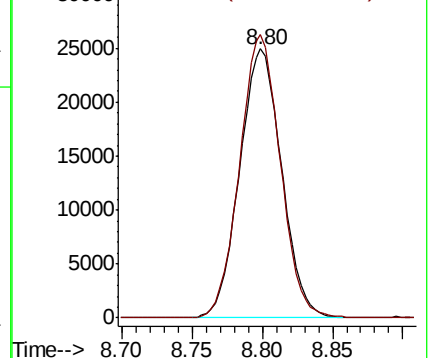
130 100

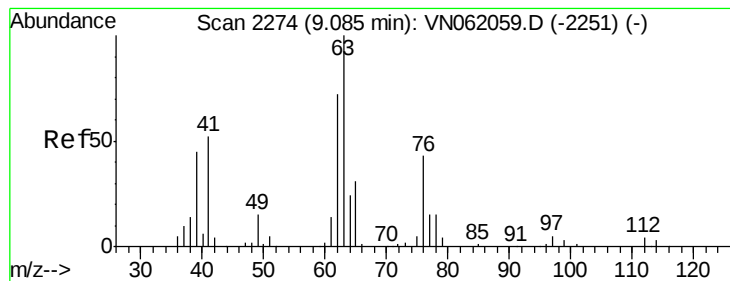
95 105.3 0.0 197.8



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: 19.387 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

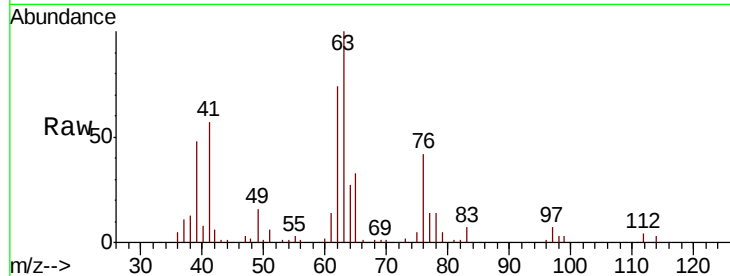
VN0630MBS01

Tot Ion: 63 Resp: 56929

Ion Ratio Lower Upper

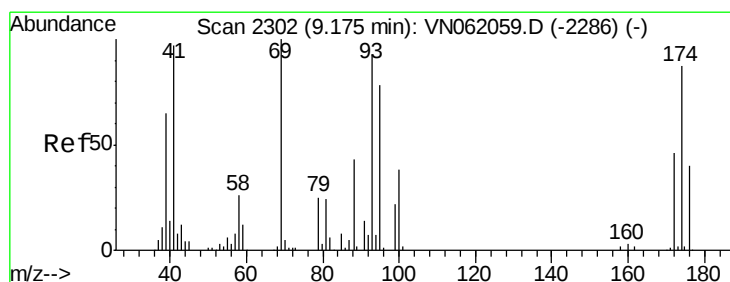
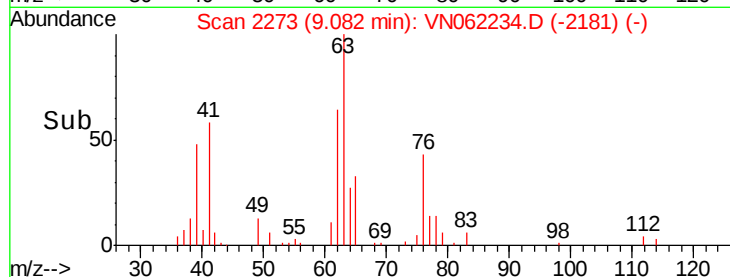
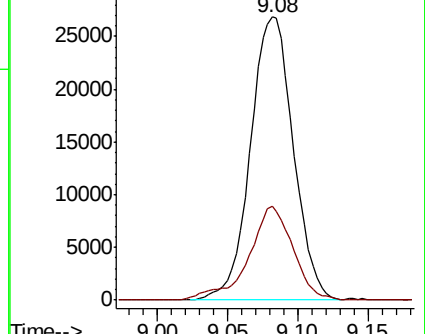
63 100

65 33.2 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.036 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

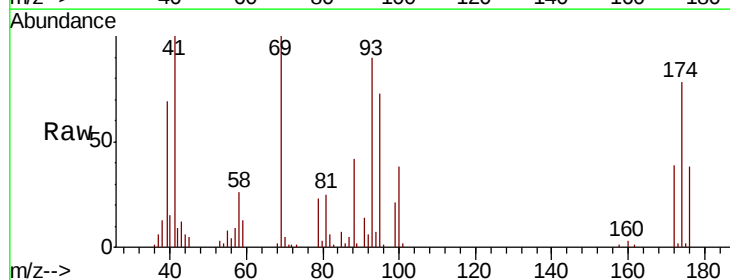
Tgt Ion: 93 Resp: 37898

Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.6

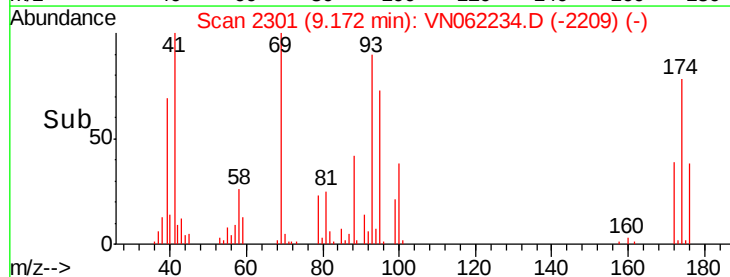
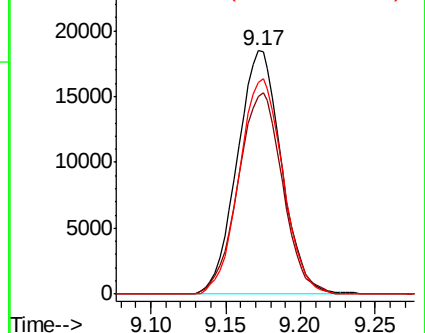
174 87.6 74.4 111.6

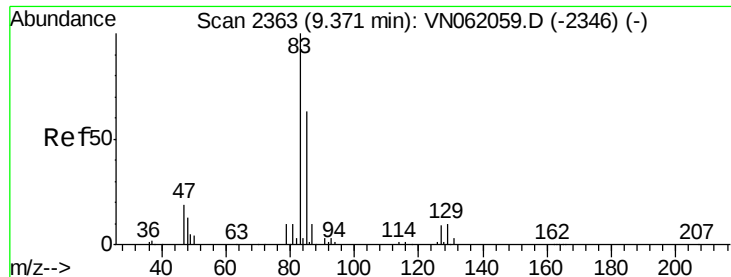


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

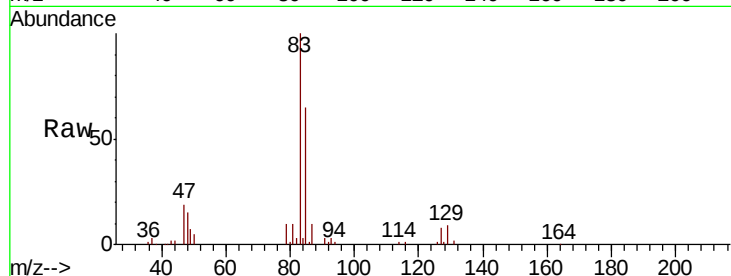




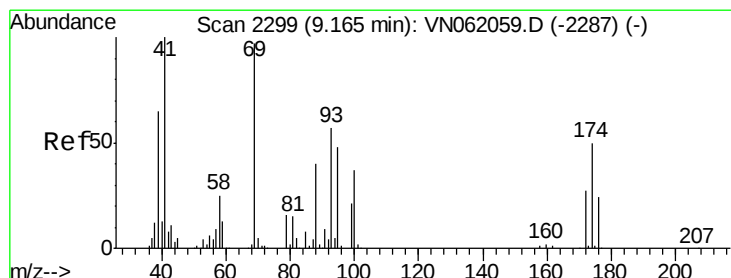
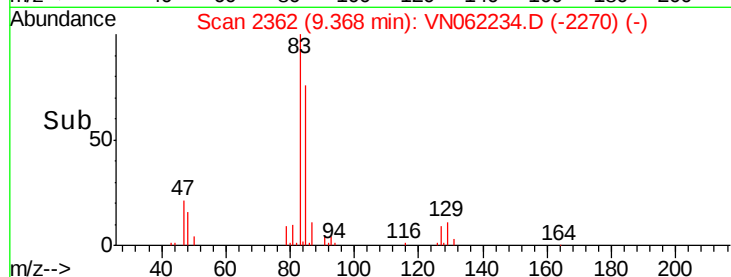
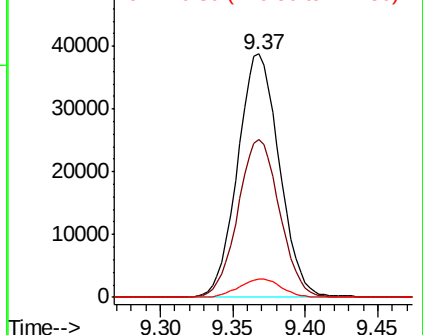
#47
Bromodichloromethane
Concen: 19.295 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN0630MBS01

Tot Ion: 83 Resp: 77566
Ion Ratio Lower Upper
83 100
85 65.0 50.3 75.5
127 7.6 6.9 10.3

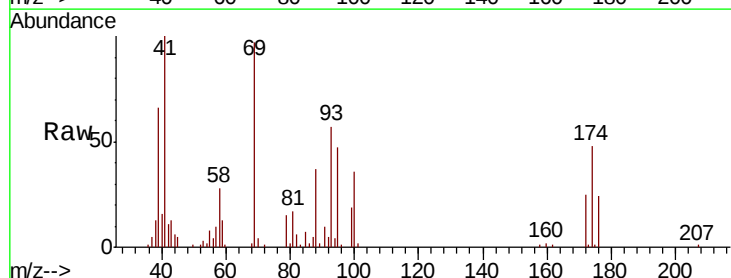


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

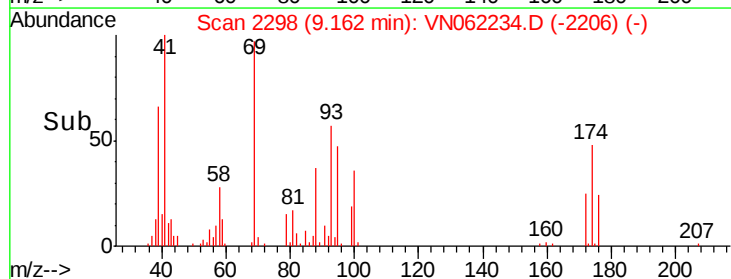
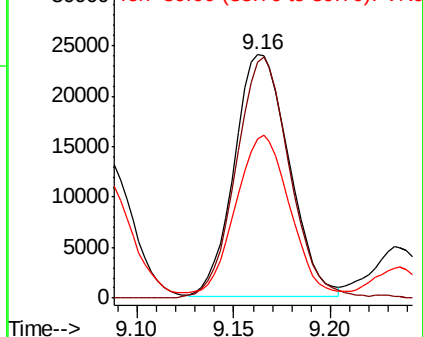


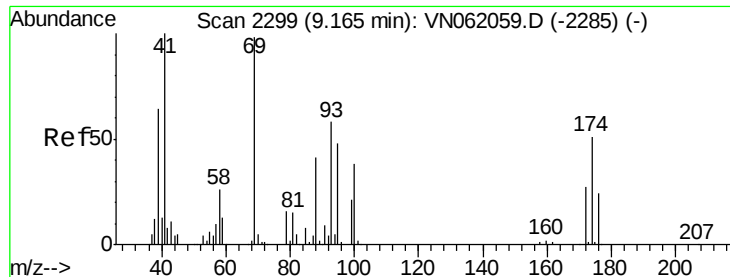
#48
Methyl methacrylate
Concen: 19.972 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion: 41 Resp: 47205
Ion Ratio Lower Upper
41 100
69 96.9 80.7 121.1
39 67.9 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

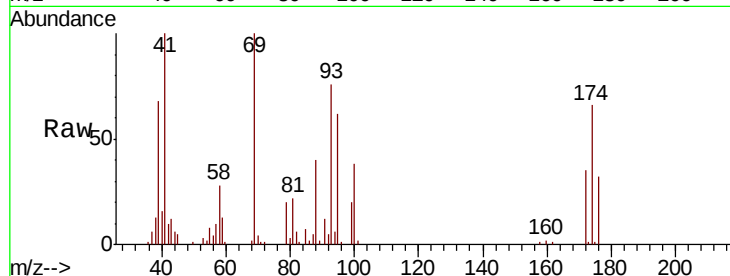




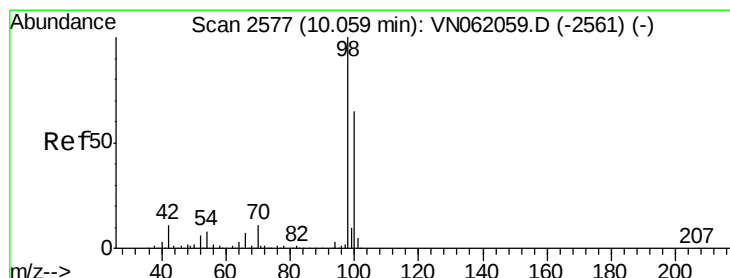
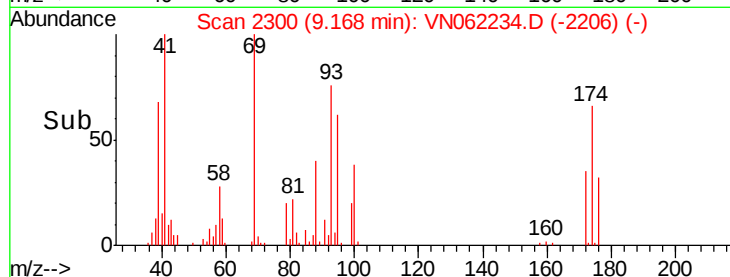
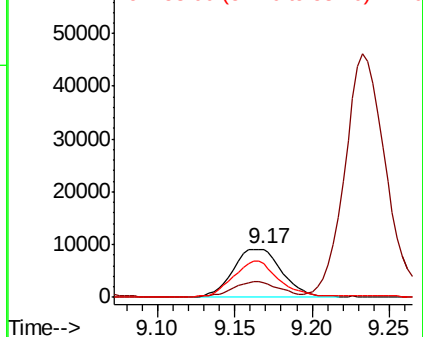
#49
1,4-Dioxane
Concen: 386.557 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN0630MBS01

Tot Ion: 88 Resp: 20261
Ion Ratio Lower Upper
88 100
43 32.0 22.0 33.0
58 69.3 49.2 73.8

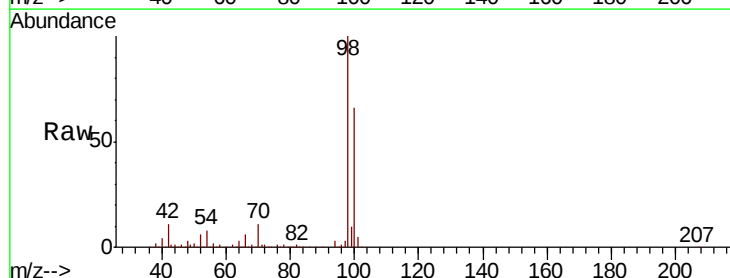


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

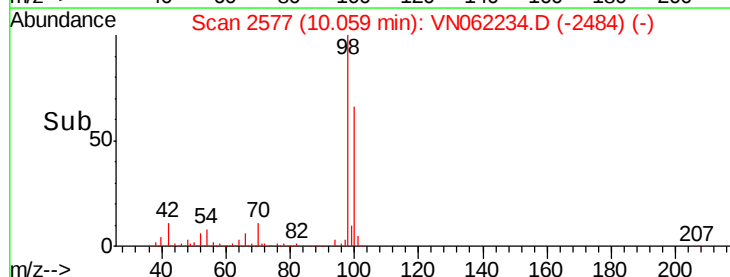
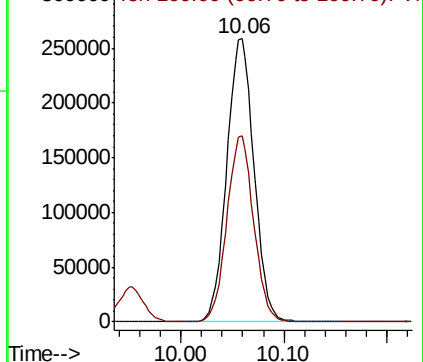


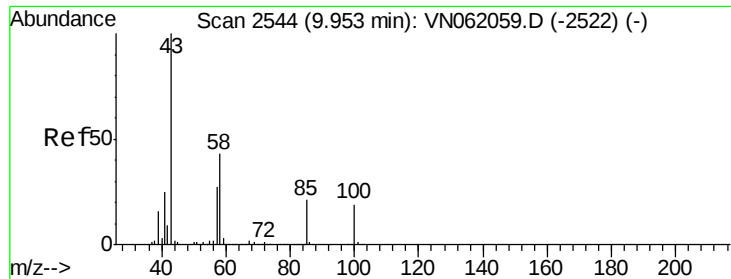
#50
Toluene-d8
Concen: 47.892 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion: 98 Resp: 477160
Ion Ratio Lower Upper
98 100
100 64.4 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: 101.559 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

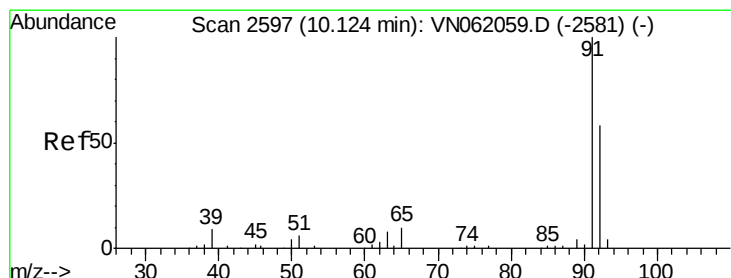
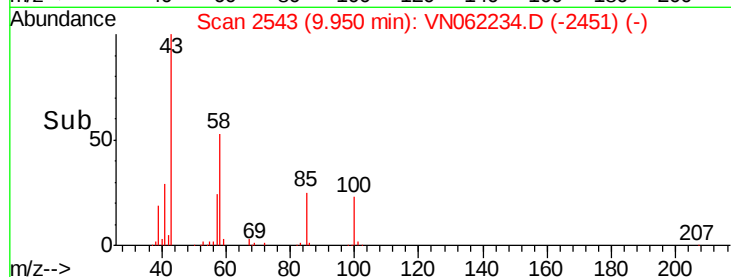
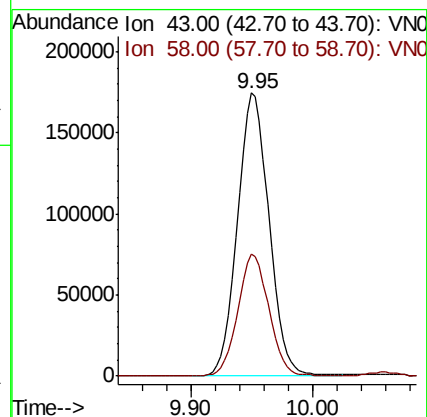
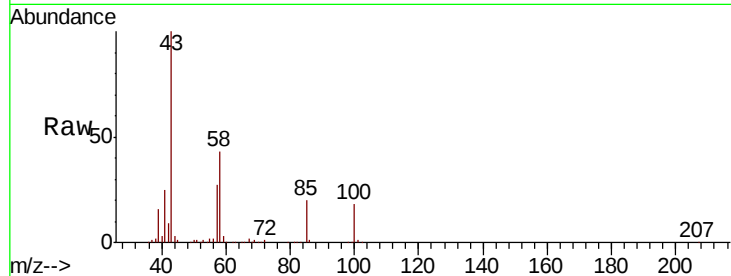
VN0630MBS01

Tot Ion: 43 Resp: 312783

Ion Ratio Lower Upper

43 100

58 42.4 34.2 51.2



#52

Toluene

Concen: 18.708 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062234.D

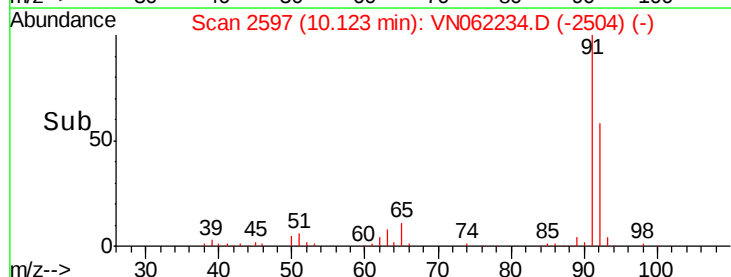
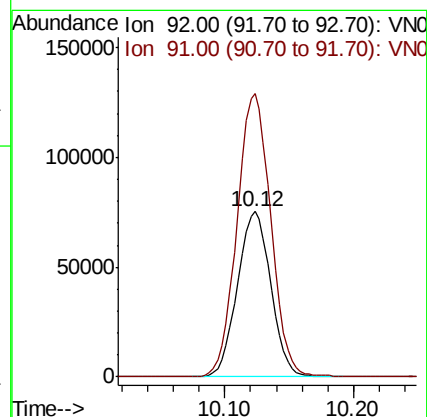
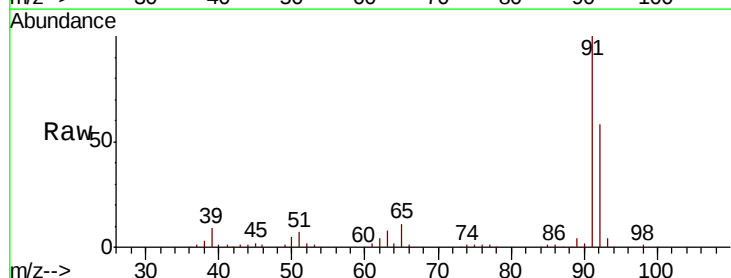
Acq: 30 Jun 2020 13:01

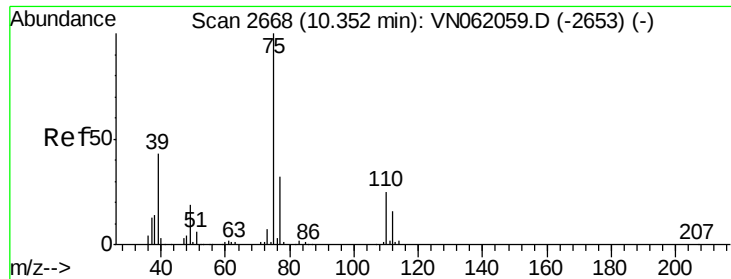
Tgt Ion: 92 Resp: 135867

Ion Ratio Lower Upper

92 100

91 173.2 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.912 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

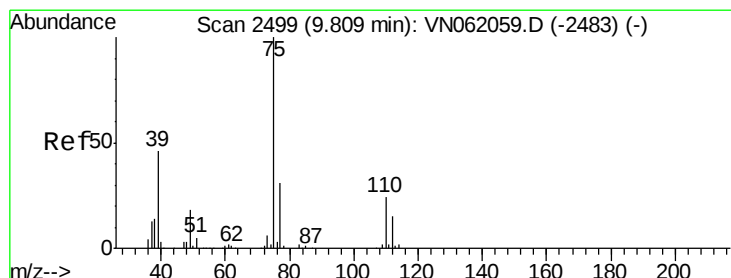
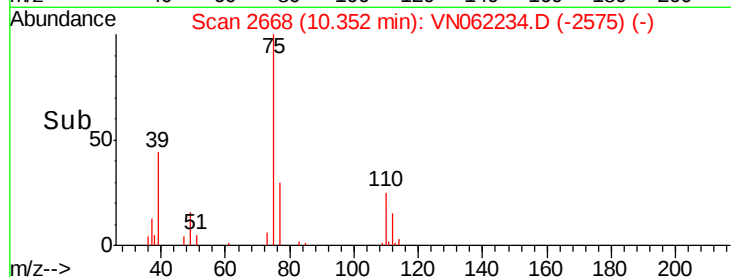
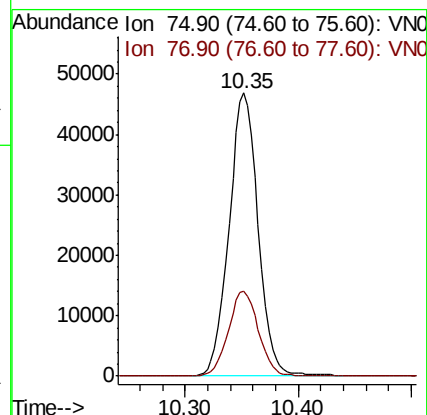
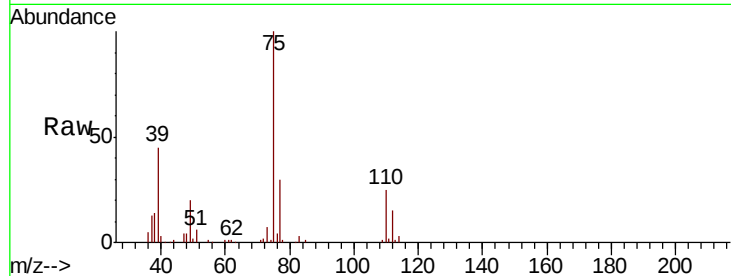
VN0630MBS01

Tot Ion: 75 Resp: 83640

Ion Ratio Lower Upper

75 100

77 30.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.293 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

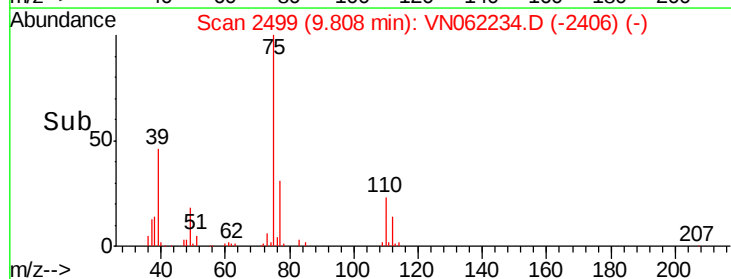
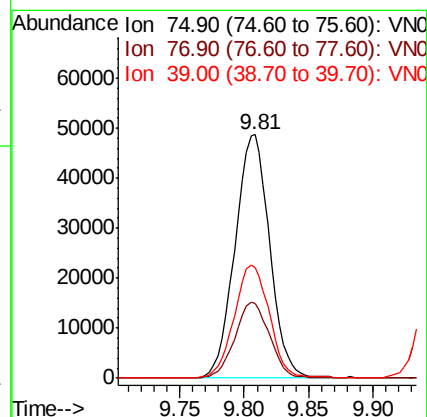
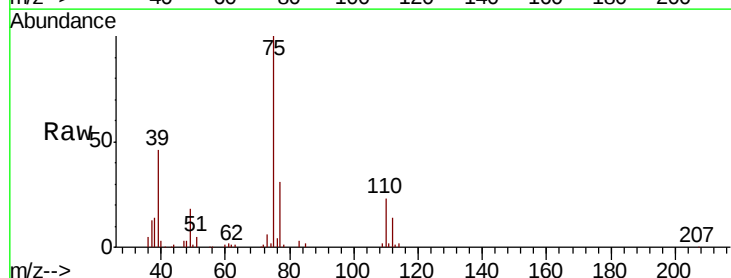
Tgt Ion: 75 Resp: 90841

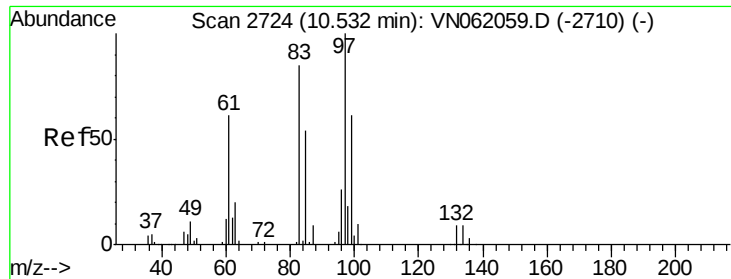
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

39 45.6 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 19.260 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN0630MBS01

Tot Ion: 97 Resp: 54984

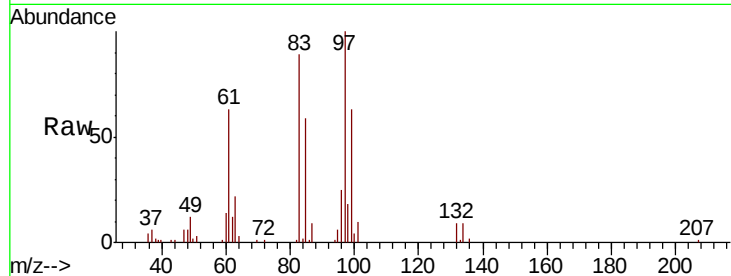
Ion Ratio Lower Upper

97 100

83 88.5 68.2 102.2

85 58.6 43.2 64.8

99 62.6 48.5 72.7

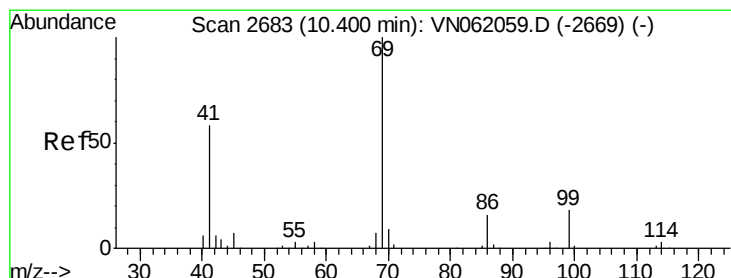
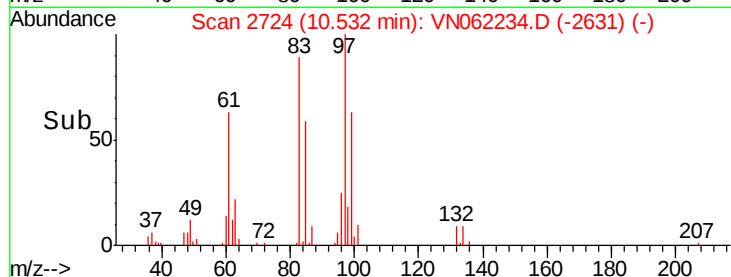
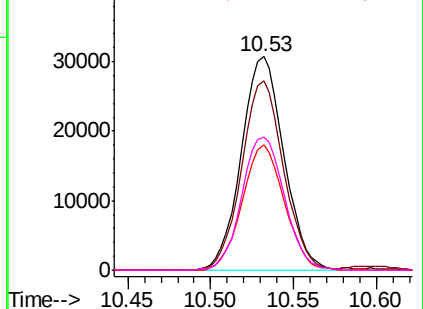


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.288 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

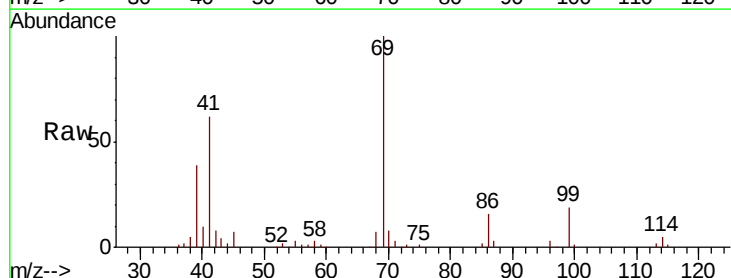
Tgt Ion: 69 Resp: 73484

Ion Ratio Lower Upper

69 100

41 61.3 46.6 70.0

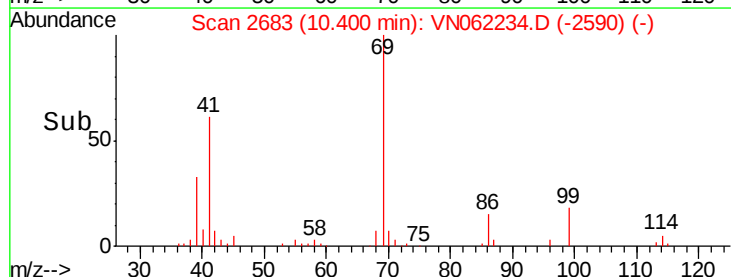
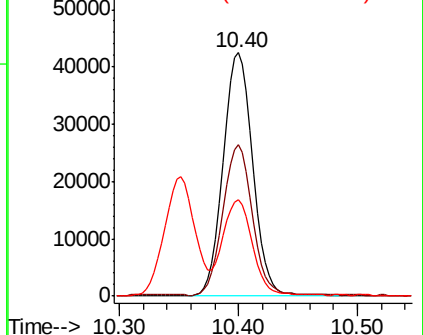
39 38.3 31.0 46.4

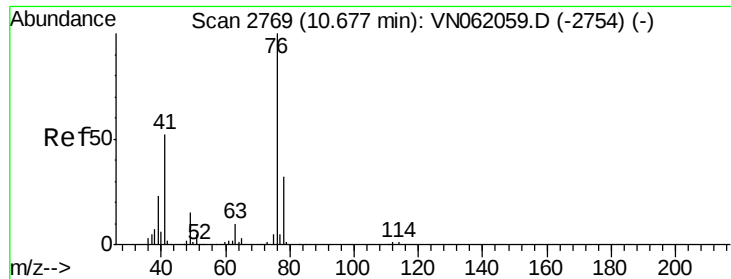


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

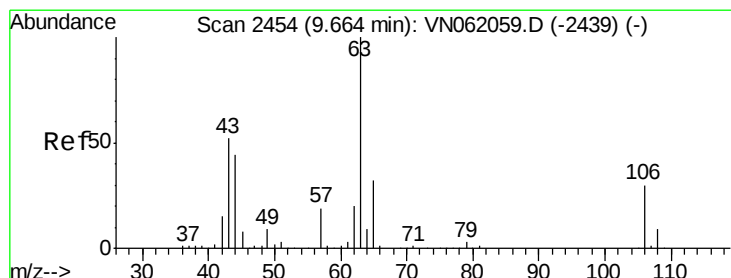
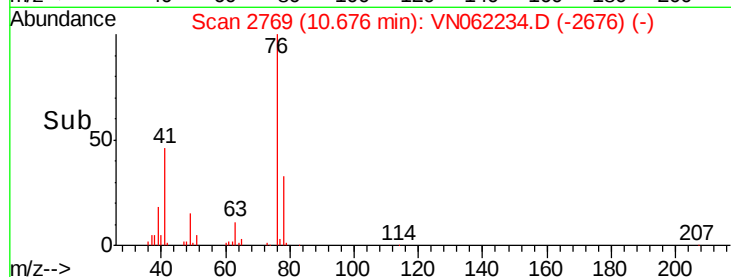
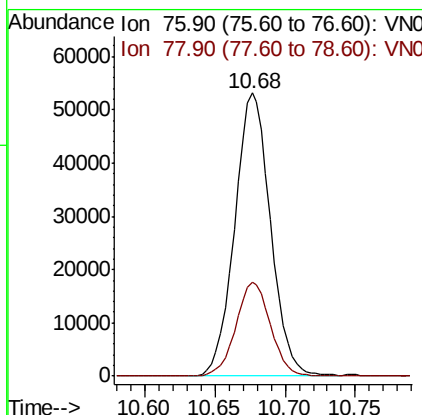
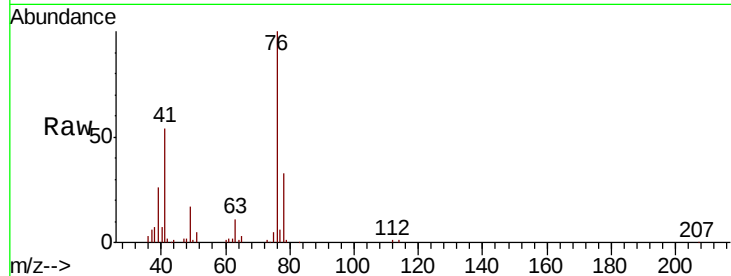




#57
 1,3-Dichloropropane
 Concen: 19.251 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

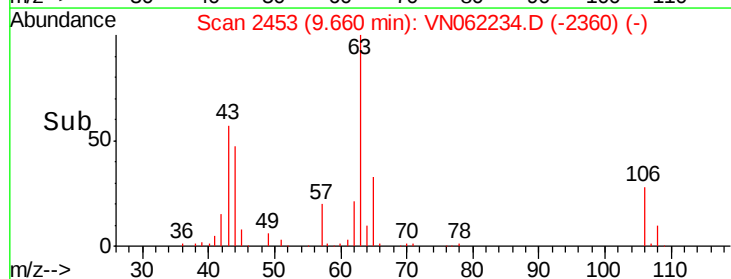
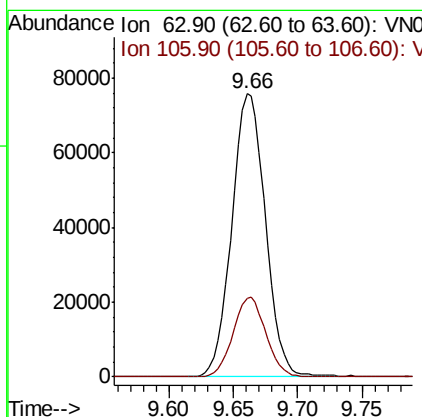
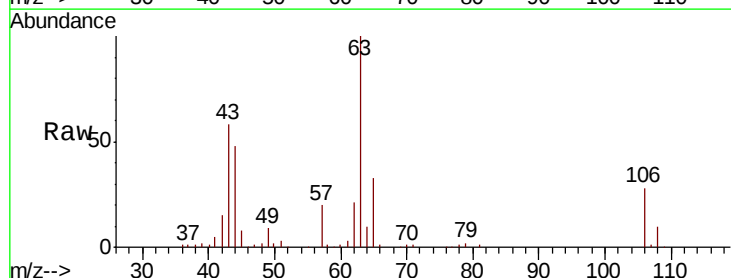
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBS01

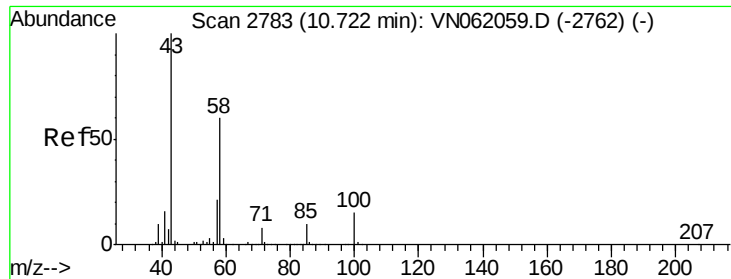
Tot Ion: 76 Resp: 94595
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.391 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

Tgt Ion: 63 Resp: 137463
 Ion Ratio Lower Upper
 63 100
 106 27.4 23.2 34.8

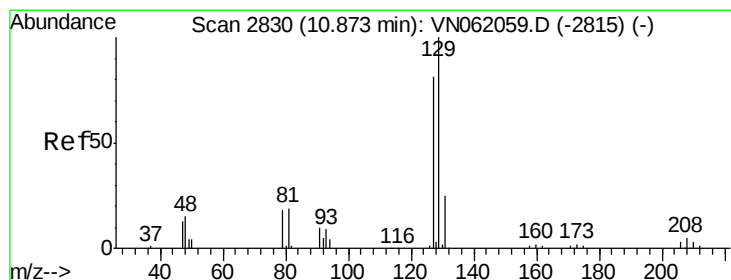
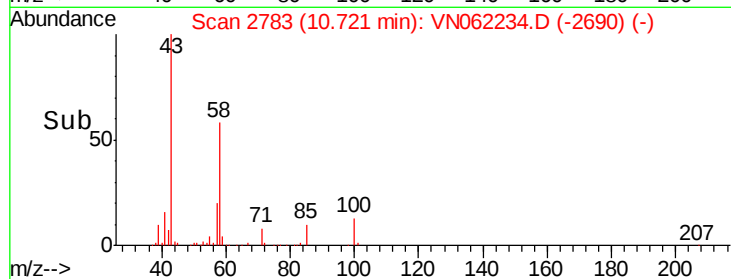
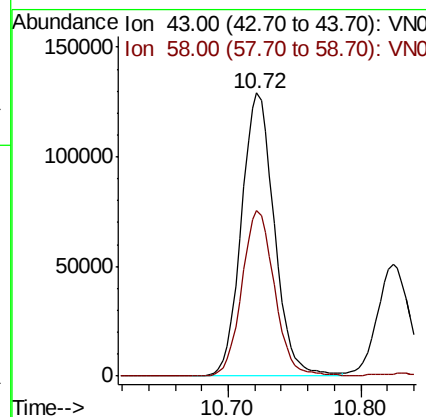
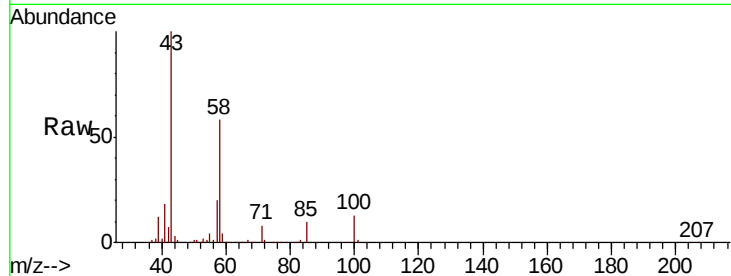




#59
2-Hexanone
Concen: 100.149 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

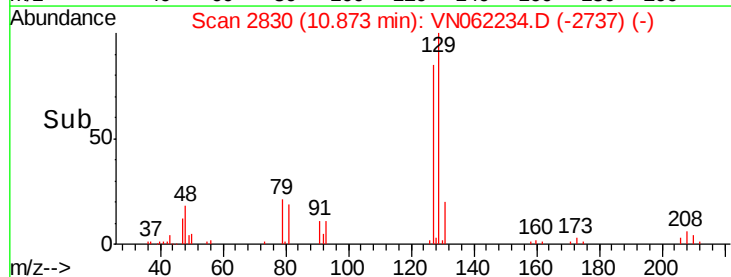
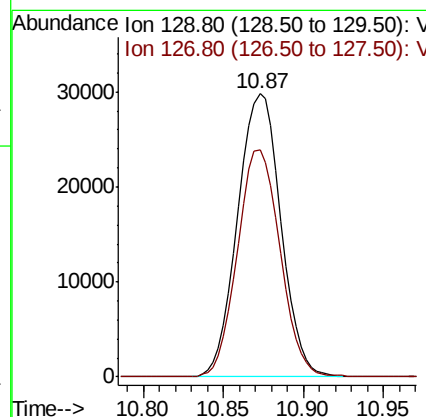
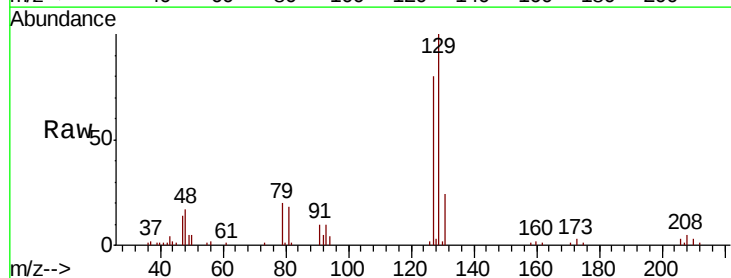
Instrument :
MSVOA_N
ClientSampled :
VN0630MBS01

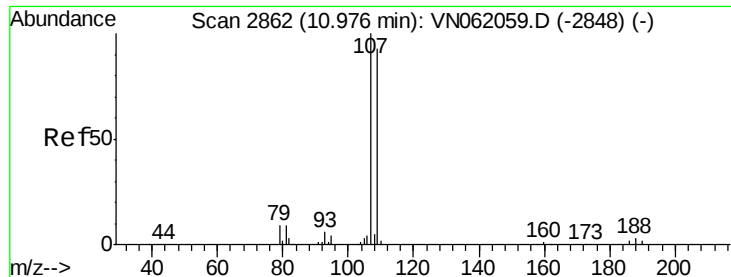
Tot Ion: 43 Resp: 222725
Ion Ratio Lower Upper
43 100
58 58.1 29.5 88.5



#60
Dibromochloromethane
Concen: 18.193 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion: 129 Resp: 54985
Ion Ratio Lower Upper
129 100
127 79.0 39.5 118.5

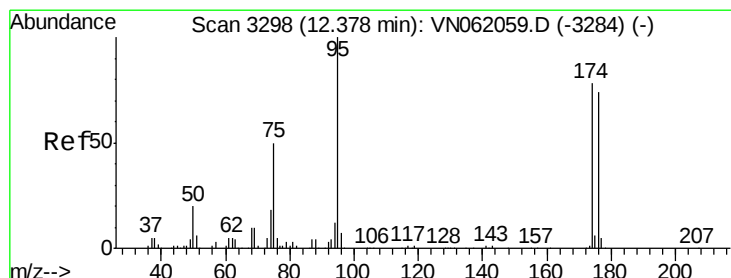
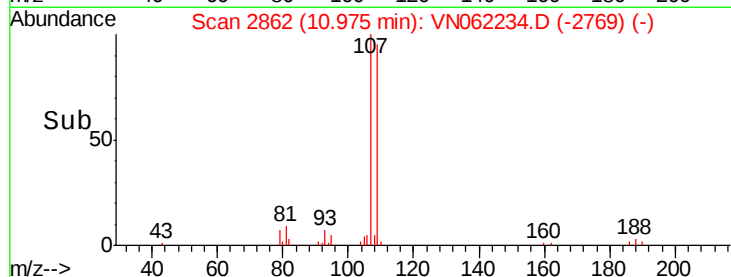
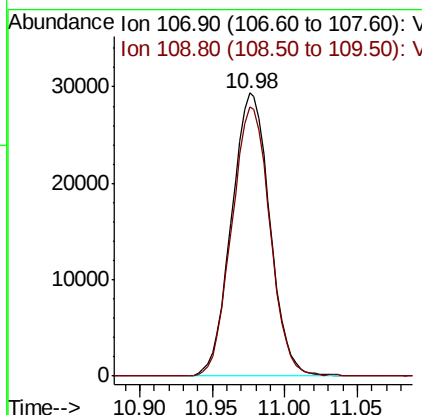
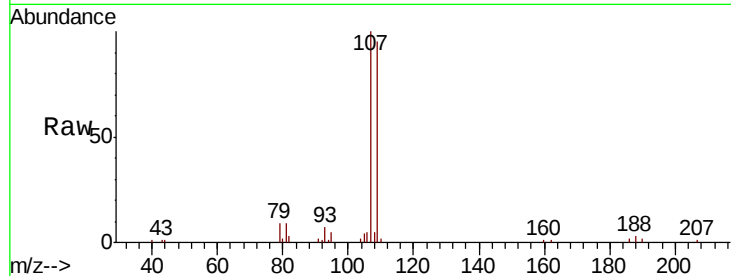




#61
 1,2-Dibromoethane
 Concen: 18.347 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

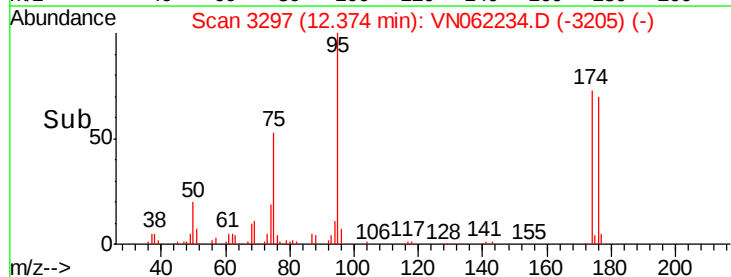
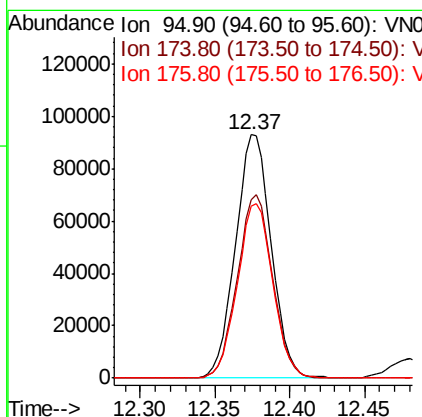
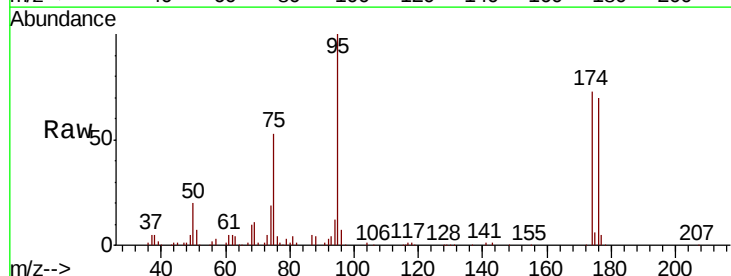
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBS01

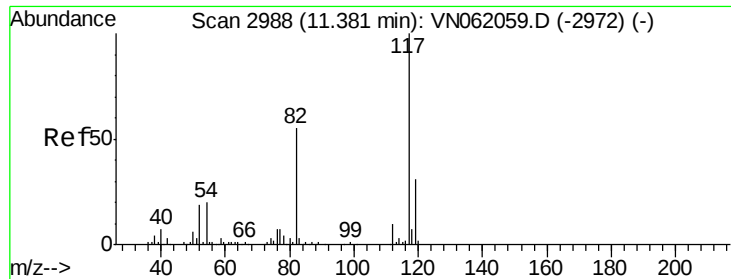
Tot Ion:107 Resp: 53819
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 45.889 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

Tgt Ion: 95 Resp: 154470
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 154.8
 176 71.4 0.0 147.4

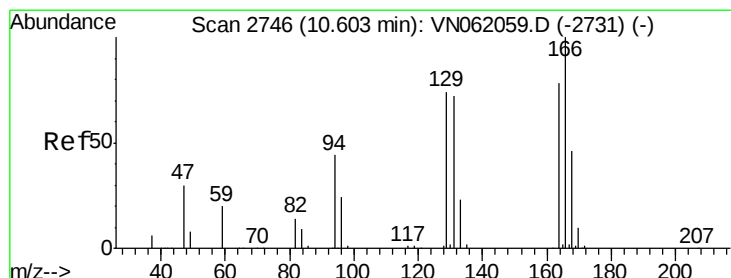
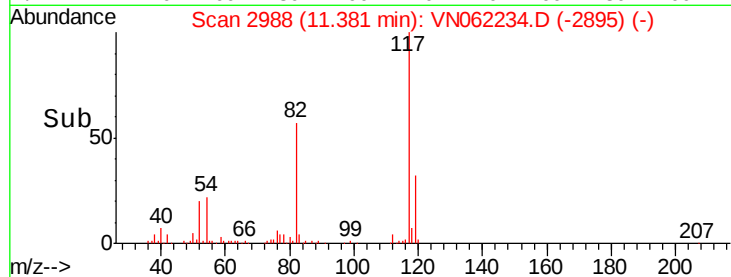
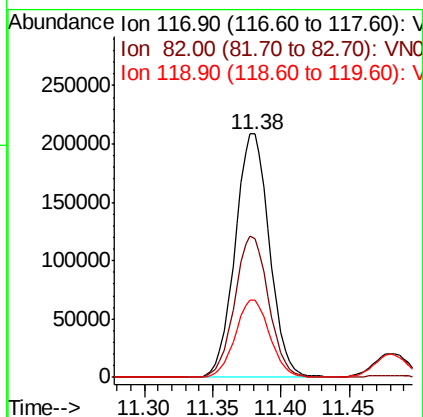
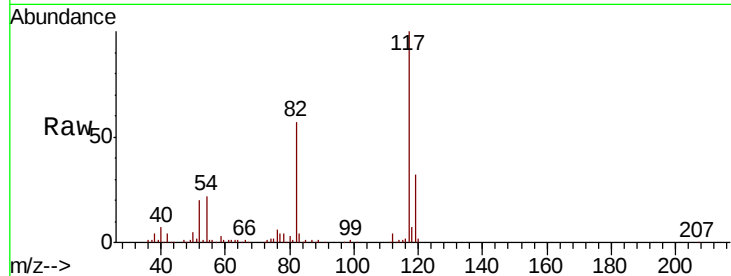




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

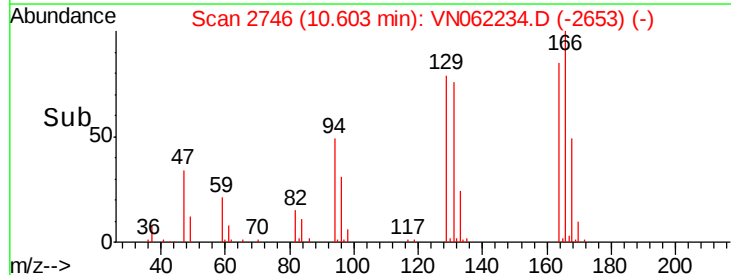
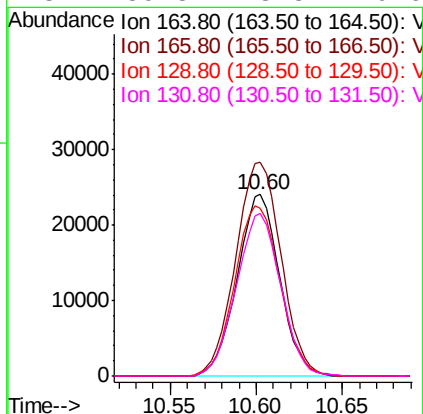
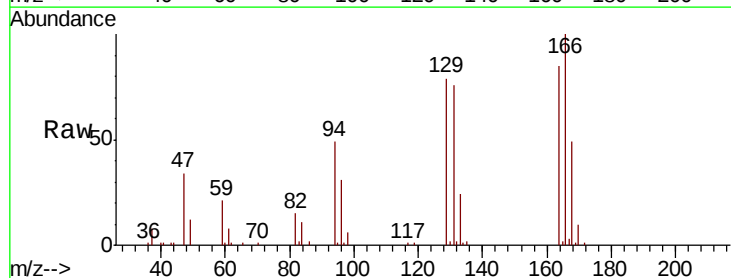
Instrument :
MSVOA_N
ClientSampled :
VN0630MBS01

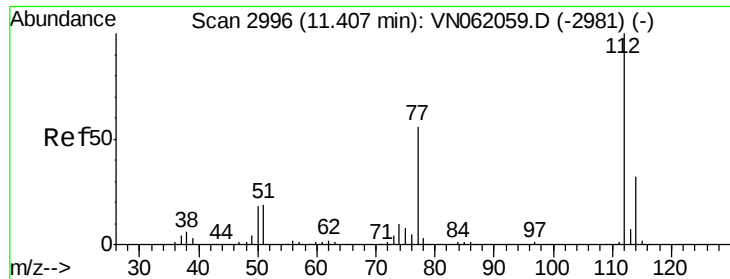
Tot Ion:117 Resp: 363842
Ion Ratio Lower Upper
117 100
82 56.8 43.8 65.8
119 31.6 25.2 37.8



#64
Tetrachloroethene
Concen: 16.503 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion:164 Resp: 41017
Ion Ratio Lower Upper
164 100
166 117.6 102.9 154.3
129 92.4 75.8 113.8
131 89.8 73.8 110.6

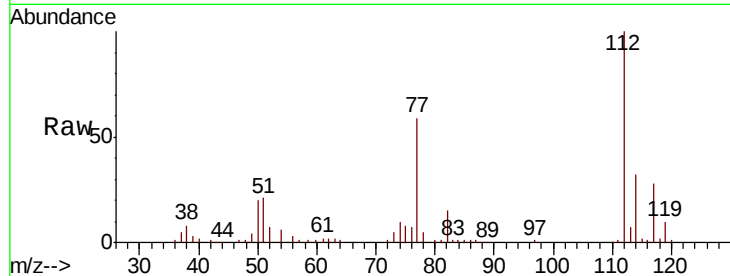




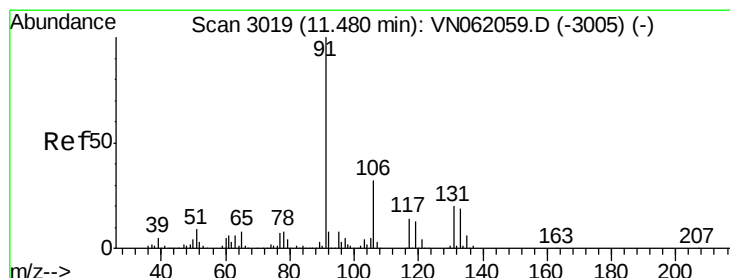
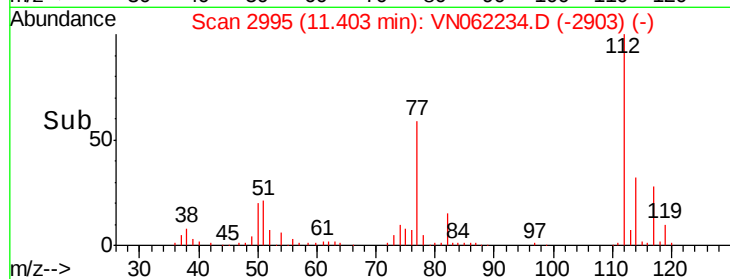
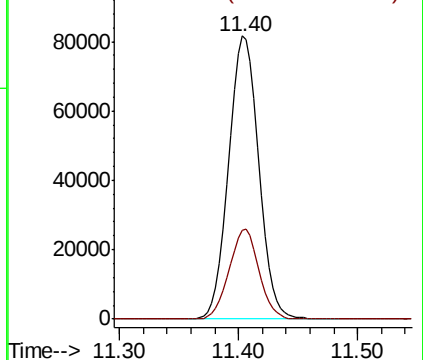
#65
Chlorobenzene
Concen: 17.926 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN0630MBS01

Tot Ion:112 Resp: 143231
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8

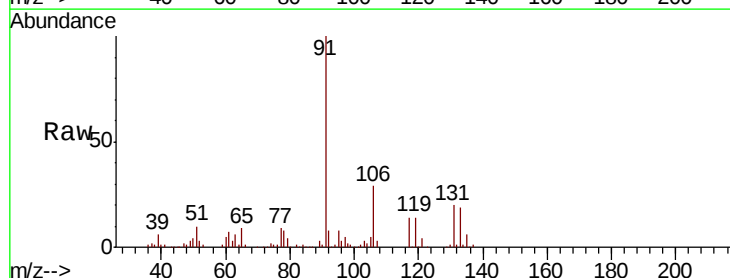


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

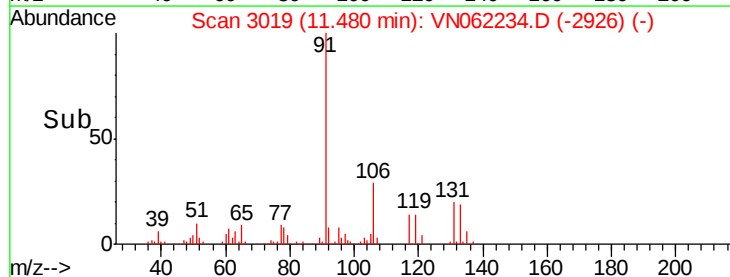
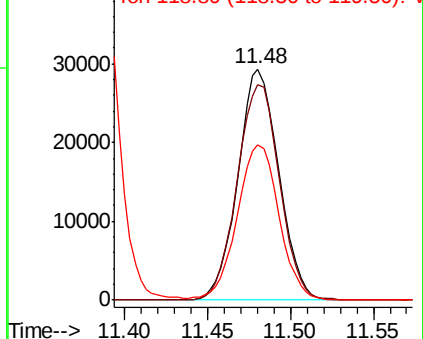


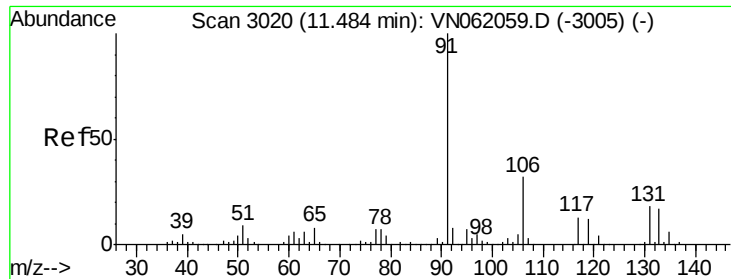
#66
1,1,1,2-Tetrachloroethane
Concen: 18.205 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion:131 Resp: 50298
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.9
119 68.9 34.4 103.3



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

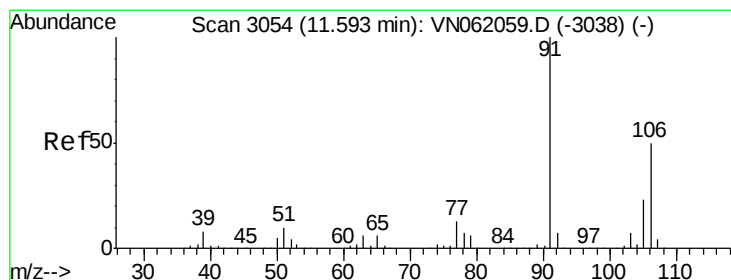
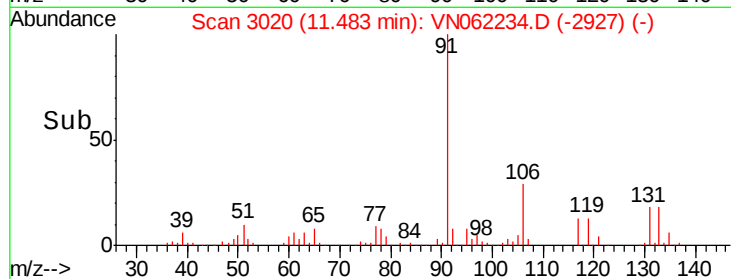
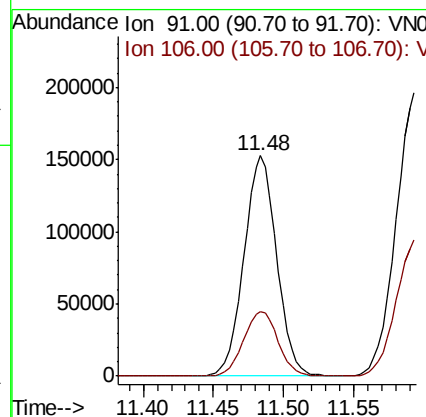
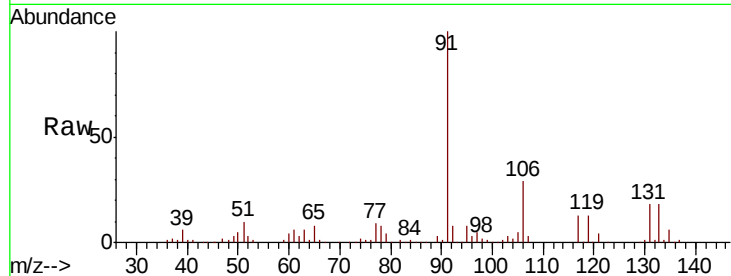




#67
Ethyl Benzene
Concen: 18.382 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

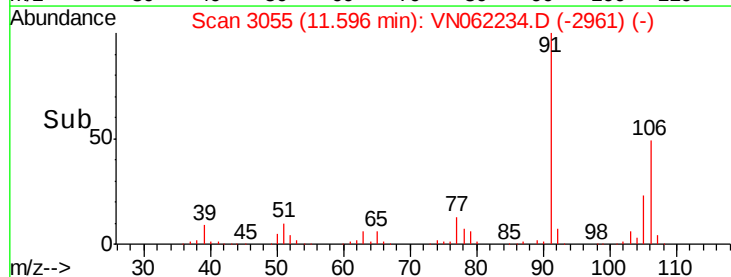
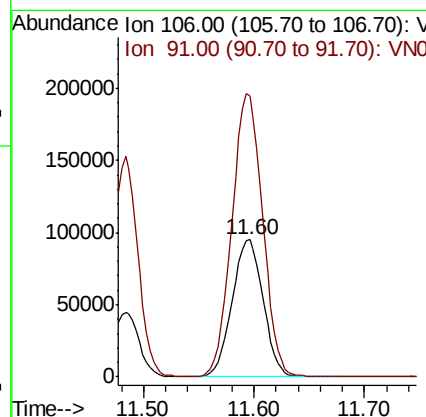
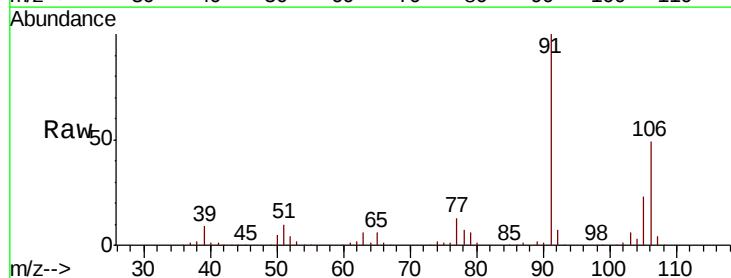
Instrument :
MSVOA_N
ClientSampled :
VN0630MBS01

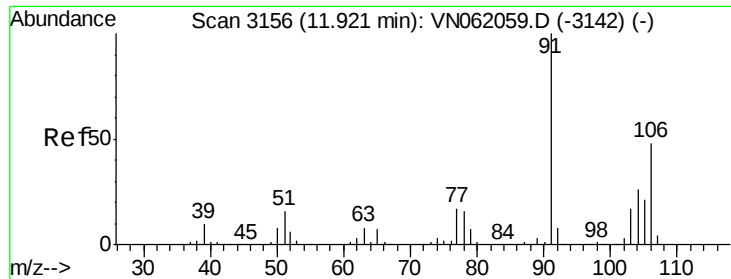
Tot Ion: 91 Resp: 248050
Ion Ratio Lower Upper
91 100
106 29.5 25.3 37.9



#68
m/p-Xylenes
Concen: 35.549 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion: 106 Resp: 185540
Ion Ratio Lower Upper
106 100
91 203.2 157.8 236.8

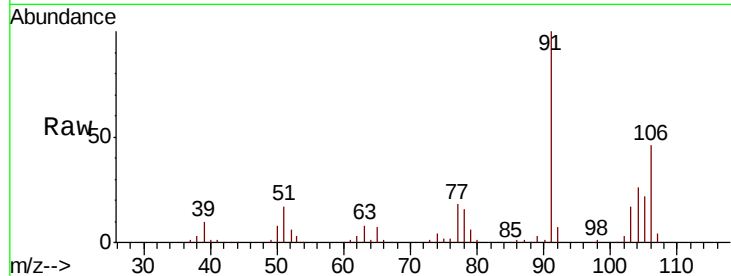




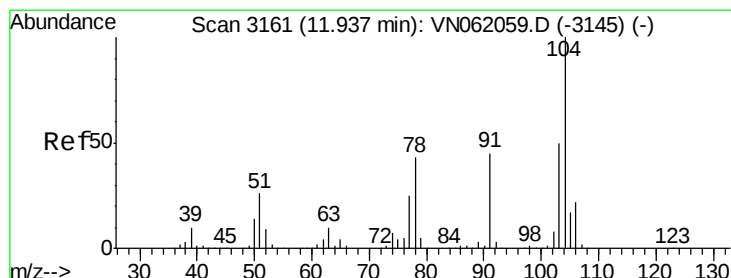
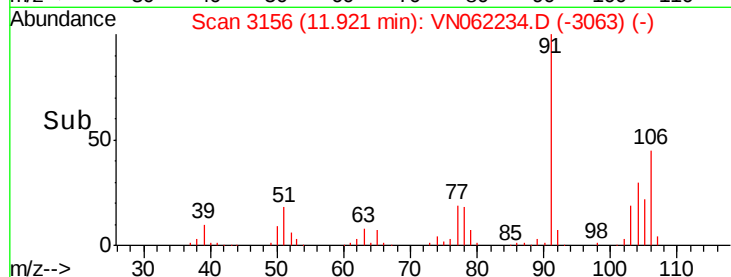
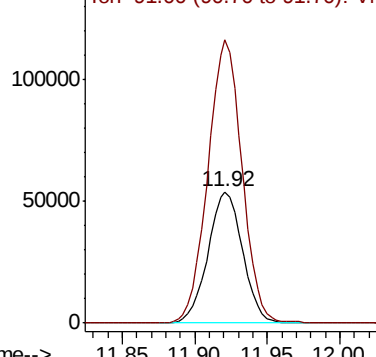
#69
o-Xylene
Concen: 18.116 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Instrument :
MSVOA_N
ClientSampled :
VN0630MBS01

Tot Ion:106 Resp: 89210
Ion Ratio Lower Upper
106 100
91 212.9 104.0 311.9

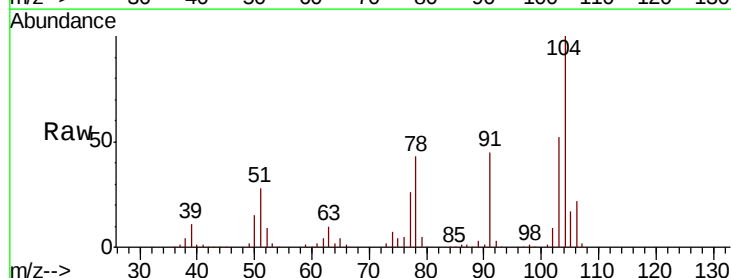


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

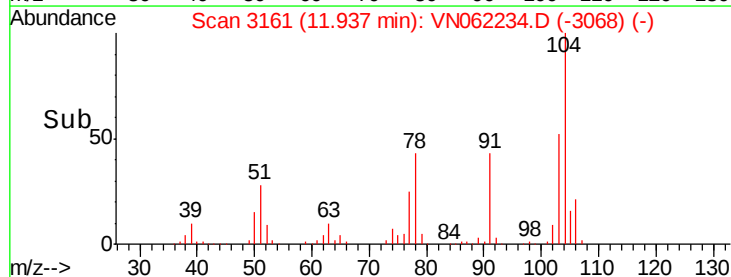
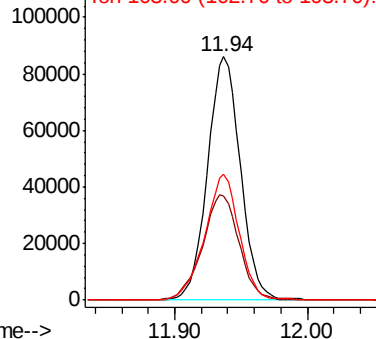


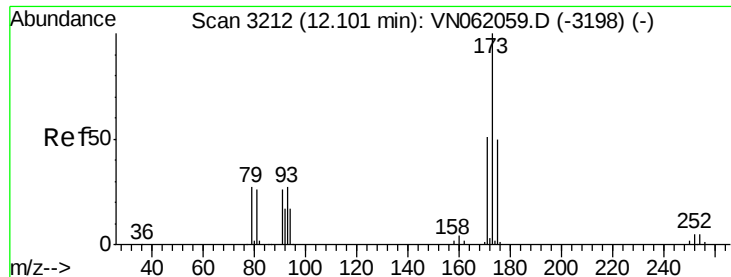
#70
Styrene
Concen: 18.056 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion:104 Resp: 148288
Ion Ratio Lower Upper
104 100
78 48.2 37.7 56.5
103 54.5 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: 17.439 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

VN0630MBS01

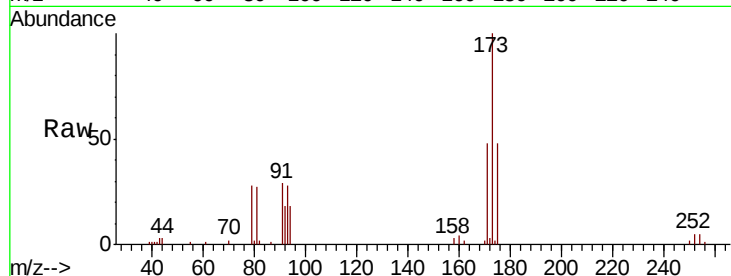
Tot Ion:173 Resp: 34257

Ion Ratio Lower Upper

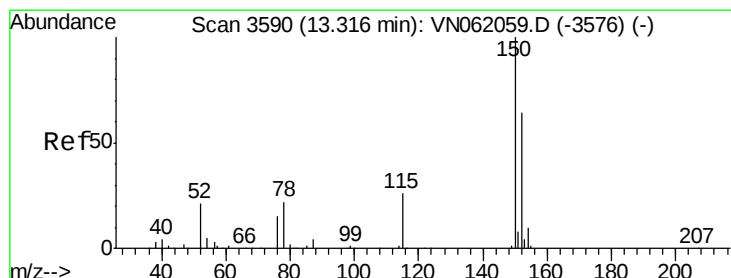
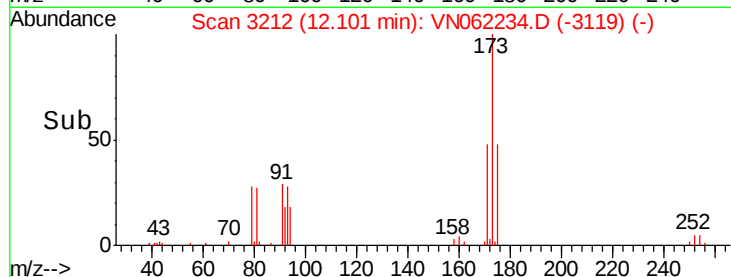
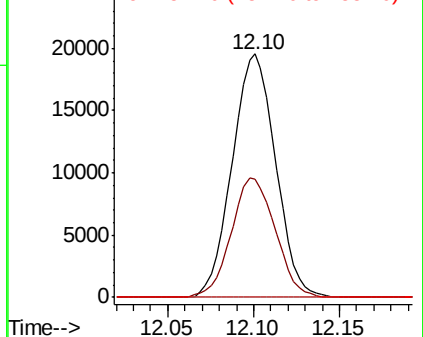
173 100

175 49.6 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: VN062234.D

Acq: 30 Jun 2020 13:01

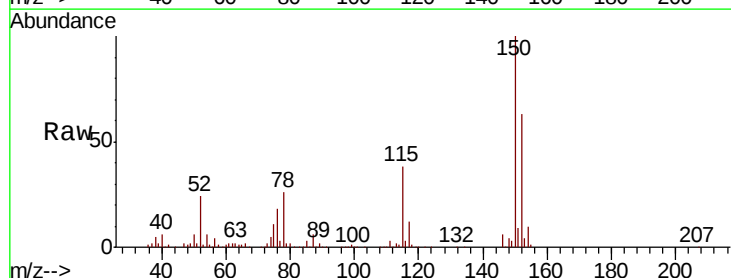
Tgt Ion:152 Resp: 158474

Ion Ratio Lower Upper

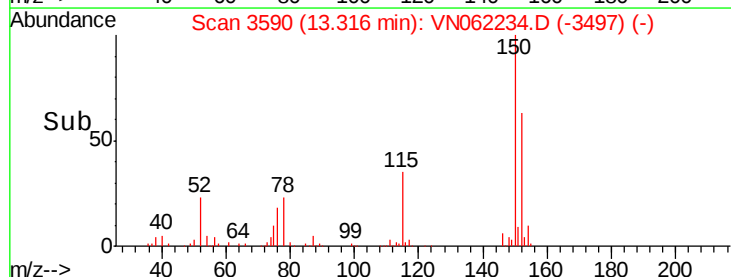
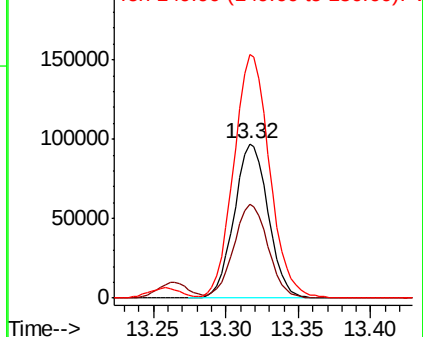
152 100

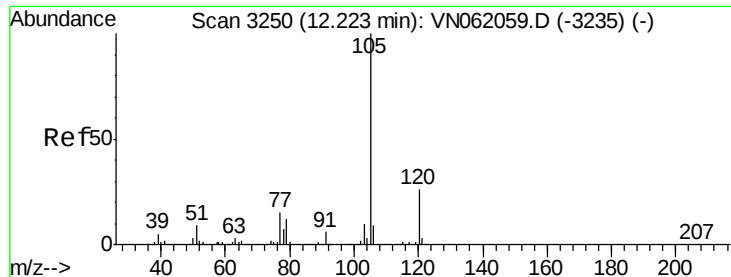
115 61.0 29.5 88.5

150 166.0 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: 19.360 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

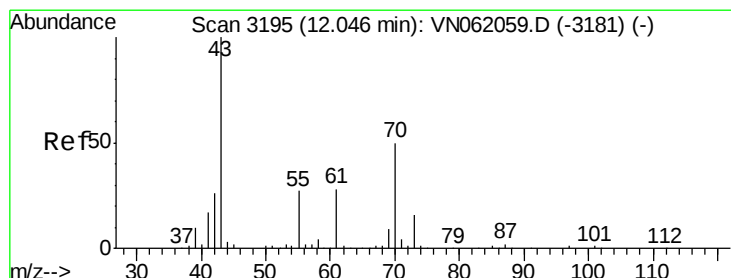
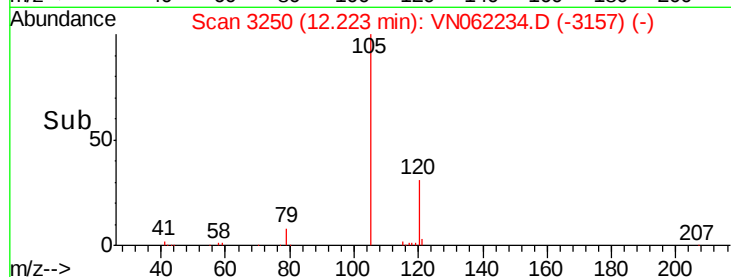
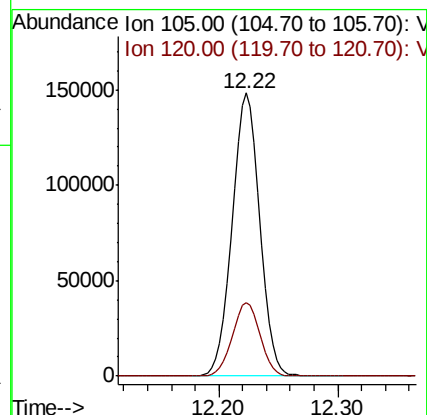
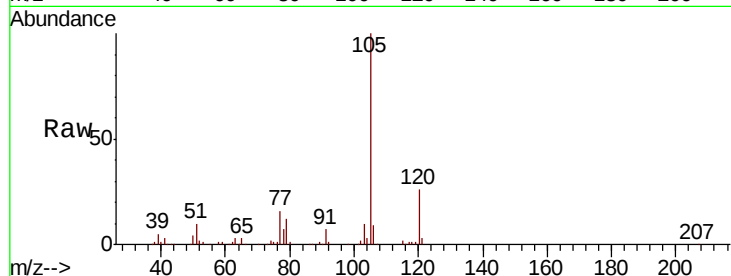
VN0630MBS01

Tot Ion:105 Resp: 237491

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 20.633 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Tgt Ion: 43 Resp: 83672

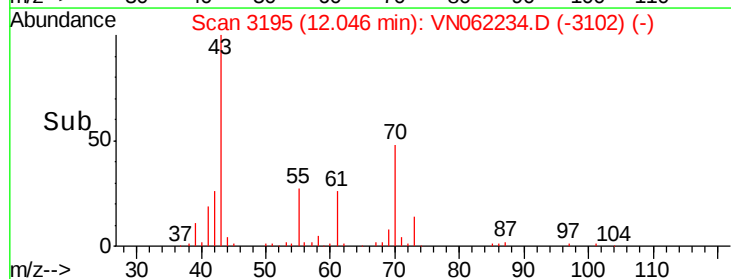
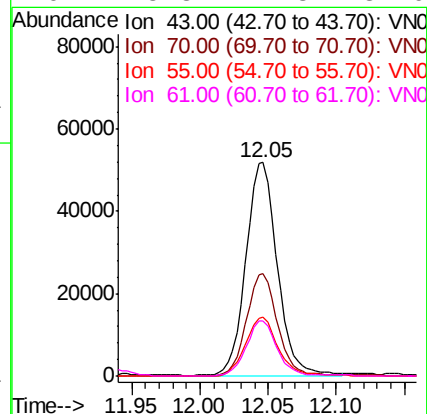
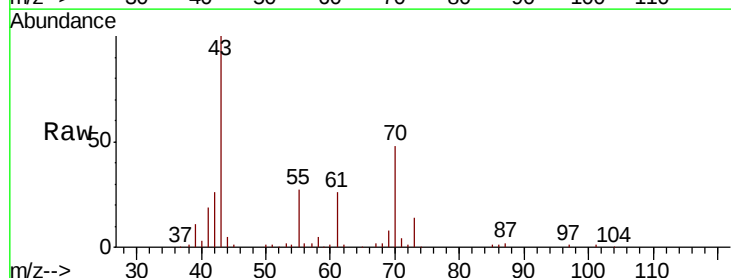
Ion Ratio Lower Upper

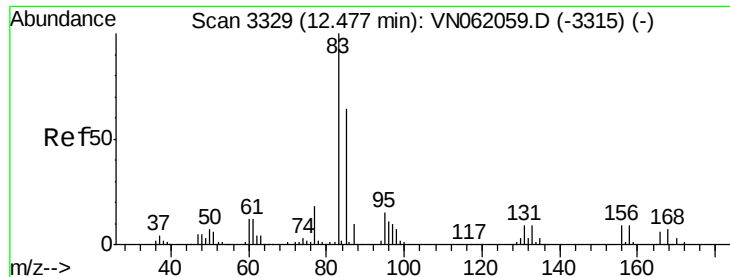
43 100

70 47.0 39.4 59.2

55 28.3 21.7 32.5

61 25.3 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.735 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN0630MBS01

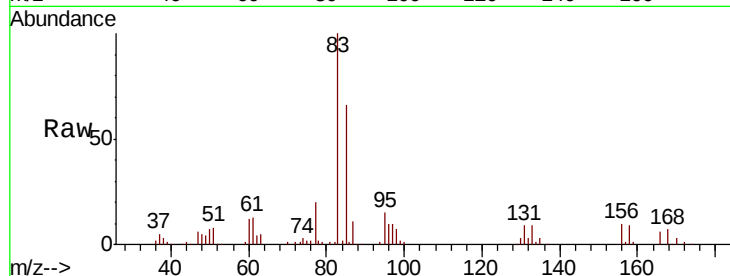
Tot Ion: 83 Resp: 80564

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.4

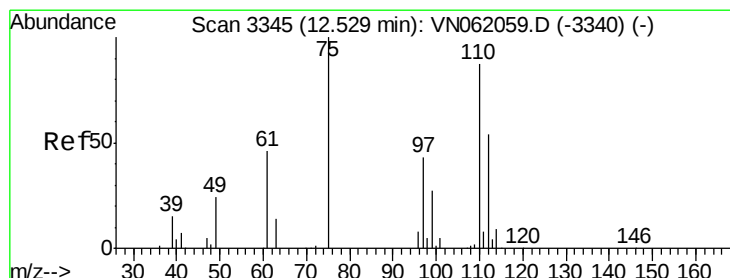
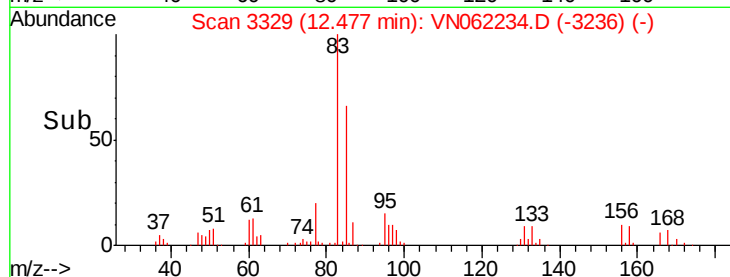
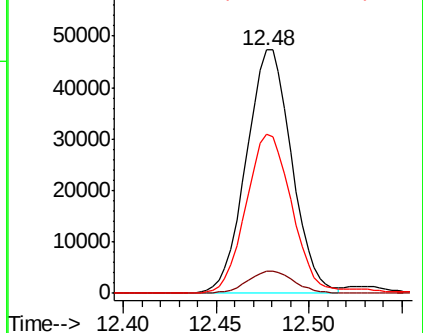
85 65.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN062059.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 26.354 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062234.D

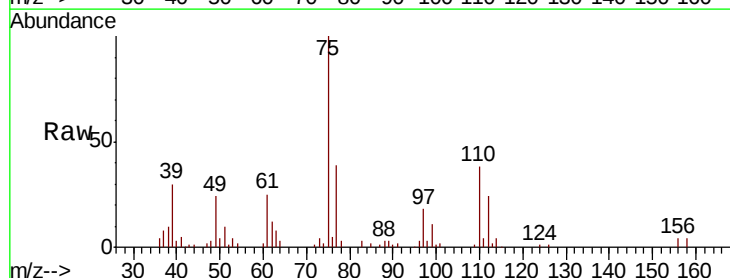
Acq: 30 Jun 2020 13:01

Tgt Ion: 75 Resp: 98317

Ion Ratio Lower Upper

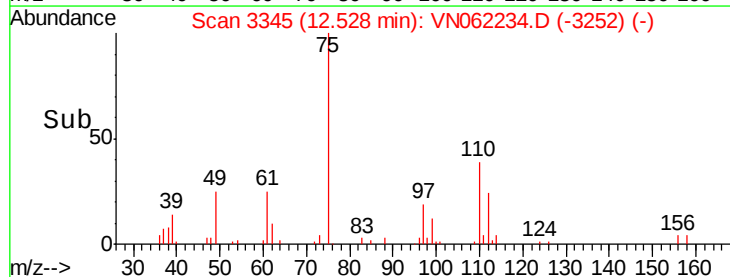
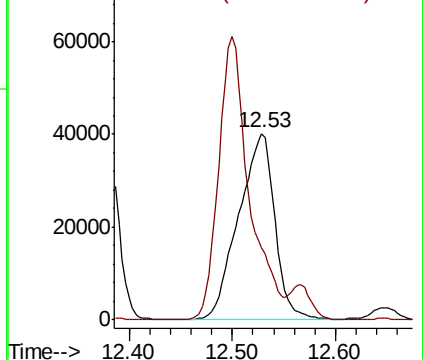
75 100

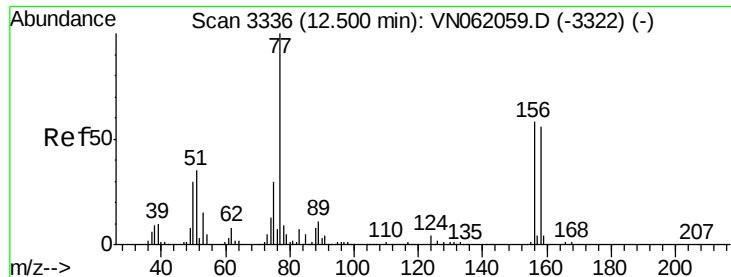
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062059.D (-3340) (-)





#77

Bromobenzene

Concen: 18.074 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

VN0630MBS01

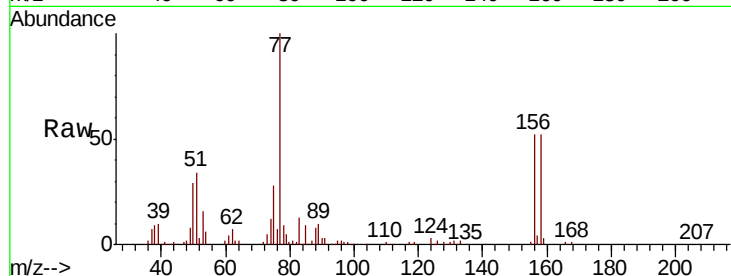
Tot Ion:156 Resp: 55046

Ion Ratio Lower Upper

156 100

77 229.8 104.6 313.8

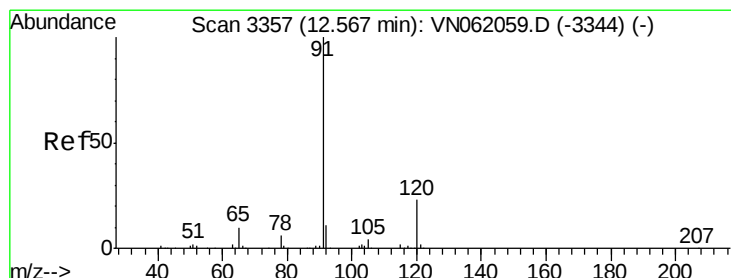
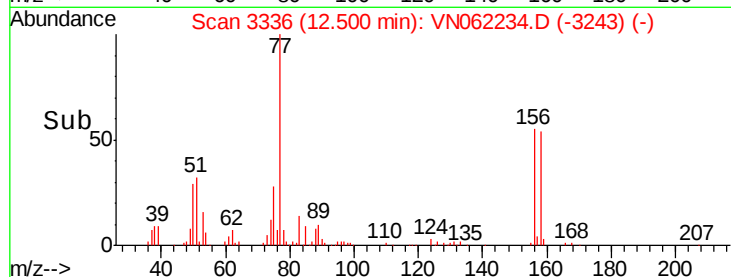
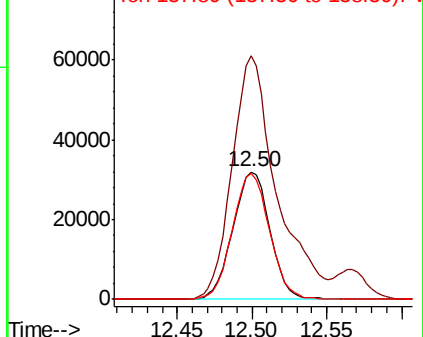
158 98.9 48.0 144.0



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: 19.660 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062234.D

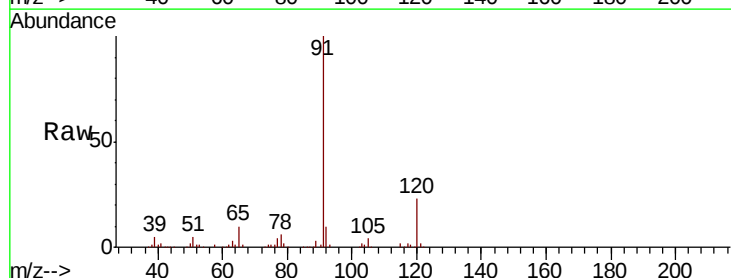
Acq: 30 Jun 2020 13:01

Tgt Ion: 91 Resp: 275860

Ion Ratio Lower Upper

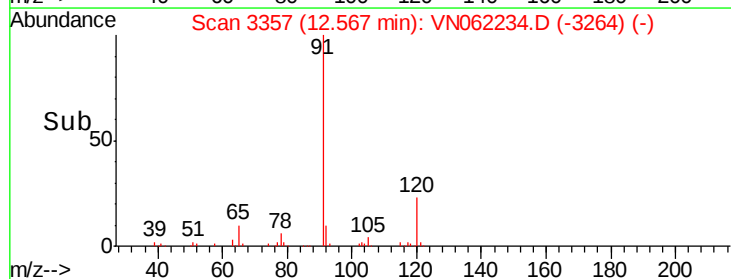
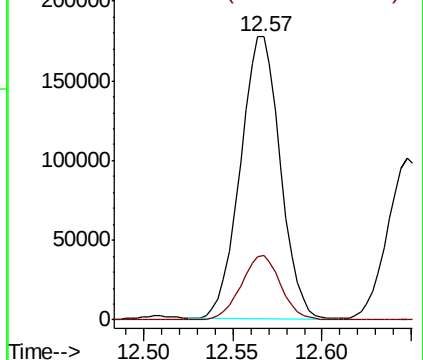
91 100

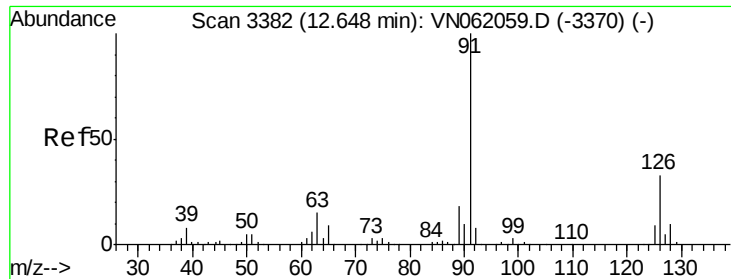
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.147 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

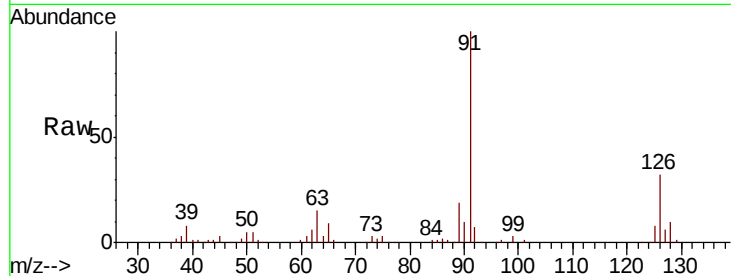
VN0630MBS01

Tot Ion: 91 Resp: 162424

Ion Ratio Lower Upper

91 100

126 32.9 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

150000

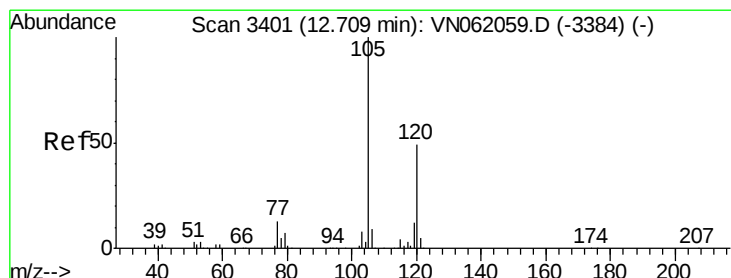
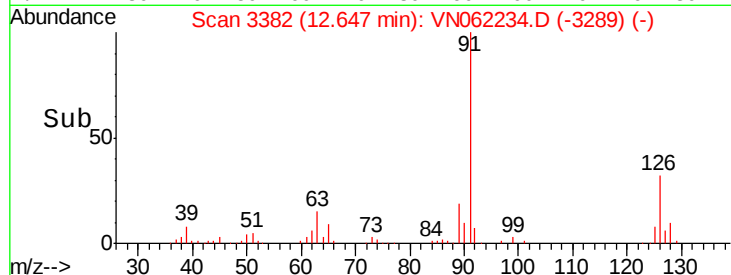
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.642 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062234.D

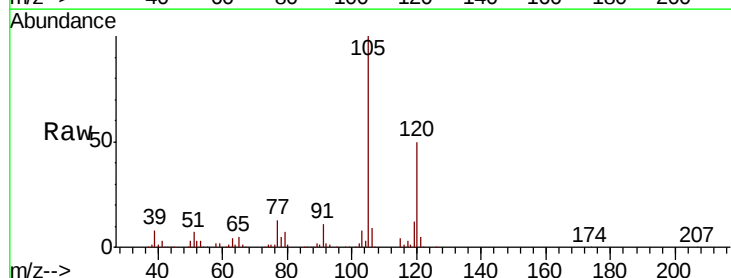
Acq: 30 Jun 2020 13:01

Tgt Ion:105 Resp: 195326

Ion Ratio Lower Upper

105 100

120 48.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)

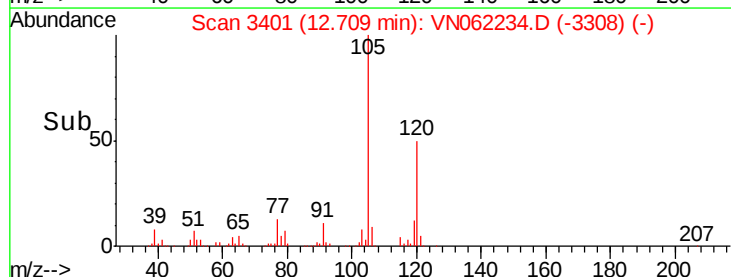
100000

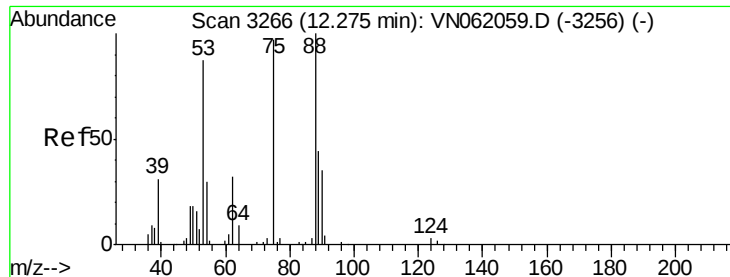
50000

0

12.65 12.70 12.75

Time-->

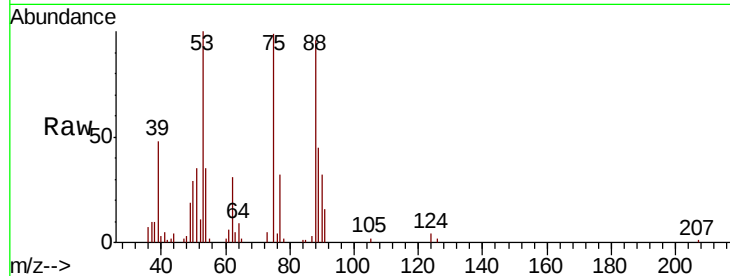




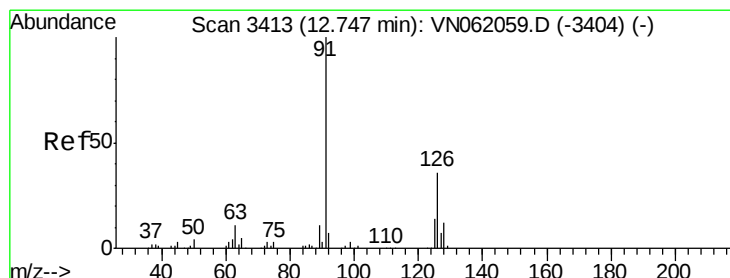
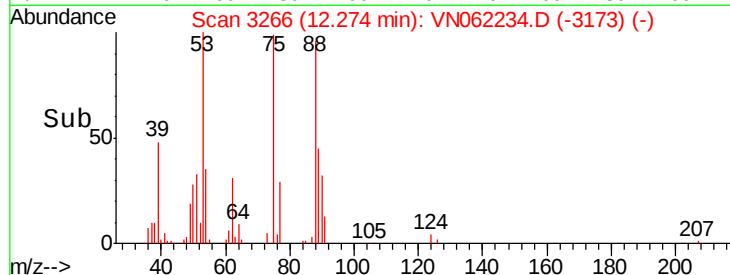
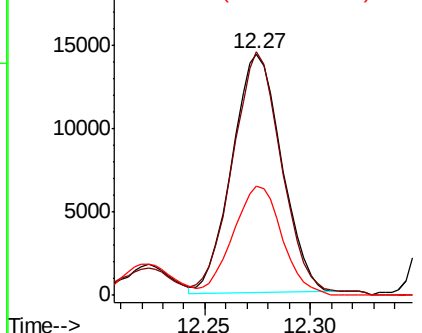
#81
trans-1,4-Dichloro-2-butene
Concen: 18.424 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN0630MBS01

Tot Ion: 75 Resp: 23536
Ion Ratio Lower Upper
75 100
53 101.7 72.0 108.0
89 45.2 36.9 55.3

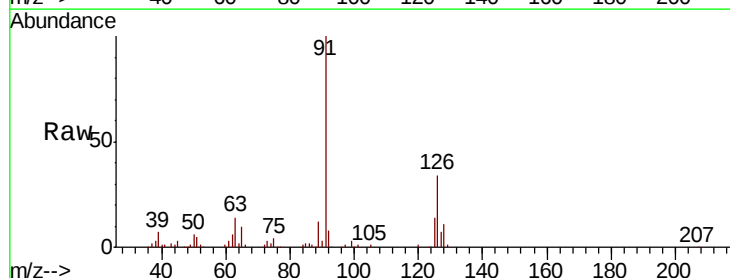


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

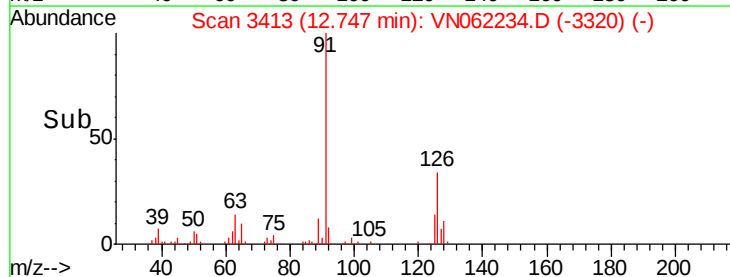
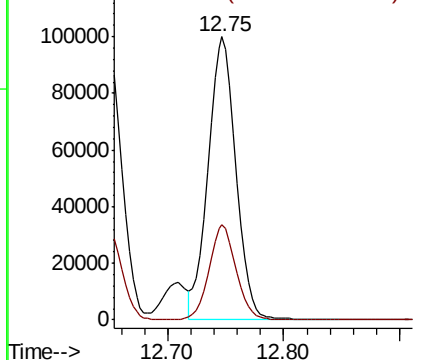


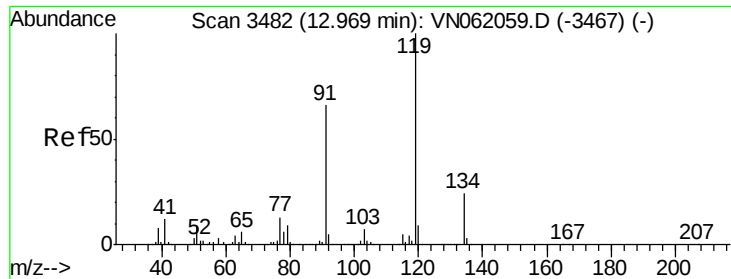
#82
4-Chlorotoluene
Concen: 19.008 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion: 91 Resp: 166738
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

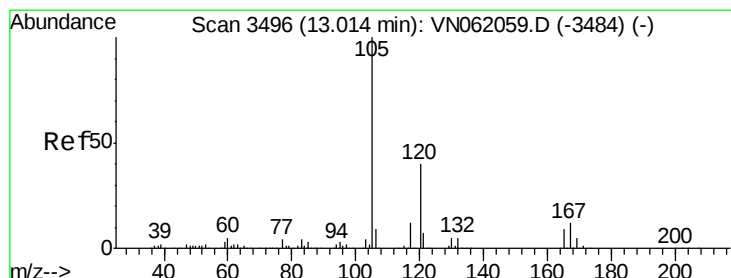
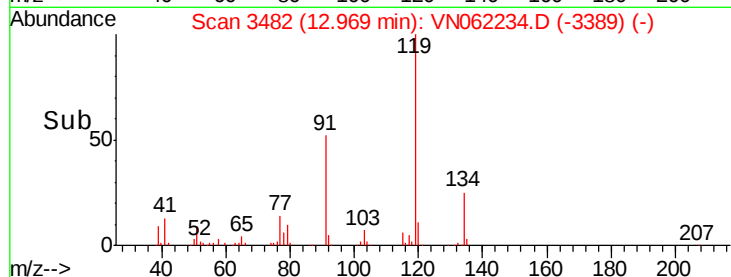
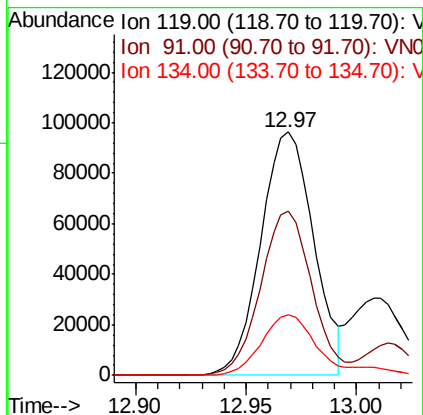
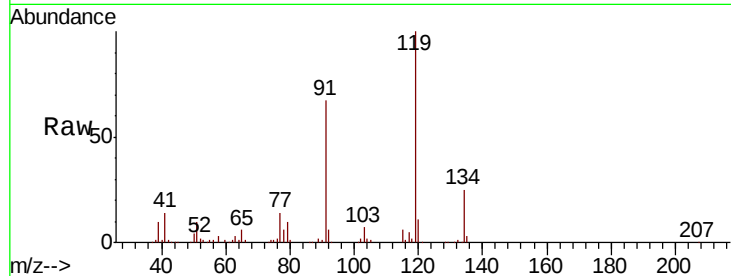




#83
tert-Butylbenzene
Concen: 18.819 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

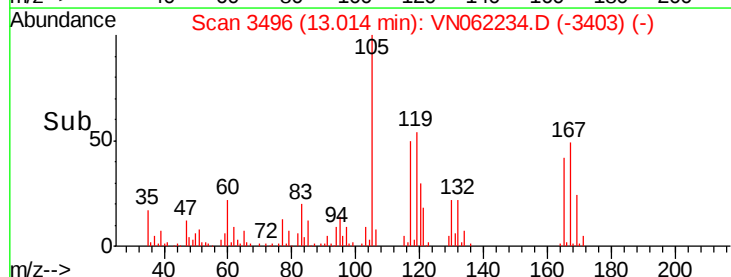
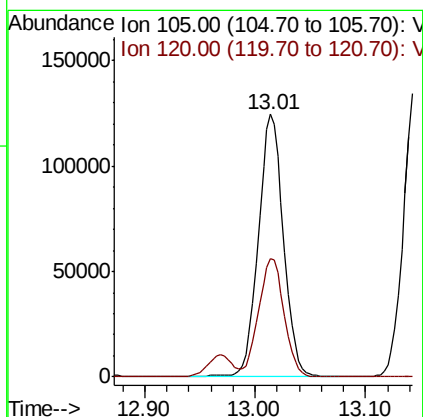
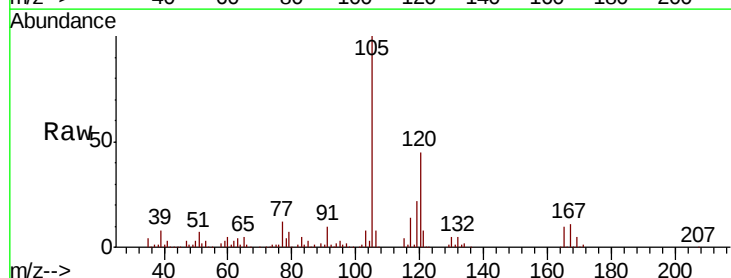
Instrument :
MSVOA_N
ClientSampleId :
VN0630MBS01

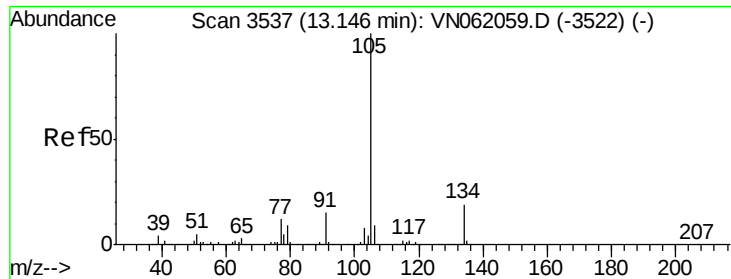
Tot Ion:119 Resp: 160156
Ion Ratio Lower Upper
119 100
91 65.7 31.7 95.1
134 25.0 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 19.718 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion:105 Resp: 195834
Ion Ratio Lower Upper
105 100
120 45.7 23.2 69.5

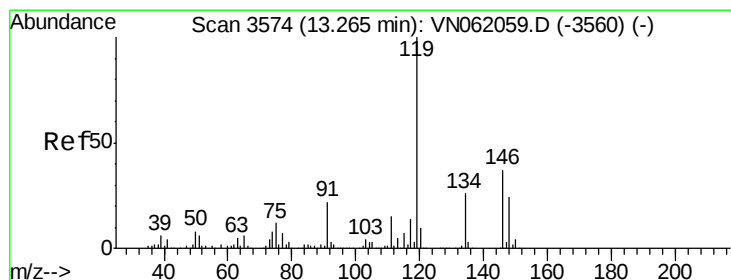
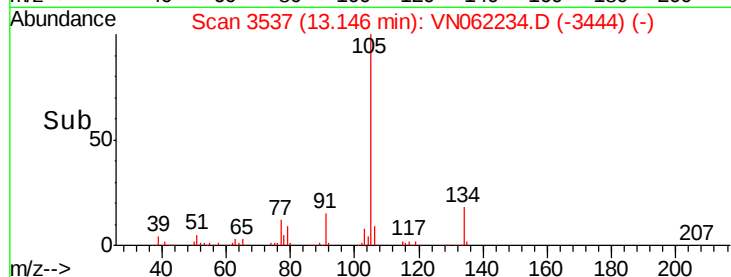
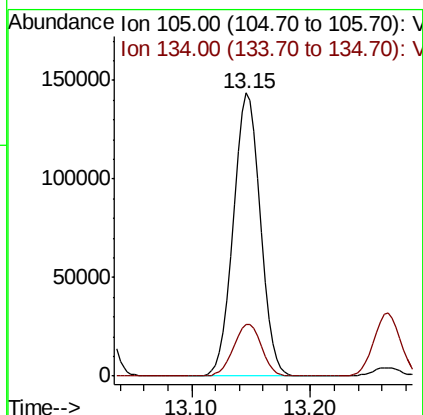
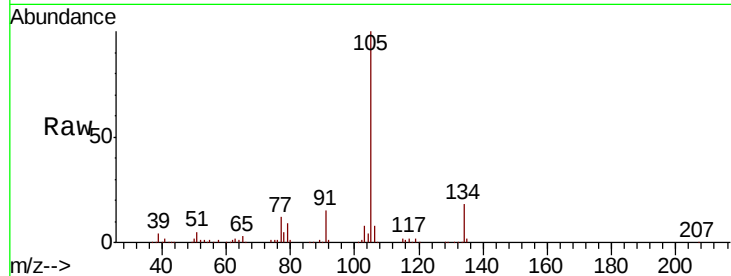




#85
 sec-Butylbenzene
 Concen: 20.142 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

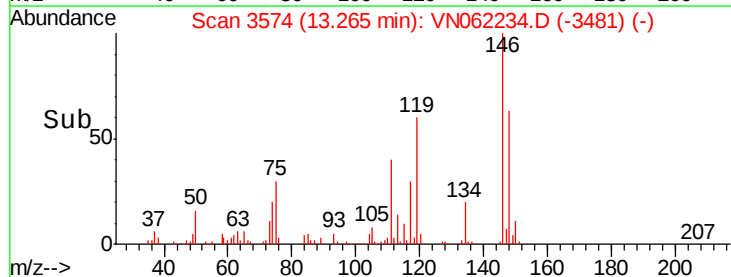
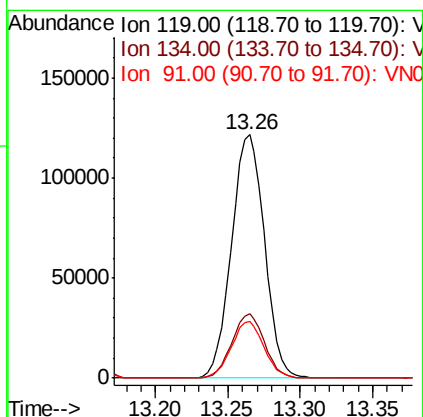
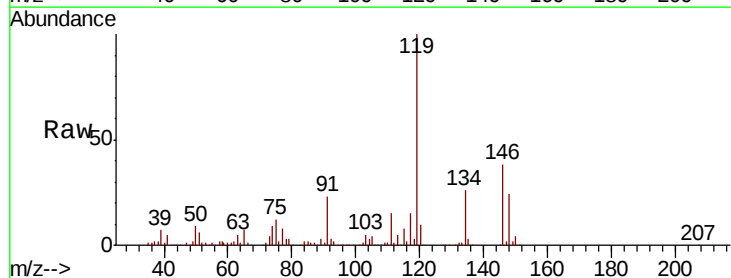
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBS01

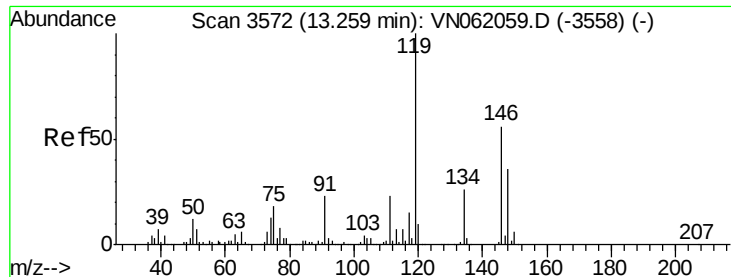
Tot Ion:105 Resp: 226502
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.563 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

Tgt Ion:119 Resp: 192741
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 23.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.497 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN0630MBS01

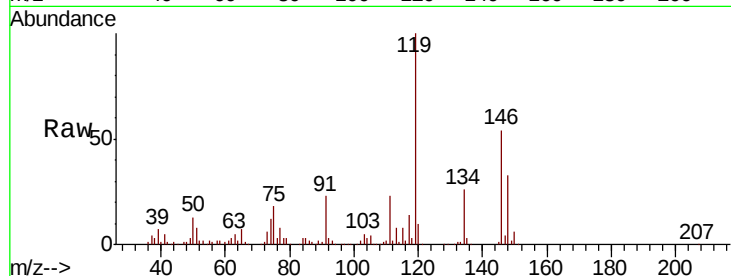
Tot Ion:146 Resp: 98919

Ion Ratio Lower Upper

146 100

111 41.9 20.3 61.0

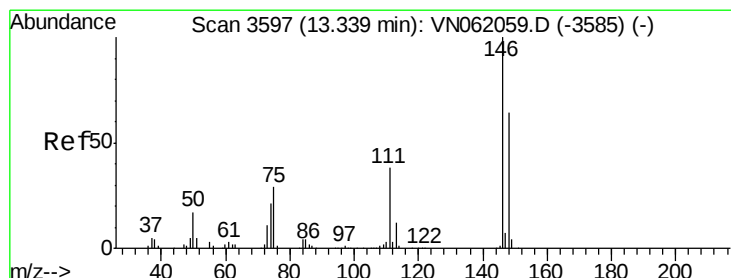
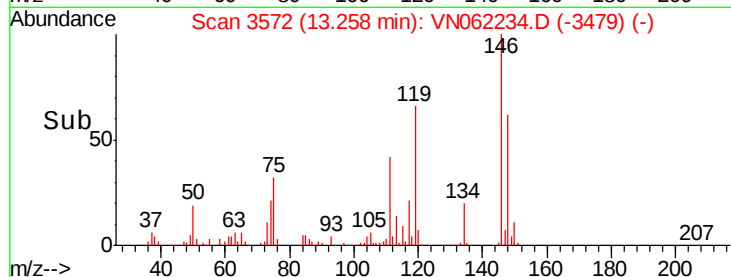
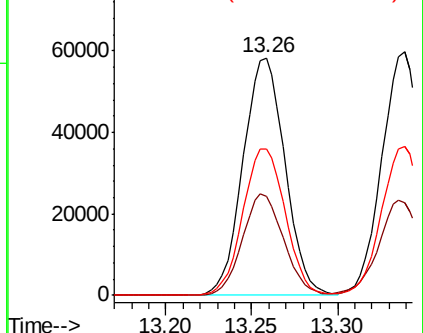
148 62.5 31.8 95.3



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: 17.996 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

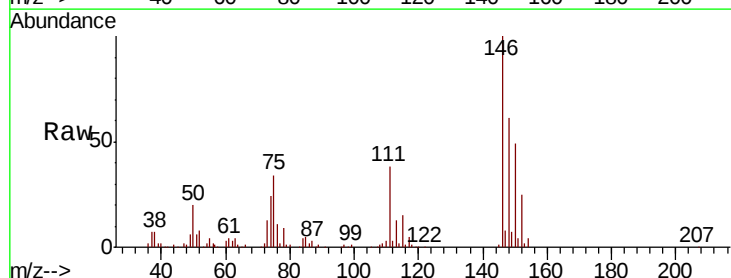
Tgt Ion:146 Resp: 99207

Ion Ratio Lower Upper

146 100

111 40.9 19.9 59.6

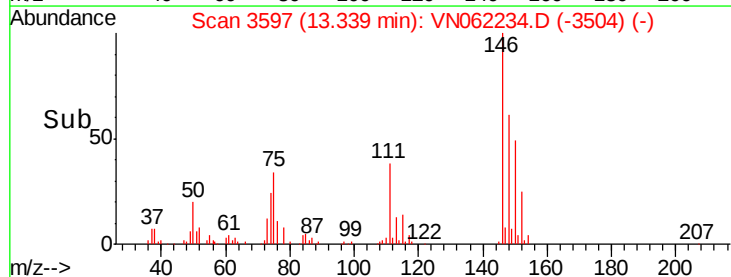
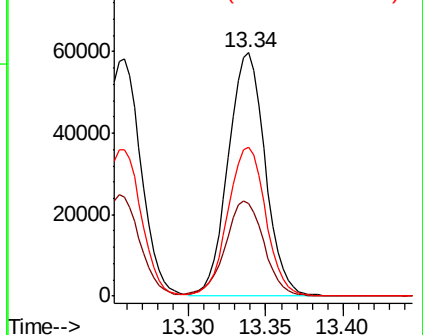
148 62.7 31.9 95.9

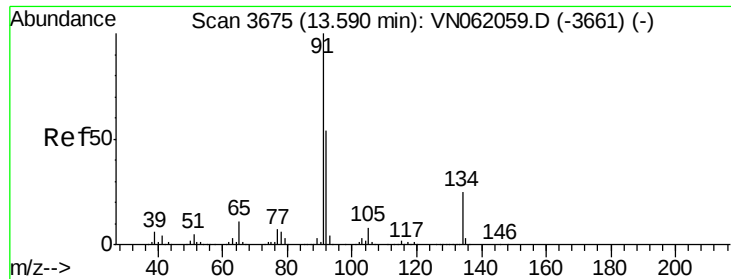


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.551 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

VN0630MBS01

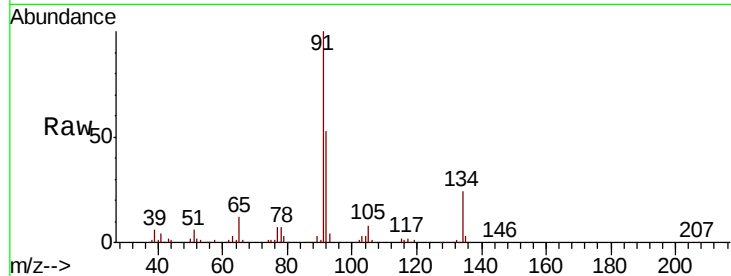
Tot Ion: 91 Resp: 160142

Ion Ratio Lower Upper

91 100

92 53.4 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) (-)

13.59

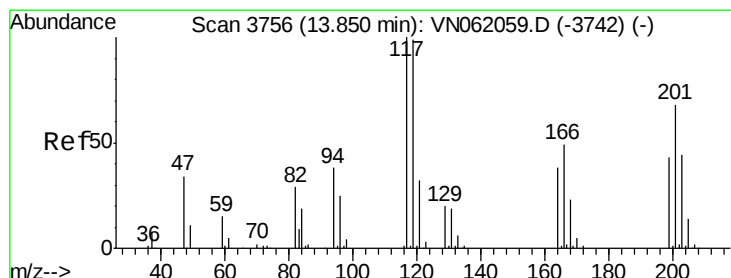
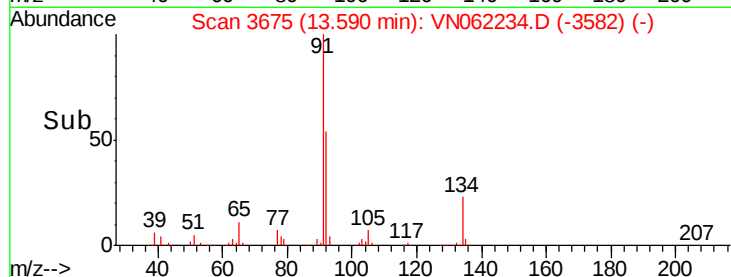
100000

50000

0

Time-->

13.50 13.60 13.70



#90

Hexachloroethane

Concen: 19.569 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062234.D

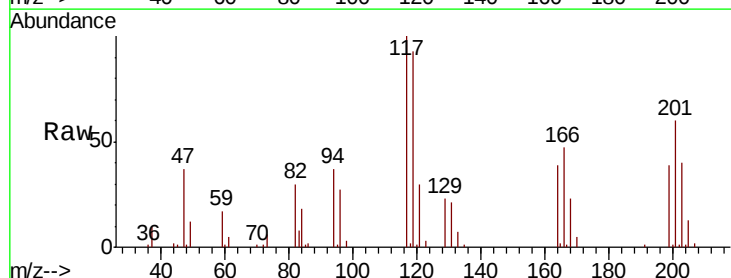
Acq: 30 Jun 2020 13:01

Tgt Ion: 117 Resp: 37828

Ion Ratio Lower Upper

117 100

201 63.0 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) (-)

13.85

25000

20000

15000

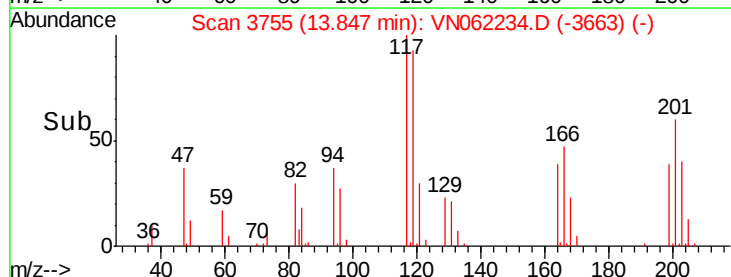
10000

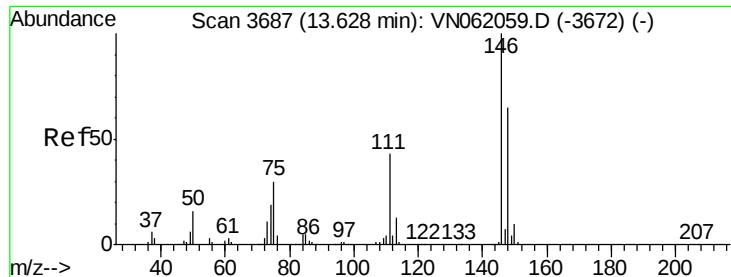
5000

0

Time-->

13.80 13.85 13.90





#91

1,2-Dichlorobenzene

Concen: 18.693 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VN0630MBS01

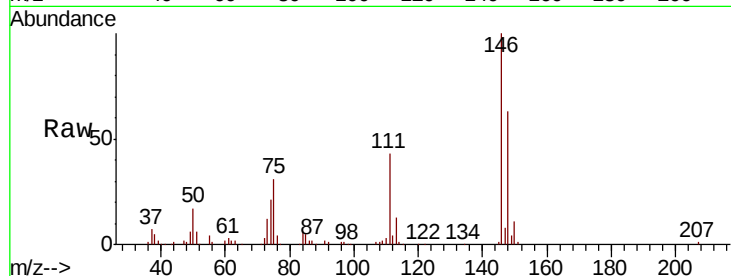
Tot Ion:146 Resp: 96941

Ion Ratio Lower Upper

146 100

111 43.0 21.2 63.6

148 63.9 31.9 95.5

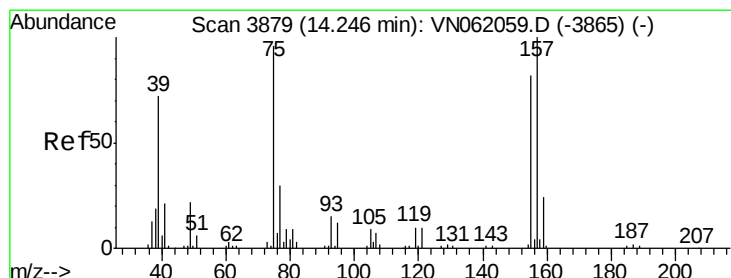
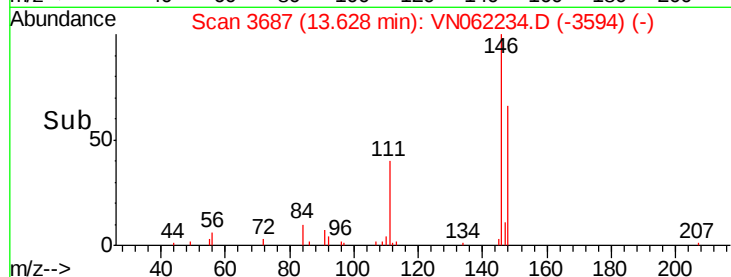
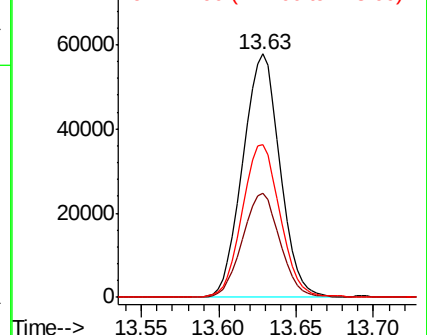


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.026 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062234.D

Acq: 30 Jun 2020 13:01

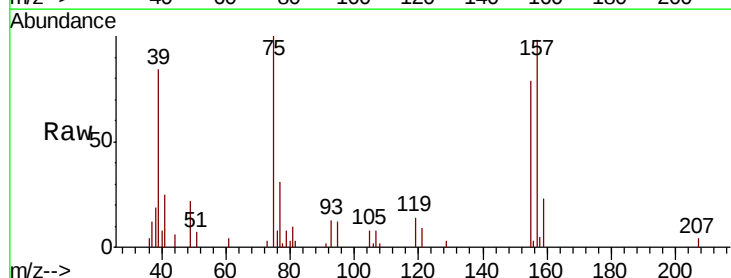
Tgt Ion: 75 Resp: 13096

Ion Ratio Lower Upper

75 100

155 79.1 40.8 122.4

157 96.6 51.4 154.3

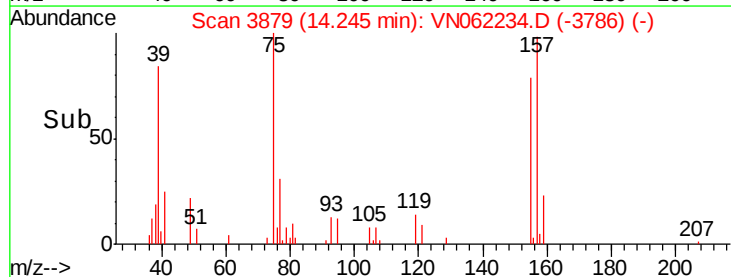
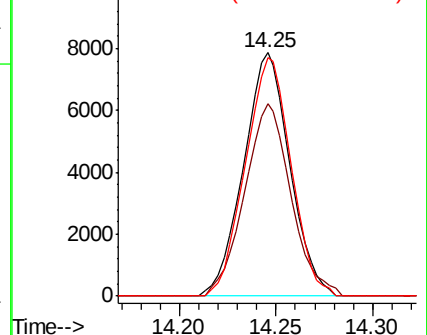


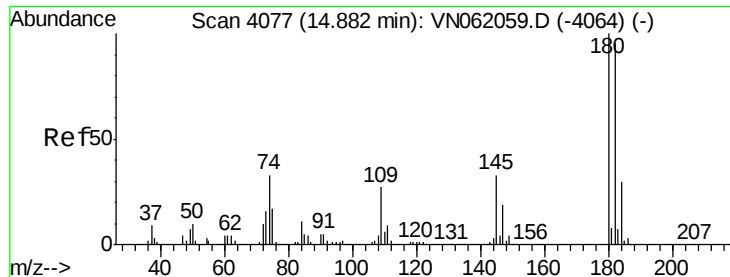
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

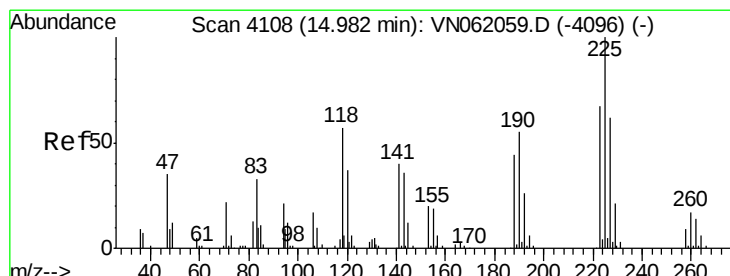
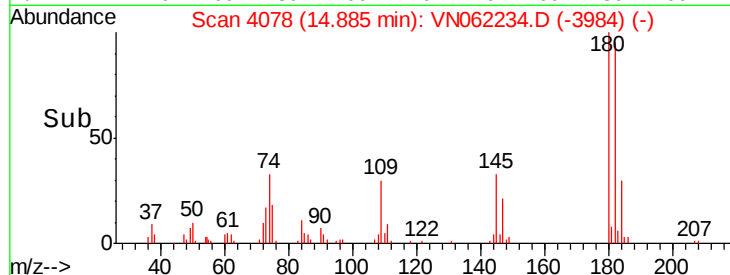
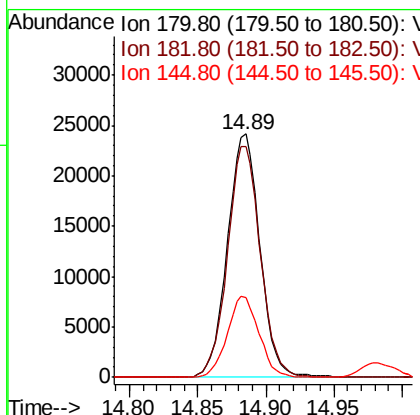
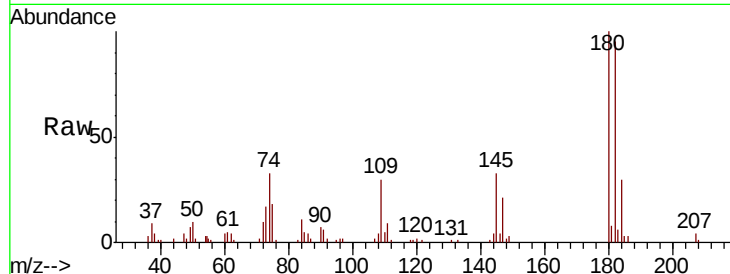




#93
 1,2,4-Trichlorobenzene
 Concen: 17.624 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

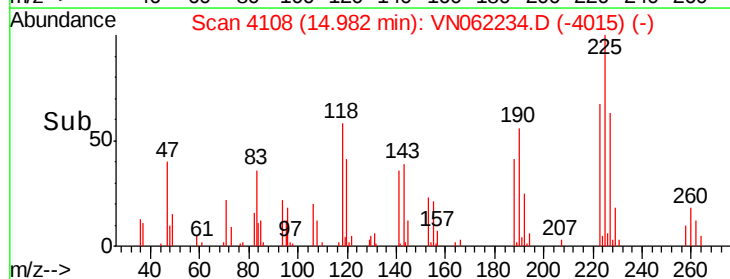
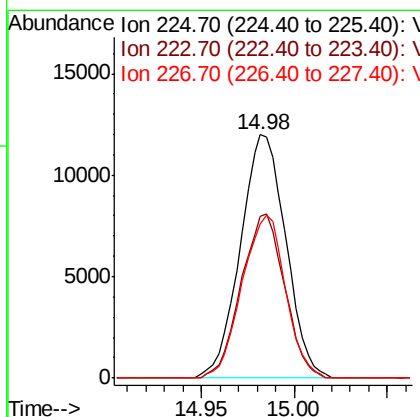
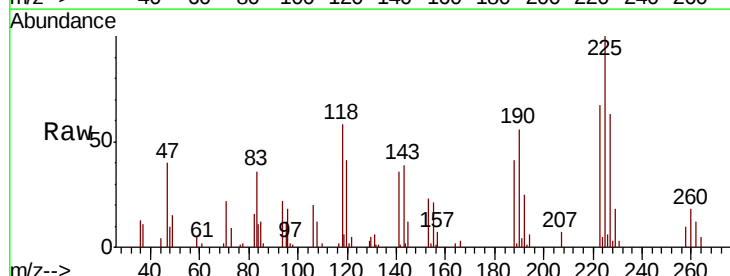
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBS01

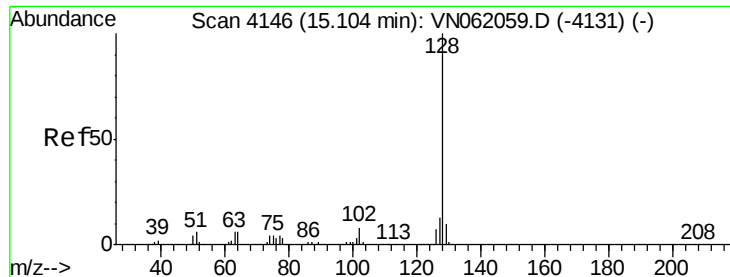
Tot Ion:180 Resp: 39927
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.0 144.2
 145 32.3 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 20.673 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062234.D
 Acq: 30 Jun 2020 13:01

Tgt Ion:225 Resp: 20342
 Ion Ratio Lower Upper
 225 100
 223 64.7 32.9 98.7
 227 63.8 31.3 93.8

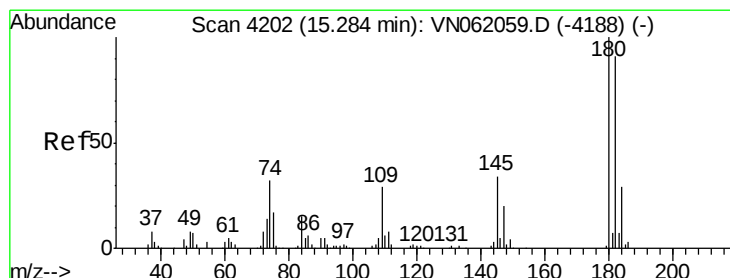
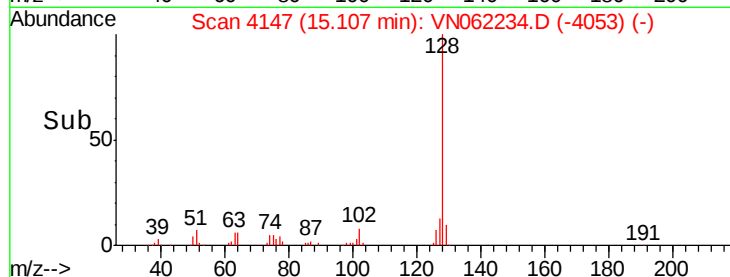
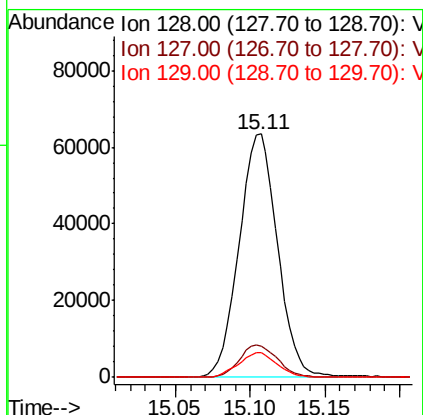
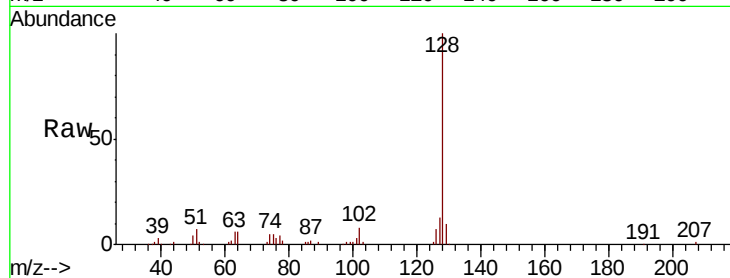




#95
Naphthalene
Concen: 17.813 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :
VN0630MBS01

Tot Ion:128 Resp: 113439
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.074 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062234.D
Acq: 30 Jun 2020 13:01

Tgt Ion:180 Resp: 41869
Ion Ratio Lower Upper
180 100
182 95.6 46.8 140.4
145 34.3 16.4 49.2

