

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062877.D
 Acq On : 13 Aug 2020 00:17
 Operator : JC/MD
 Sample : VN0812WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD02

Quant Time: Aug 13 05:27:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	163371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	263370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	246306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	114091	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	127753	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	7.55	113	90100	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.06	98	340909	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.38	95	122267	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	45631	19.505	ug/l	100
3) Chloromethane	2.03	50	50241	22.758	ug/l	98
4) Vinyl Chloride	2.16	62	48540	23.443	ug/l	98
5) Bromomethane	2.51	94	27872	20.334	ug/l	99
6) Chloroethane	2.66	64	29523	21.673	ug/l	97
7) Trichlorofluoromethane	2.98	101	70280	19.035	ug/l	98
8) Diethyl Ether	3.37	74	20769	19.649	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	29704	19.410	ug/l	97
10) Methyl Iodide	3.91	142	35221	19.681	ug/l	98
11) Tert butyl alcohol	4.74	59	38293	86.481	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	28176	19.539	ug/l	92
13) Acrolein	3.57	56	16158	60.269	ug/l	99
14) Allyl chloride	4.27	41	49407	17.273	ug/l	96
15) Acrylonitrile	4.93	53	100353	97.714	ug/l	99
16) Acetone	3.78	43	86873	88.990	ug/l	99
17) Carbon Disulfide	4.01	76	72242	17.689	ug/l	99
18) Methyl Acetate	4.28	43	48453	20.315	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	120119	18.977	ug/l	100
20) Methylene Chloride	4.50	84	35788	19.570	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	30660	18.754	ug/l	98
22) Diisopropyl ether	5.90	45	121240	19.912	ug/l	96
23) Vinyl Acetate	5.85	43	405756	87.611	ug/l	98
24) 1,1-Dichloroethane	5.80	63	67956	19.045	ug/l	98
25) 2-Butanone	6.79	43	129124	93.392	ug/l	98
26) 2,2-Dichloropropane	6.78	77	37852	11.508	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	36973	18.852	ug/l	91
28) Bromochloromethane	7.15	49	32565	18.910	ug/l	100
29) Tetrahydrofuran	7.17	42	85045	94.680	ug/l	100
30) Chloroform	7.33	83	71504	18.856	ug/l	99
31) Cyclohexane	7.62	56	60580	18.495	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	60678	17.897	ug/l	97
36) 1,1-Dichloropropene	7.75	75	47158	18.389	ug/l	98
37) Ethyl Acetate	6.89	43	48146	17.973	ug/l	100
38) Carbon Tetrachloride	7.73	117	54476	17.961	ug/l	94

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 Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Aug 13 05:27:29 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	54130	17.539	ug/l	98
40) Benzene	8.00	78	139242	18.196	ug/l	100
41) Methacrylonitrile	7.13	41	22335	18.477	ug/l #	59
42) 1,2-Dichloroethane	8.09	62	58817	18.059	ug/l	99
43) Isopropyl Acetate	8.13	43	80189	17.947	ug/l #	89
44) Trichloroethene	8.80	130	34626	18.572	ug/l	100
45) 1,2-Dichloropropane	9.09	63	40141	19.381	ug/l	95
46) Dibromomethane	9.18	93	26244	19.339	ug/l	98
47) Bromodichloromethane	9.37	83	59196	19.422	ug/l	97
48) Methyl methacrylate	9.17	41	37681	17.145	ug/l	96
49) 1,4-Dioxane	9.17	88	15113	371.116	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	273590	94.635	ug/l	99
52) Toluene	10.13	92	87703	18.562	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	57770	17.232	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	60949	18.107	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	40400	20.021	ug/l	92
56) Ethyl methacrylate	10.40	69	55263	18.194	ug/l	97
57) 1,3-Dichloropropane	10.68	76	63953	18.652	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.67	63	65921	76.781	ug/l	99
59) 2-Hexanone	10.72	43	198325	91.966	ug/l	100
60) Dibromochloromethane	10.87	129	44075	19.140	ug/l	100
61) 1,2-Dibromoethane	10.98	107	37834	19.001	ug/l	98
64) Tetrachloroethene	10.60	164	29622	18.640	ug/l	97
65) Chlorobenzene	11.41	112	95339	18.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	40057	19.374	ug/l	99
67) Ethyl Benzene	11.49	91	167498	18.179	ug/l	97
68) m/p-Xylenes	11.60	106	125017	37.379	ug/l	98
69) o-Xylene	11.92	106	60932	19.440	ug/l	96
70) Styrene	11.94	104	105125	19.081	ug/l	97
71) Bromoform	12.10	173	30697	18.146	ug/l #	98
73) Isopropylbenzene	12.23	105	168156	19.573	ug/l	99
74) N-amyl acetate	12.05	43	67751	19.460	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	60043	19.854	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	75839	24.648	ug/l #	100
77) Bromobenzene	12.50	156	41918	19.637	ug/l	95
78) n-propylbenzene	12.57	91	192610	19.100	ug/l	99
79) 2-Chlorotoluene	12.65	91	120201	19.007	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	146723	19.686	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	16514	16.384	ug/l	97
82) 4-Chlorotoluene	12.75	91	123732	18.986	ug/l	98
83) tert-Butylbenzene	12.97	119	122122	19.364	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	144615	20.282	ug/l	100
85) sec-Butylbenzene	13.15	105	163445	19.735	ug/l	100
86) p-Isopropyltoluene	13.26	119	142306	19.358	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	71452	18.737	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	72325	18.910	ug/l	99
89) n-Butylbenzene	13.59	91	109634	17.634	ug/l	99
90) Hexachloroethane	13.85	117	29313	18.499	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	72837	20.373	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11918	18.356	ug/l	98

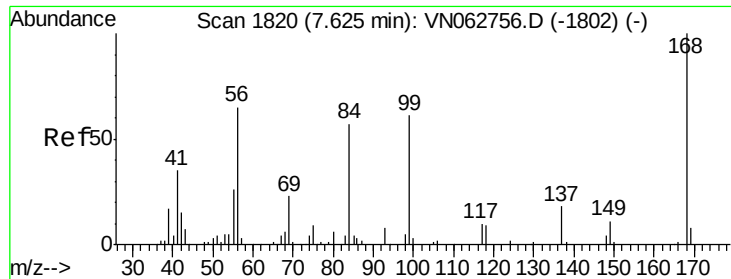
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30868	18.331	ug/l	96
94) Hexachlorobutadiene	14.98	225	21411	18.039	ug/l	96
95) Naphthalene	15.11	128	78326	17.535	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	31282	18.365	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

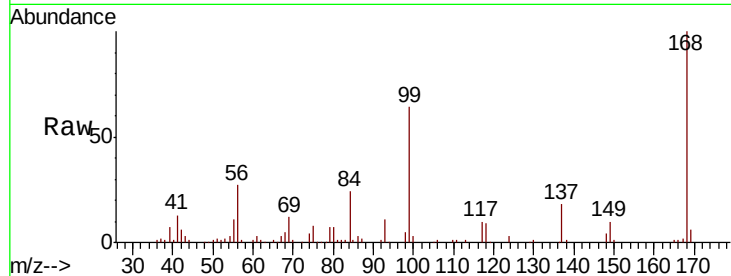
VN0812WBSD02

Tot Ion:168 Resp: 163371

Ion Ratio Lower Upper

168 100

99 63.4 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

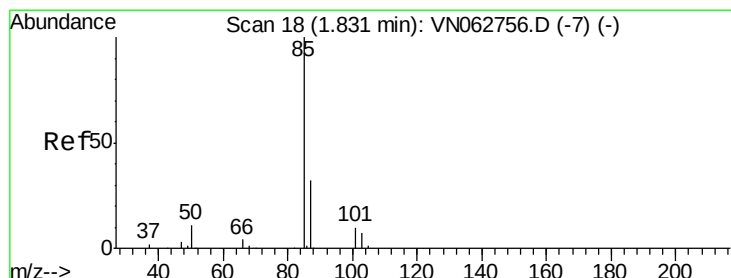
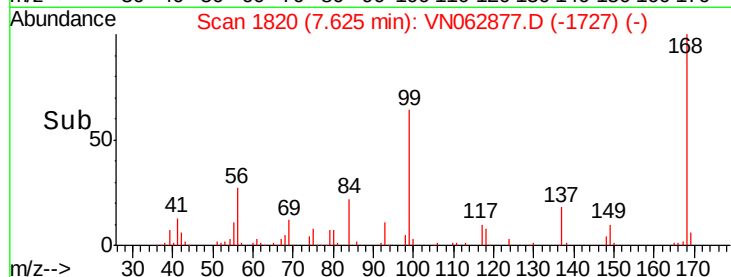
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.505 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062877.D

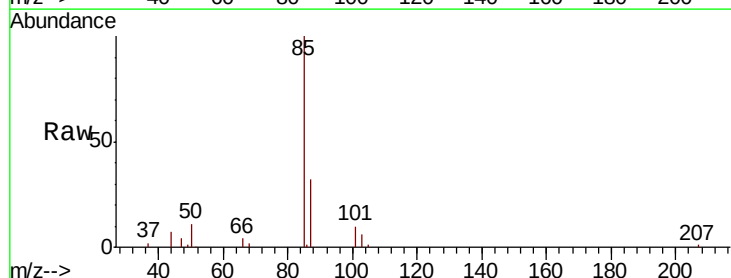
Acq: 13 Aug 2020 00:17

Tgt Ion: 85 Resp: 45631

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

20000

10000

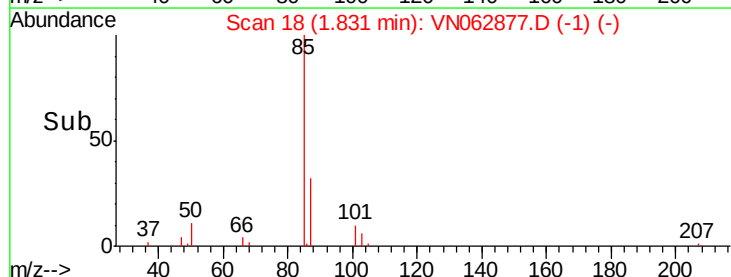
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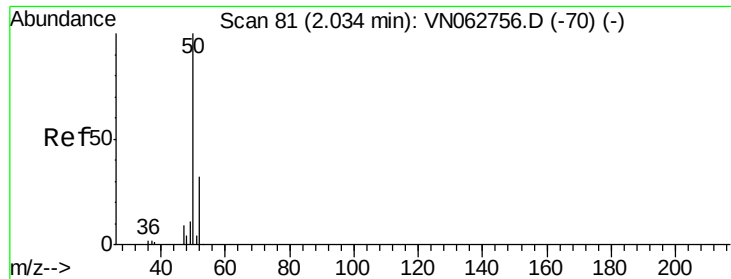
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 22.758 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

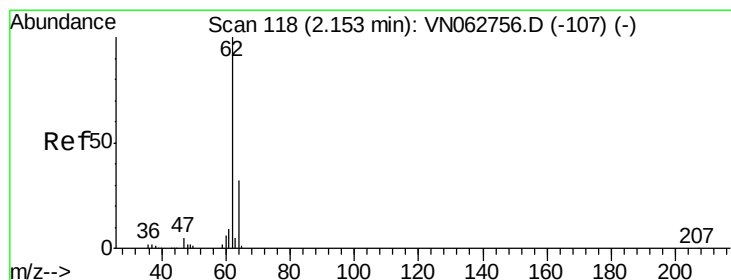
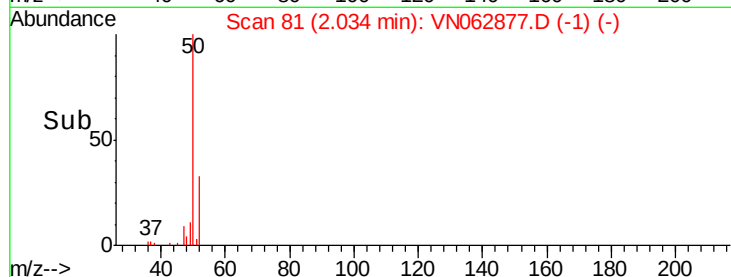
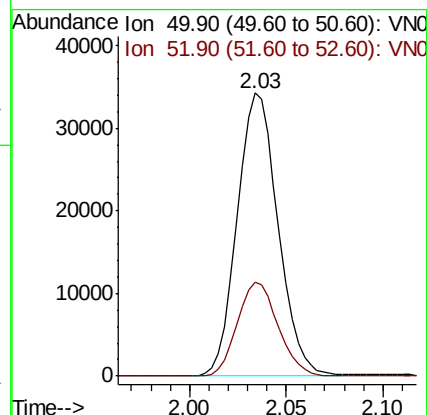
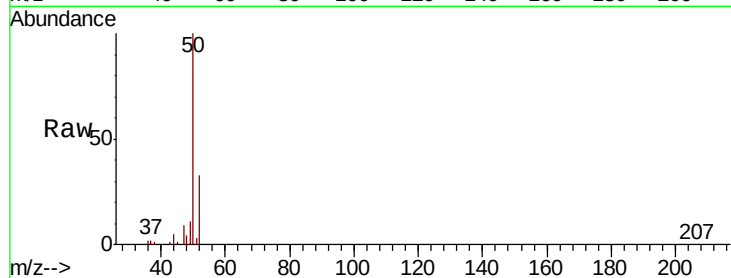
VN0812WBSD02

Tot Ion: 50 Resp: 50241

Ion Ratio Lower Upper

50 100

52 33.2 25.6 38.4



#4

Vinyl Chloride

Concen: 23.443 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062877.D

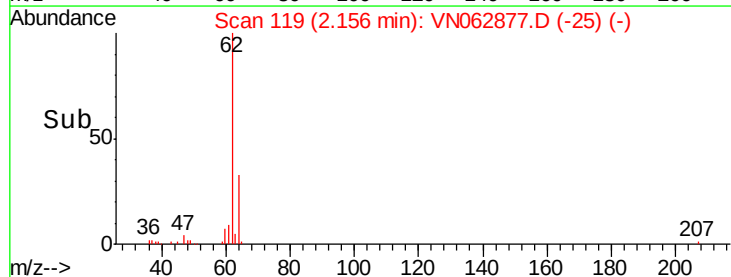
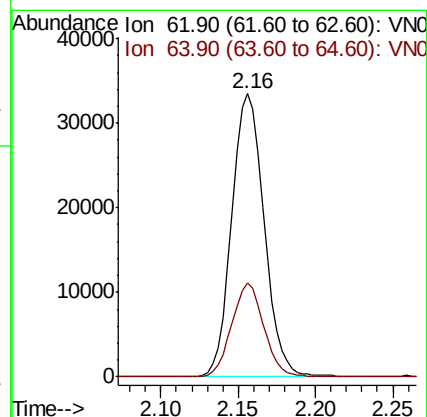
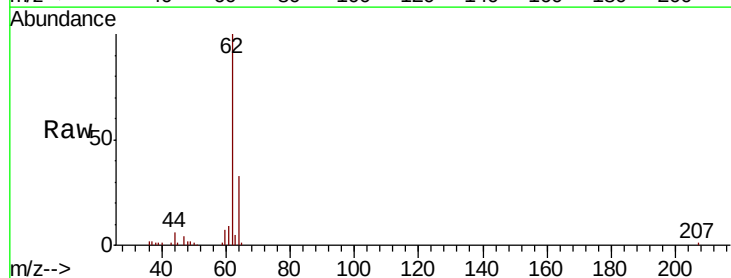
Acq: 13 Aug 2020 00:17

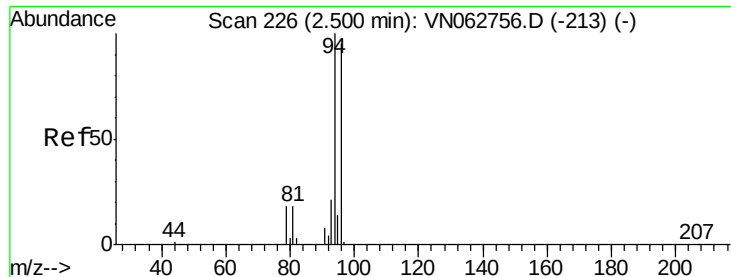
Tgt Ion: 62 Resp: 48540

Ion Ratio Lower Upper

62 100

64 33.2 25.8 38.8





#5

Bromomethane

Concen: 20.334 ug/l

RT: 2.51 min Scan# 230

Delta R.T. 0.01 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

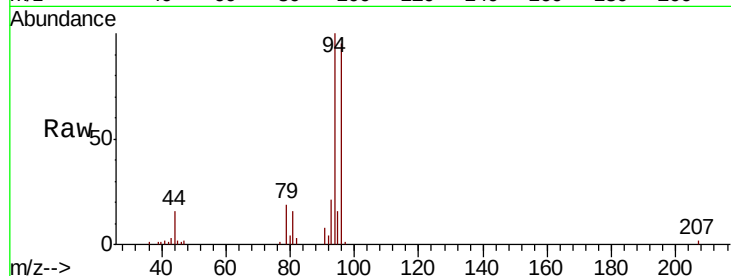
VN0812WBSD02

Tot Ion: 94 Resp: 27872

Ion Ratio Lower Upper

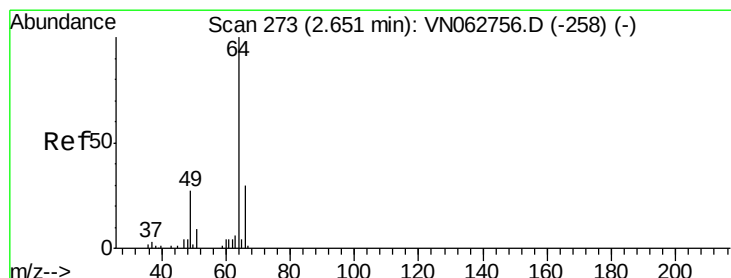
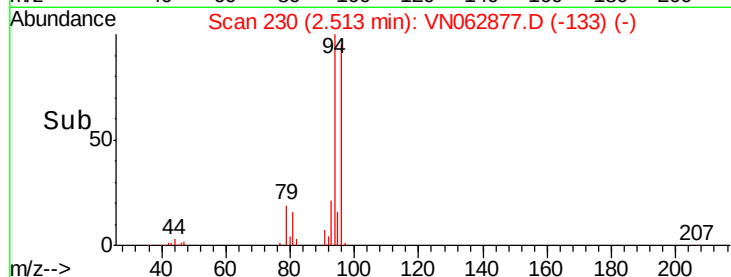
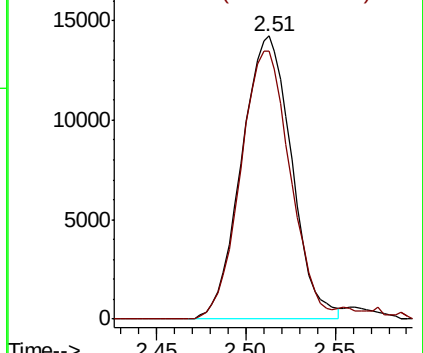
94 100

96 94.6 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.673 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.01 min

Lab File: VN062877.D

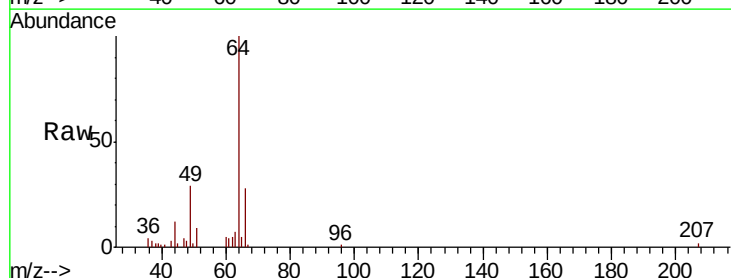
Acq: 13 Aug 2020 00:17

Tgt Ion: 64 Resp: 29523

Ion Ratio Lower Upper

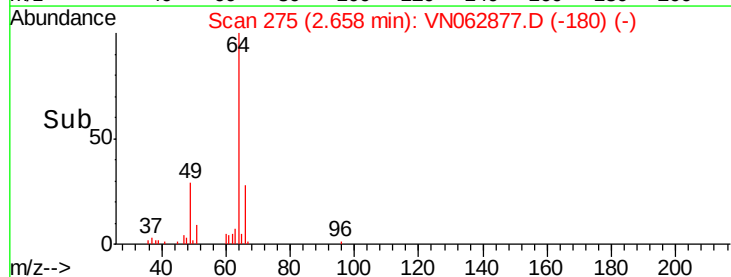
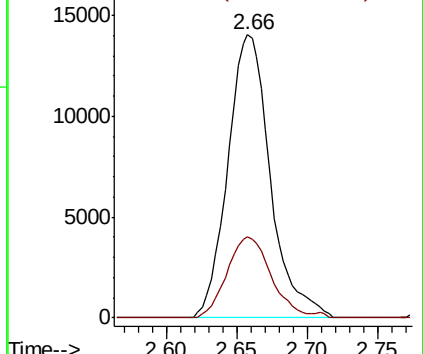
64 100

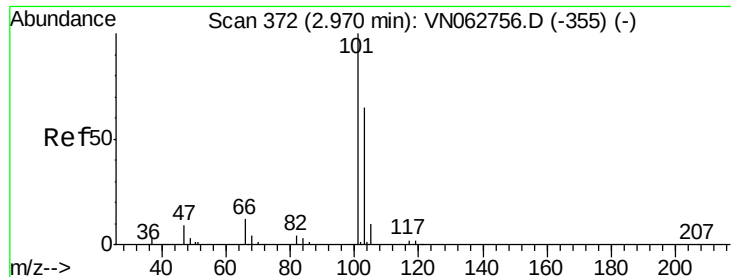
66 28.5 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



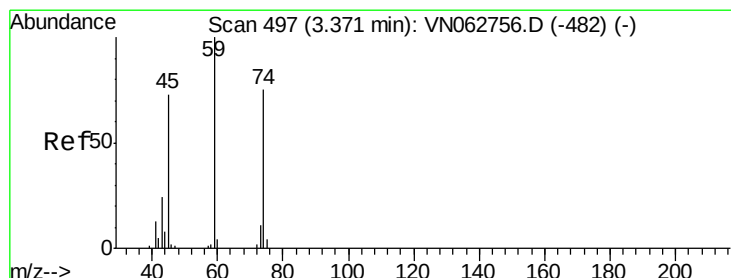
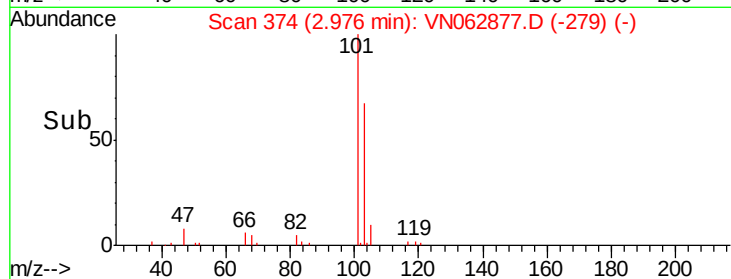
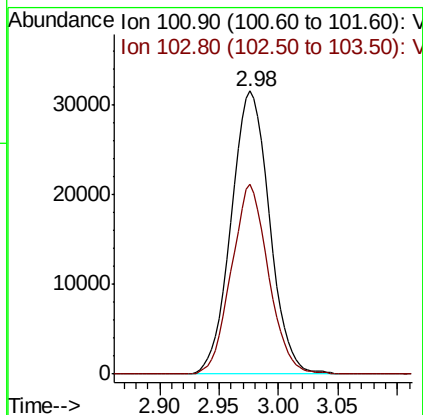
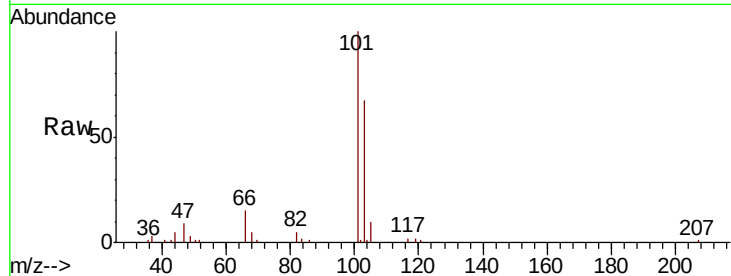


#7

Trichlorofluoromethane
 Concen: 19.035 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD02

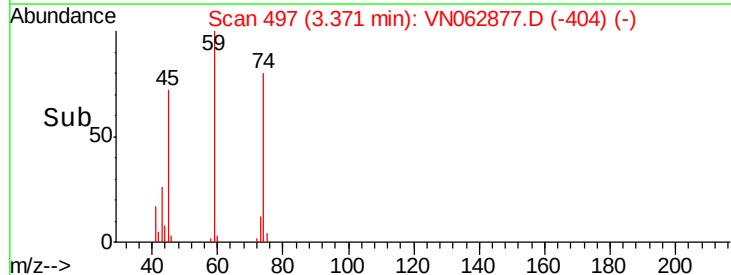
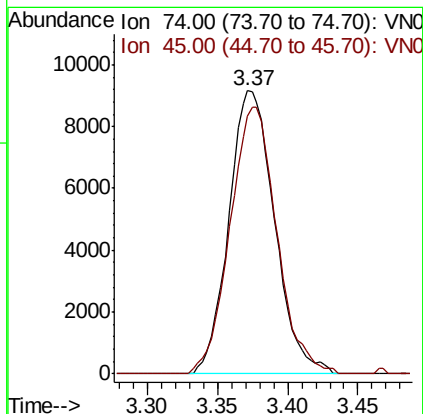
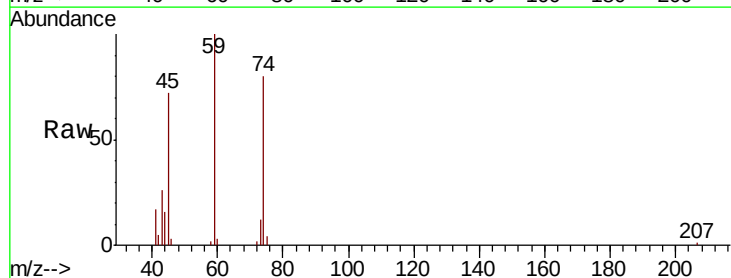
Tot Ion:101 Resp: 70280
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.3 78.5

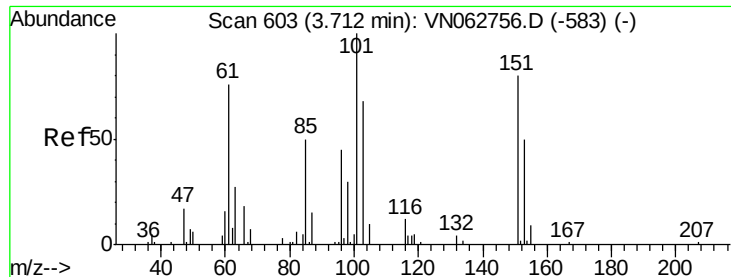


#8

Diethyl Ether
 Concen: 19.649 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

Tgt Ion: 74 Resp: 20769
 Ion Ratio Lower Upper
 74 100
 45 96.2 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.410 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD02

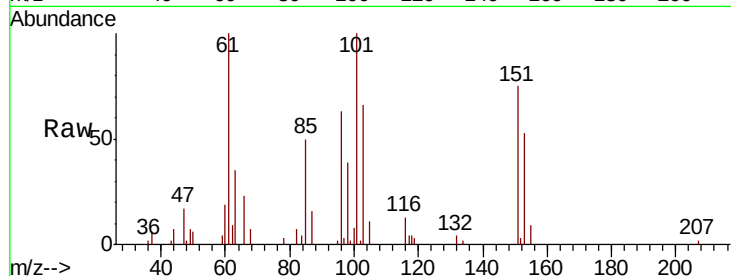
Tot Ion:101 Resp: 29704

Ion Ratio Lower Upper

101 100

85 46.2 38.5 57.7

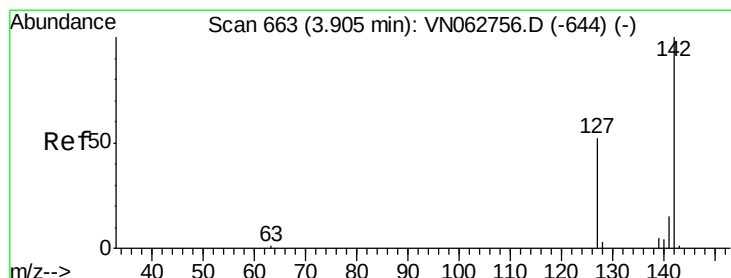
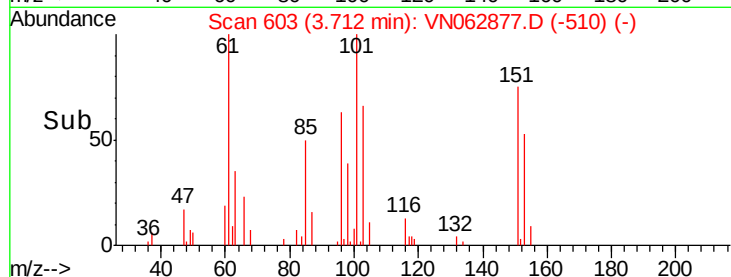
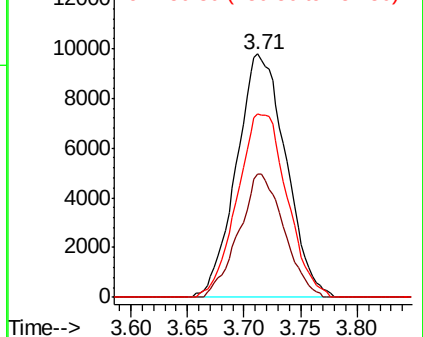
151 76.0 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.681 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

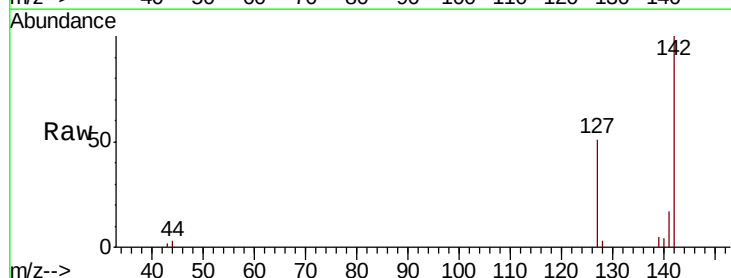
Tgt Ion:142 Resp: 35221

Ion Ratio Lower Upper

142 100

127 50.1 41.4 62.0

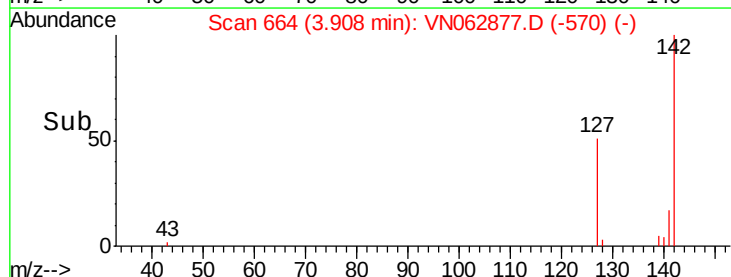
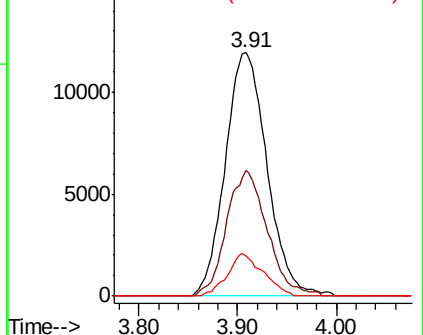
141 15.0 12.2 18.4

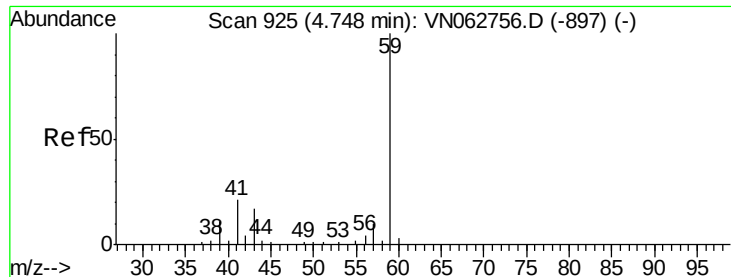


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

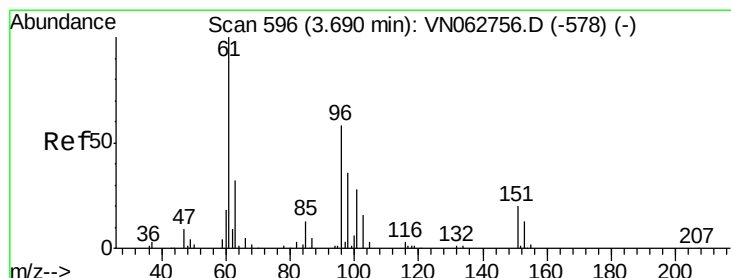
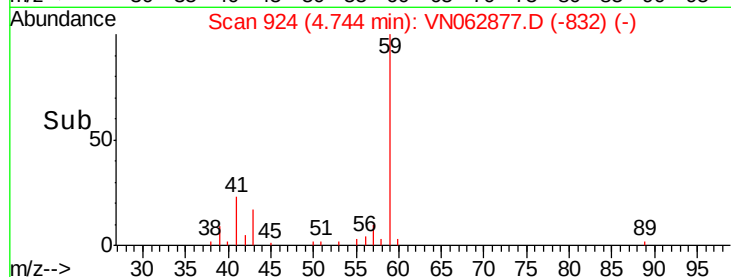
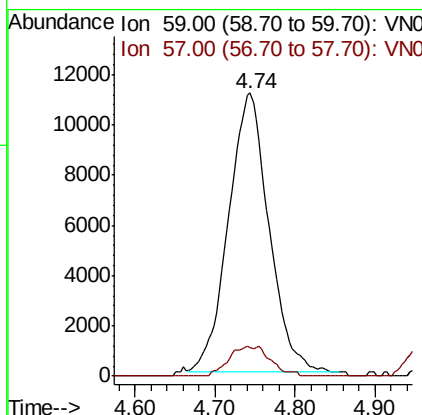
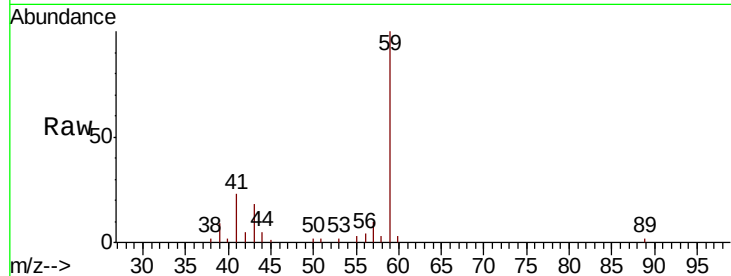




#11
Tert butyl alcohol
Concen: 86.481 ug/l
RT: 4.74 min Scan# 924
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

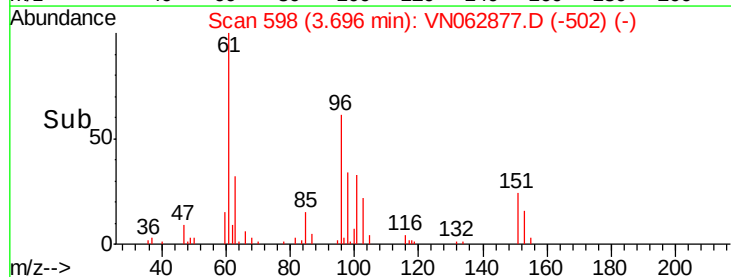
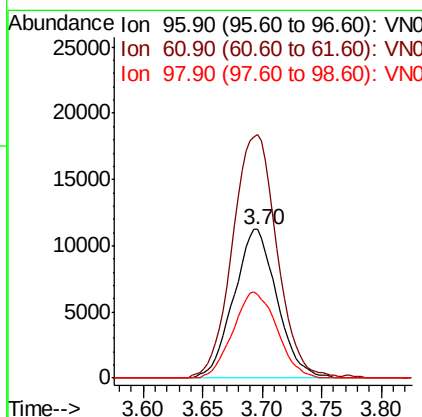
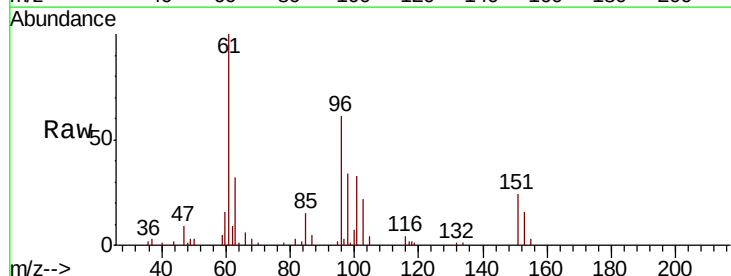
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

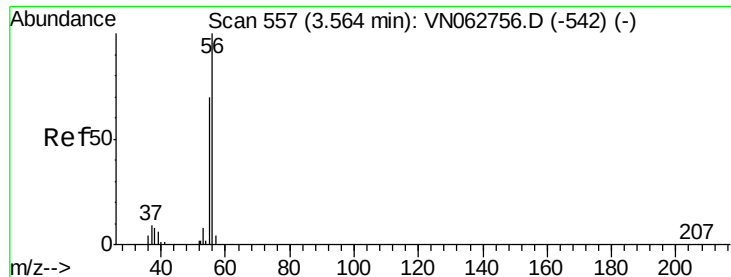
Tot Ion: 59 Resp: 38293
Ion Ratio Lower Upper
59 100
57 6.4 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 19.539 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.01 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion: 96 Resp: 28176
Ion Ratio Lower Upper
96 100
61 163.6 139.0 208.6
98 55.9 50.2 75.4





#13

Acrolein

Concen: 60.269 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

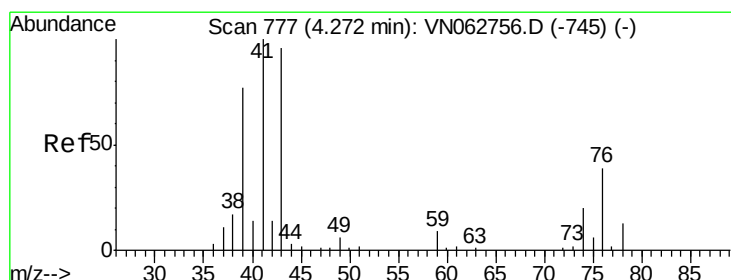
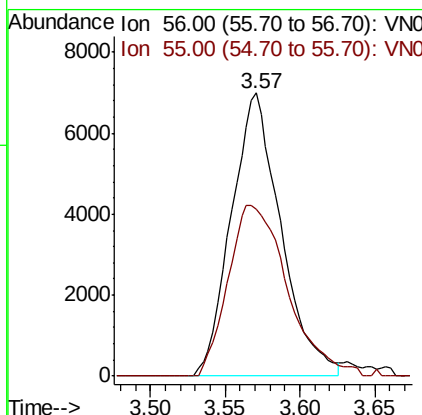
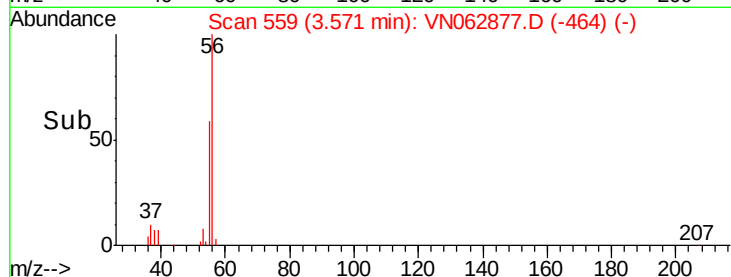
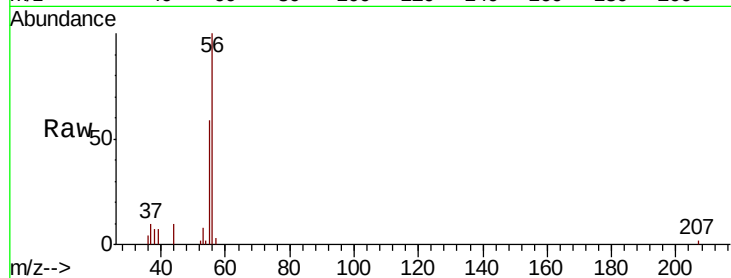
VN0812WBSD02

Tot Ion: 56 Resp: 16158

Ion Ratio Lower Upper

56 100

55 72.3 57.0 85.6



#14

Allyl chloride

Concen: 17.273 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

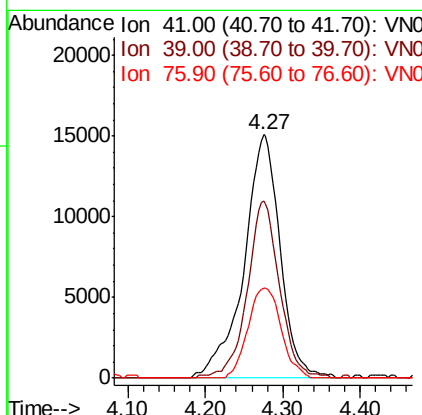
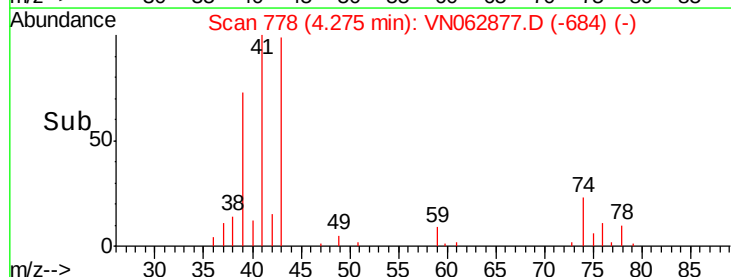
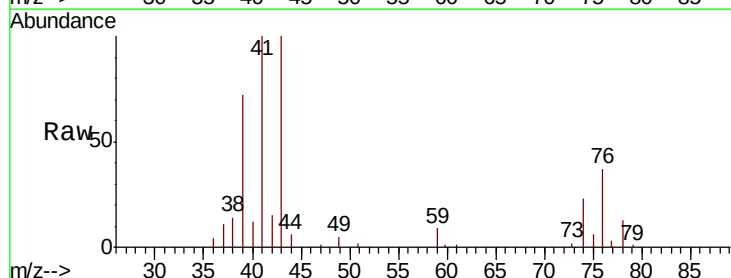
Tgt Ion: 41 Resp: 49407

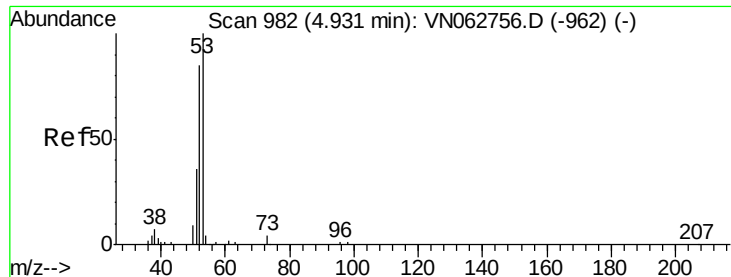
Ion Ratio Lower Upper

41 100

39 65.0 55.7 83.5

76 33.9 27.5 41.3





#15

Acrylonitrile

Concen: 97.714 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD02

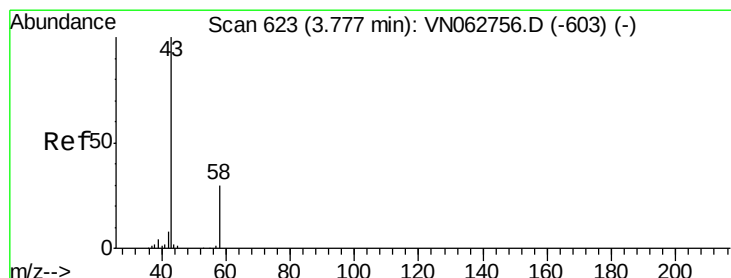
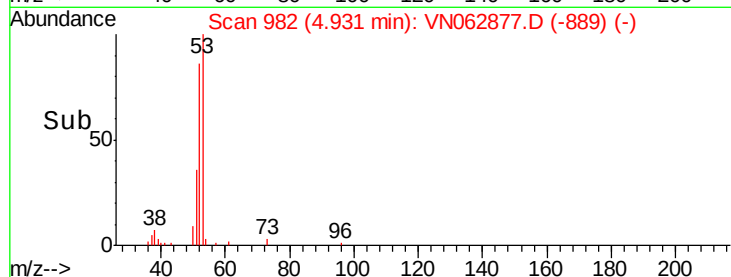
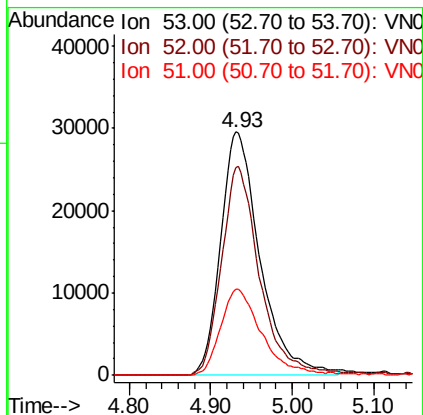
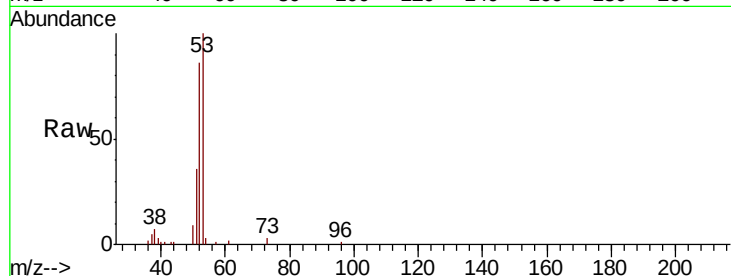
Tot Ion: 53 Resp: 100353

Ion Ratio Lower Upper

53 100

52 82.9 66.8 100.2

51 36.6 29.5 44.3



#16

Acetone

Concen: 88.990 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062877.D

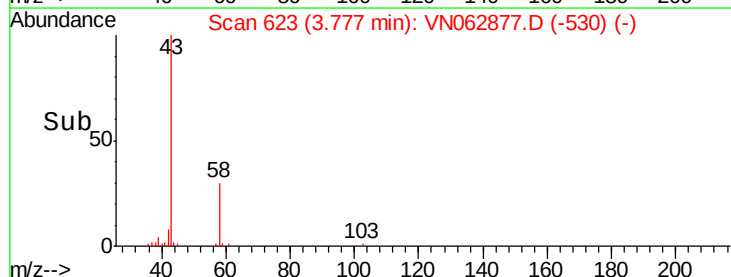
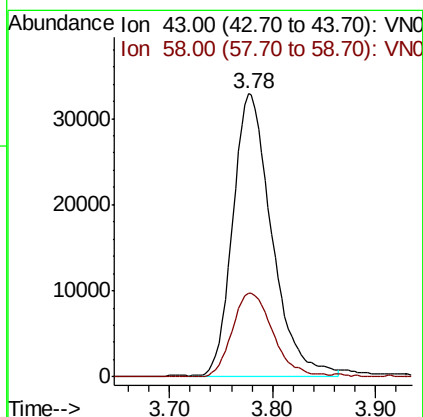
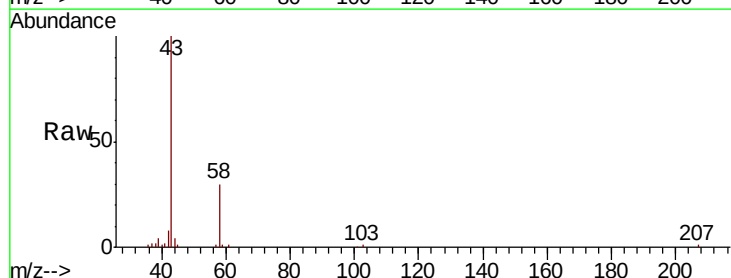
Acq: 13 Aug 2020 00:17

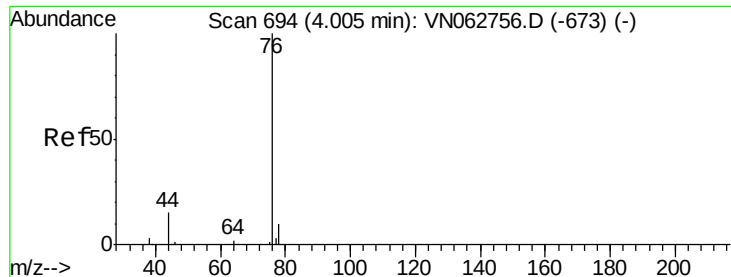
Tgt Ion: 43 Resp: 86873

Ion Ratio Lower Upper

43 100

58 29.7 24.1 36.1





#17

Carbon Disulfide

Concen: 17.689 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

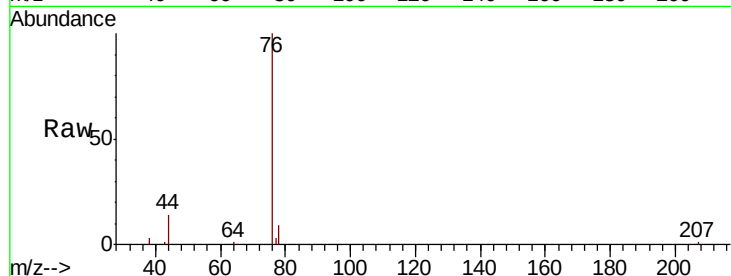
VN0812WBSD02

Tot Ion: 76 Resp: 72242

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

30000

25000

20000

15000

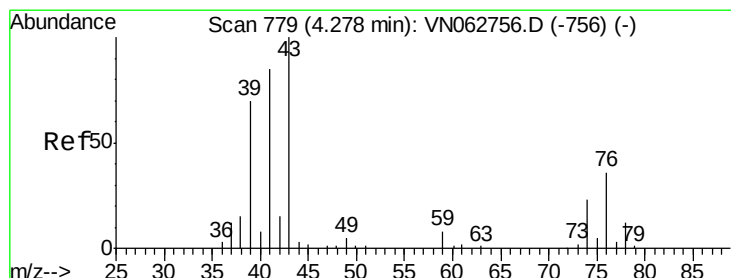
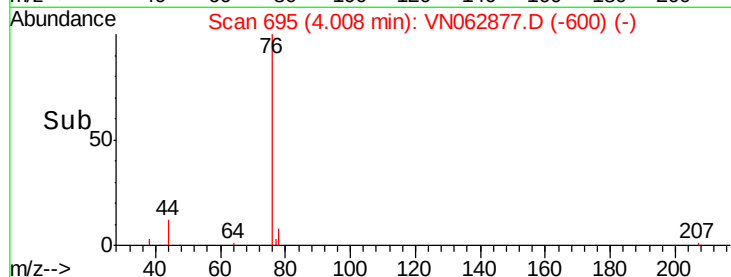
10000

5000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 20.315 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN062877.D

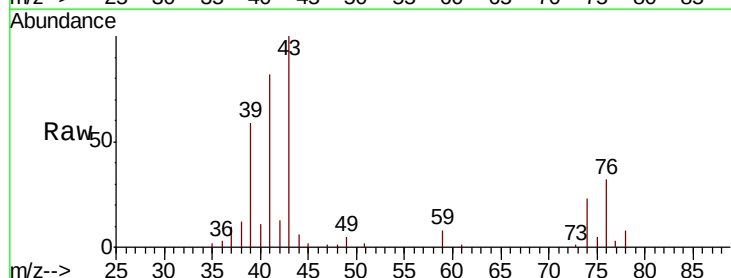
Acq: 13 Aug 2020 00:17

Tgt Ion: 43 Resp: 48453

Ion Ratio Lower Upper

43 100

74 24.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

15000

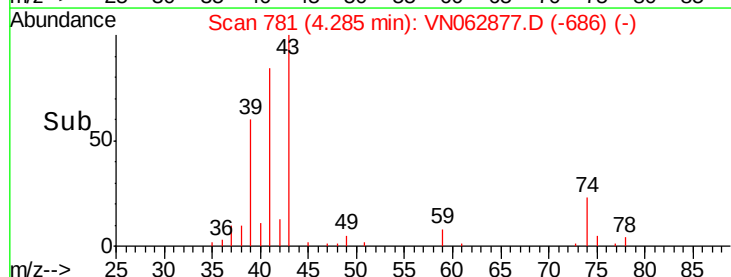
10000

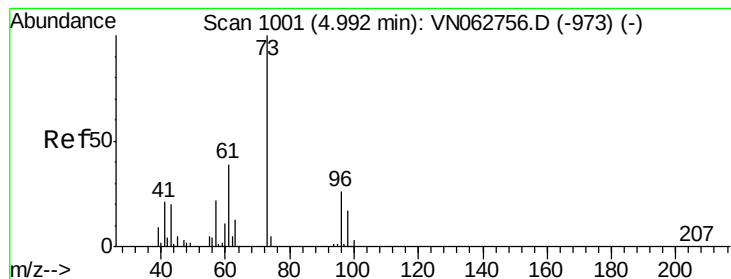
5000

0

Time-->

4.20 4.30 4.40



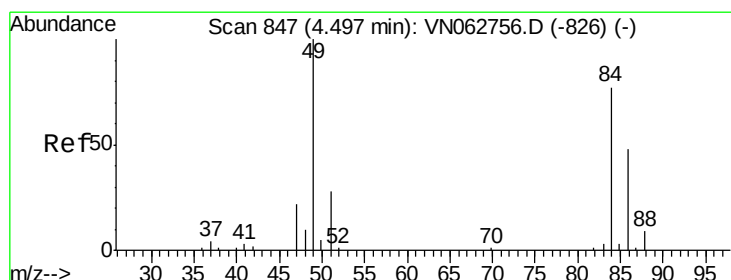
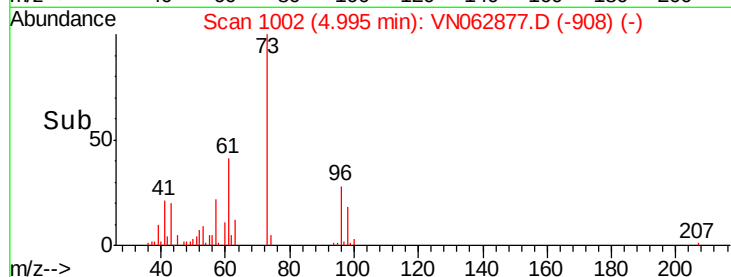
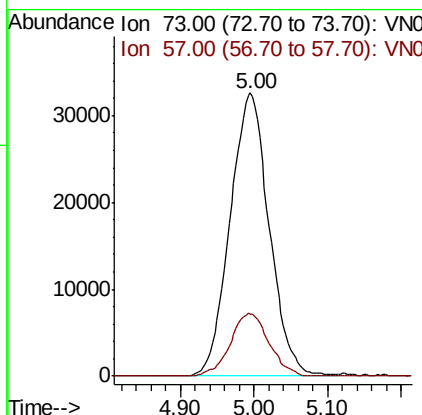
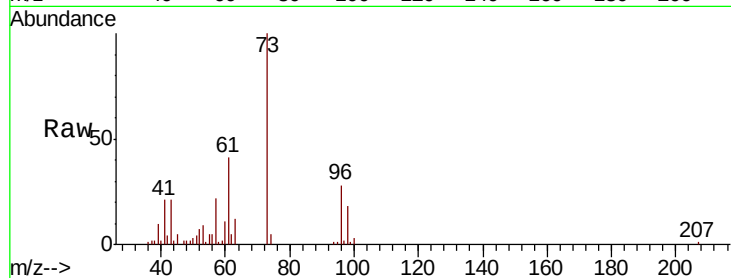


#19

Methvl tert-butyl Ether
 Concen: 18.977 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD02

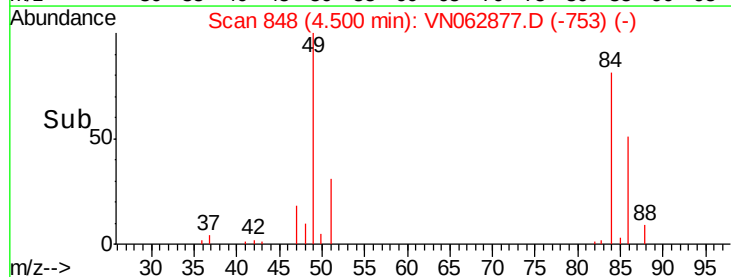
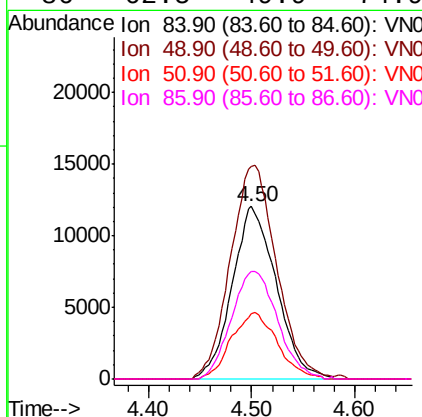
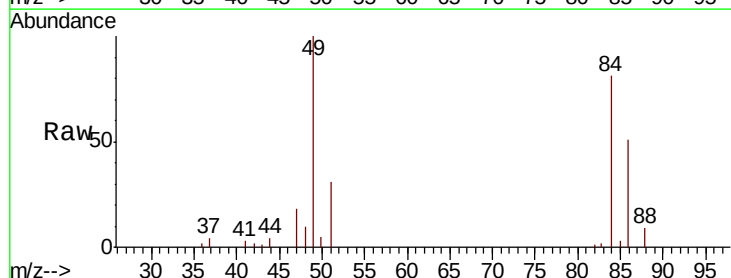
Tot Ion: 73 Resp: 120119
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.5 26.3

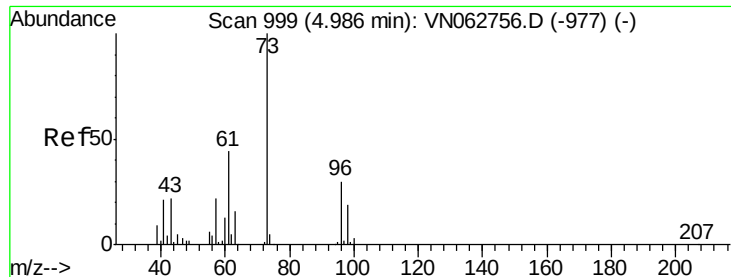


#20

Methylene Chloride
 Concen: 19.570 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

Tgt Ion: 84 Resp: 35788
 Ion Ratio Lower Upper
 84 100
 49 123.4 103.4 155.2
 51 38.1 29.3 43.9
 86 62.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.754 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD02

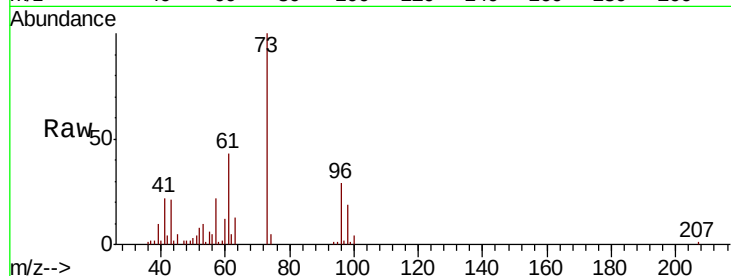
Tot Ion: 96 Resp: 30660

Ion Ratio Lower Upper

96 100

61 145.3 118.8 178.2

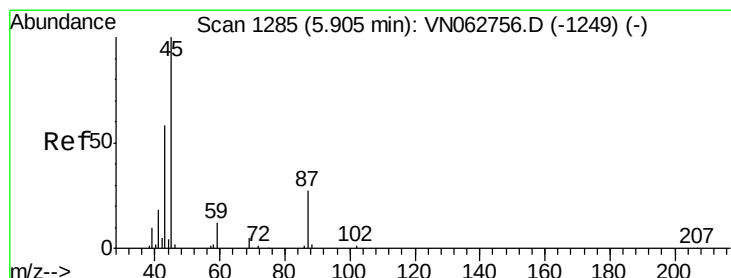
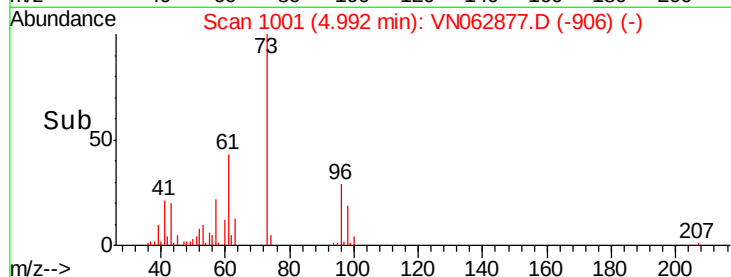
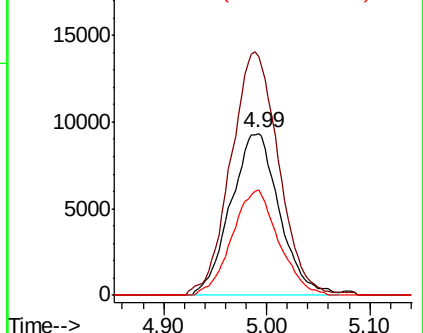
98 65.0 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062877.D (-1192) (-)

Ion 60.90 (60.60 to 61.60): VN062877.D (-1192) (-)

Ion 97.90 (97.60 to 98.60): VN062877.D (-1192) (-)



#22

Diisopropyl ether

Concen: 19.912 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Tgt Ion: 45 Resp: 121240

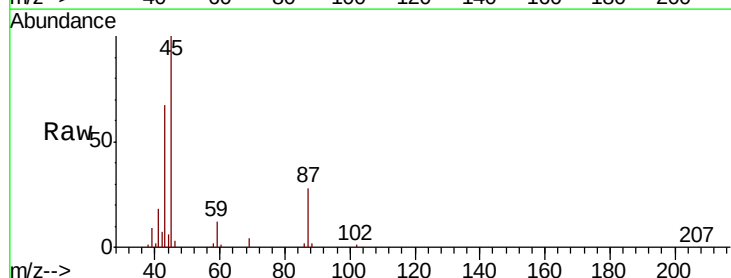
Ion Ratio Lower Upper

45 100

43 64.0 47.4 71.2

87 28.3 22.8 34.2

59 12.2 9.9 14.9

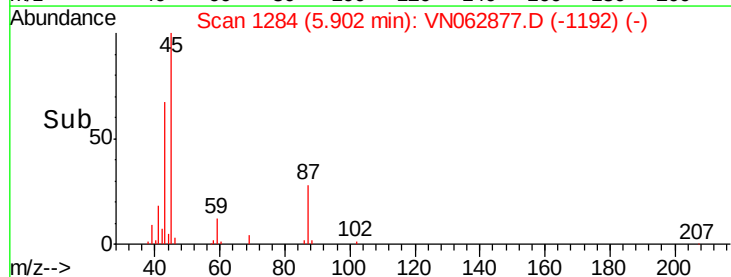
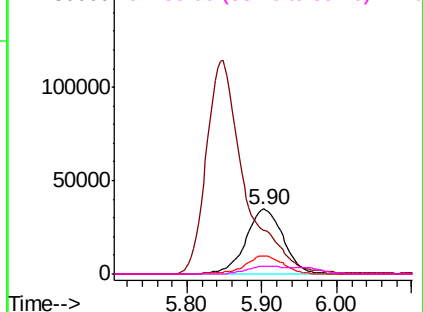


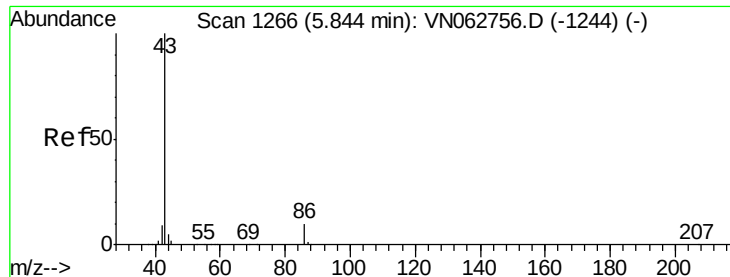
Abundance Ion 45.00 (44.70 to 45.70): VN062877.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN062877.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN062877.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN062877.D (-1192) (-)





#23

Vinyl Acetate

Concen: 87.611 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleID :

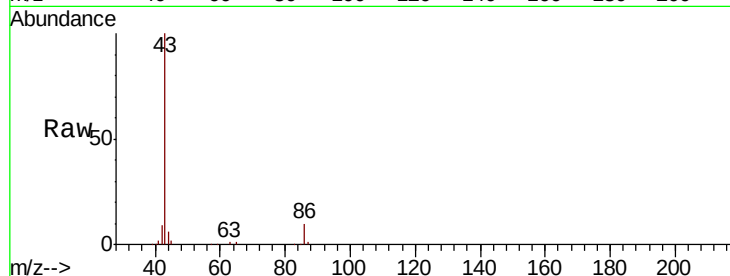
VN0812WBSD02

Tot Ion: 43 Resp: 405756

Ion Ratio Lower Upper

43 100

86 10.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

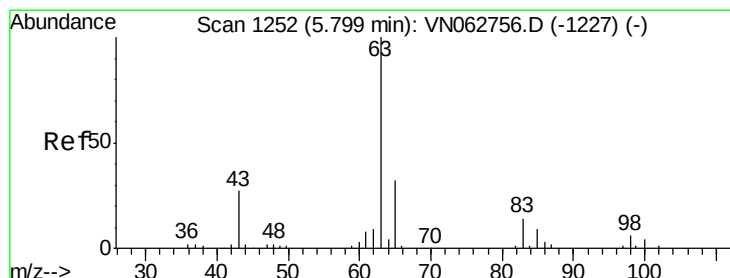
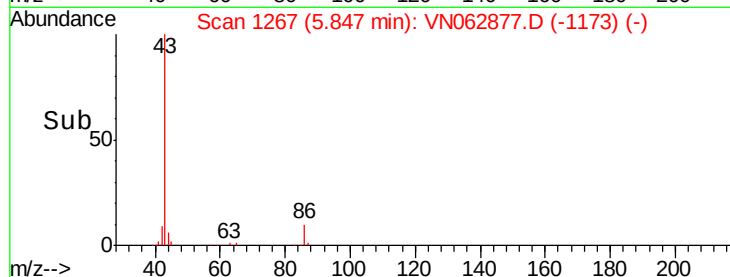
5.85

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.045 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

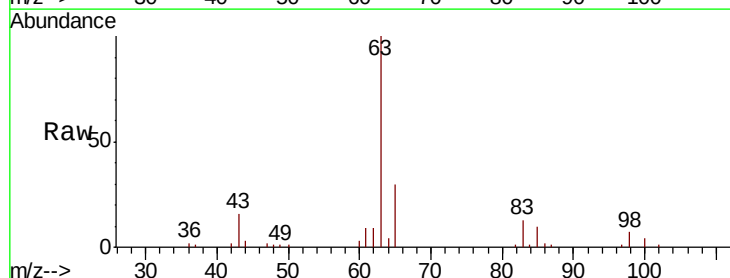
Tgt Ion: 63 Resp: 67956

Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.2

100 3.5 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

30000

25000

20000

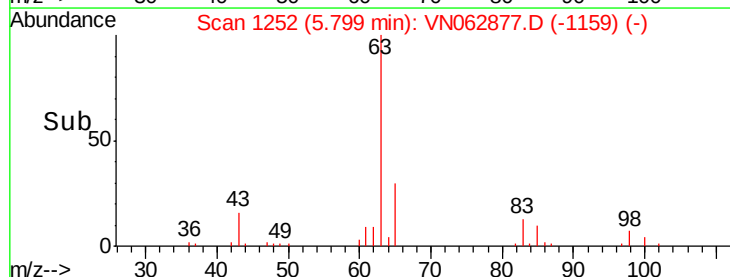
15000

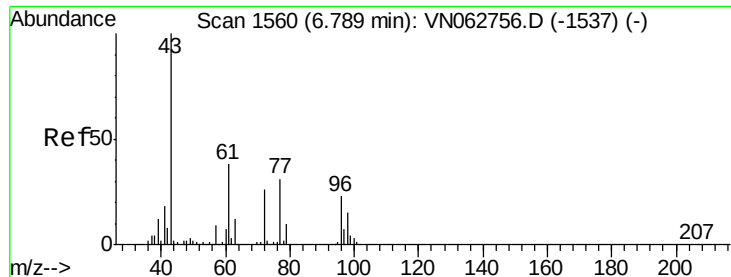
10000

5000

0

Time-->

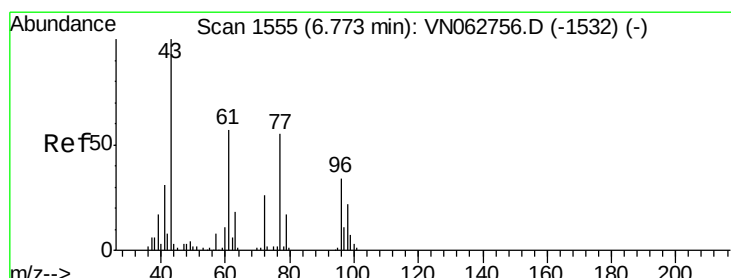
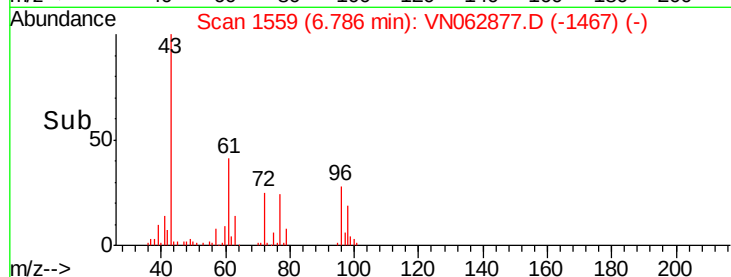
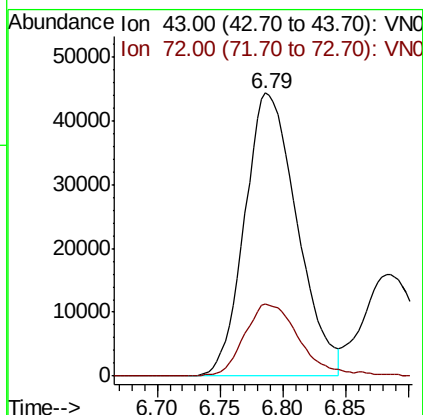
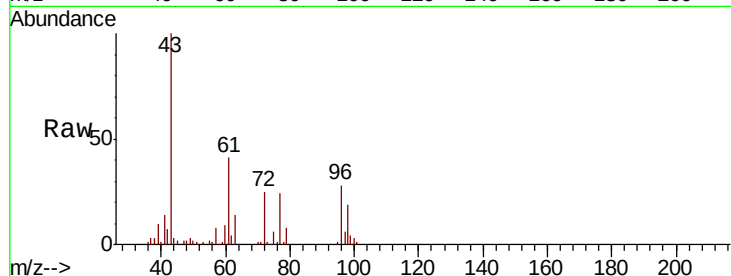




#25
2-Butanone
Concen: 93.392 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

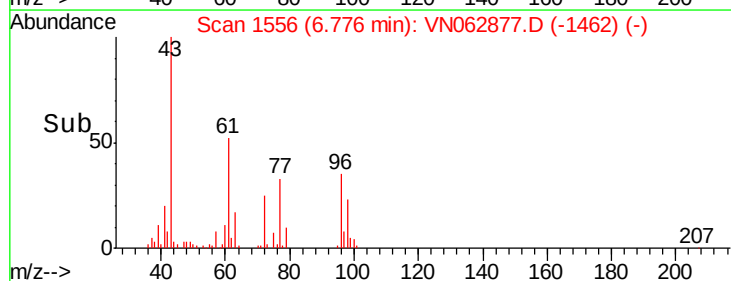
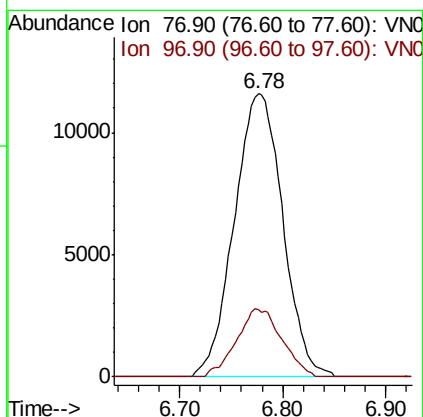
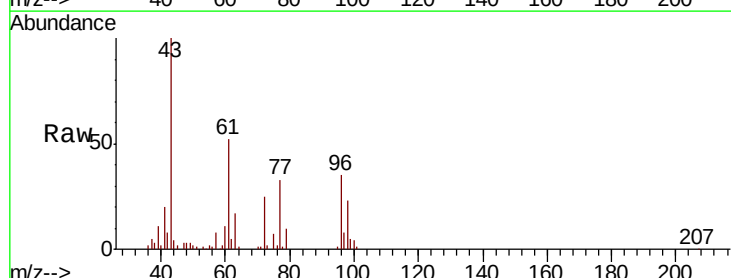
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

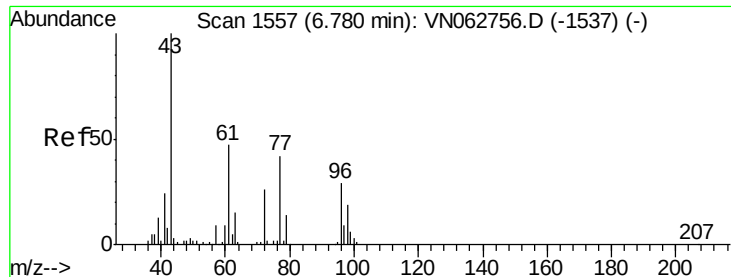
Tot Ion: 43 Resp: 129124
Ion Ratio Lower Upper
43 100
72 25.5 21.1 31.7



#26
2,2-Dichloropropane
Concen: 11.508 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion: 77 Resp: 37852
Ion Ratio Lower Upper
77 100
97 22.4 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.852 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD02

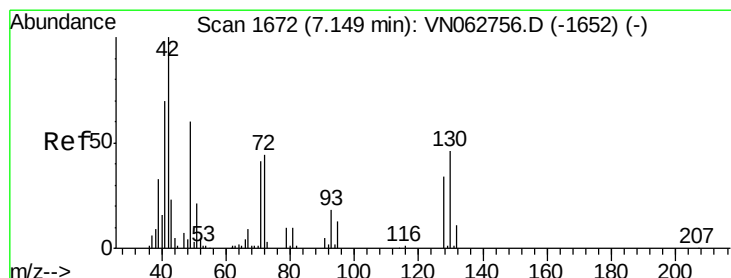
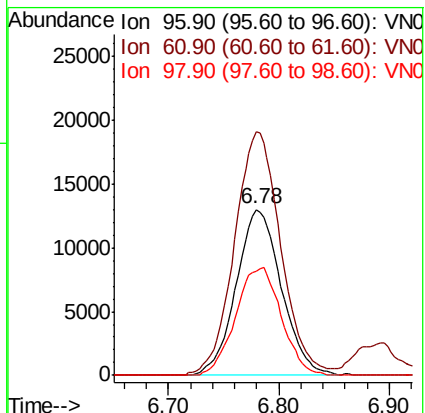
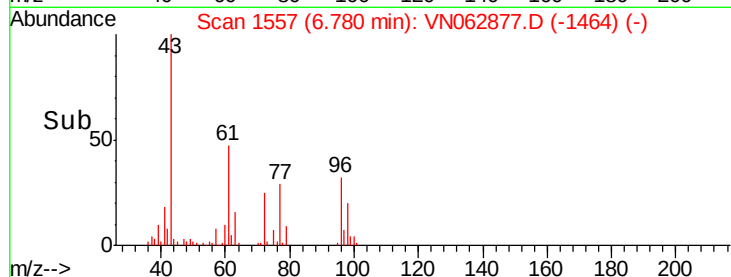
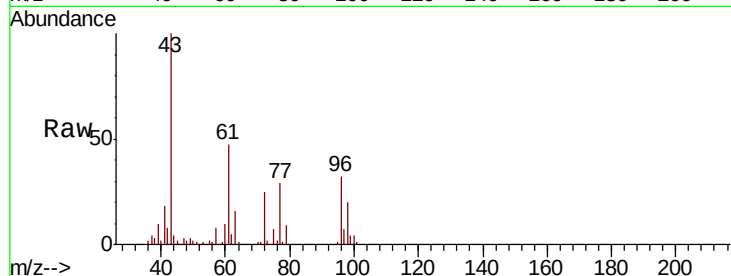
Tot Ion: 96 Resp: 36973

Ion Ratio Lower Upper

96 100

61 150.2 0.0 332.2

98 65.6 0.0 129.4



#28

Bromochloromethane

Concen: 18.910 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

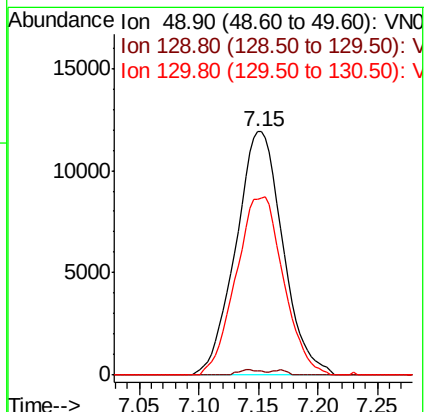
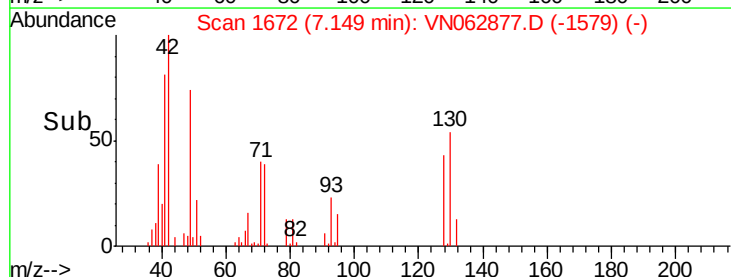
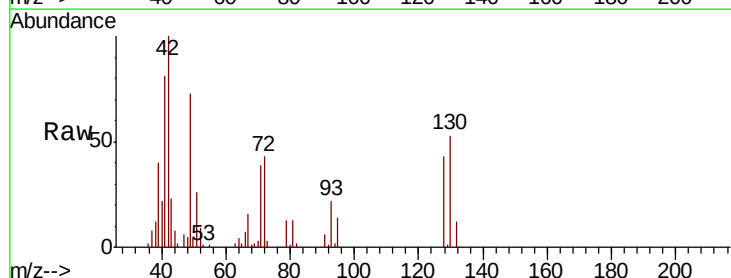
Tgt Ion: 49 Resp: 32565

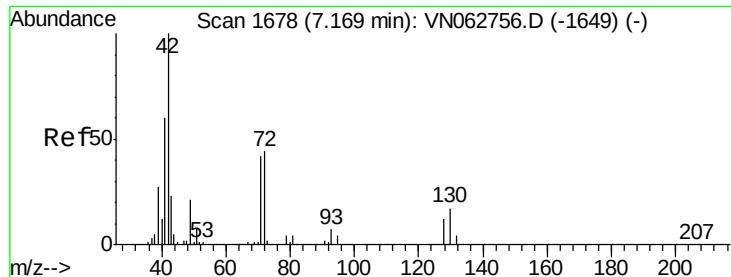
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.2

130 73.8 59.0 88.6

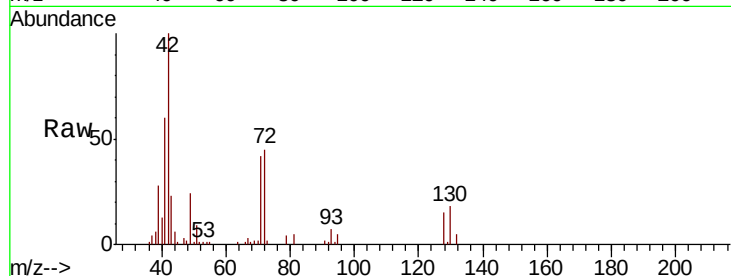




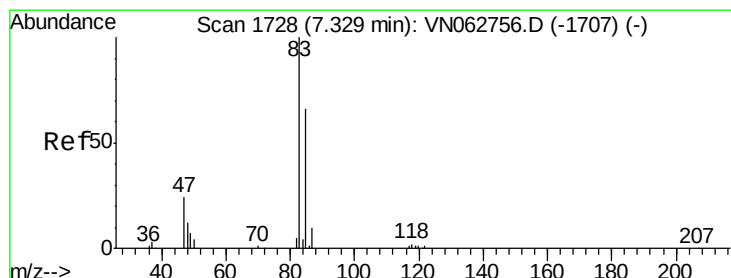
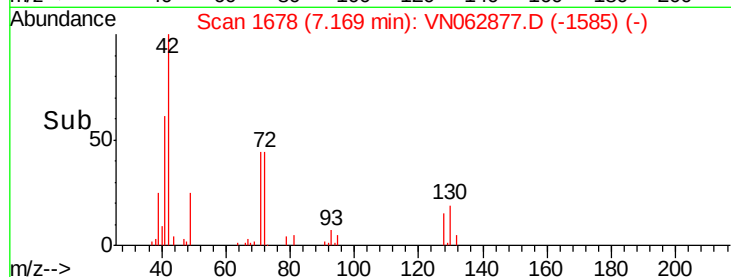
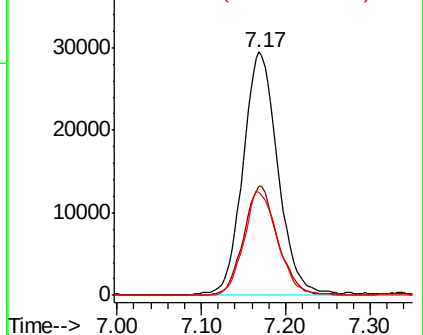
#29
Tetrahydrofuran
Concen: 94.680 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

Tot Ion: 42 Resp: 85045
Ion Ratio Lower Upper
42 100
72 43.4 35.0 52.4
71 41.4 33.2 49.8

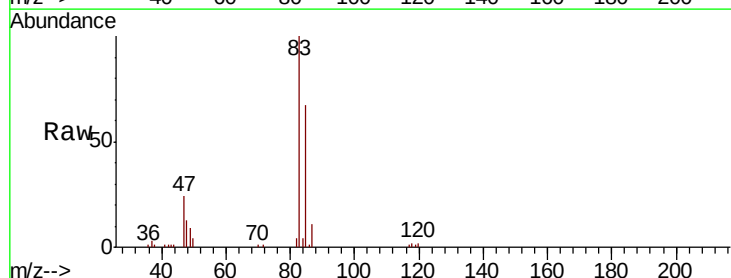


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

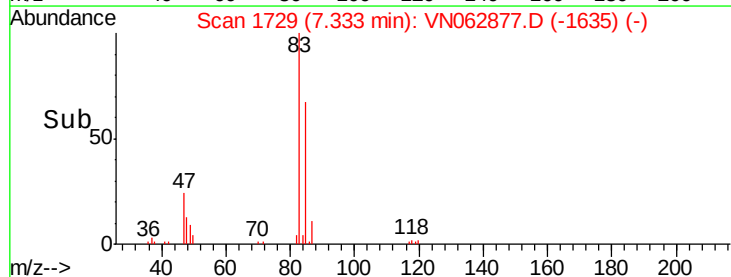
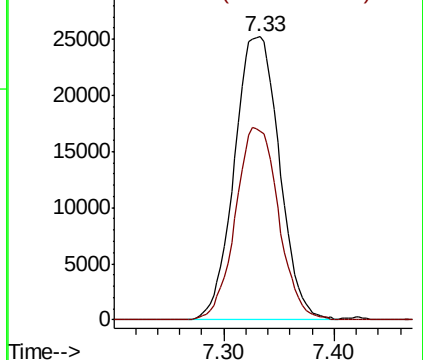


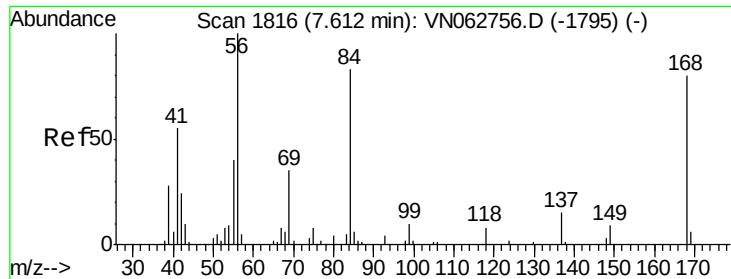
#30
Chloroform
Concen: 18.856 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion: 83 Resp: 71504
Ion Ratio Lower Upper
83 100
85 66.8 52.7 79.1



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

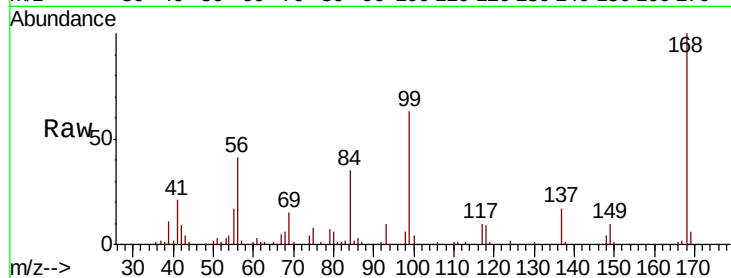




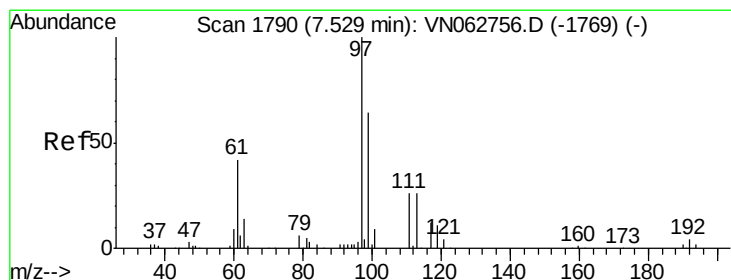
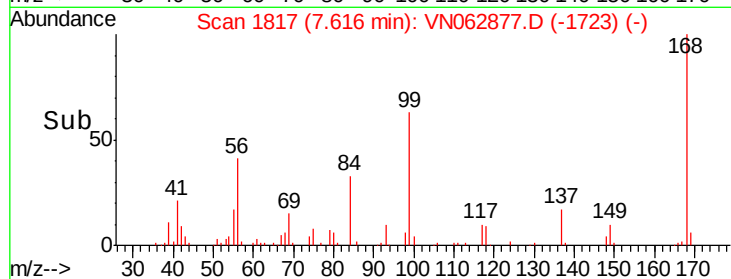
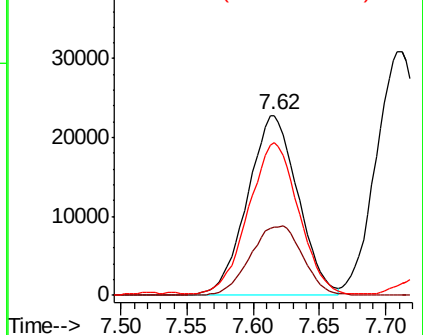
#31
Cyclohexane
Concen: 18.495 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

Tot Ion: 56 Resp: 60580
Ion Ratio Lower Upper
56 100
69 37.9 28.1 42.1
84 84.2 66.8 100.2

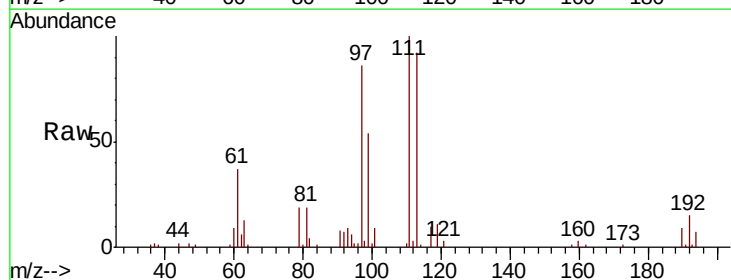


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

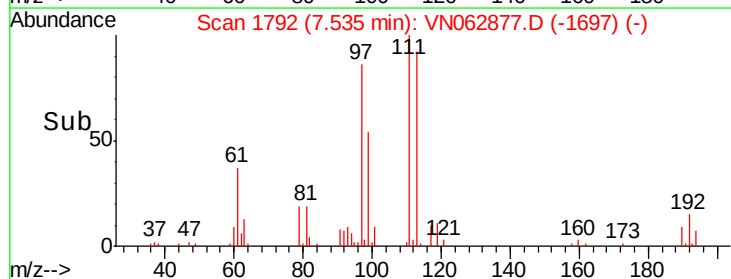
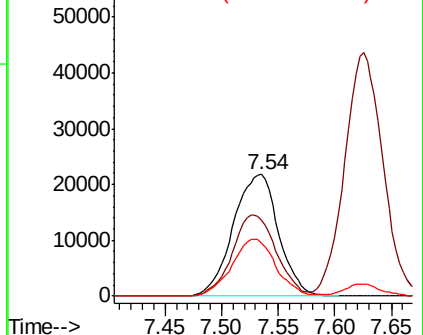


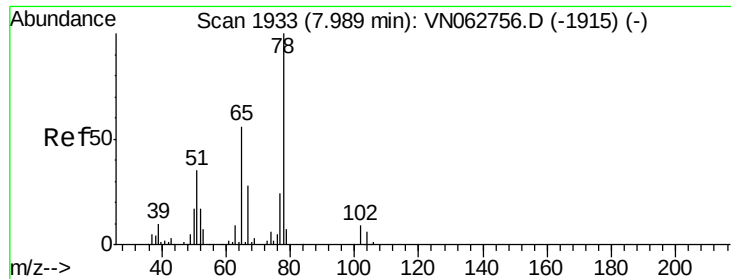
#32
1,1,1-Trichloroethane
Concen: 17.897 ug/l
RT: 7.54 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion: 97 Resp: 60678
Ion Ratio Lower Upper
97 100
99 64.7 50.0 75.0
61 45.2 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

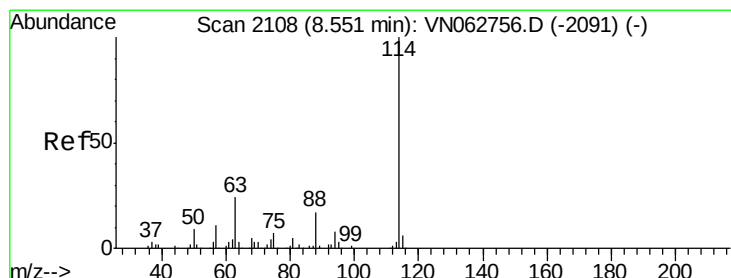
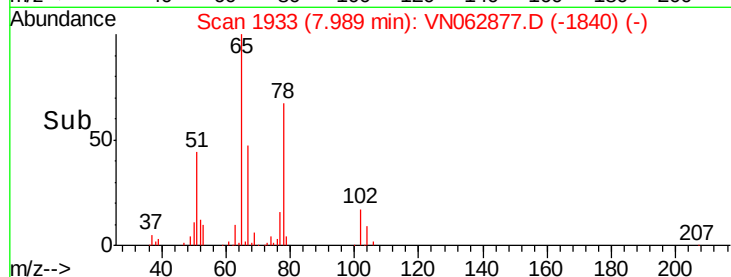
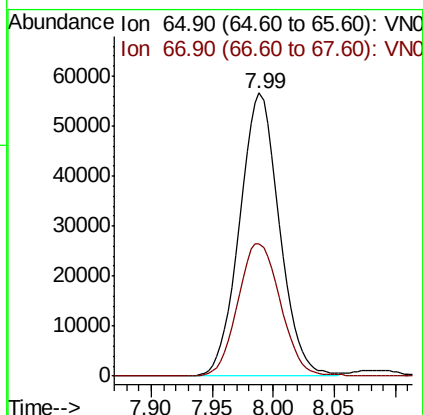
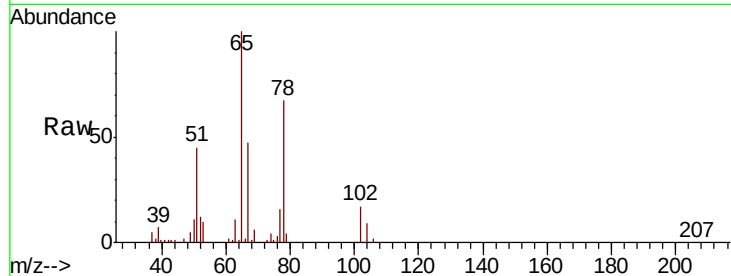




#33
 1,2-Dichloroethane-d4
 Concen: 47.287 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

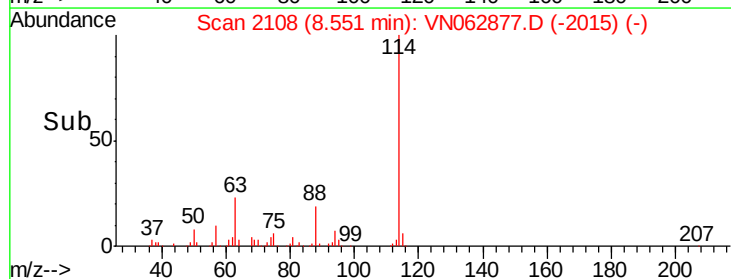
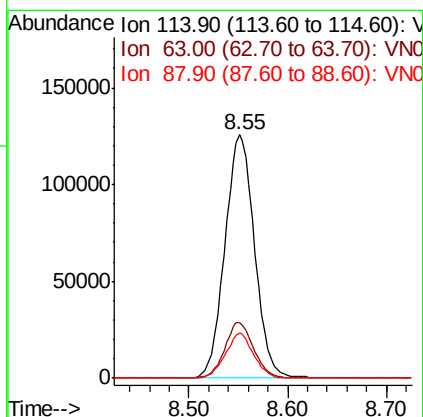
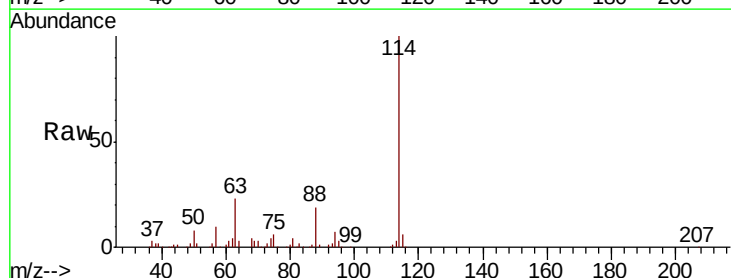
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD02

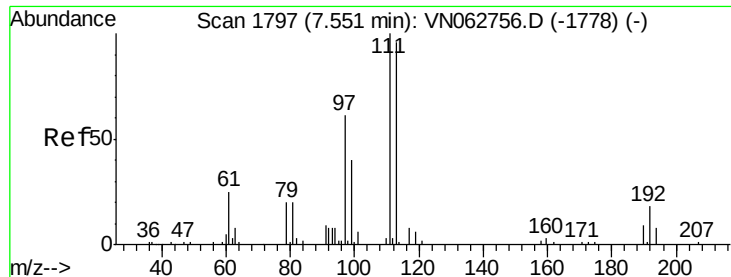
Tot Ion: 65 Resp: 127753
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

Tgt Ion: 114 Resp: 263370
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.6
 88 18.6 0.0 34.4

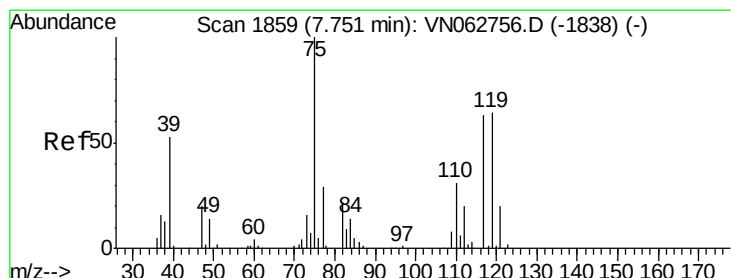
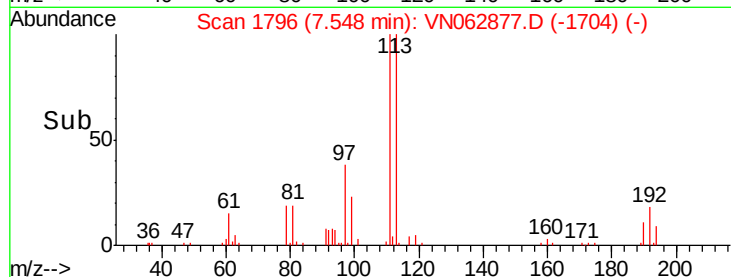
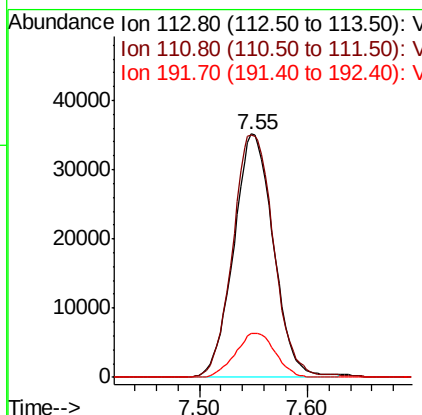
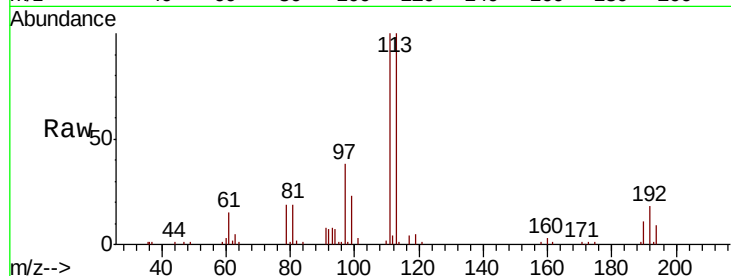




#35
 Dibromofluoromethane
 Concen: 50.011 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

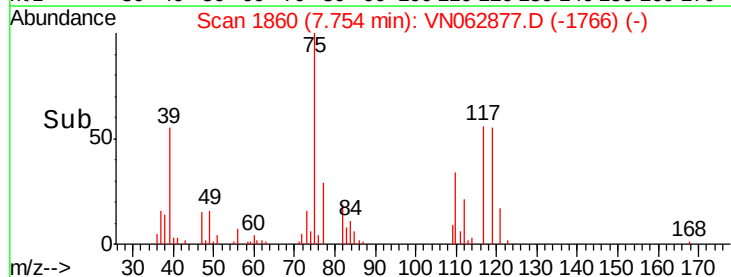
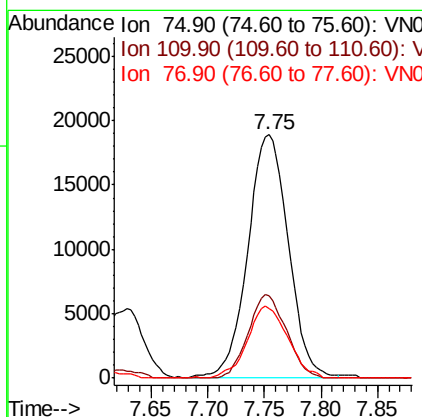
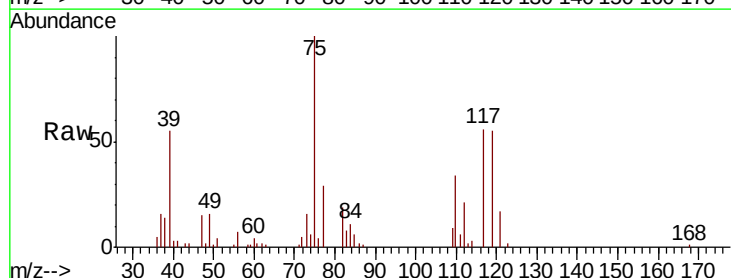
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD02

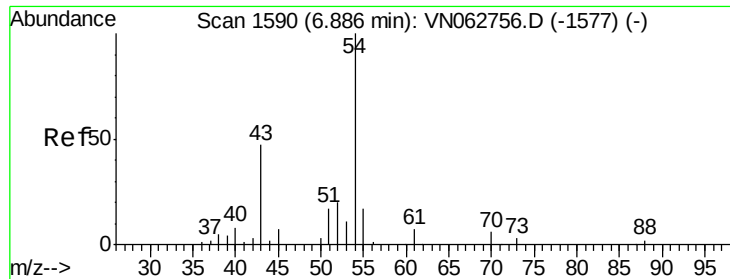
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	18.2	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 18.389 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.0	15.6	46.7
77	29.2	24.1	36.1

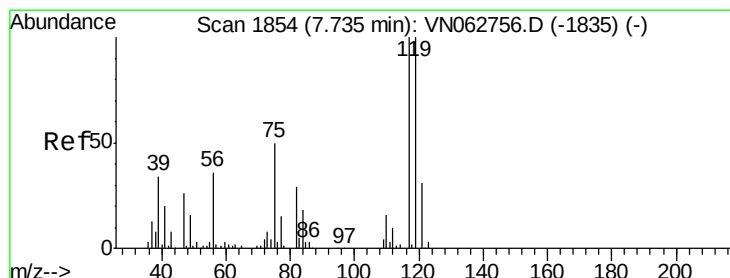
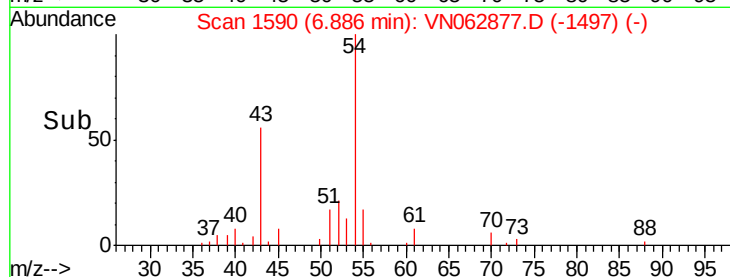
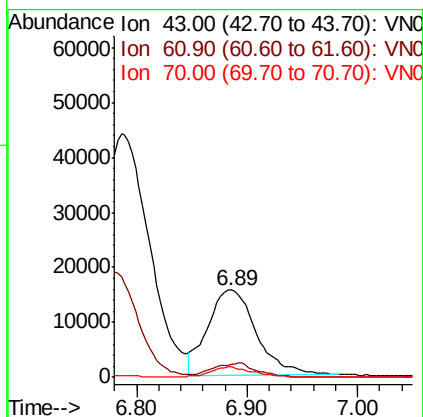
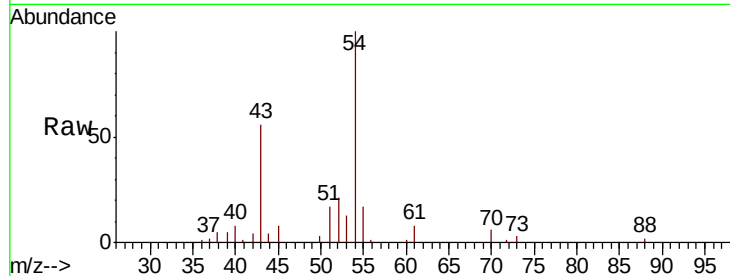




#37
Ethyl Acetate
Concen: 17.973 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

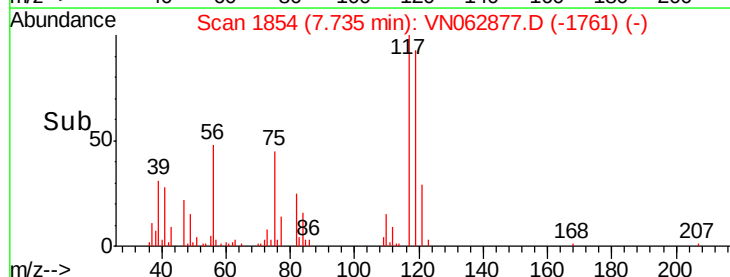
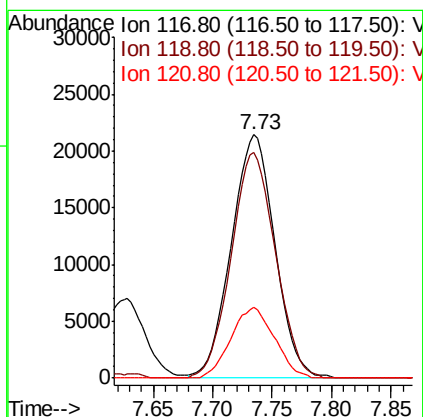
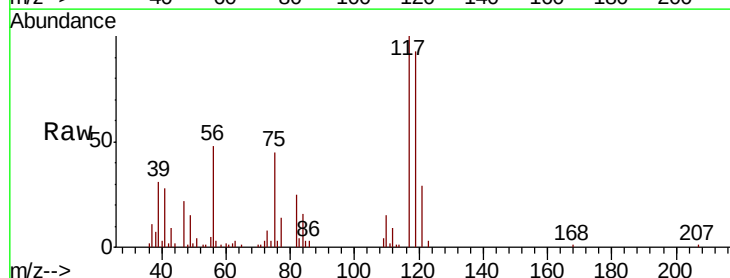
Instrument :
MSVOA_N
ClientSampled :
VN0812WBSD02

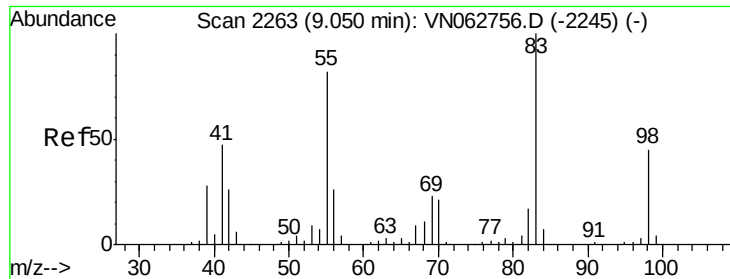
Tot Ion: 43 Resp: 48146
Ion Ratio Lower Upper
43 100
61 14.9 12.1 18.1
70 10.4 8.3 12.5



#38
Carbon Tetrachloride
Concen: 17.961 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion: 117 Resp: 54476
Ion Ratio Lower Upper
117 100
119 92.6 79.4 119.2
121 29.1 24.9 37.3

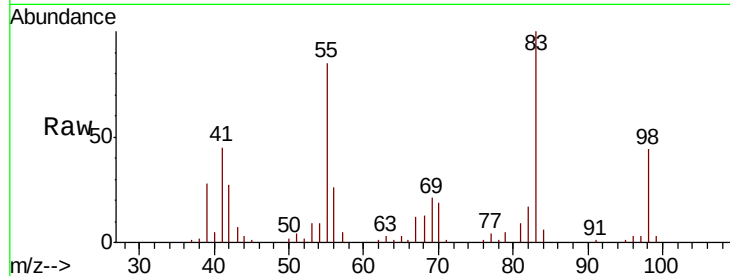




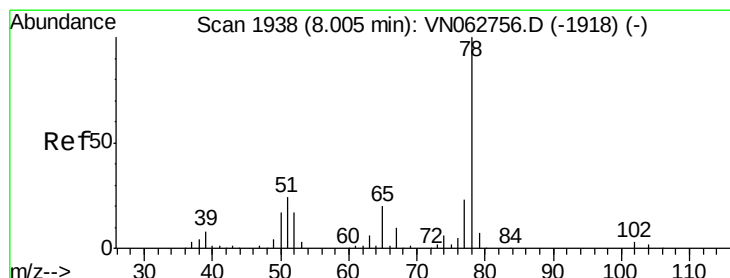
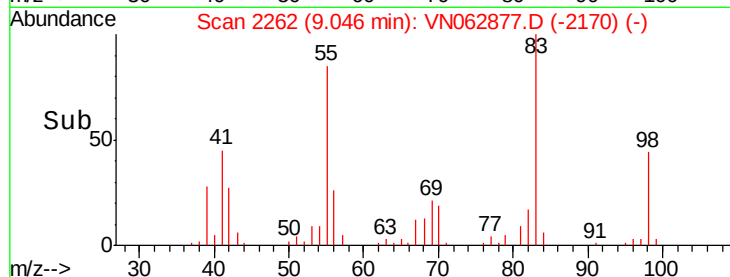
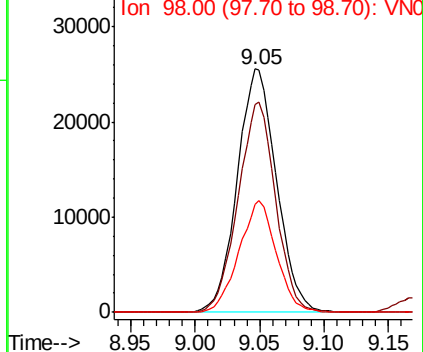
#39
Methylvlcyclohexane
Concen: 17.539 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

Tot Ion: 83 Resp: 54130
Ion Ratio Lower Upper
83 100
55 85.1 65.7 98.5
98 44.1 35.6 53.4

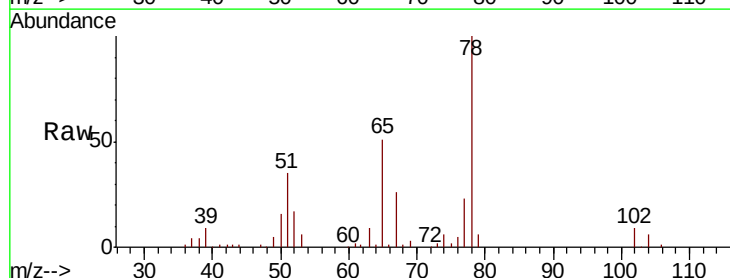


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

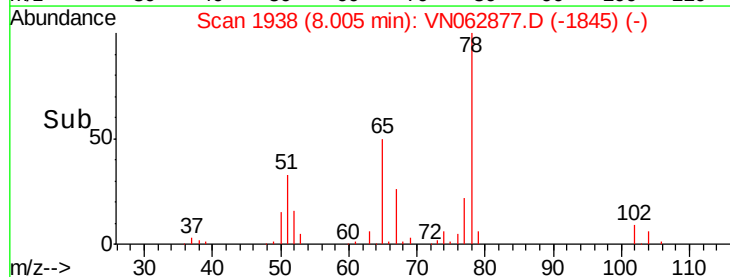
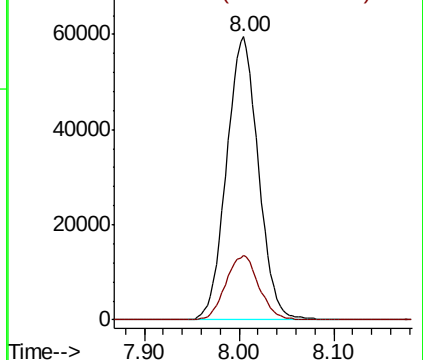


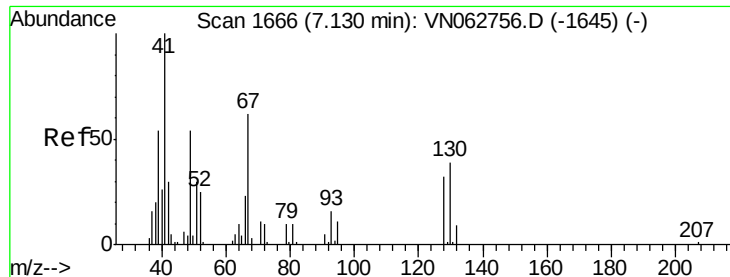
#40
Benzene
Concen: 18.196 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion: 78 Resp: 139242
Ion Ratio Lower Upper
78 100
77 22.6 18.1 27.1



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

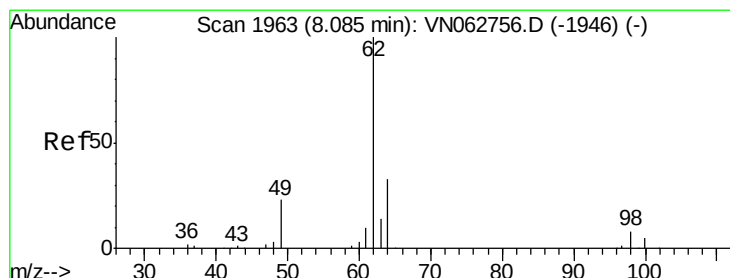
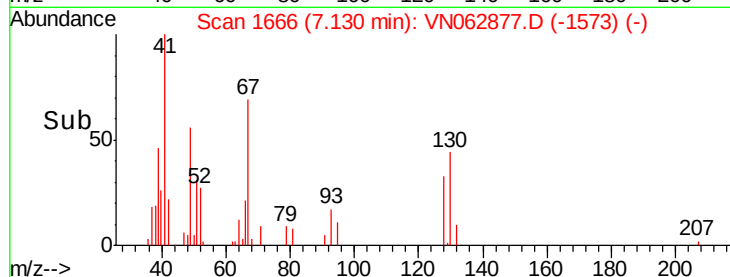
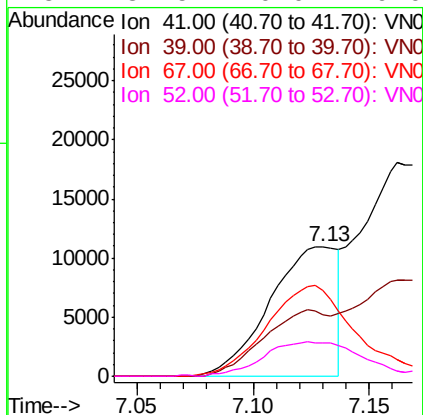
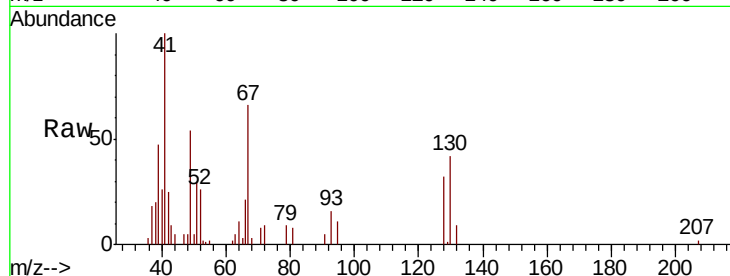




#41
Methacrylonitrile
Concen: 18.477 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

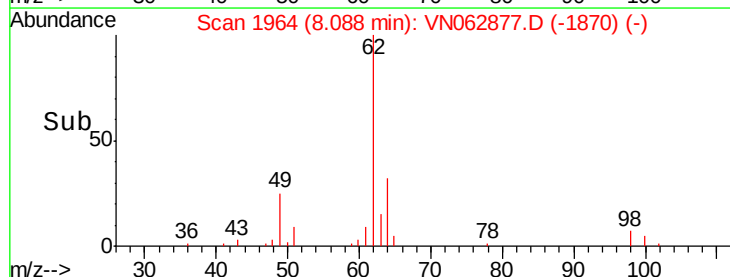
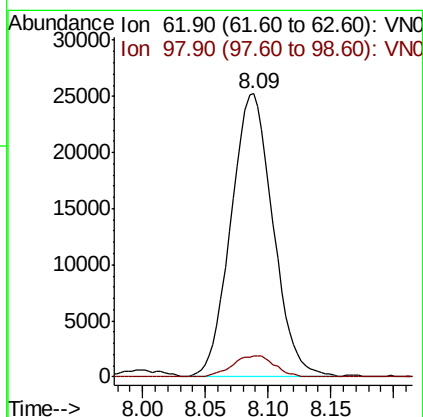
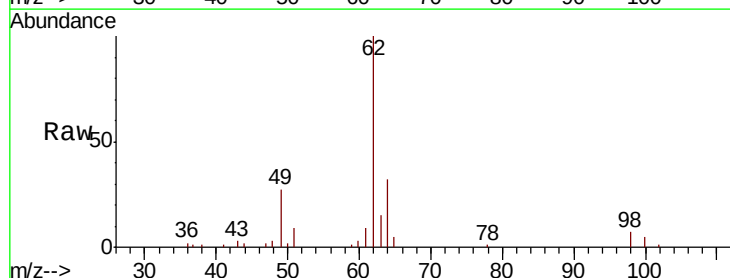
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

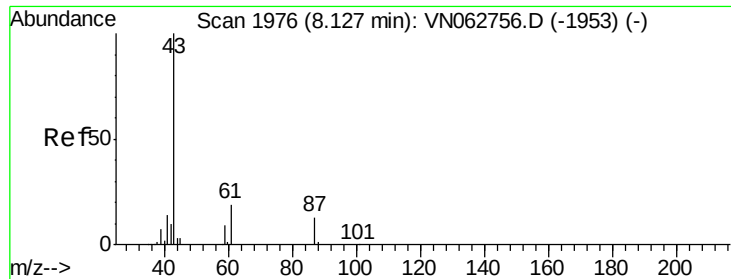
Tot Ion: 41 Resp: 22335
Ion Ratio Lower Upper
41 100
39 49.0 69.4 104.2#
67 92.0 0.0 0.0#
52 37.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 18.059 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion: 62 Resp: 58817
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.8





#43

Isopropyl Acetate

Concen: 17.947 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD02

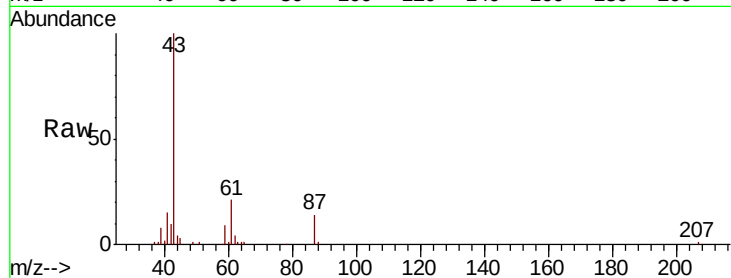
Tot Ion: 43 Resp: 80189

Ion Ratio Lower Upper

43 100

61 27.3 15.8 23.6#

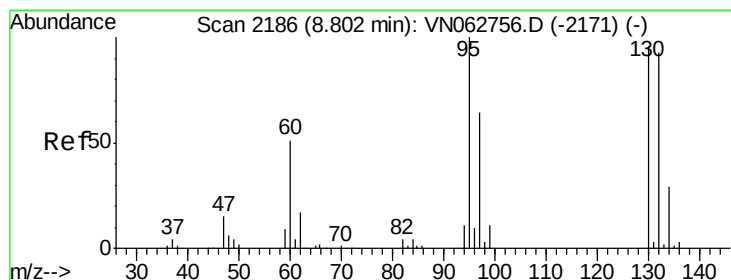
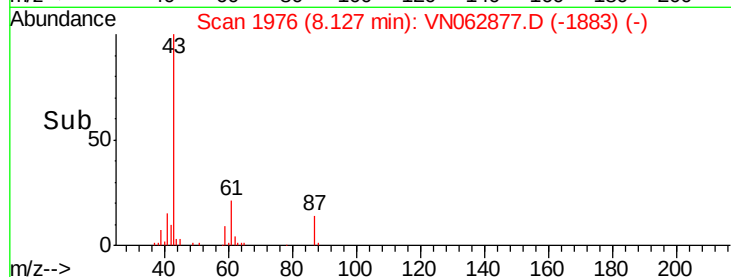
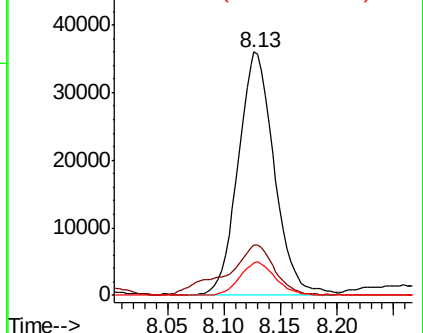
87 13.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062877.D (-2093) (-)

Ion 61.00 (60.70 to 61.70): VN062877.D (-2093) (-)

Ion 87.00 (86.70 to 87.70): VN062877.D (-2093) (-)



#44

Trichloroethene

Concen: 18.572 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062877.D

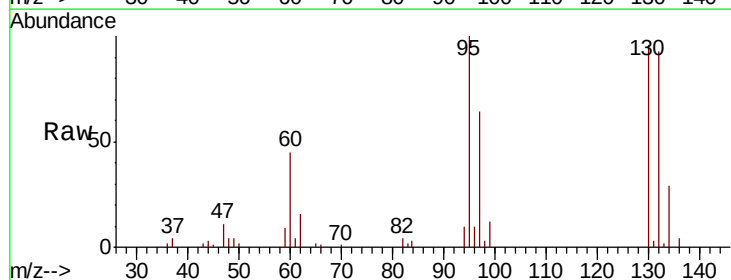
Acq: 13 Aug 2020 00:17

Tgt Ion:130 Resp: 34626

Ion Ratio Lower Upper

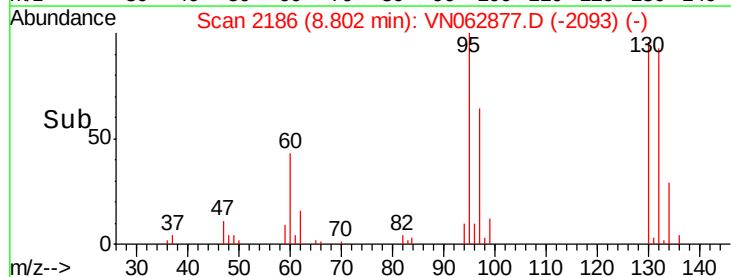
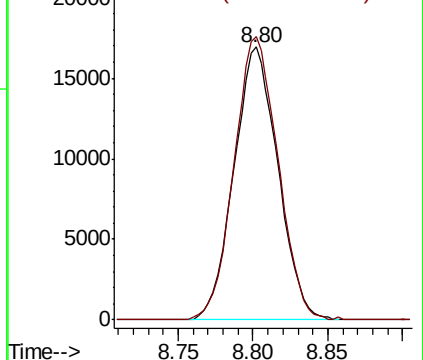
130 100

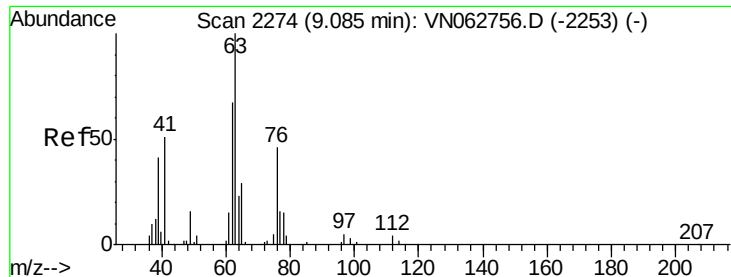
95 103.7 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062877.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062877.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 19.381 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

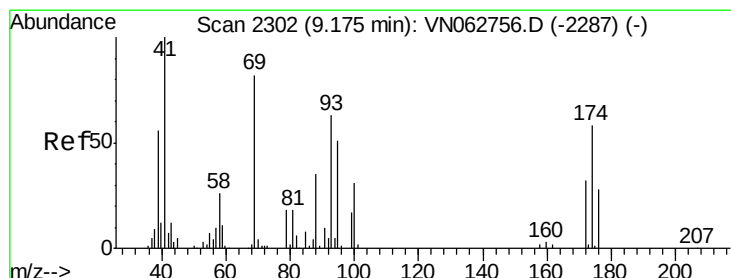
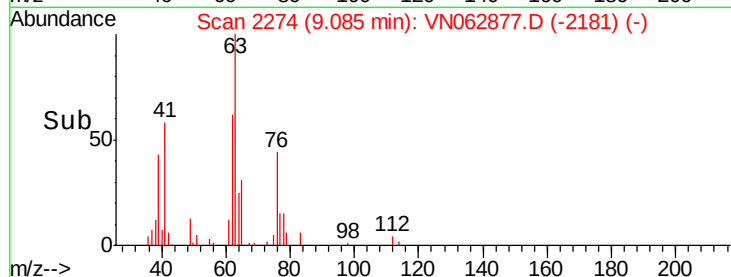
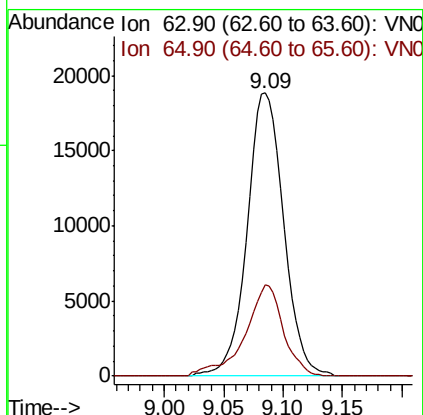
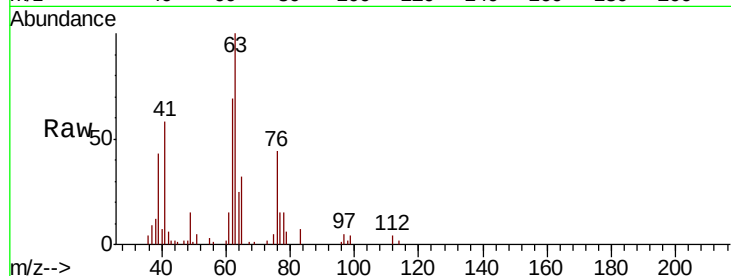
VN0812WBSD02

Tot Ion: 63 Resp: 40141

Ion Ratio Lower Upper

63 100

65 32.3 23.5 35.3



#46

Dibromomethane

Concen: 19.339 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

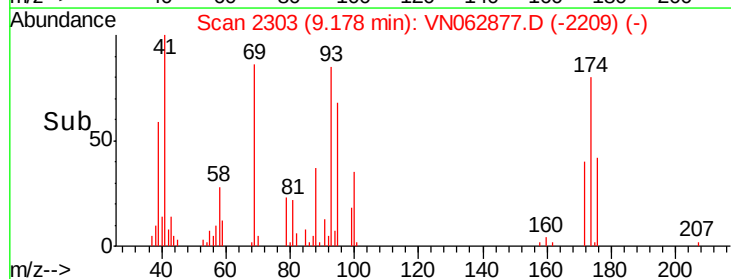
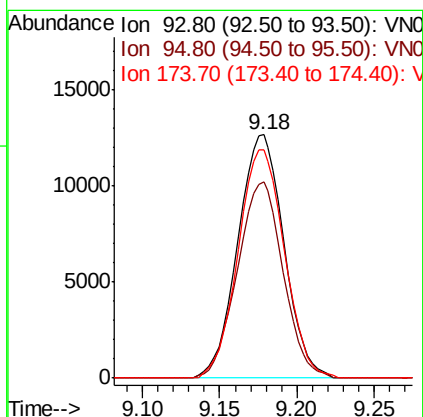
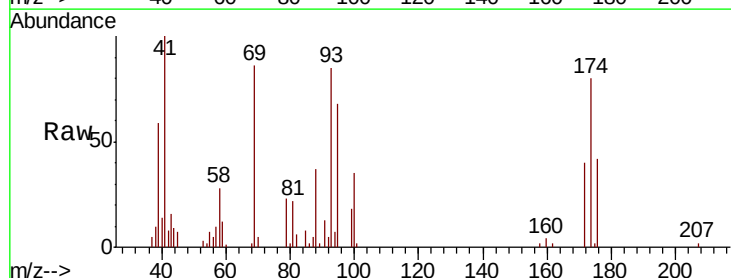
Tgt Ion: 93 Resp: 26244

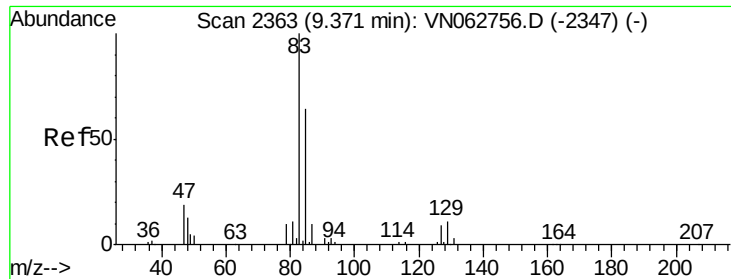
Ion Ratio Lower Upper

93 100

95 80.0 65.1 97.7

174 94.5 73.9 110.9





#47

Bromodichloromethane

Concen: 19.422 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD02

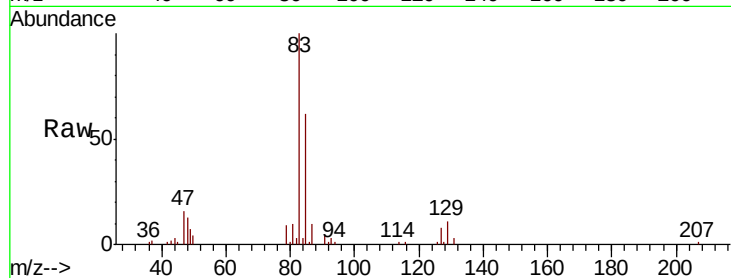
Tot Ion: 83 Resp: 59196

Ion Ratio Lower Upper

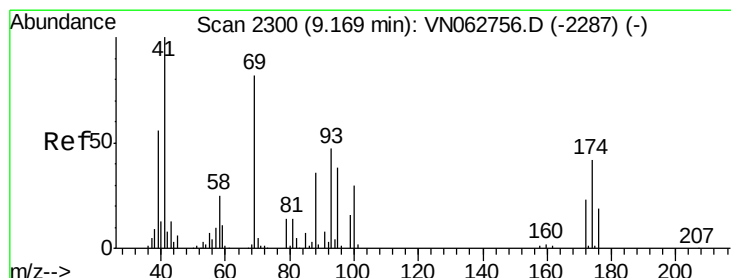
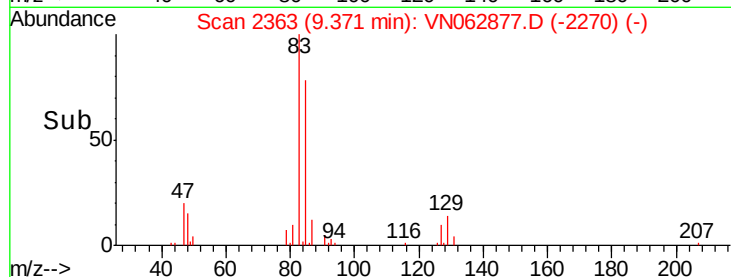
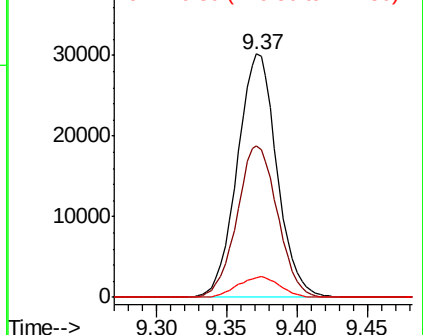
83 100

85 62.1 51.4 77.0

127 8.1 6.9 10.3



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



#48

Methyl methacrylate

Concen: 17.145 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

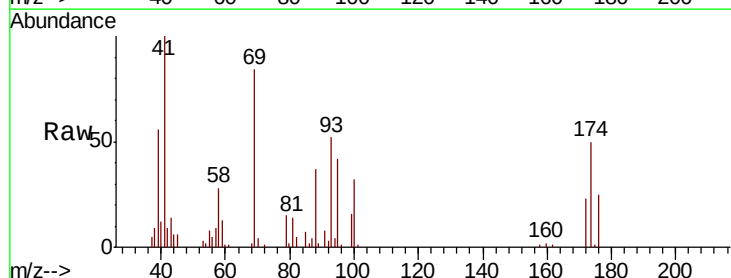
Tgt Ion: 41 Resp: 37681

Ion Ratio Lower Upper

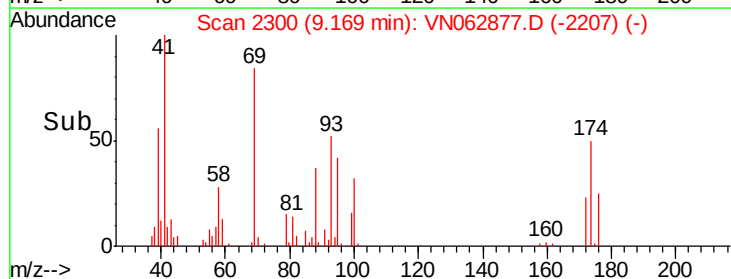
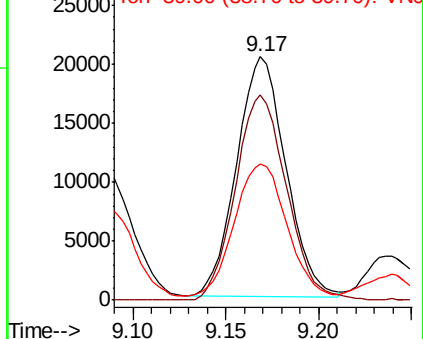
41 100

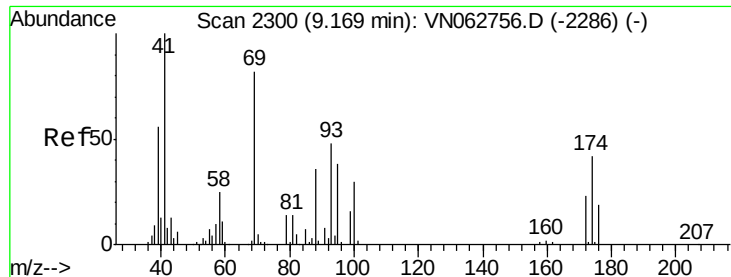
69 88.5 67.4 101.2

39 62.2 47.6 71.4



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

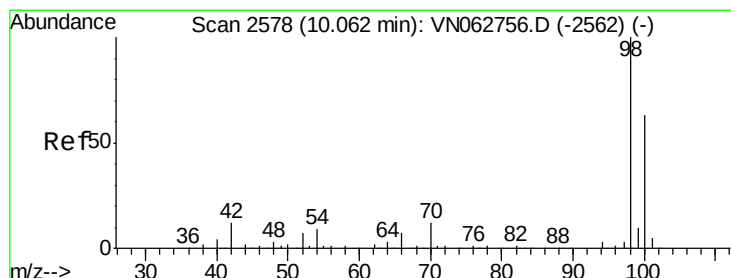
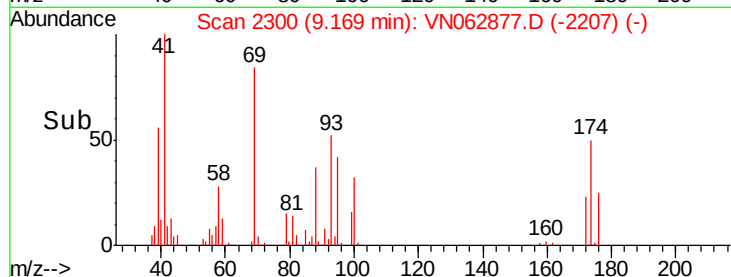
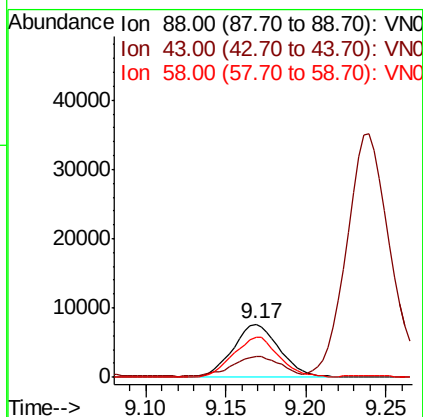
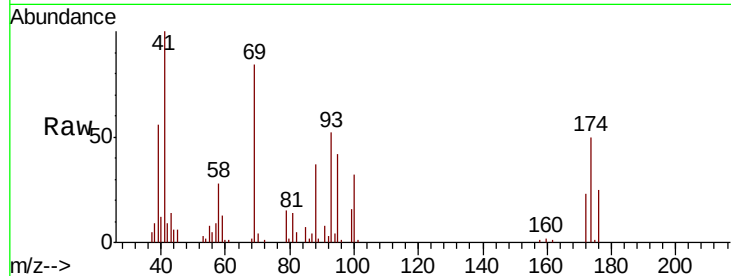




#49
1,4-Dioxane
Concen: 371.116 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

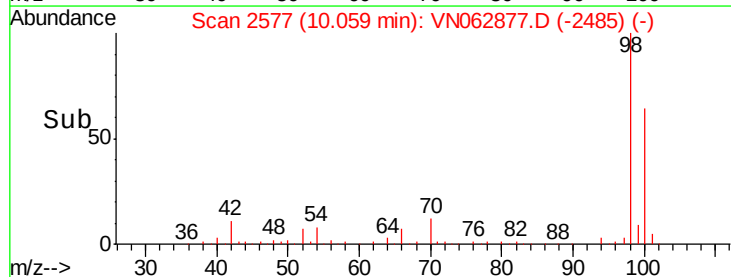
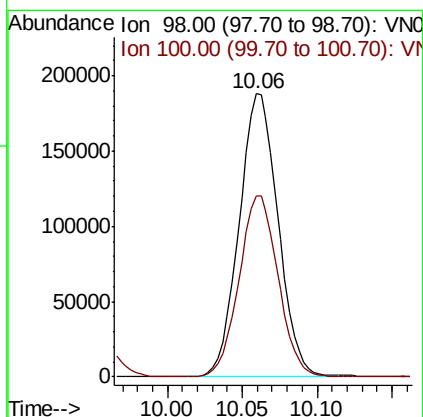
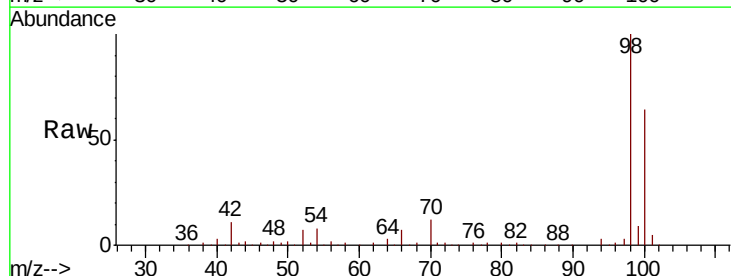
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

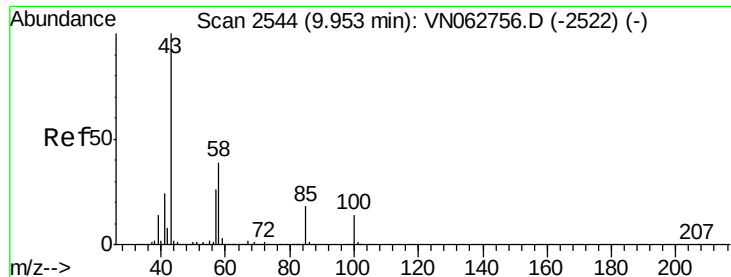
Tot Ion: 88 Resp: 15113
Ion Ratio Lower Upper
88 100
43 38.6 29.5 44.3
58 75.0 59.8 89.8



#50
Toluene-d8
Concen: 48.469 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion: 98 Resp: 340909
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 94.635 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

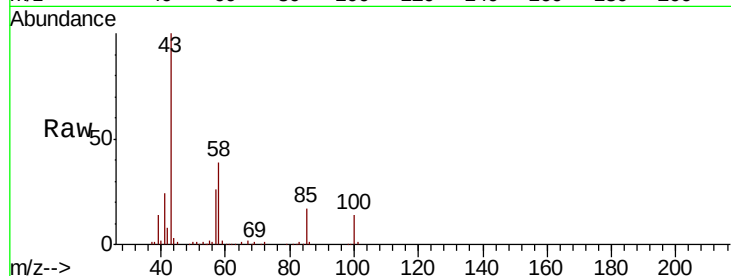
VN0812WBSD02

Tot Ion: 43 Resp: 273590

Ion Ratio Lower Upper

43 100

58 39.2 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

150000

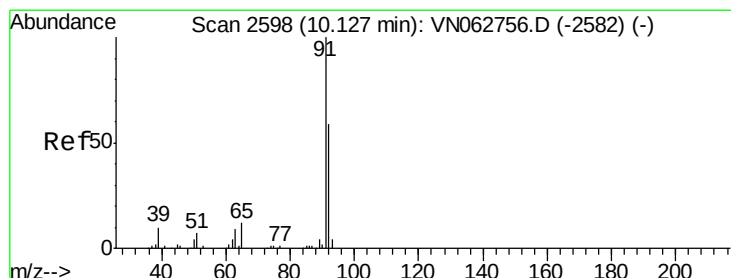
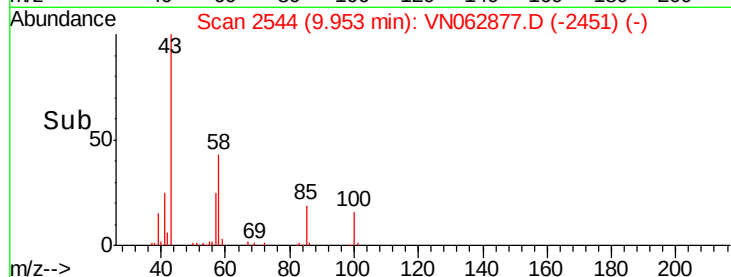
9.95

100000

50000

0

Time-->



#52

Toluene

Concen: 18.562 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062877.D

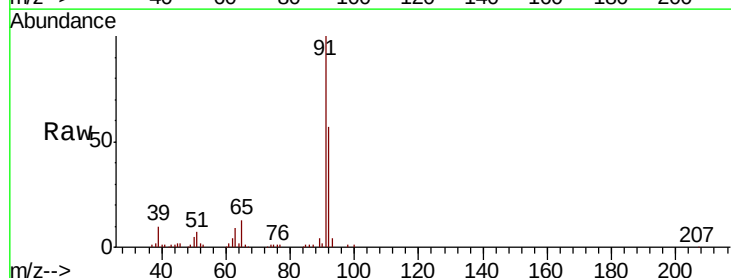
Acq: 13 Aug 2020 00:17

Tgt Ion: 92 Resp: 87703

Ion Ratio Lower Upper

92 100

91 176.6 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

100000

10.13

80000

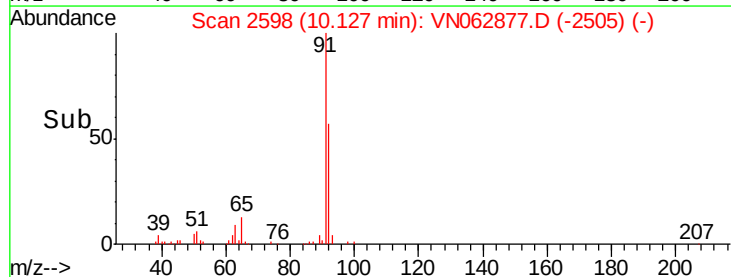
60000

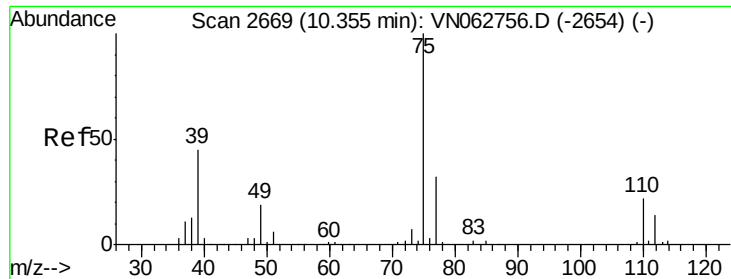
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.232 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

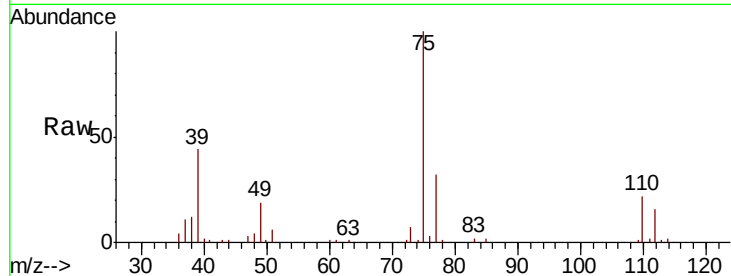
VN0812WBSD02

Tot Ion: 75 Resp: 57770

Ion Ratio Lower Upper

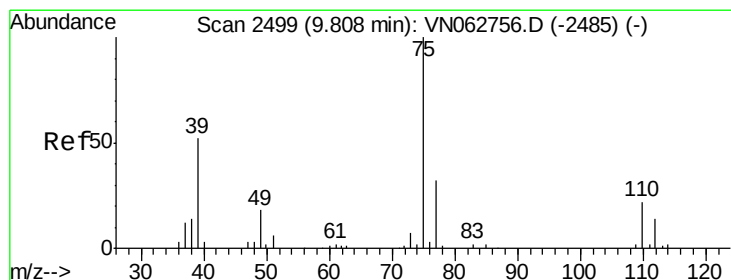
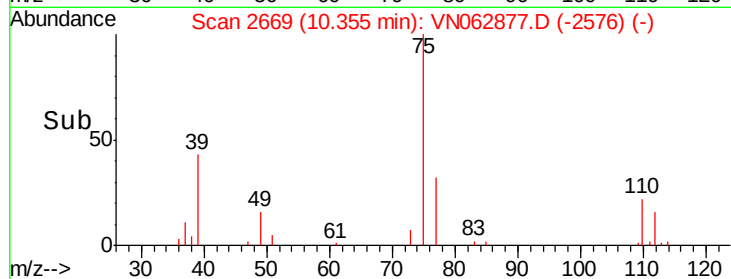
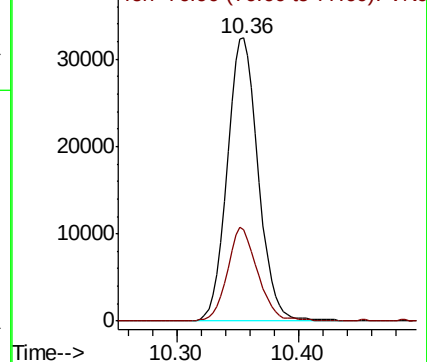
75 100

77 32.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.107 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

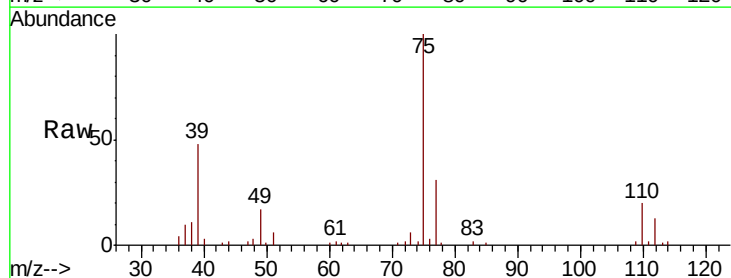
Tgt Ion: 75 Resp: 60949

Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3

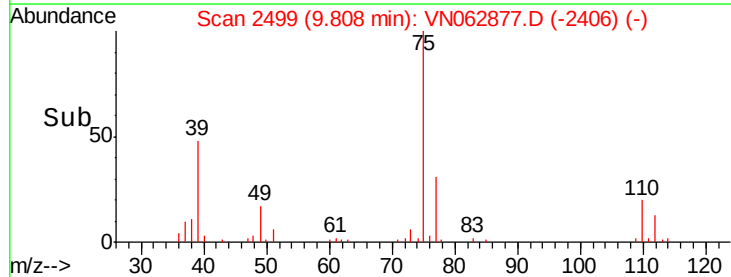
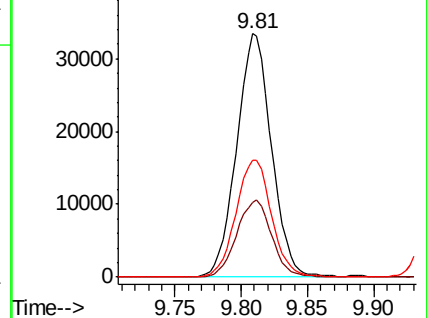
39 48.2 41.9 62.9

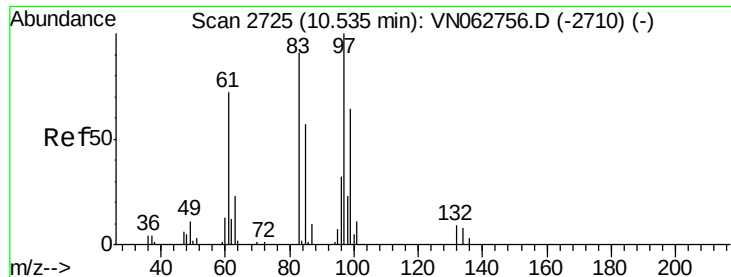


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.021 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD02

Tot Ion: 97 Resp: 40400

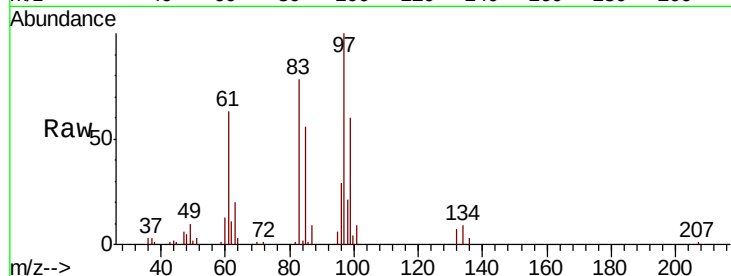
Ion Ratio Lower Upper

97 100

83 78.0 72.6 108.8

85 55.5 46.0 69.0

99 60.4 51.1 76.7

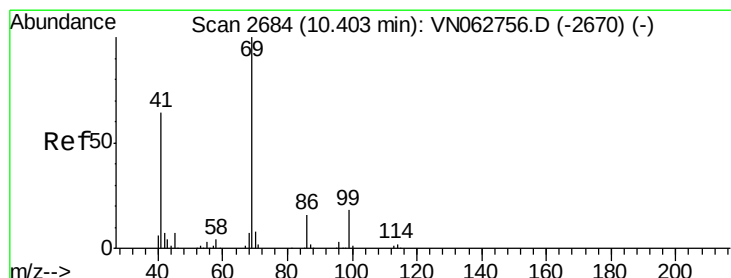
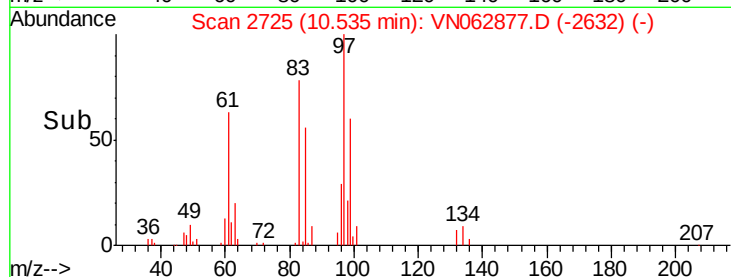
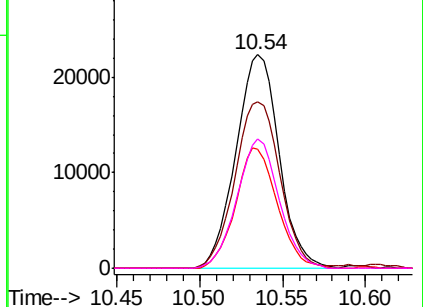


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 18.194 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

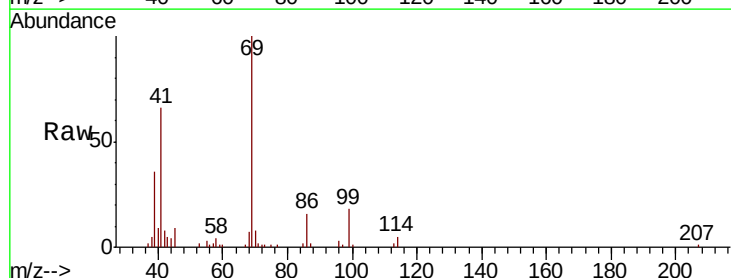
Tgt Ion: 69 Resp: 55263

Ion Ratio Lower Upper

69 100

41 67.1 52.2 78.2

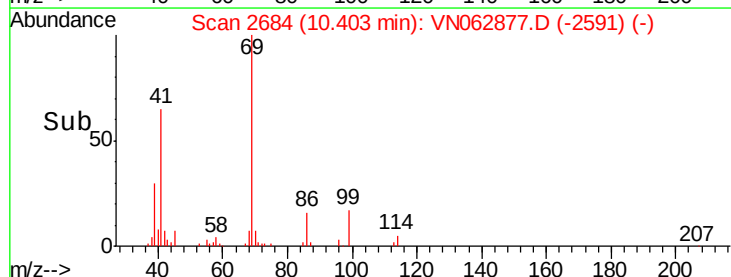
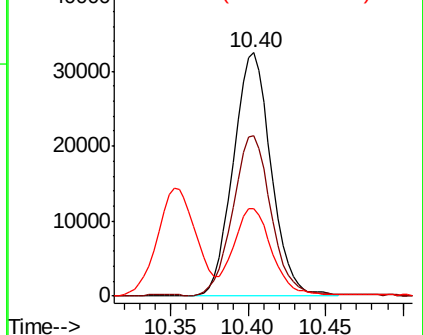
39 36.5 30.9 46.3

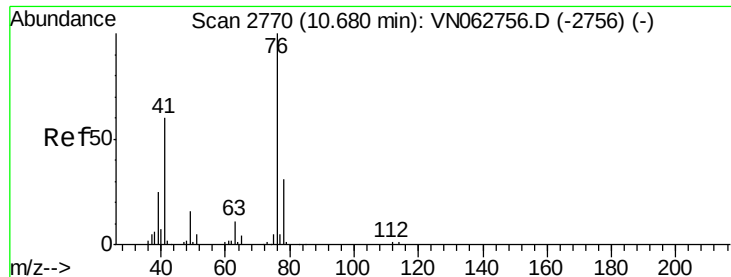


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.652 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

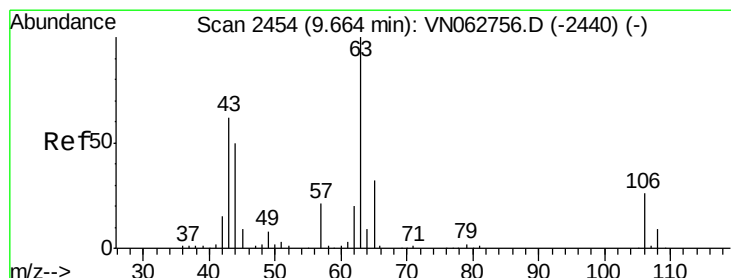
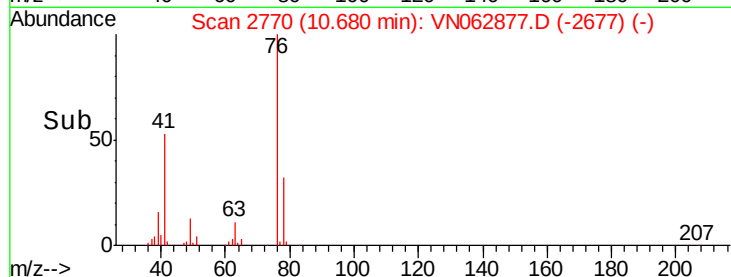
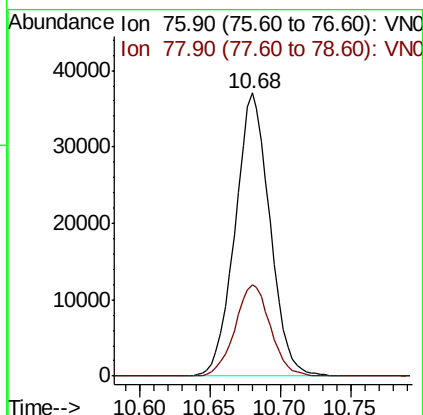
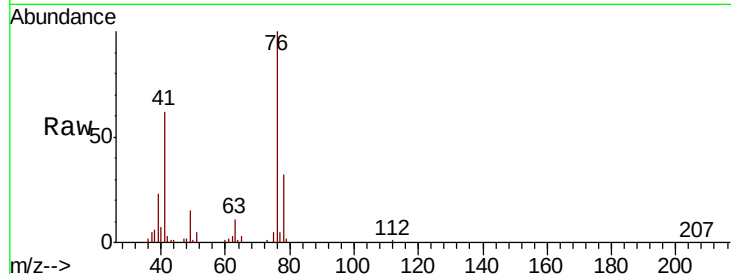
VN0812WBSD02

Tot Ion: 76 Resp: 63953

Ion Ratio Lower Upper

76 100

78 32.8 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 76.781 ug/l

RT: 9.67 min Scan# 2455

Delta R.T. 0.00 min

Lab File: VN062877.D

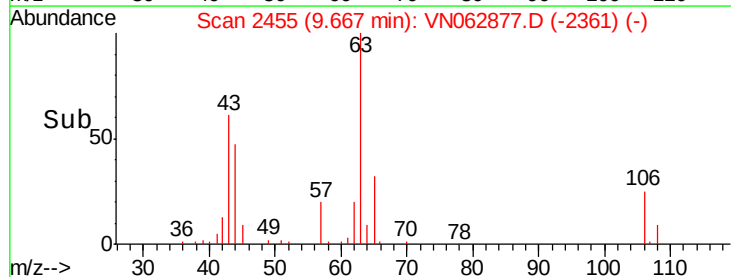
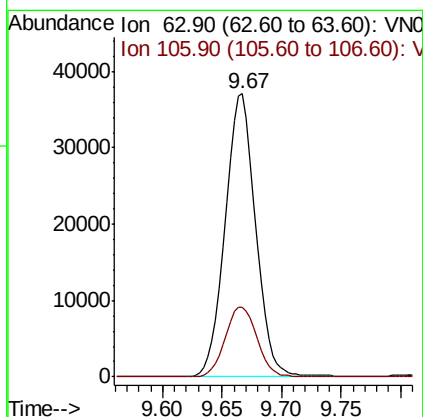
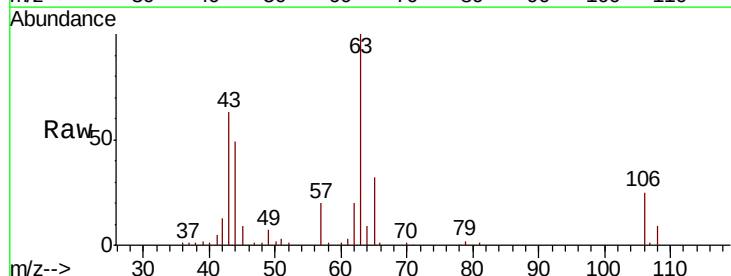
Acq: 13 Aug 2020 00:17

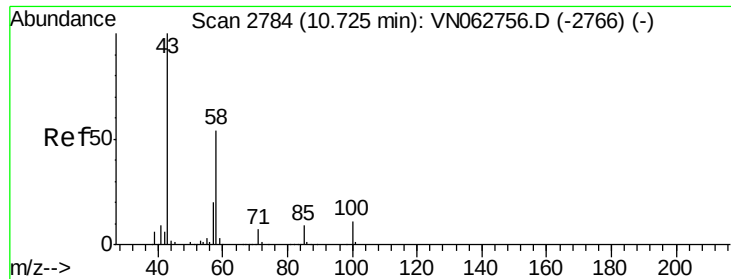
Tgt Ion: 63 Resp: 65921

Ion Ratio Lower Upper

63 100

106 25.6 20.9 31.3

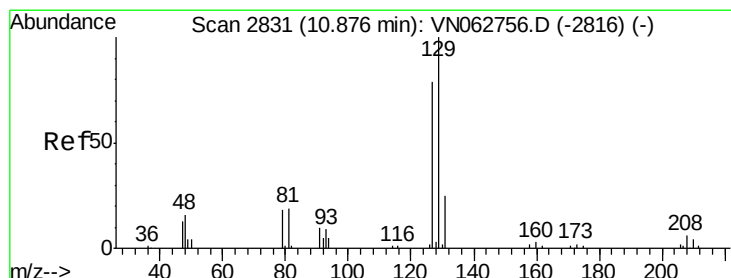
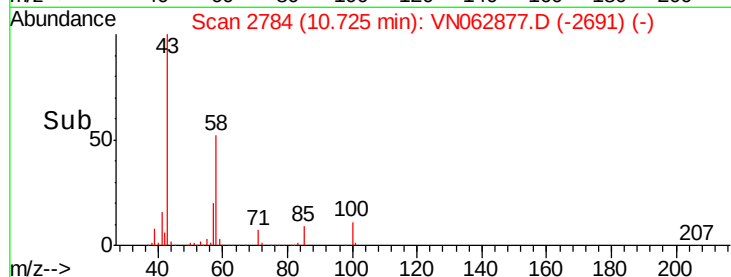
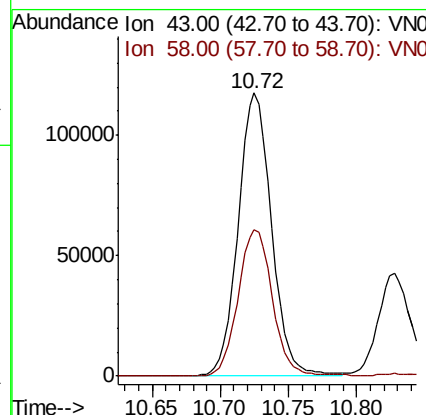
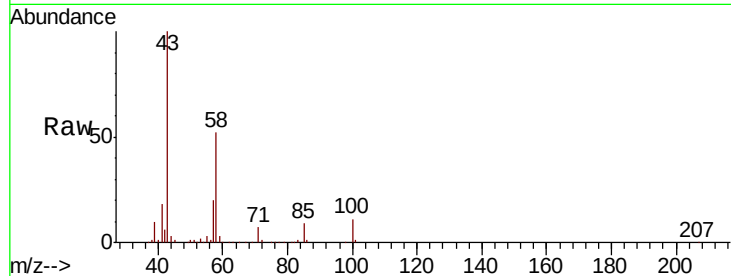




#59
2-Hexanone
Concen: 91.966 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

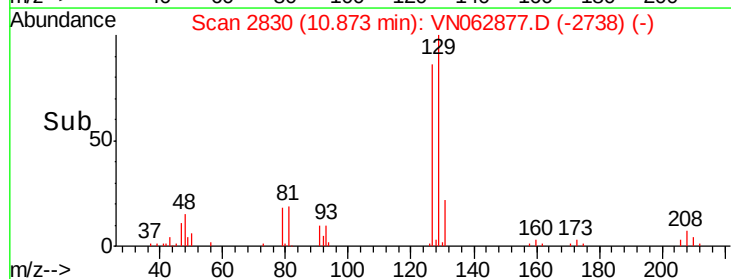
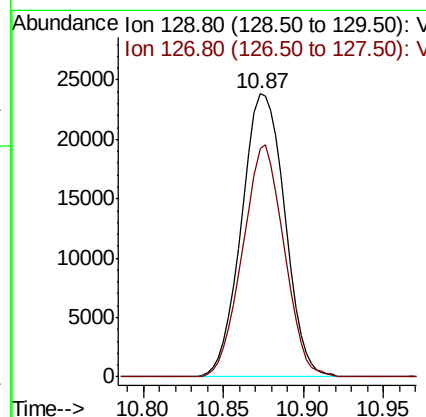
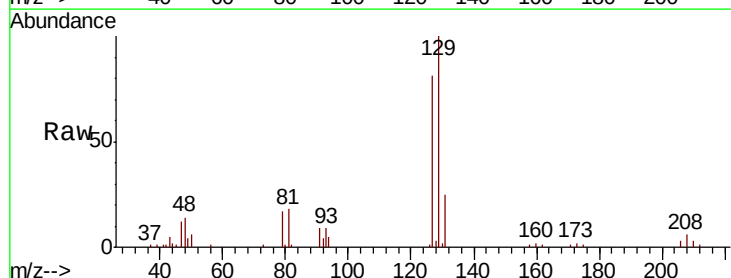
Instrument :
MSVOA_N
ClientSampled :
VN0812WBSD02

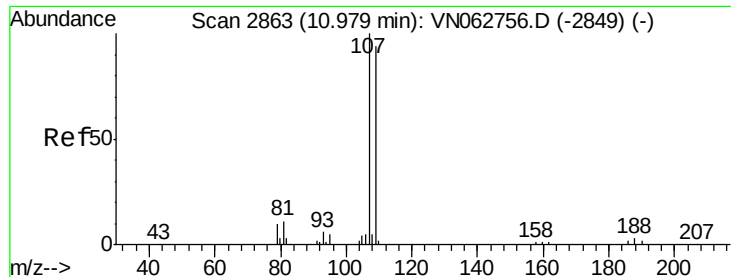
Tot Ion: 43 Resp: 198325
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.1



#60
Dibromochloromethane
Concen: 19.140 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion: 129 Resp: 44075
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2

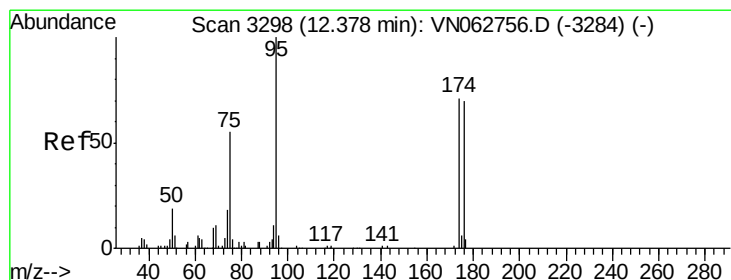
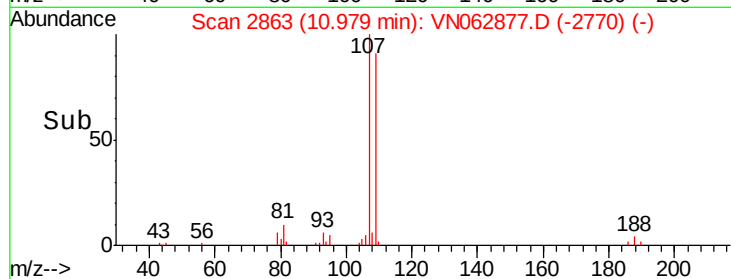
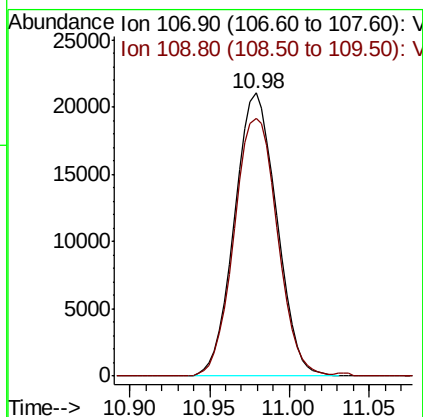
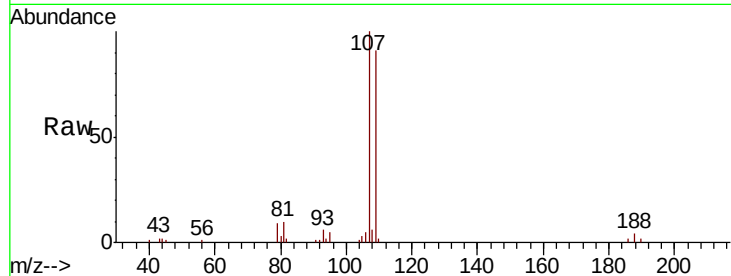




#61
 1,2-Dibromoethane
 Concen: 19.001 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

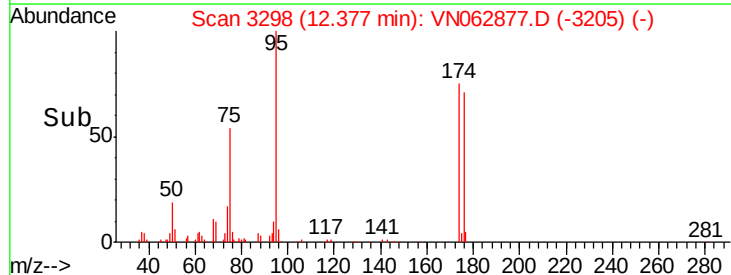
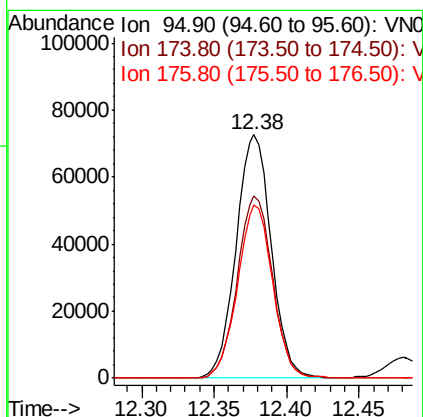
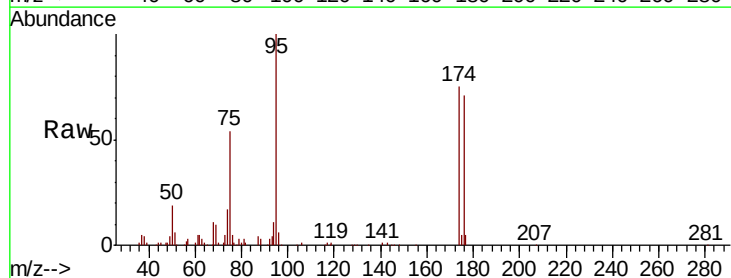
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD02

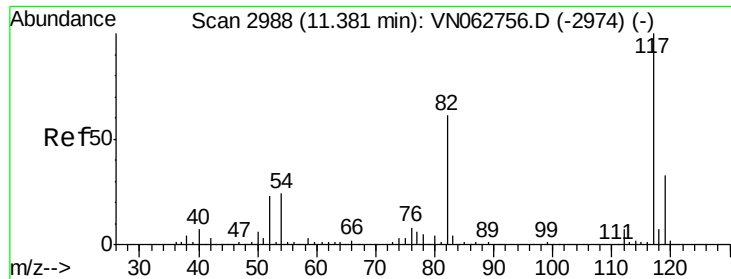
Tot Ion:107 Resp: 37834
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 46.000 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

Tgt Ion: 95 Resp: 122267
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 144.8
 176 71.1 0.0 142.2

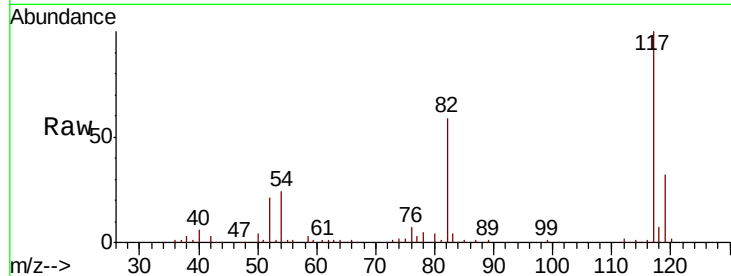




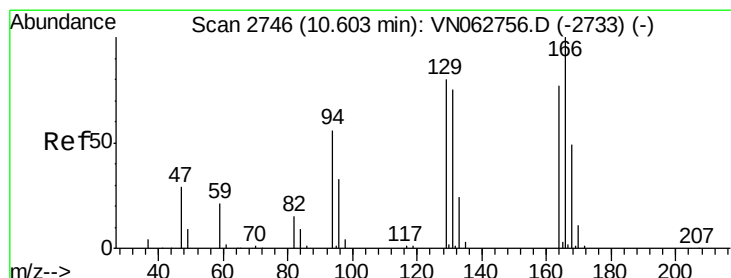
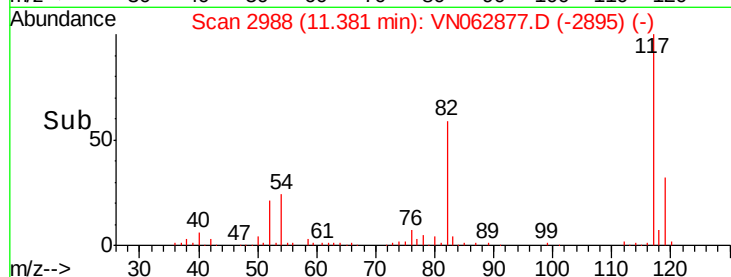
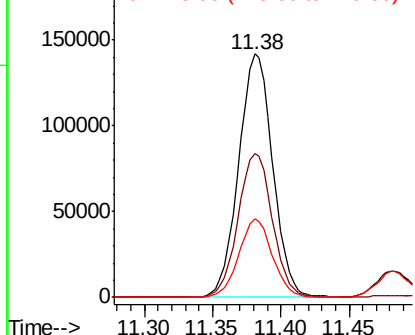
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

Tot Ion:117 Resp: 246306
Ion Ratio Lower Upper
117 100
82 59.0 49.0 73.4
119 32.0 26.2 39.2

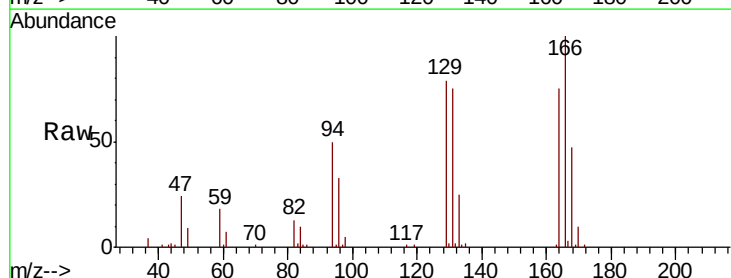


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

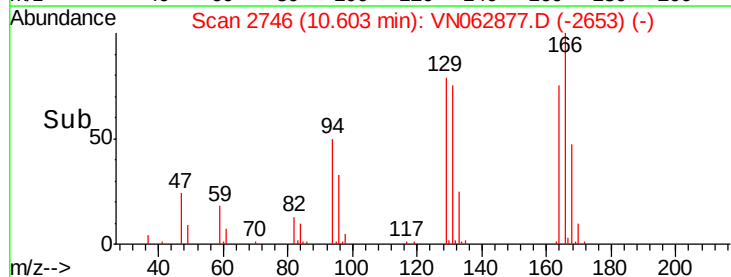
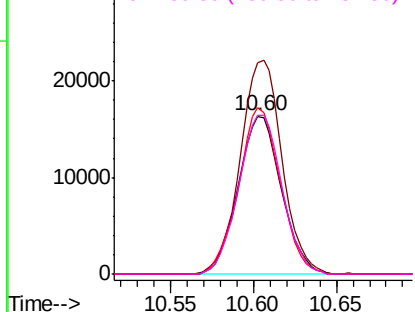


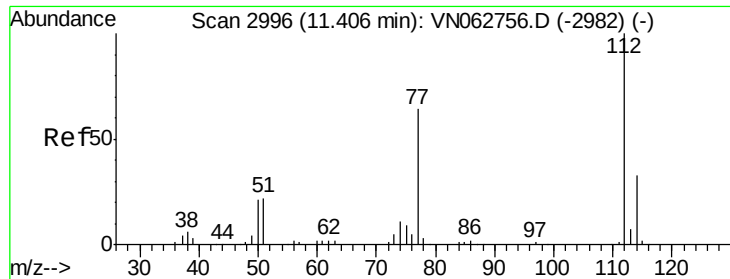
#64
Tetrachloroethene
Concen: 18.640 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion:164 Resp: 29622
Ion Ratio Lower Upper
164 100
166 133.8 103.8 155.8
129 105.2 82.7 124.1
131 100.6 78.2 117.2



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

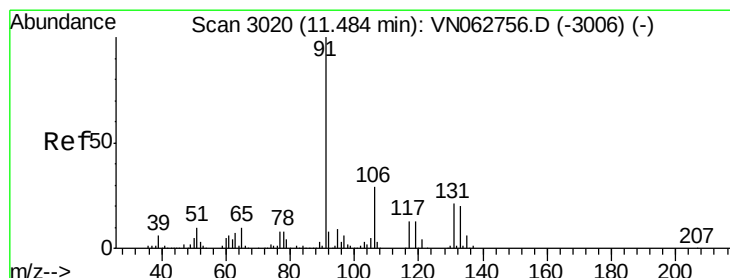
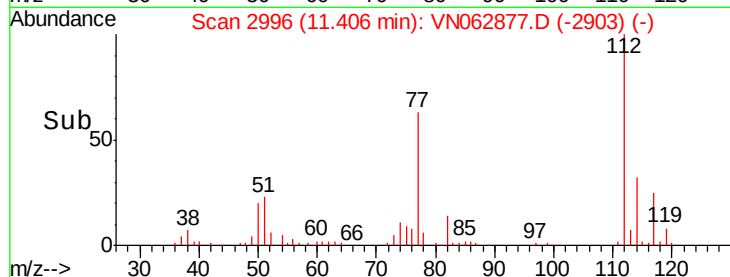
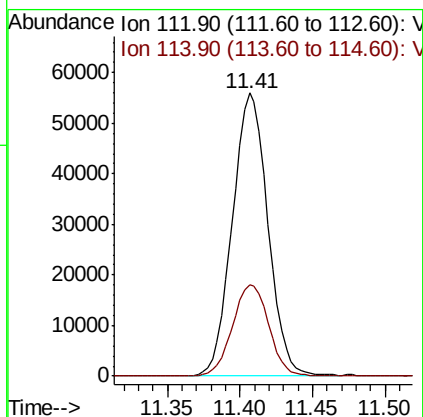
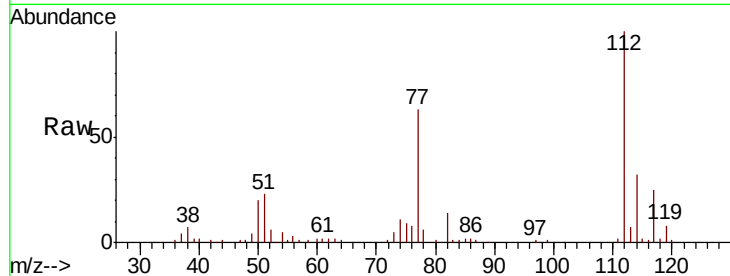




#65
Chlorobenzene
Concen: 18.517 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

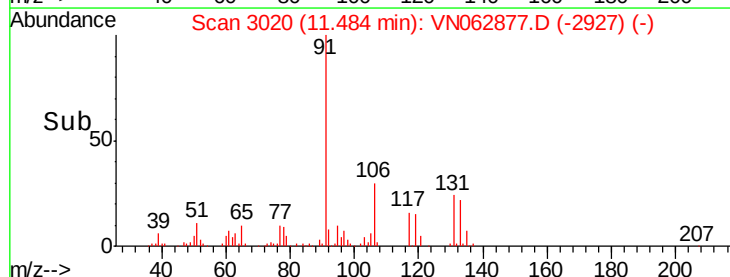
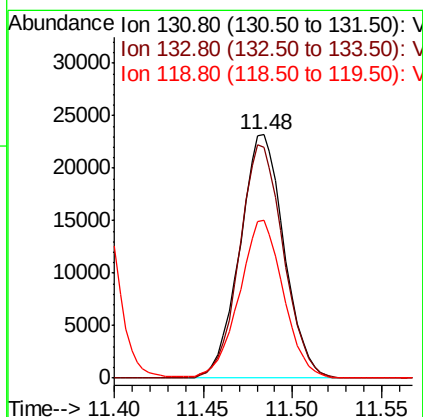
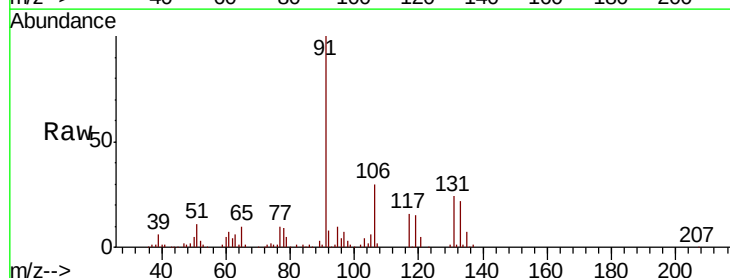
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

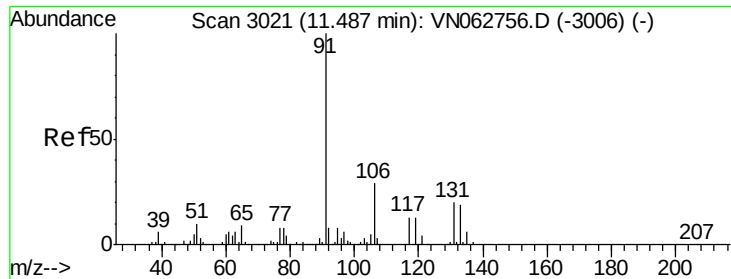
Tot Ion:112 Resp: 95339
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.374 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion:131 Resp: 40057
Ion Ratio Lower Upper
131 100
133 95.1 48.6 145.8
119 64.7 32.2 96.6

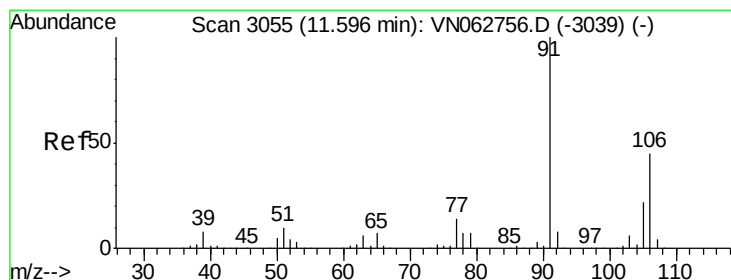
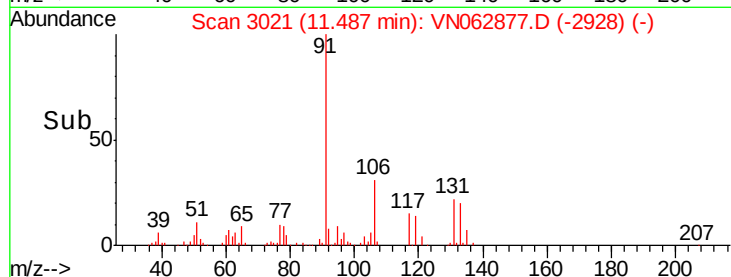
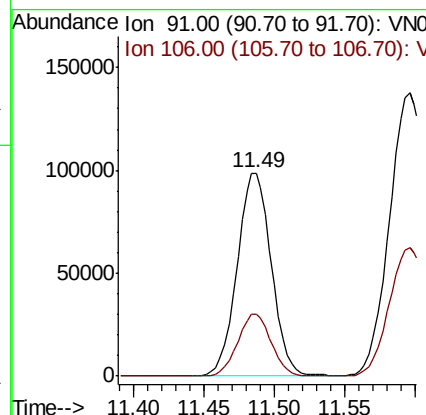
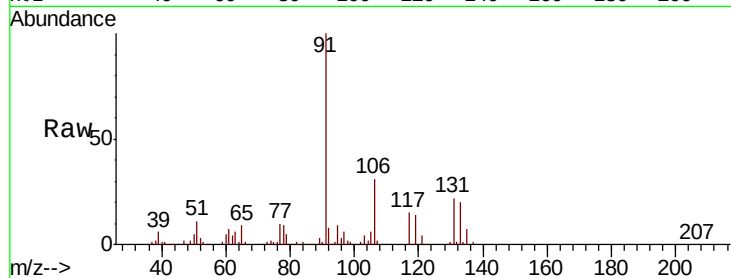




#67
Ethyl Benzene
Concen: 18.179 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

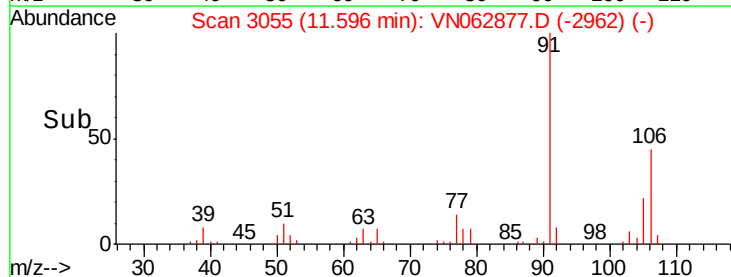
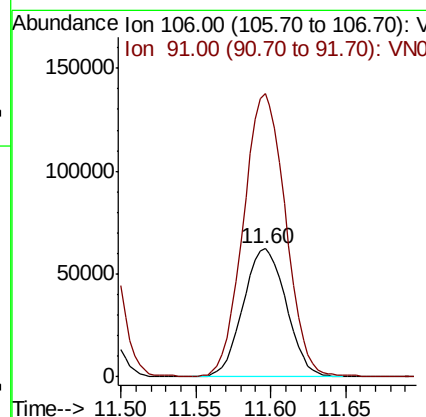
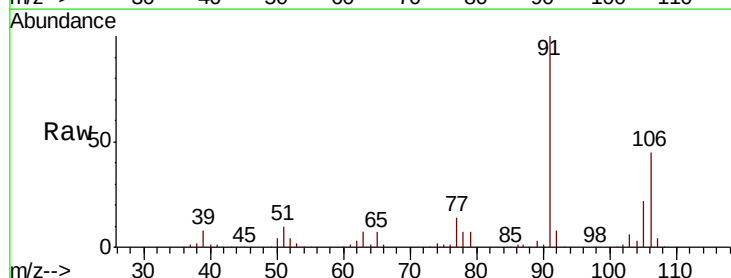
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

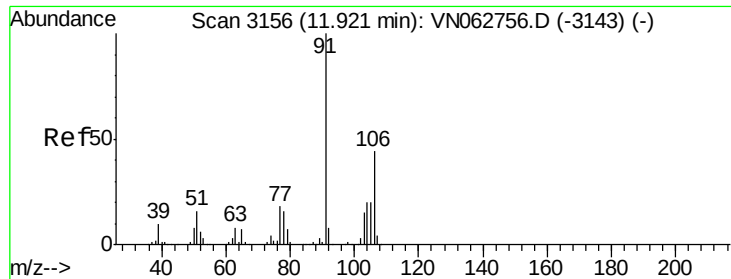
Tot Ion: 91 Resp: 167498
Ion Ratio Lower Upper
91 100
106 30.6 23.2 34.8



#68
m/p-Xylenes
Concen: 37.379 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion: 106 Resp: 125017
Ion Ratio Lower Upper
106 100
91 216.2 175.9 263.9

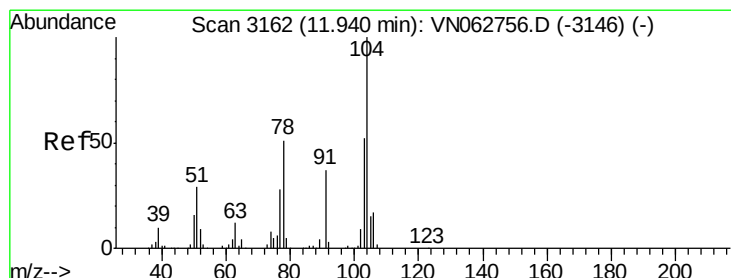
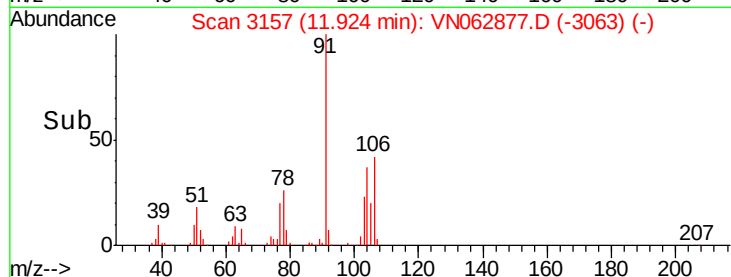
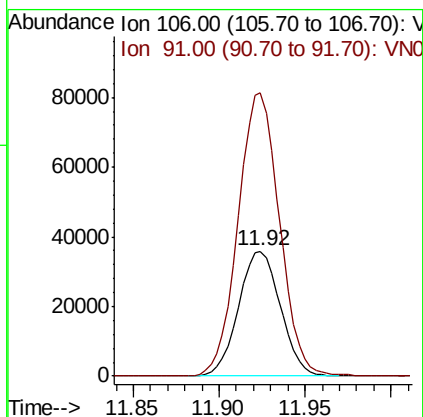
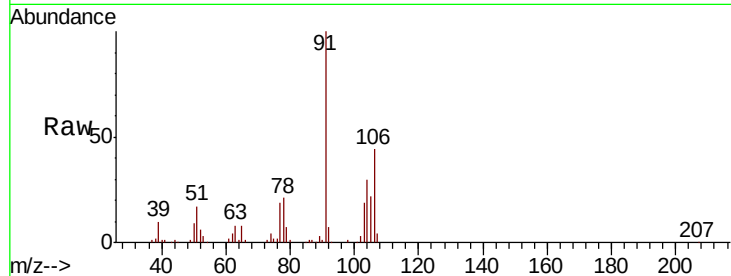




#69
o-Xylene
Concen: 19.440 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

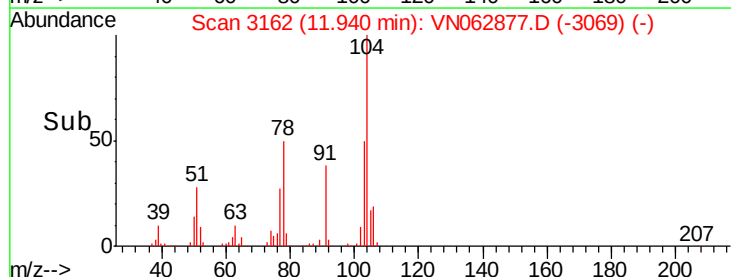
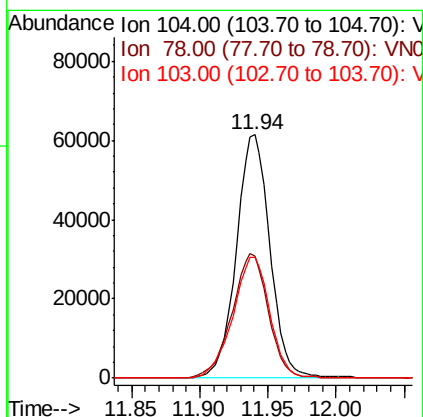
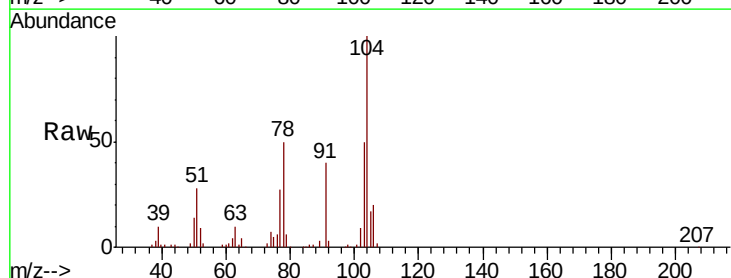
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

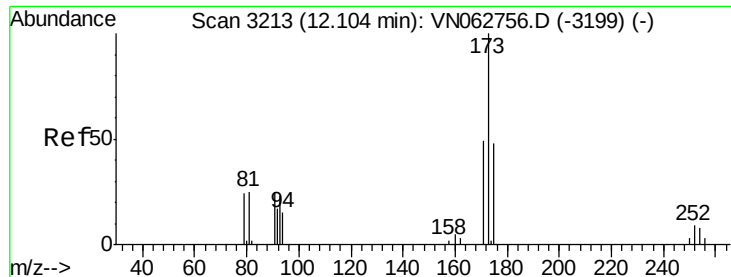
Tot Ion:106 Resp: 60932
Ion Ratio Lower Upper
106 100
91 224.3 115.8 347.4



#70
Styrene
Concen: 19.081 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion:104 Resp: 105125
Ion Ratio Lower Upper
104 100
78 55.3 45.9 68.9
103 54.3 45.1 67.7

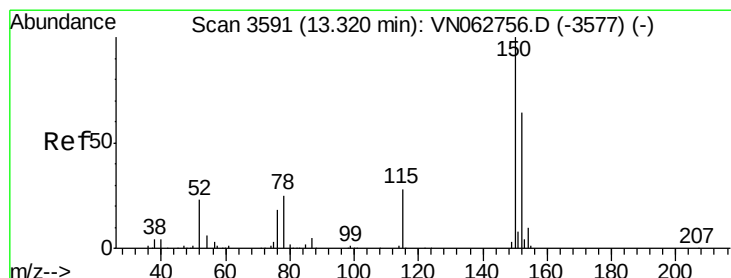
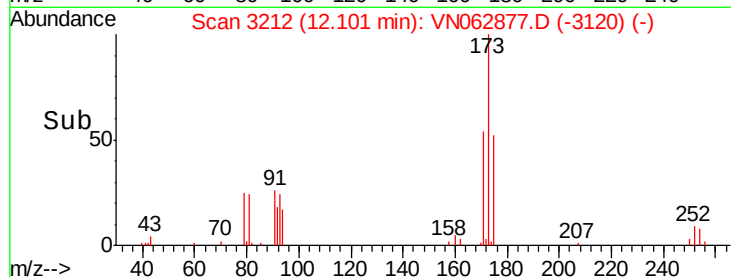
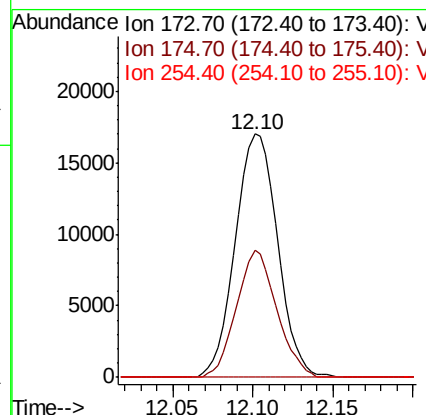
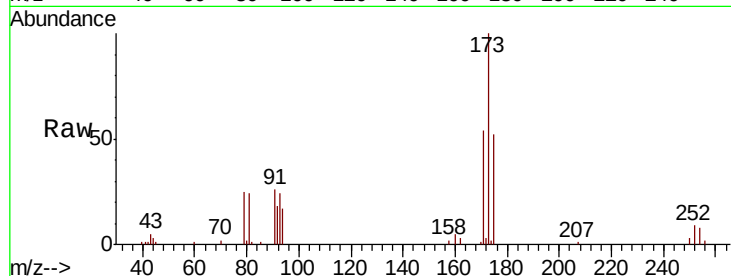




#71
Bromoform
Concen: 18.146 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

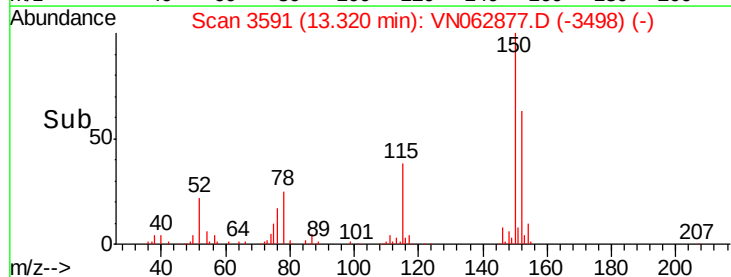
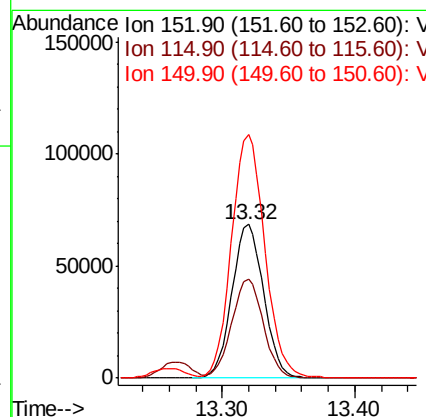
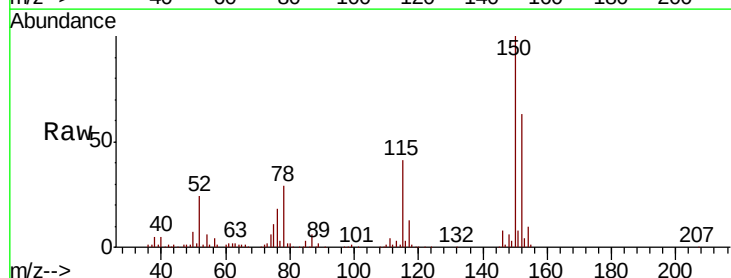
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

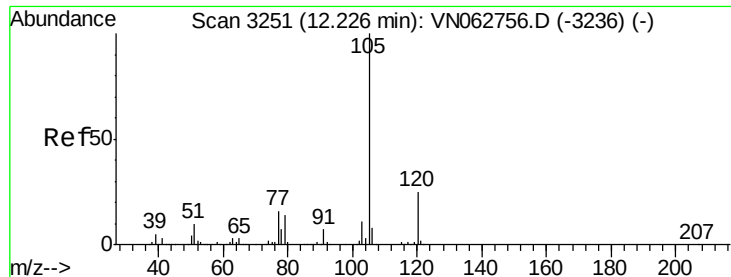
Tot Ion:173 Resp: 30697
Ion Ratio Lower Upper
173 100
175 49.4 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion:152 Resp: 114091
Ion Ratio Lower Upper
152 100
115 63.8 31.6 94.8
150 165.5 0.0 349.2

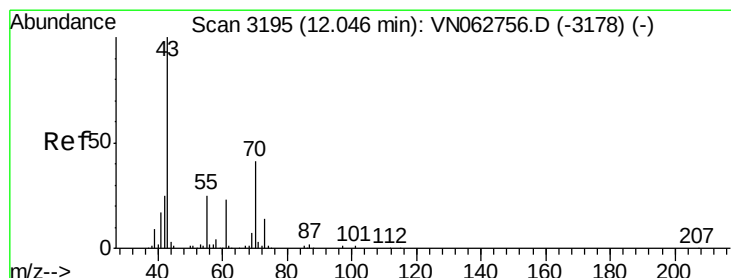
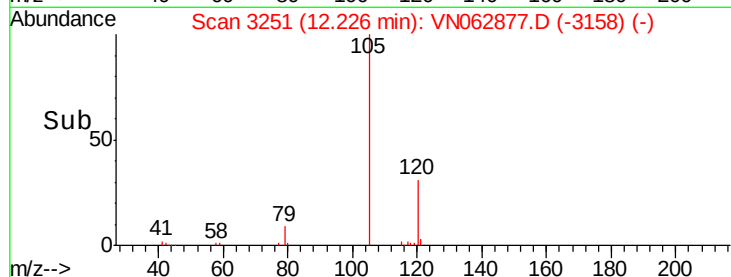
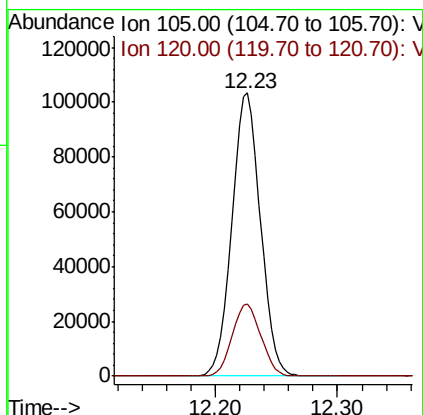
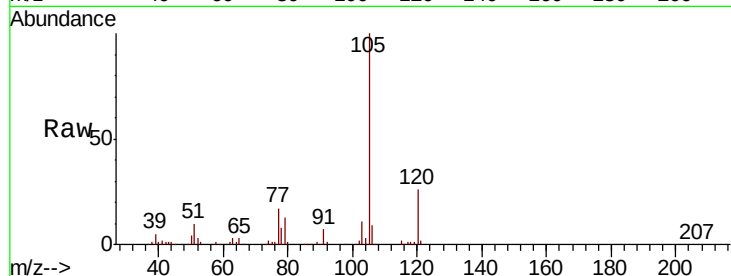




#73
Isopropylbenzene
Concen: 19.573 ug/l
RT: 12.23 min Scan# 3251
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

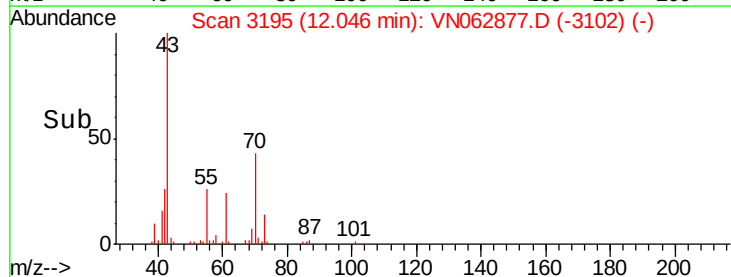
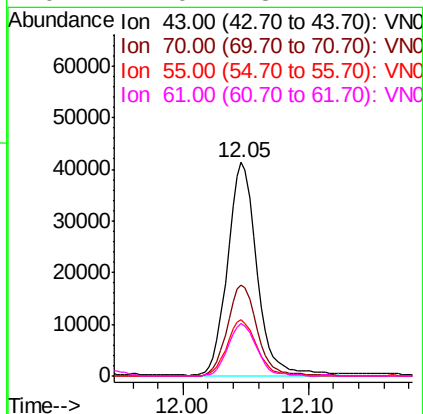
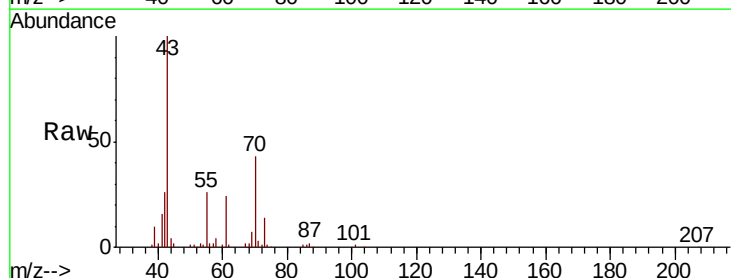
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

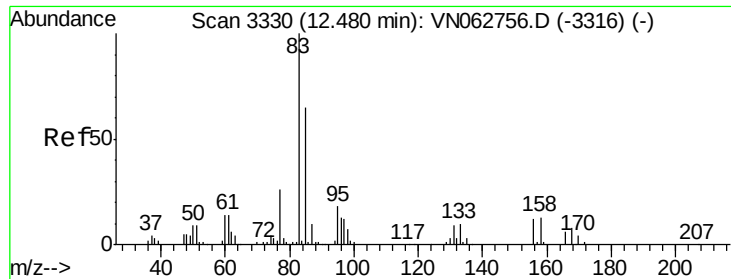
Tot Ion:105 Resp: 168156
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8



#74
N-ethyl acetate
Concen: 19.460 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion: 43 Resp: 67751
Ion Ratio Lower Upper
43 100
70 43.2 32.3 48.5
55 26.6 20.2 30.2
61 24.0 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.854 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD02

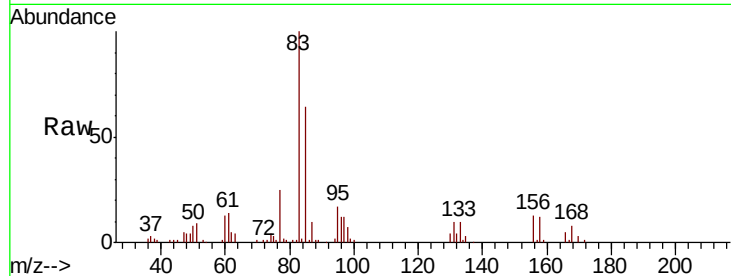
Tot Ion: 83 Resp: 60043

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

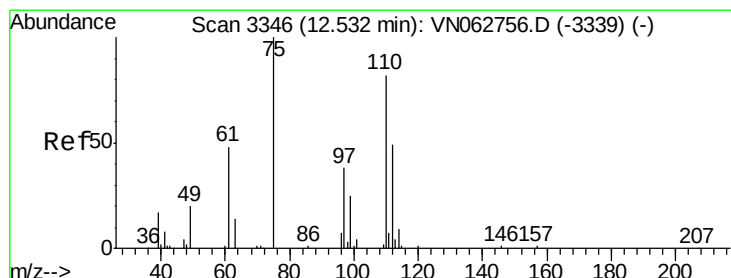
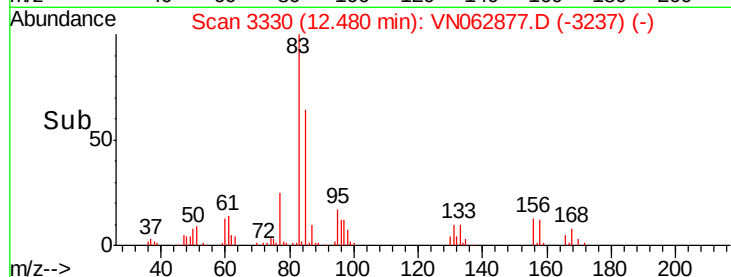
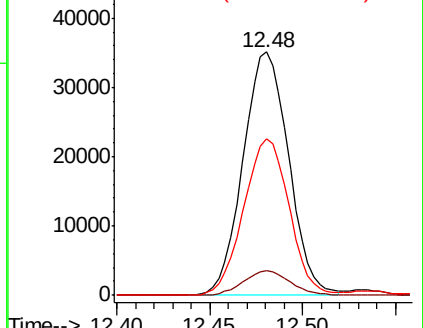
85 64.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 24.648 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062877.D

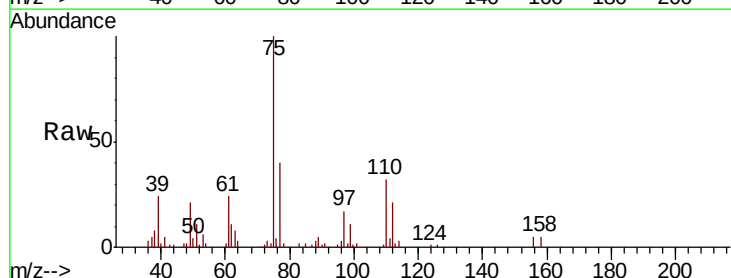
Acq: 13 Aug 2020 00:17

Tgt Ion: 75 Resp: 75839

Ion Ratio Lower Upper

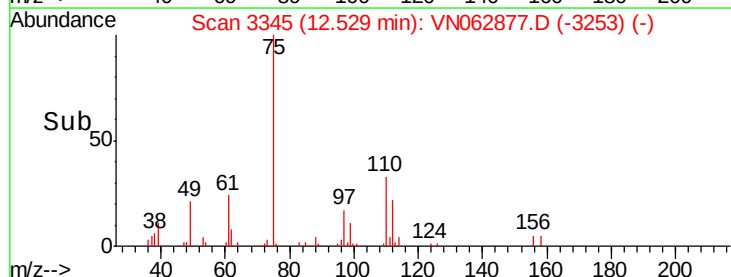
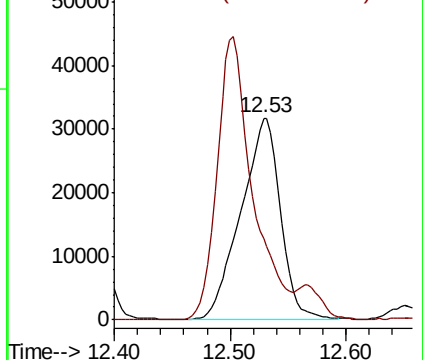
75 100

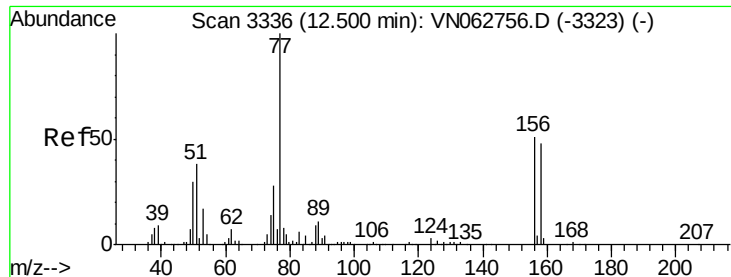
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.637 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD02

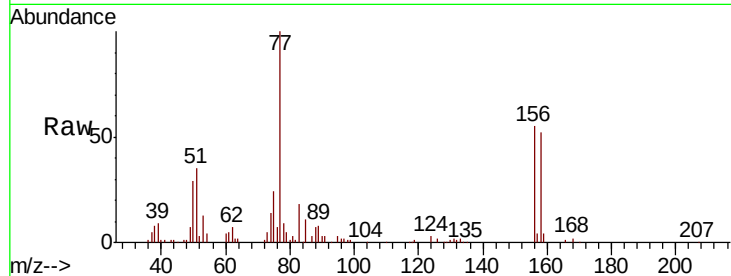
Tot Ion:156 Resp: 41918

Ion Ratio Lower Upper

156 100

77 227.2 119.7 359.1

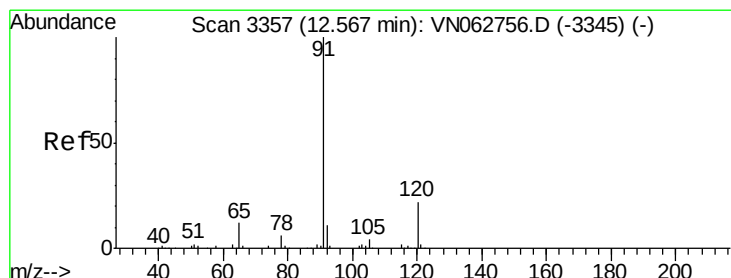
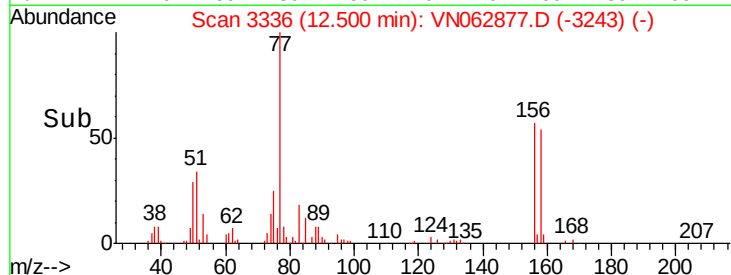
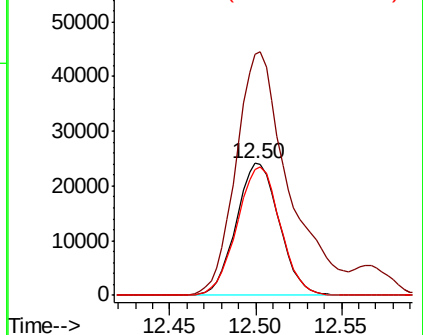
158 97.4 48.1 144.3



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: 19.100 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062877.D

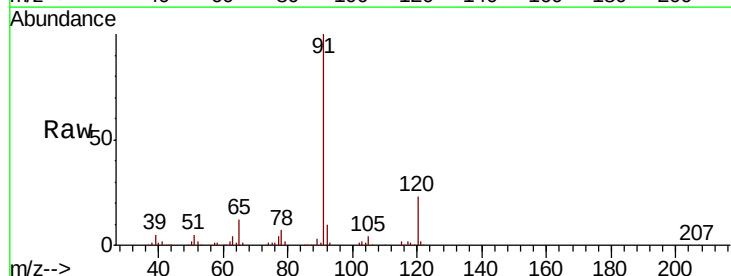
Acq: 13 Aug 2020 00:17

Tgt Ion: 91 Resp: 192610

Ion Ratio Lower Upper

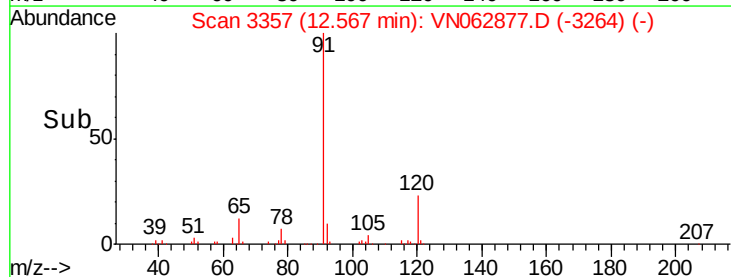
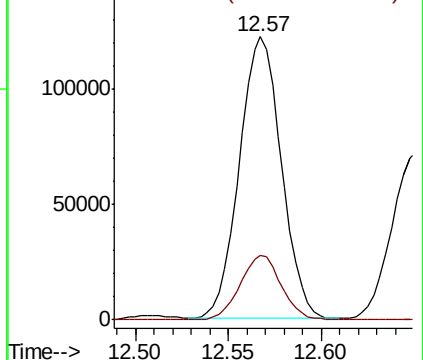
91 100

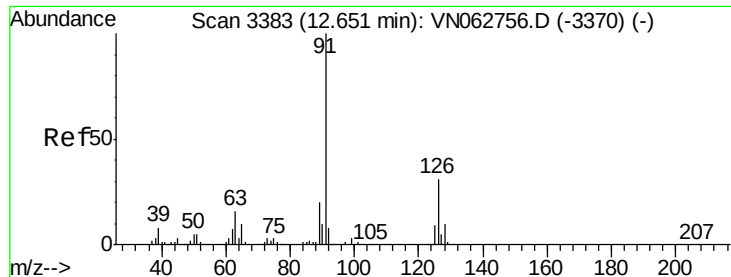
120 22.4 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.007 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampled :

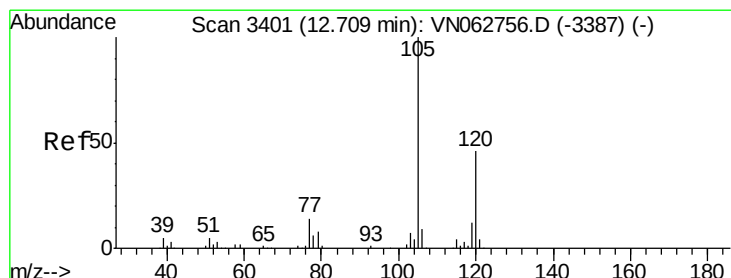
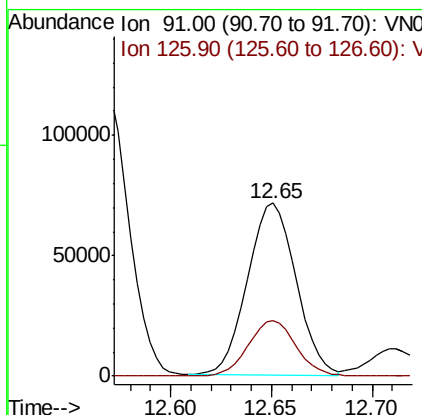
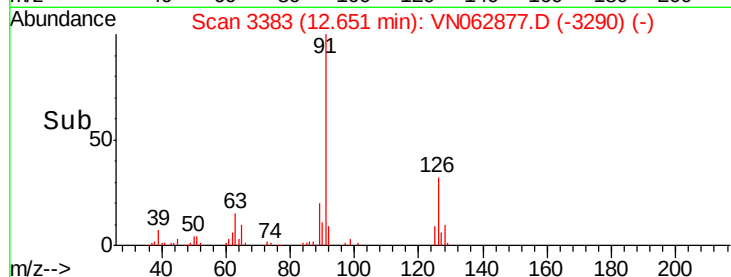
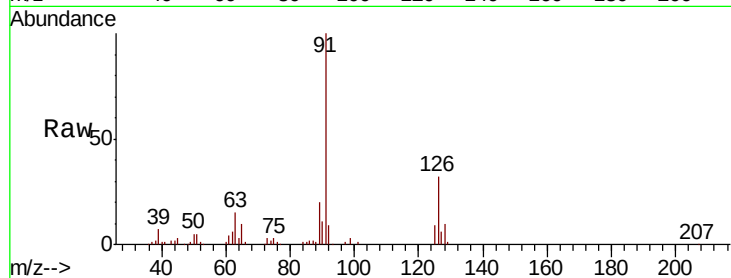
VN0812WBSD02

Tot Ion: 91 Resp: 120201

Ion Ratio Lower Upper

91 100

126 32.1 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 19.686 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062877.D

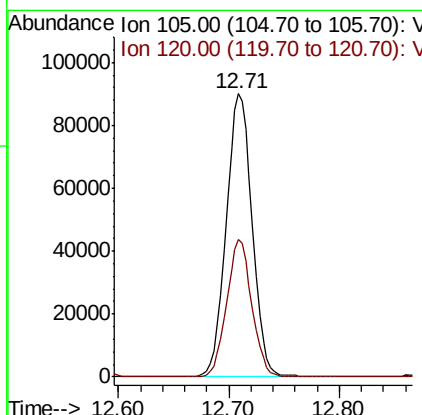
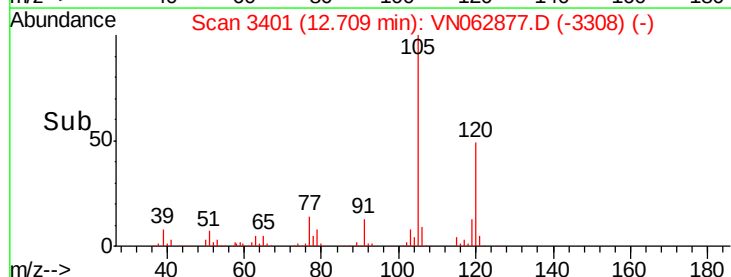
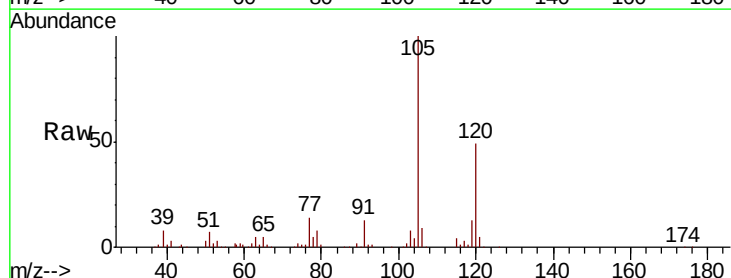
Acq: 13 Aug 2020 00:17

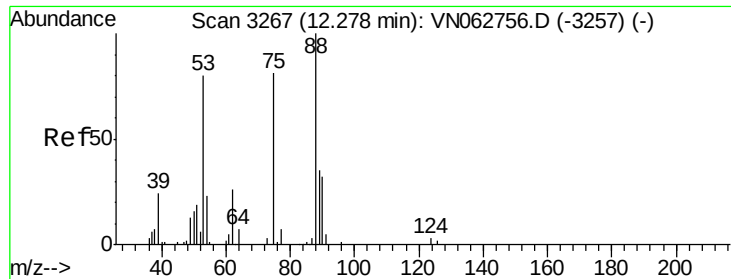
Tgt Ion: 105 Resp: 146723

Ion Ratio Lower Upper

105 100

120 46.7 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 16.384 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD02

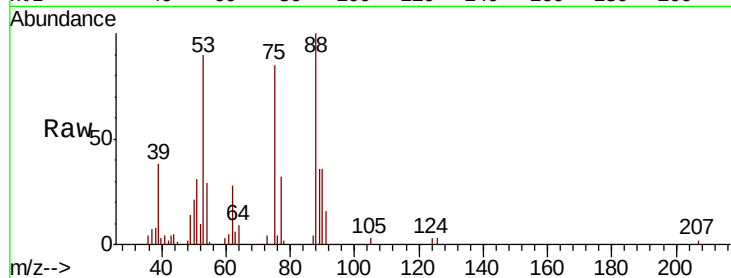
Tot Ion: 75 Resp: 16514

Ion Ratio Lower Upper

75 100

53 103.5 79.1 118.7

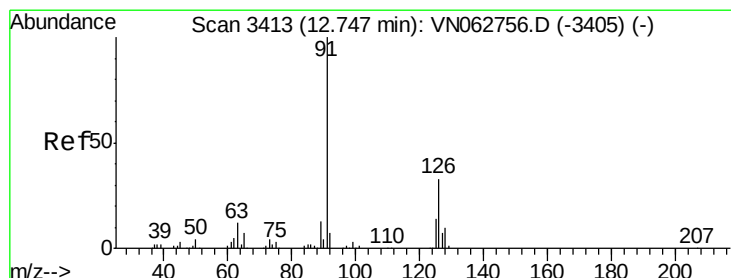
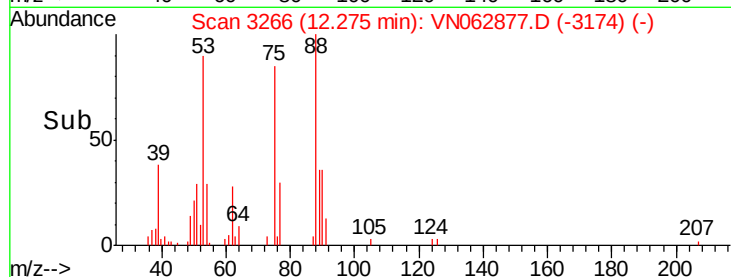
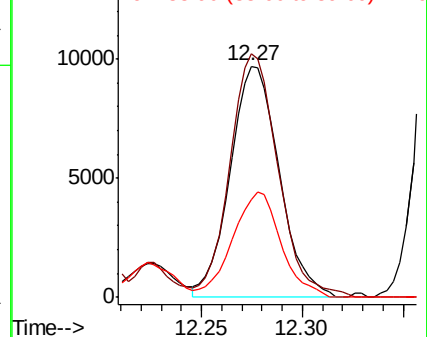
89 45.1 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.986 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062877.D

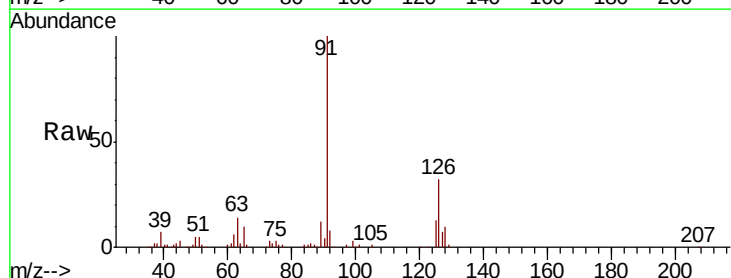
Acq: 13 Aug 2020 00:17

Tgt Ion: 91 Resp: 123732

Ion Ratio Lower Upper

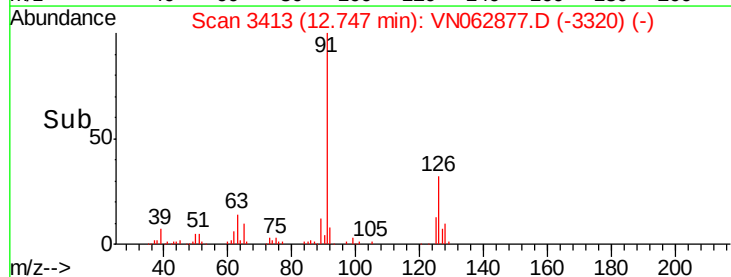
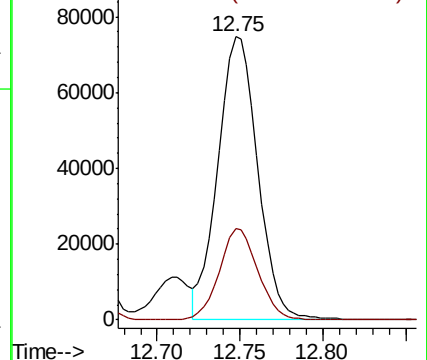
91 100

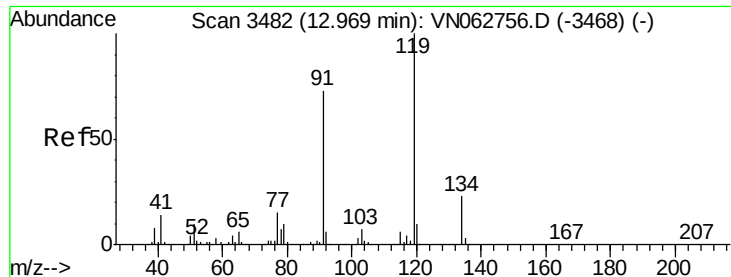
126 31.6 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.364 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD02

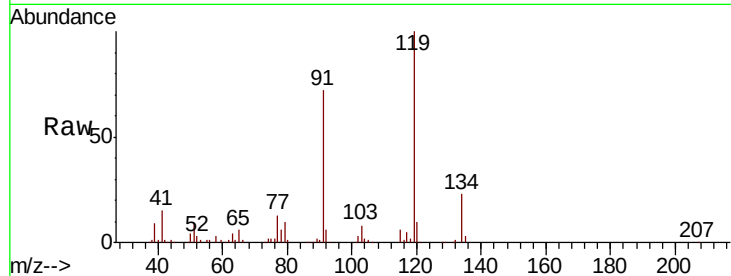
Tot Ion:119 Resp: 122122

Ion Ratio Lower Upper

119 100

91 70.5 36.5 109.5

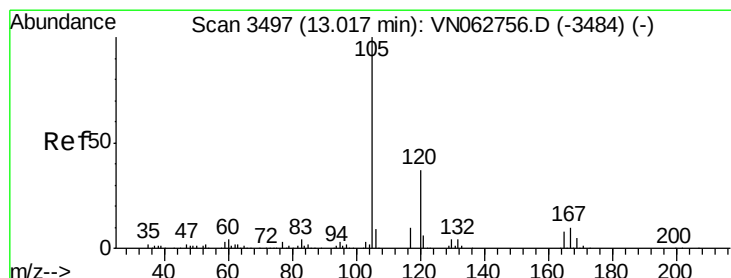
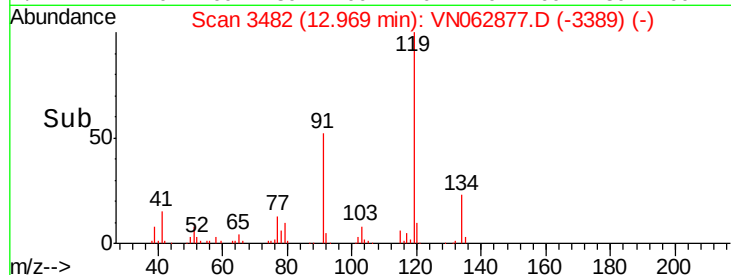
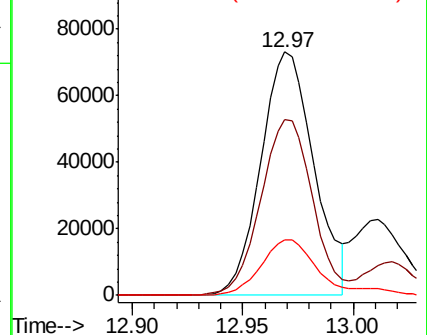
134 25.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.282 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. -0.00 min

Lab File: VN062877.D

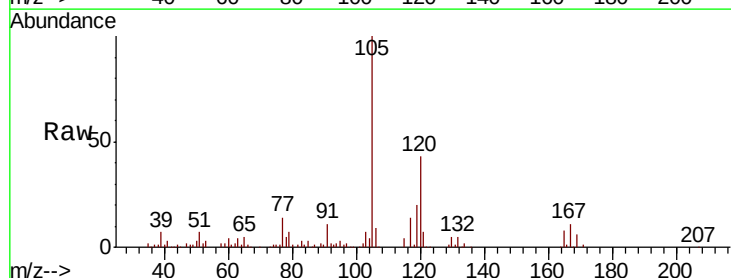
Acq: 13 Aug 2020 00:17

Tgt Ion:105 Resp: 144615

Ion Ratio Lower Upper

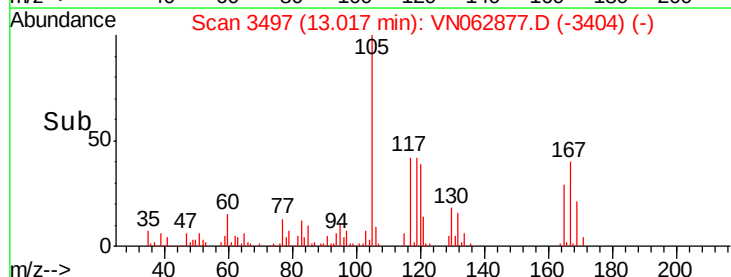
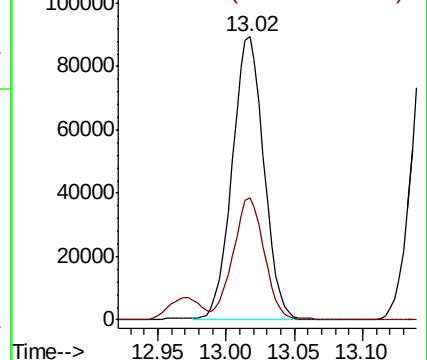
105 100

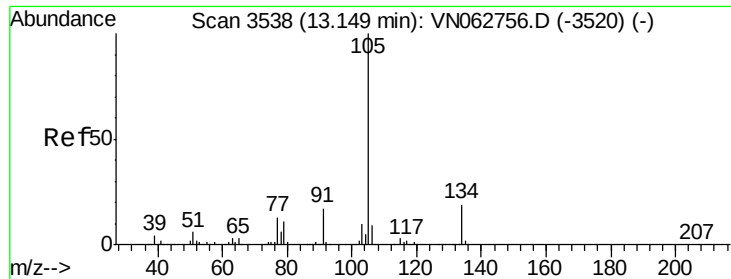
120 42.6 21.4 64.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.735 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

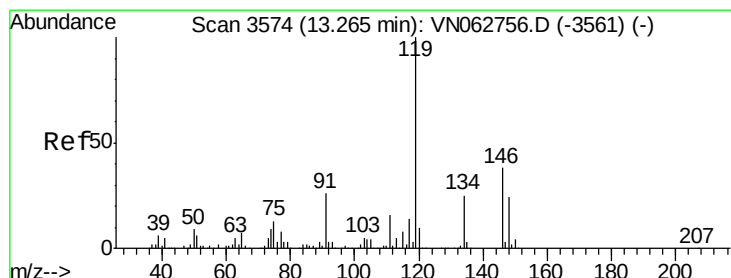
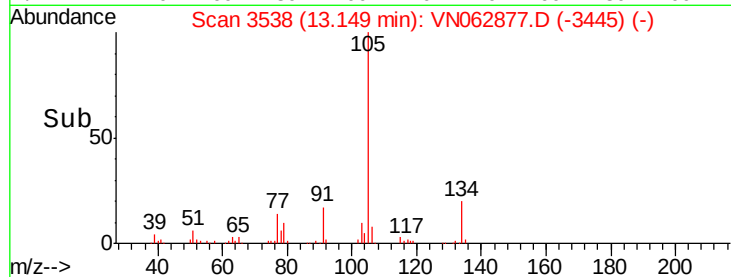
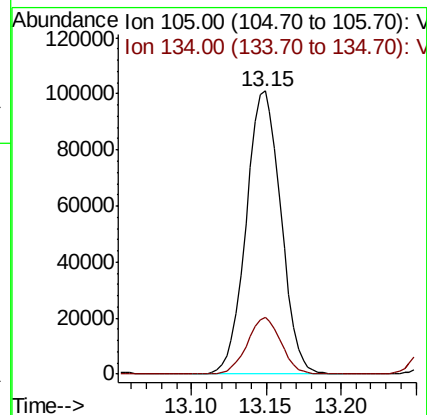
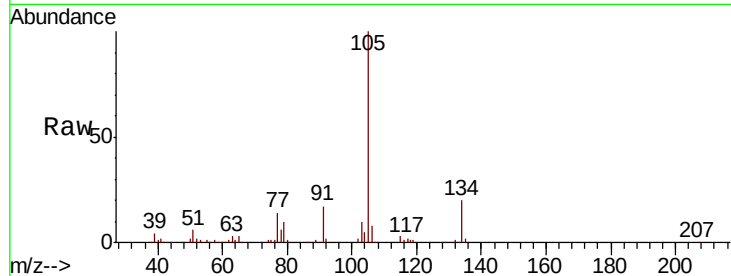
VN0812WBSD02

Tot Ion:105 Resp: 163445

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.6



#86

p-Isopropyltoluene

Concen: 19.358 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062877.D

Acq: 13 Aug 2020 00:17

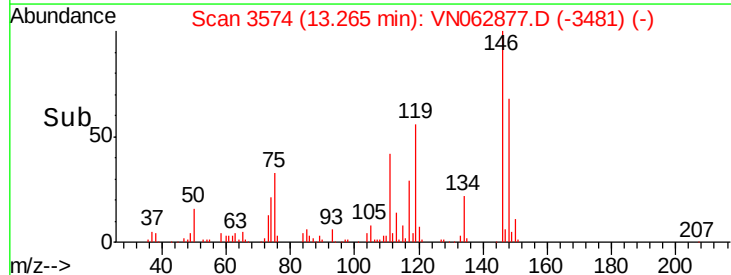
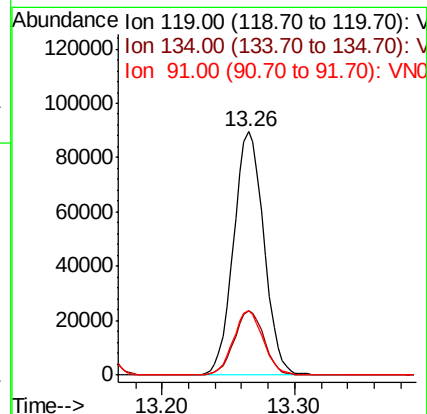
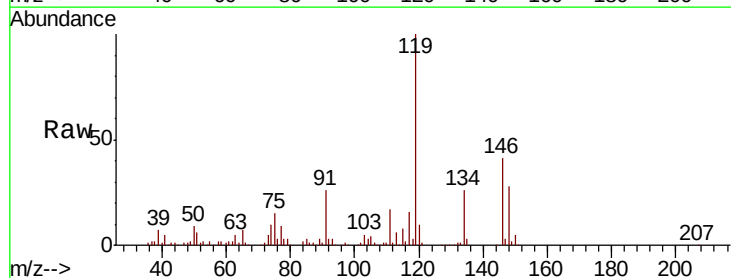
Tgt Ion:119 Resp: 142306

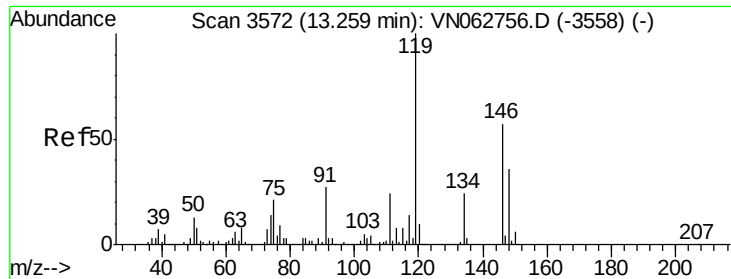
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.8

91 26.2 13.4 40.2

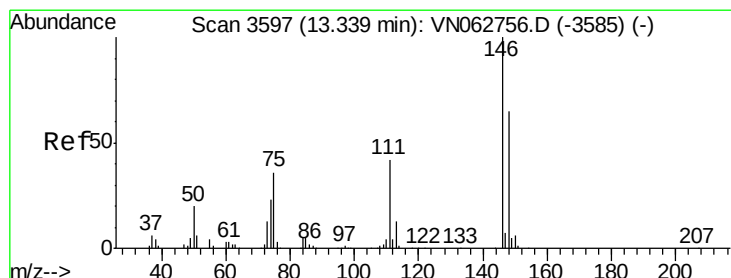
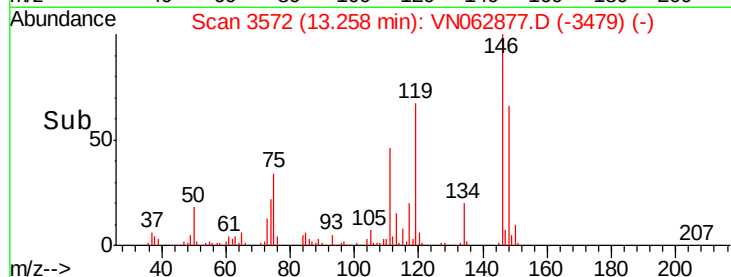
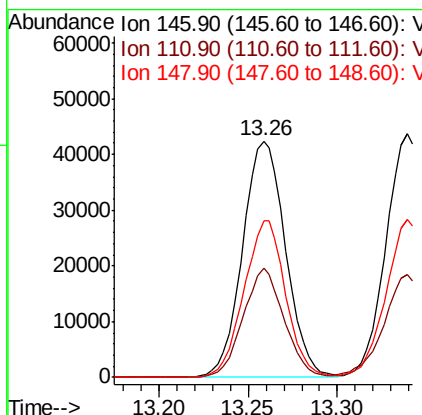
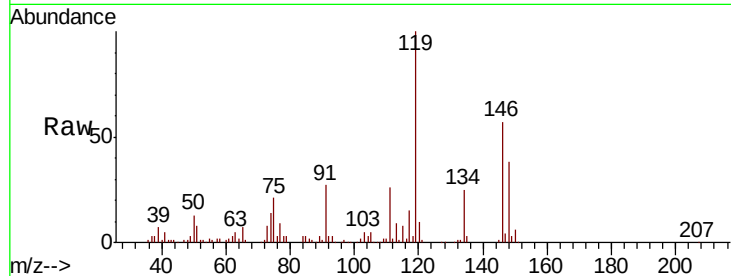




#87
 1,3-Dichlorobenzene
 Concen: 18.737 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

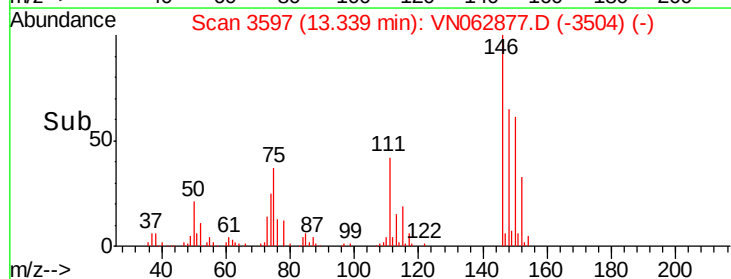
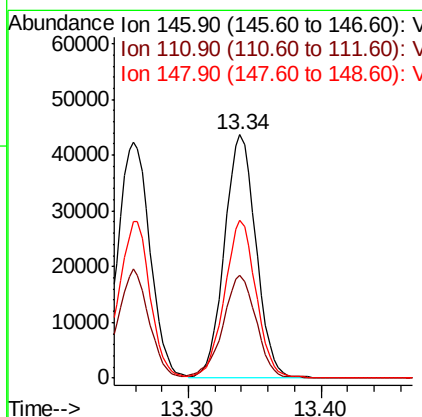
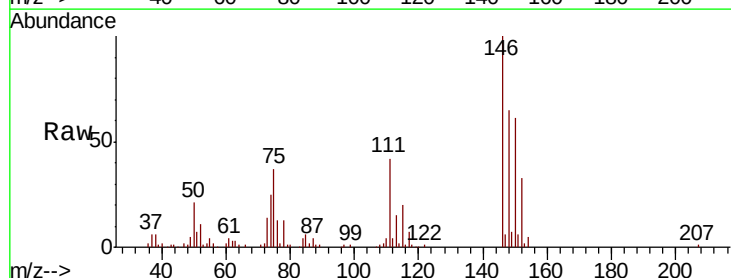
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD02

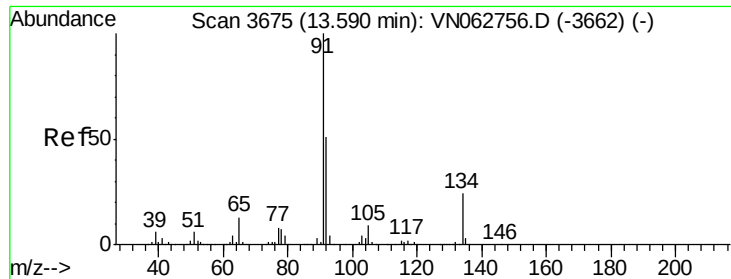
Tot Ion:146 Resp: 71452
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.7 65.1
 148 64.2 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 18.910 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

Tgt Ion:146 Resp: 72325
 Ion Ratio Lower Upper
 146 100
 111 44.8 21.6 64.6
 148 64.7 32.6 97.8

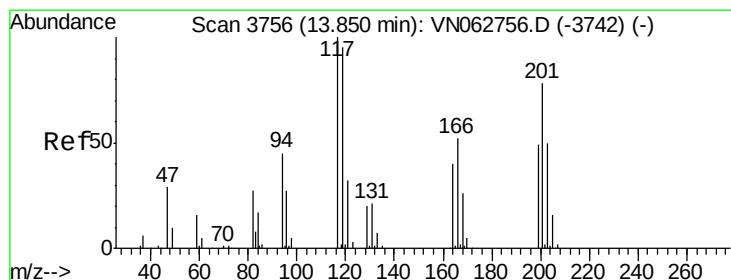
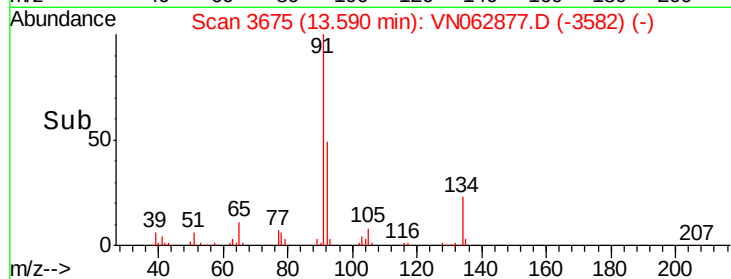
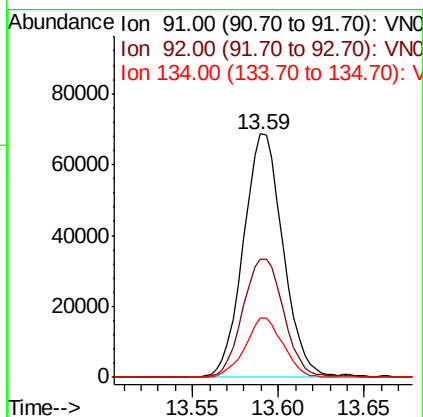
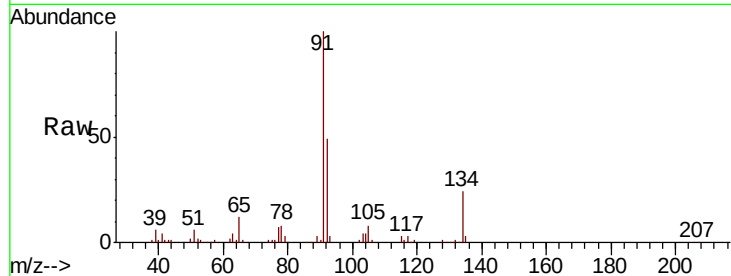




#89
n-Butylbenzene
Concen: 17.634 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

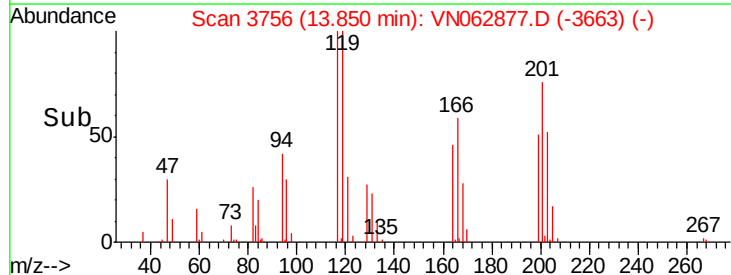
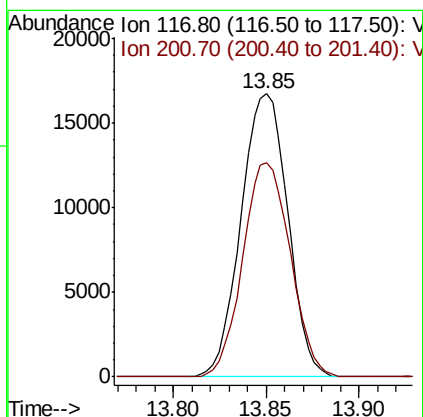
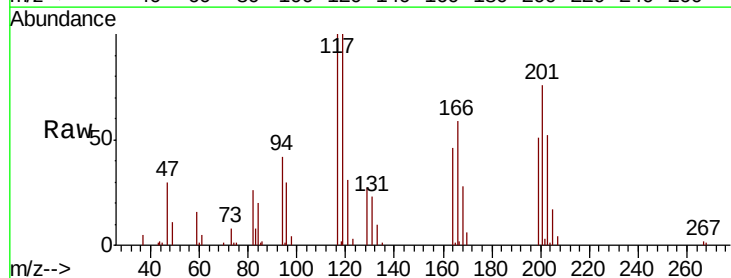
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

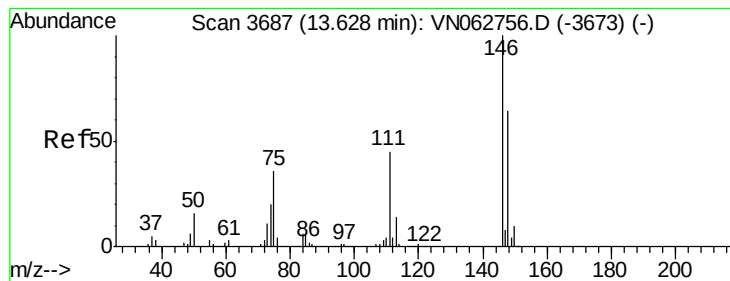
Tot Ion: 91 Resp: 109634
Ion Ratio Lower Upper
91 100
92 50.5 25.7 77.0
134 23.5 12.2 36.6



#90
Hexachloroethane
Concen: 18.499 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion: 117 Resp: 29313
Ion Ratio Lower Upper
117 100
201 77.0 39.2 117.6

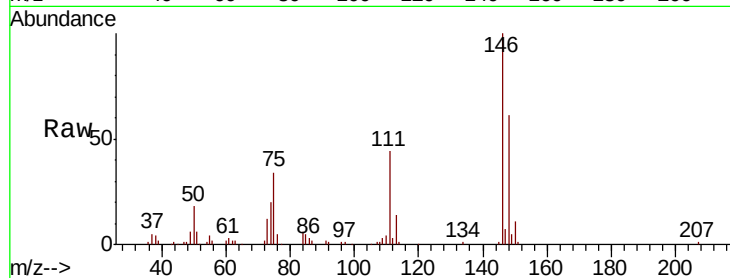




#91
 1,2-Dichlorobenzene
 Concen: 20.373 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.8	68.4
148	61.6	31.9	95.5

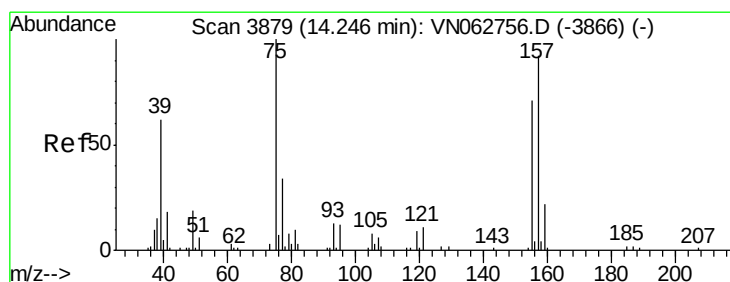
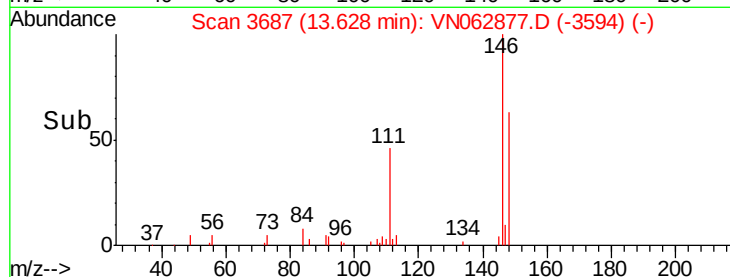
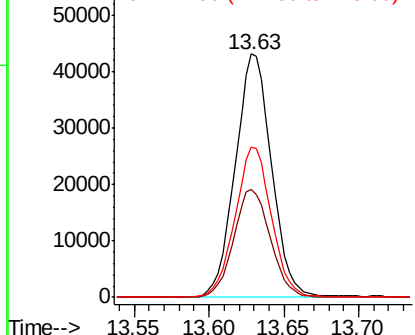


Abundance

Ion 145.90 (145.60 to 146.60): V

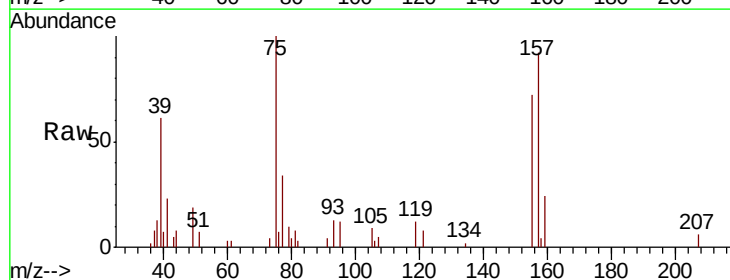
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.356 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.5	35.0	105.1
157	88.8	43.2	129.6

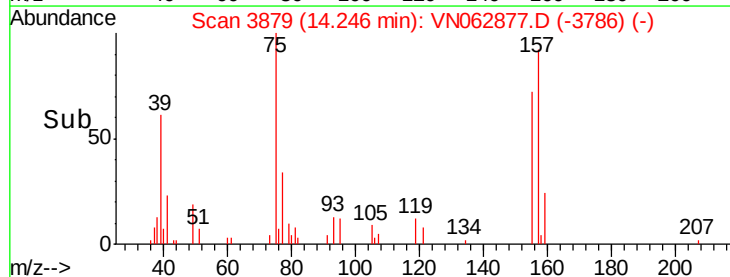
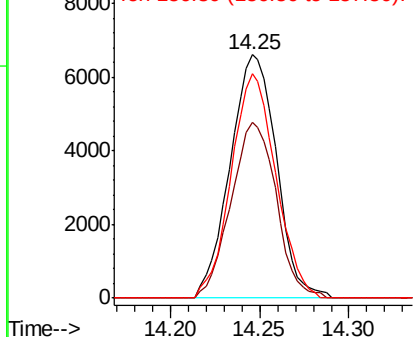


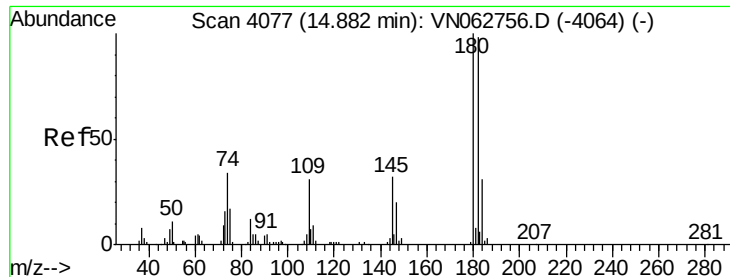
Abundance

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

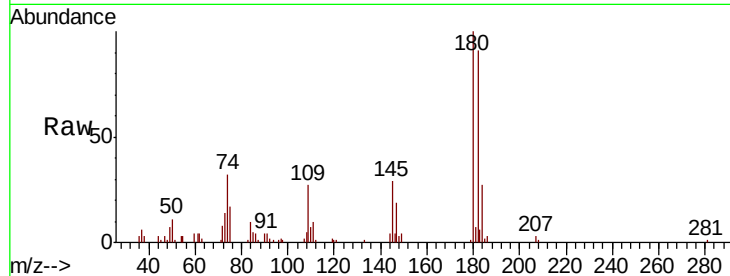




#93
 1,2,4-Trichlorobenzene
 Concen: 18.331 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	49.1	147.4
145	29.9	16.3	48.8

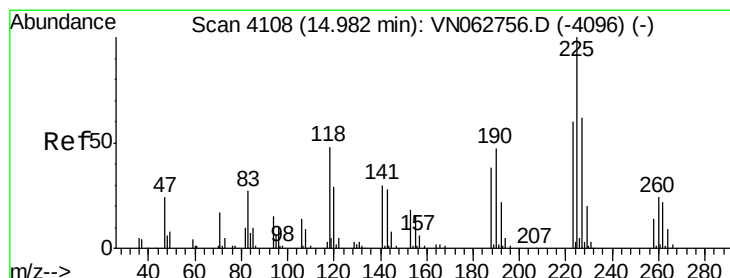
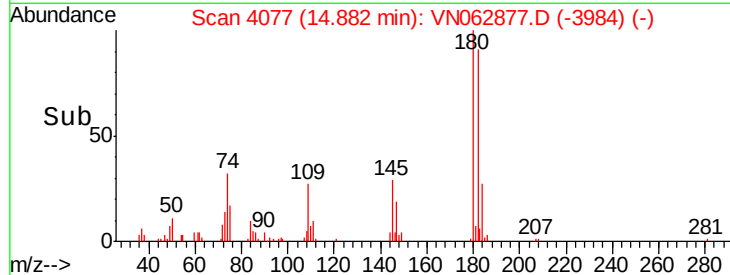
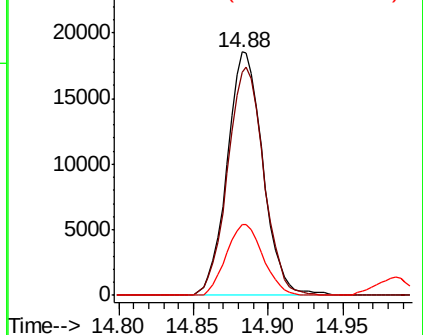


Abundance

Ion 179.80 (179.50 to 180.50): V

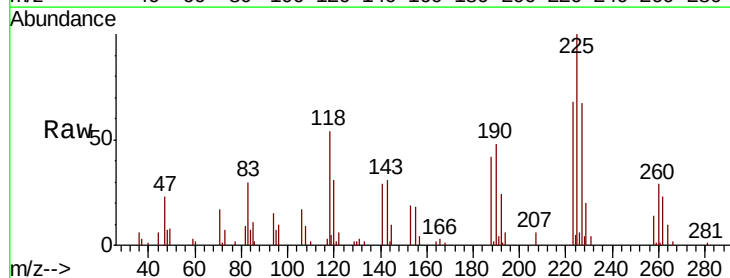
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.039 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062877.D
 Acq: 13 Aug 2020 00:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	30.6	92.0
227	64.9	31.6	95.0

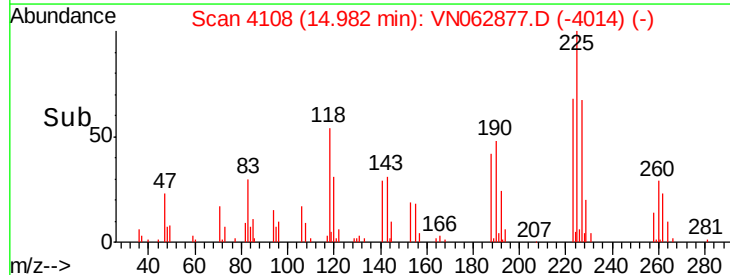
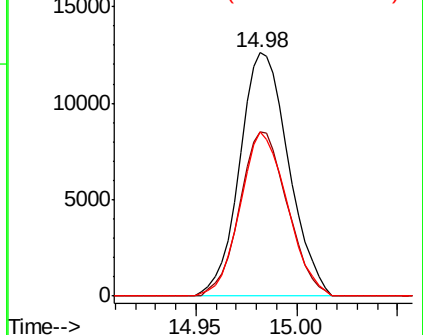


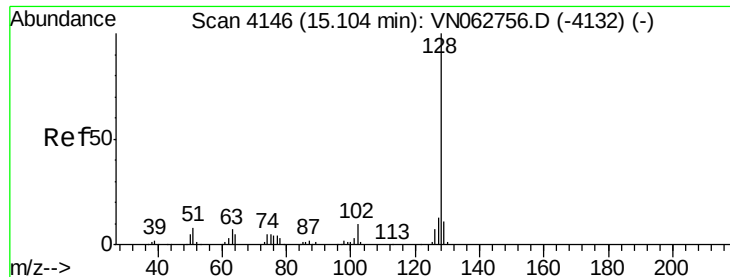
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

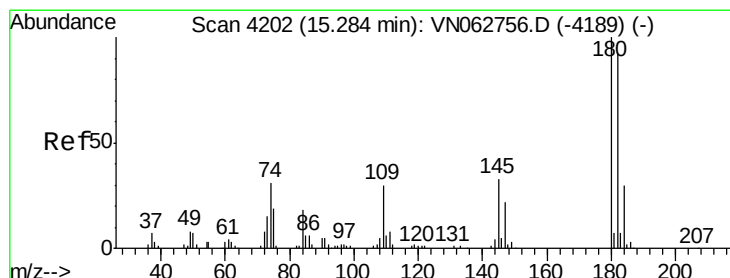
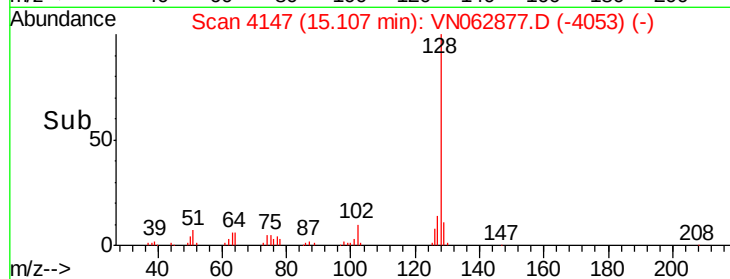
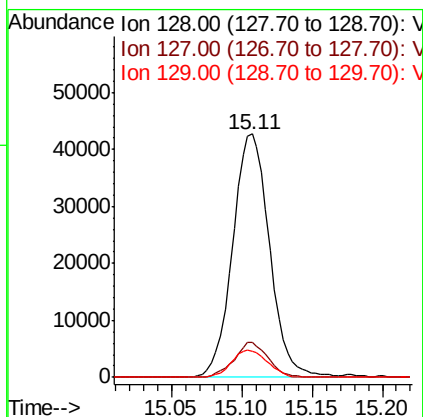
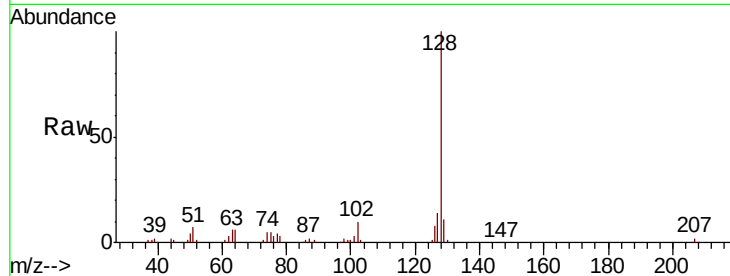




#95
Naphthalene
Concen: 17.535 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD02

Tot Ion:128 Resp: 78326
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.365 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062877.D
Acq: 13 Aug 2020 00:17

Tgt Ion:180 Resp: 31282
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.6
145 32.7 17.3 51.7

