

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064858.D
 Acq On : 25 Nov 2020 16:06
 Operator : JC/MD
 Sample : L4895-01DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-56-67DL

Quant Time: Nov 26 03:41:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	168726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	317539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	334705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	104584	53.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	106.64%		
35) Dibromofluoromethane	7.55	113	95503	50.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.52%		
50) Toluene-d8	10.06	98	397869	51.25	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.50%		
62) 4-Bromofluorobenzene	12.37	95	169195	60.90	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	121.80%		

Target Compounds

						Qvalue
13) Acrolein	3.56	56	141	0.755	ug/l #	14
14) Allyl chloride	4.03	41	14565	5.397	ug/l #	61
15) Acrylonitrile	4.94	53	174	0.206	ug/l #	18
16) Acetone	3.78	43	306972	476.061	ug/l	98
17) Carbon Disulfide	4.01	76	3800	0.905	ug/l #	75
18) Methyl Acetate	4.03	43	34729	17.914	ug/l #	50
20) Methylene Chloride	4.51	84	1103	0.546	ug/l #	84
25) 2-Butanone	6.79	43	4235	4.052	ug/l	90
29) Tetrahydrofuran	7.18	42	267	0.370	ug/l #	32
31) Cyclohexane	7.62	56	3787	1.385	ug/l #	23
38) Carbon Tetrachloride	7.62	117	16090	5.254	ug/l #	18
39) Methylcyclohexane	9.05	83	1218	0.384	ug/l #	78
43) Isopropyl Acetate	8.25	43	16476	3.611	ug/l #	59
51) 4-Methyl-2-Pentanone	9.95	43	3439	1.256	ug/l #	84
52) Toluene	10.12	92	102792	18.506	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	717	0.205	ug/l #	12
58) 2-Chloroethyl Vinyl ether	9.66	63	741	0.427	ug/l #	62
59) 2-Hexanone	10.72	43	1414	0.717	ug/l	89
61) 1,2-Dibromoethane	10.97	107	471	0.203	ug/l	91
64) Tetrachloroethene	10.61	164	685	0.210	ug/l #	78
67) Ethyl Benzene	11.48	91	4850	0.404	ug/l #	76
68) m/p-Xylenes	11.59	106	4602	1.012	ug/l	97
69) o-Xylene	11.92	106	2524	0.585	ug/l	85
70) Styrene	11.94	104	2384	0.327	ug/l #	62
73) Isopropylbenzene	12.22	105	4926	0.427	ug/l	99
74) N-amyl acetate	12.05	43	16782	3.693	ug/l #	42
76) 1,2,3-Trichloropropane	12.37	75	79705	22.292	ug/l #	100
77) Bromobenzene	12.59	156	1314	0.422	ug/l #	1
78) n-propylbenzene	12.57	91	7122	0.541	ug/l	91
79) 2-Chlorotoluene	12.65	91	4127	0.508	ug/l	80
80) 1,3,5-Trimethylbenzene	12.70	105	5443	0.567	ug/l	80
81) trans-1,4-Dichloro-2-buten	12.37	75	79705	61.098	ug/l #	15
82) 4-Chlorotoluene	12.74	91	2761	0.324	ug/l	94
83) tert-Butylbenzene	12.97	119	2824	0.351	ug/l #	62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

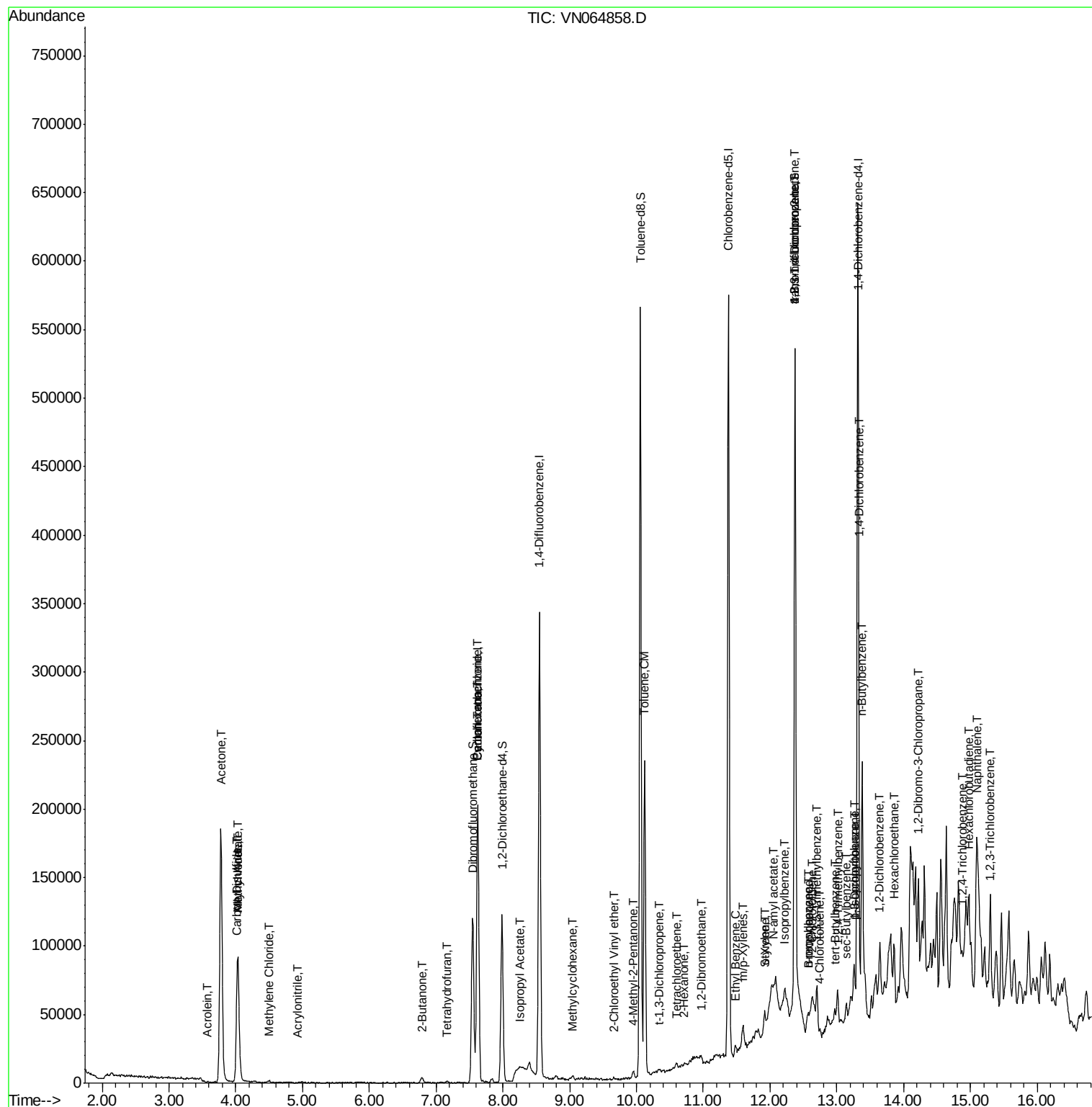
84) 1,2,4-Trimethylbenzene	13.01	105	12214	1.259	ug/l	97
85) sec-Butylbenzene	13.14	105	9434	0.883	ug/l	93
86) p-Isopropyltoluene	13.26	119	11066	1.138	ug/l	93
87) 1,3-Dichlorobenzene	13.26	146	2974	0.538	ug/l #	71
88) 1,4-Dichlorobenzene	13.34	146	2670	0.456	ug/l #	49
89) n-Butylbenzene	13.38	91	4671	0.547	ug/l	78
90) Hexachloroethane	13.86	117	3489	2.065	ug/l #	27
91) 1,2-Dichlorobenzene	13.63	146	2006	0.369	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.22	75	326	0.428	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.88	180	3739	1.113	ug/l #	88
94) Hexachlorobutadiene	14.98	225	4115	3.072	ug/l	90
95) Naphthalene	15.10	128	60347	5.995	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.28	180	3827	2.557	ug/l #	69

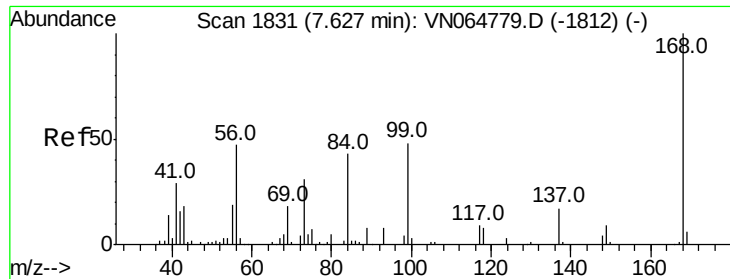
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

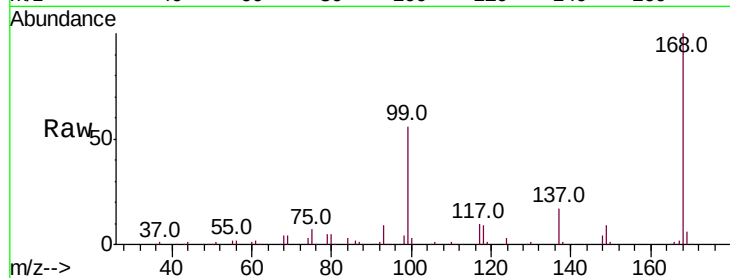
COMP-56-67DL

Tot Ion:168 Resp: 168726

Ion Ratio Lower Upper

168 100

99 55.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

60000

40000

20000

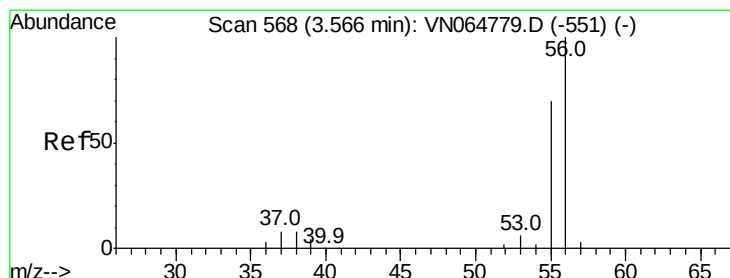
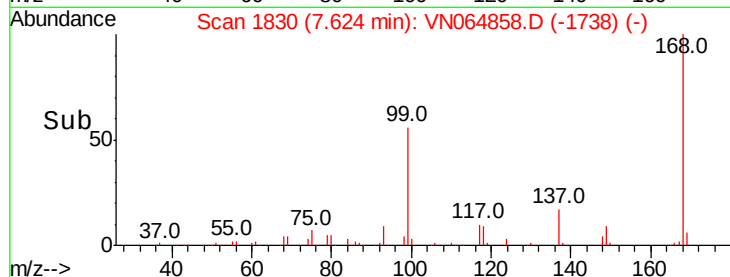
0

Time-->

7.50

7.60

7.70



#13

Acrolein

Concen: 0.755 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064858.D

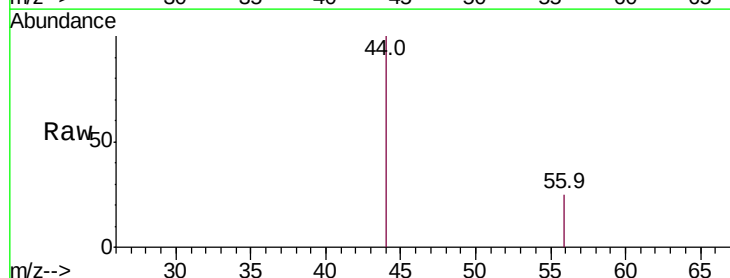
Acq: 25 Nov 2020 16:06

Tgt Ion: 56 Resp: 141

Ion Ratio Lower Upper

56 100

55 0.0 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.56

200

150

100

50

0

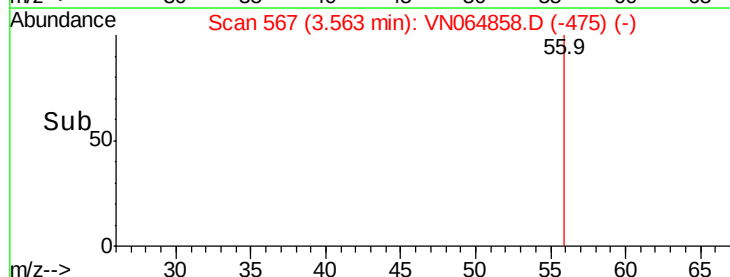
Time-->

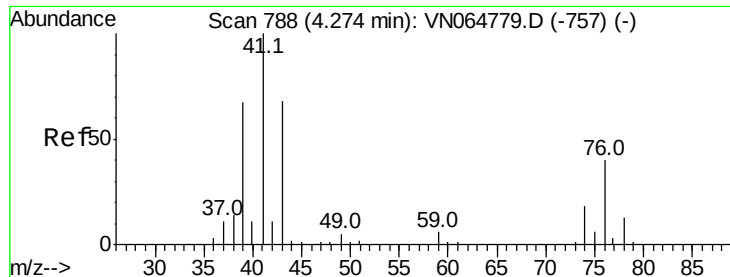
3.55

3.56

3.57

3.58





#14

Allvl chloride

Concen: 5.397 ug/l

RT: 4.03 min Scan# 713

Delta R.T. -0.24 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

COMP-56-67DL

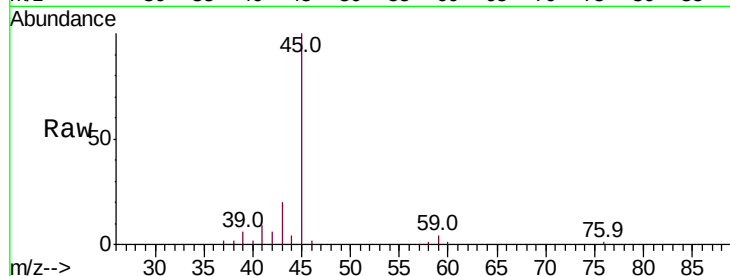
Tot Ion: 41 Resp: 14565

Ion Ratio Lower Upper

41 100

39 83.5 50.9 76.3#

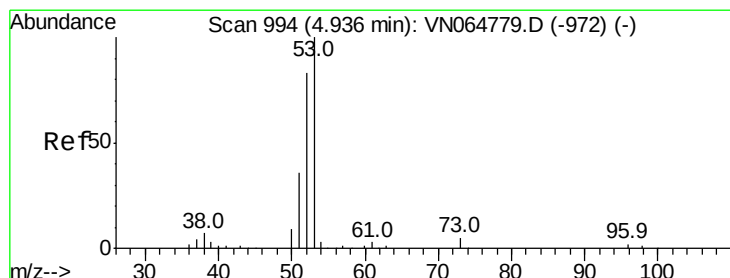
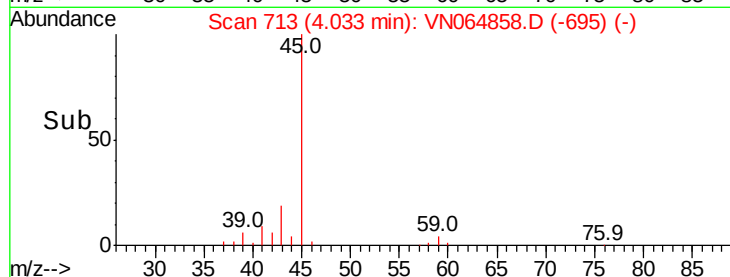
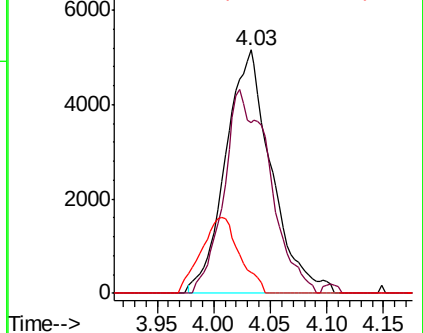
76 0.0 29.0 43.4#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#15

Acrylonitrile

Concen: 0.206 ug/l

RT: 4.94 min Scan# 996

Delta R.T. 0.01 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

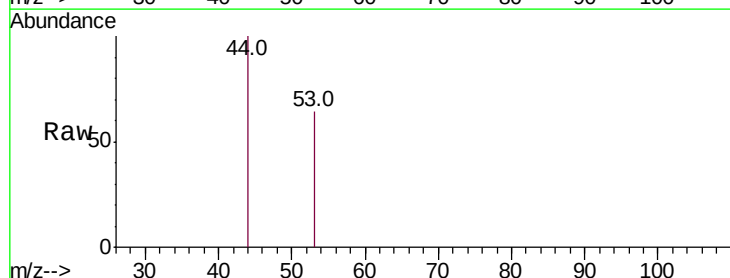
Tgt Ion: 53 Resp: 174

Ion Ratio Lower Upper

53 100

52 0.0 65.5 98.3#

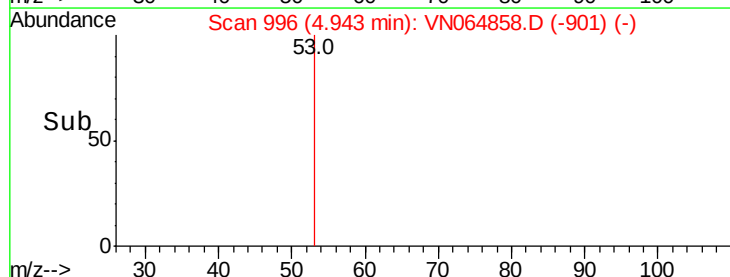
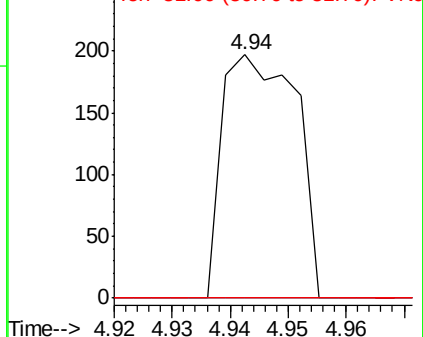
51 0.0 28.6 43.0#

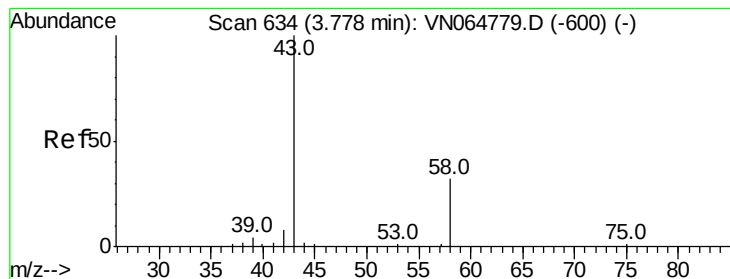


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#16

Acetone

Concen: 476.061 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

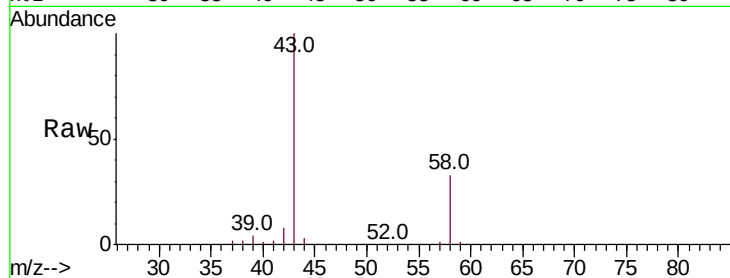
COMP-56-67DL

Tot Ion: 43 Resp: 306972

Ion Ratio Lower Upper

43 100

58 33.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)

3.78

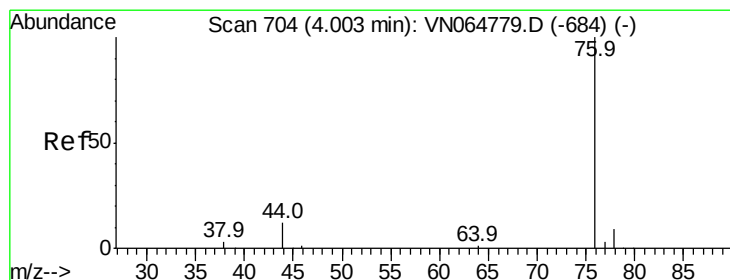
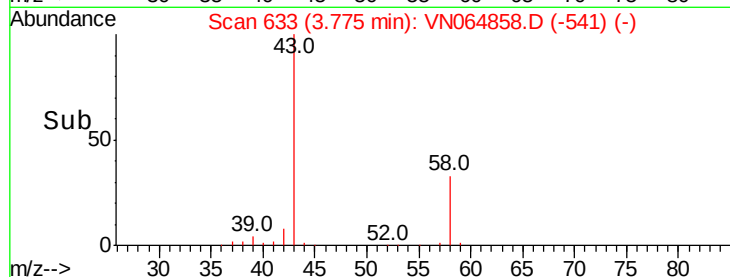
100000

50000

0

3.70 3.80 3.90

Time-->



#17

Carbon Disulfide

Concen: 0.905 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064858.D

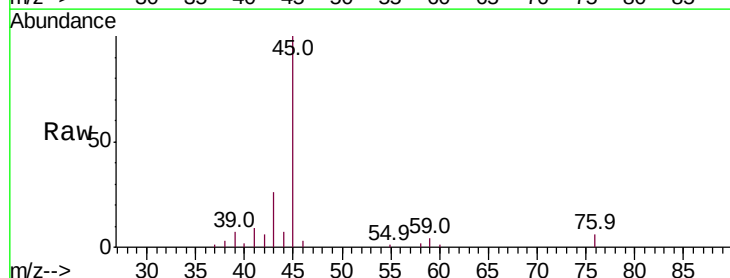
Acq: 25 Nov 2020 16:06

Tgt Ion: 76 Resp: 3800

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



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

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

4.01

1500

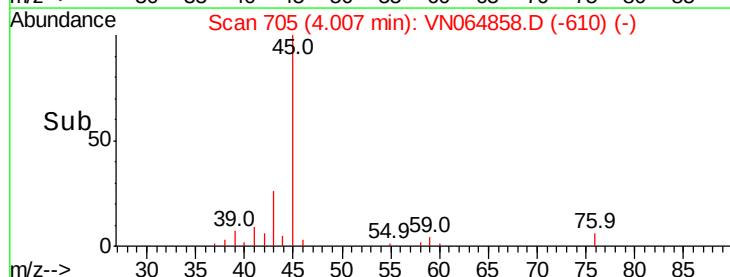
1000

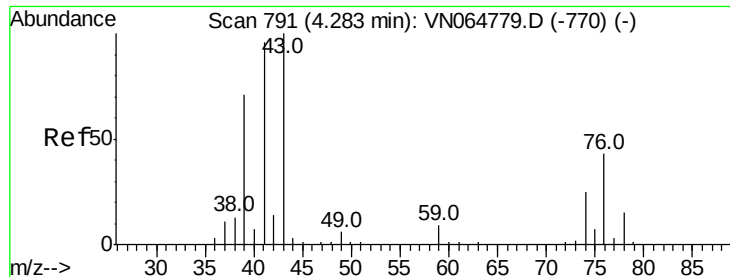
500

0

3.95 4.00 4.05

Time-->





#18

Methyl Acetate

Concen: 17.914 ug/l

RT: 4.03 min Scan# 711

Delta R.T. -0.26 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

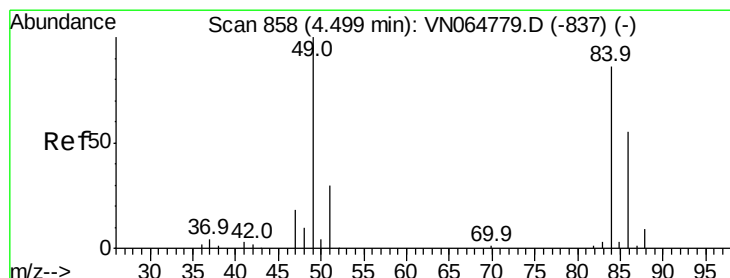
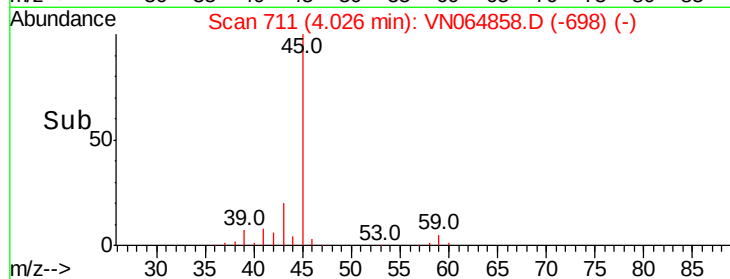
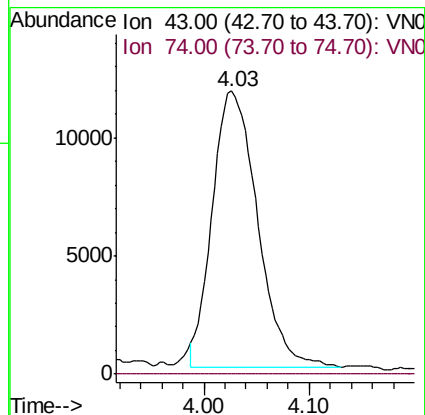
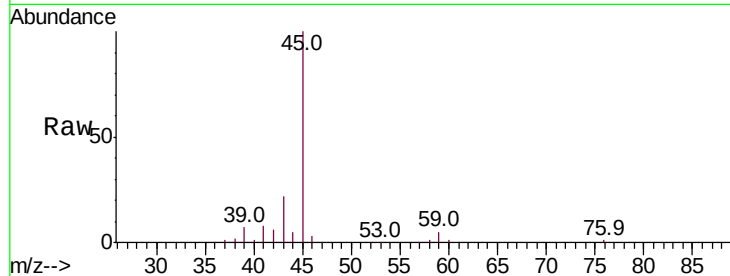
COMP-56-67DL

Tot Ion: 43 Resp: 34729

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#



#20

Methylene Chloride

Concen: 0.546 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.01 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Tgt Ion: 84 Resp: 1103

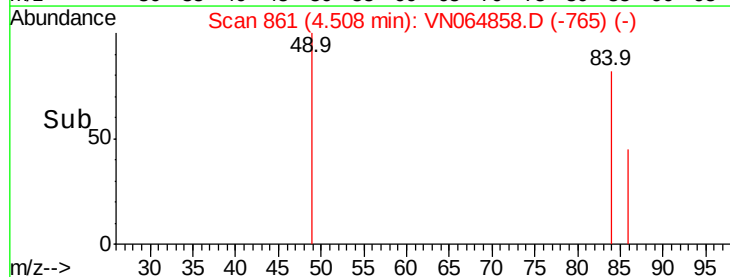
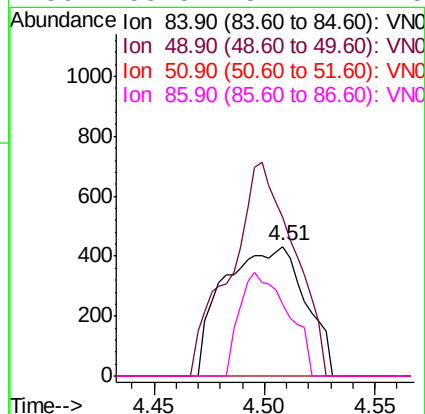
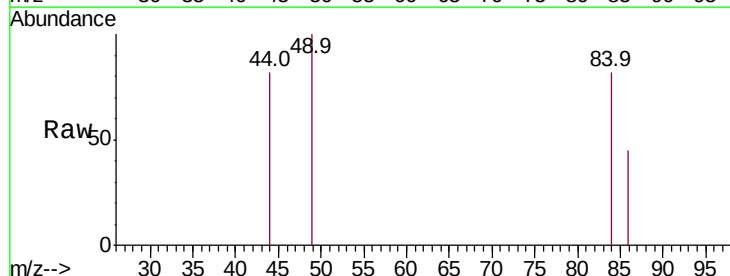
Ion Ratio Lower Upper

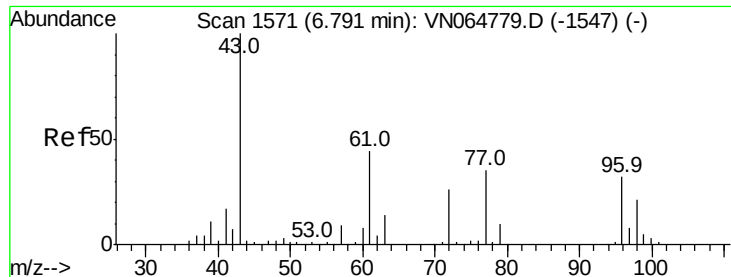
84 100

49 122.6 93.4 140.0

51 0.0 28.2 42.4#

86 55.5 51.7 77.5

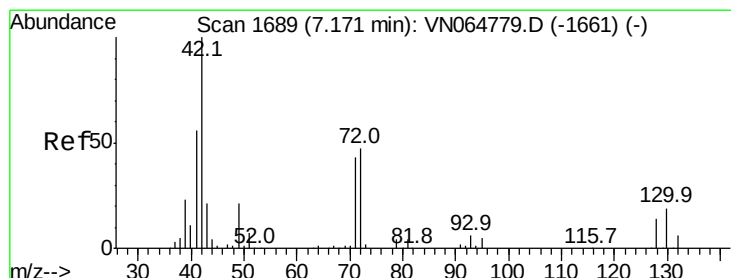
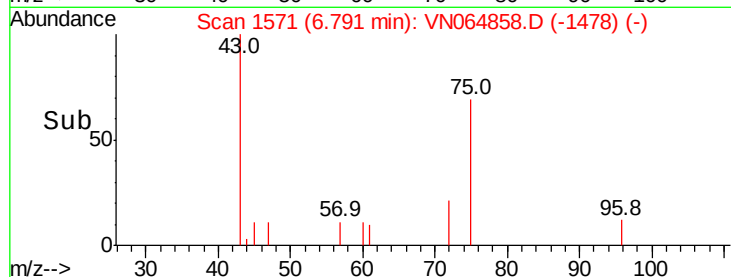
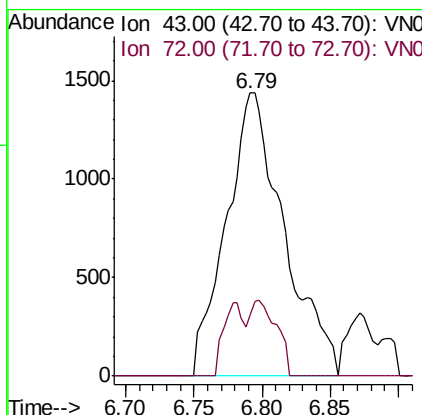
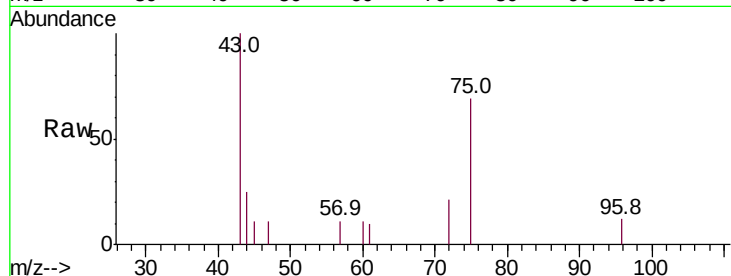




#25
2-Butanone
Concen: 4.052 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

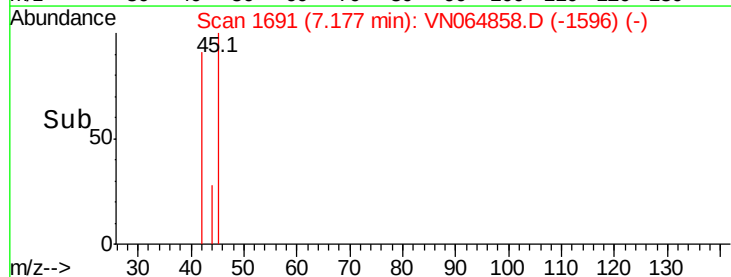
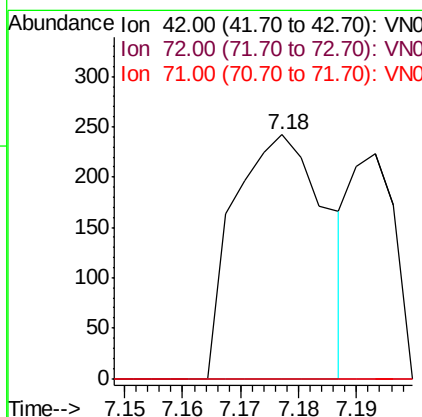
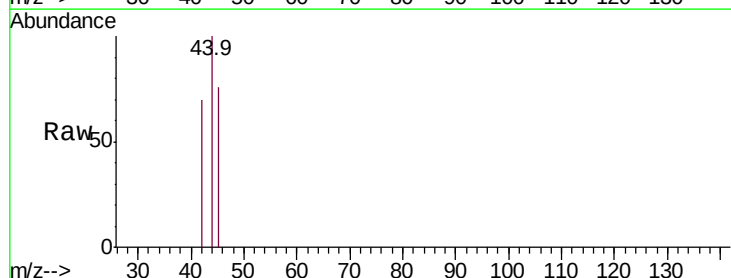
Instrument :
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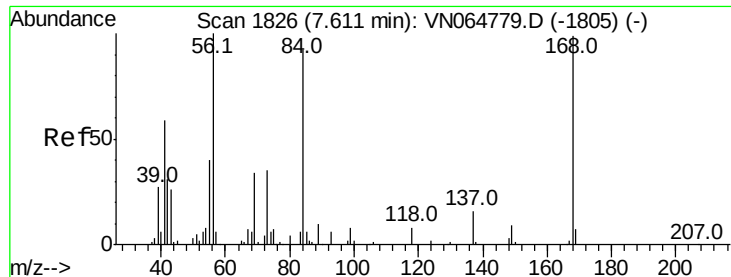
Tot Ion: 43 Resp: 4235
Ion Ratio Lower Upper
43 100
72 21.4 21.0 31.6



#29
Tetrahydrofuran
Concen: 0.370 ug/l
RT: 7.18 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

Tgt Ion: 42 Resp: 267
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 0.0 33.6 50.4#





#31

Cyclohexane

Concen: 1.385 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

COMP-56-67DL

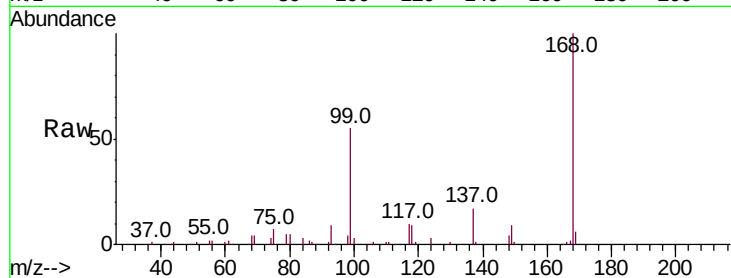
Tot Ion: 56 Resp: 3787

Ion Ratio Lower Upper

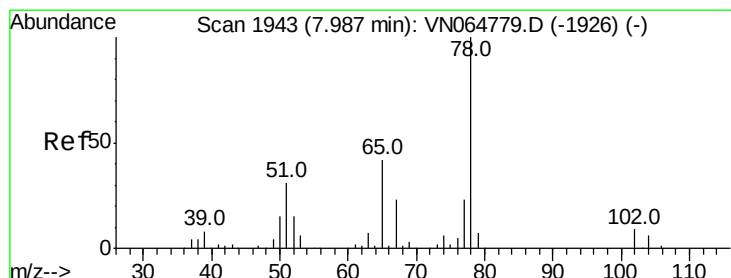
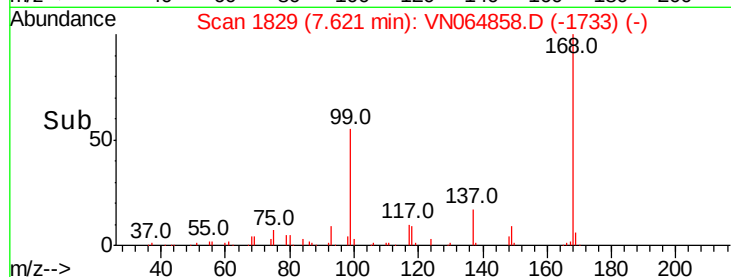
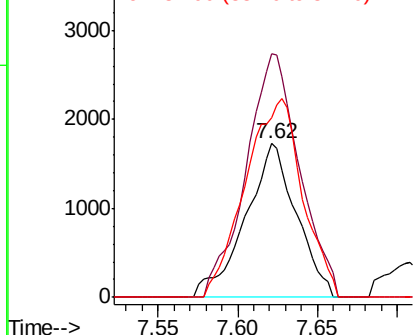
56 100

69 158.4 27.5 41.3#

84 116.9 73.9 110.9#



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



#33

1,2-Dichloroethane-d4

Concen: 53.317 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064858.D

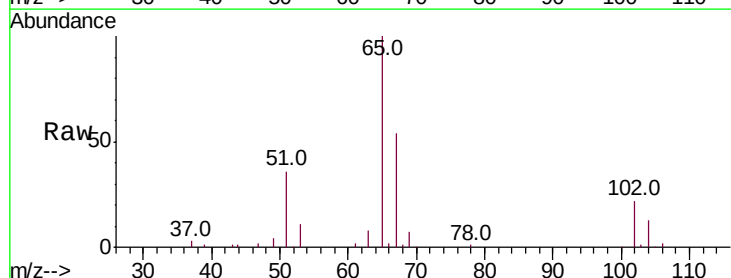
Acq: 25 Nov 2020 16:06

Tgt Ion: 65 Resp: 104584

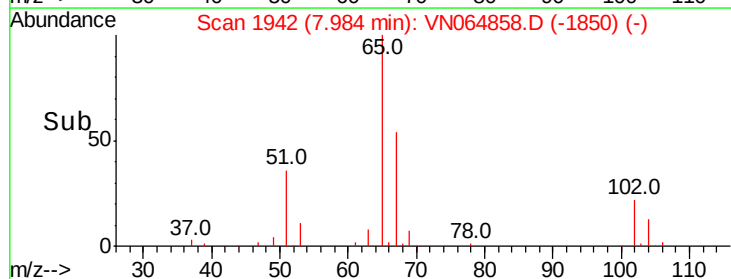
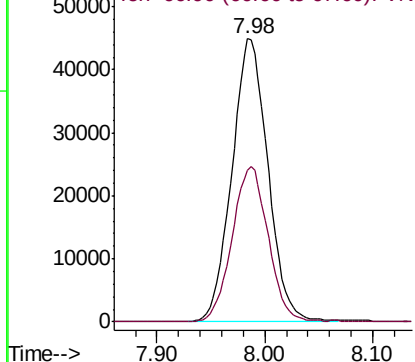
Ion Ratio Lower Upper

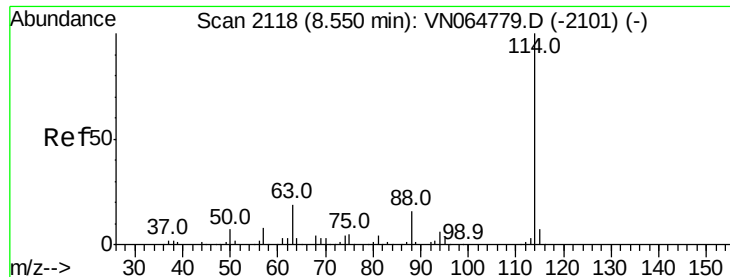
65 100

67 54.8 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

COMP-56-67DL

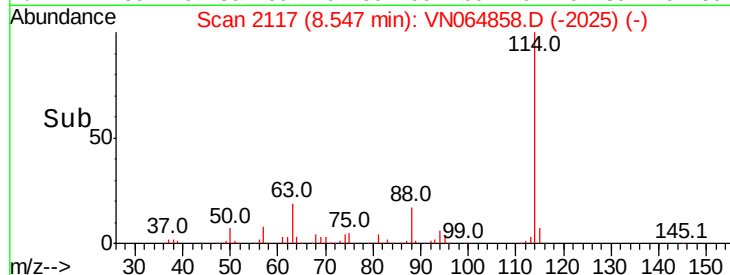
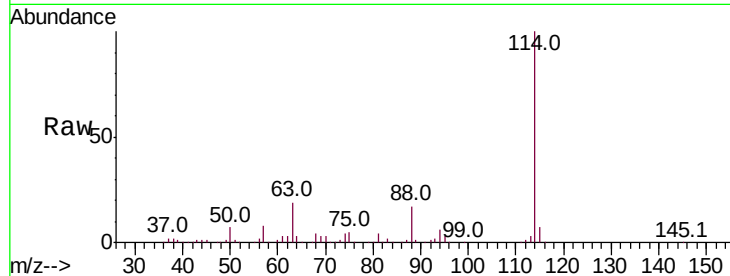
Tot Ion:114 Resp: 317539

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

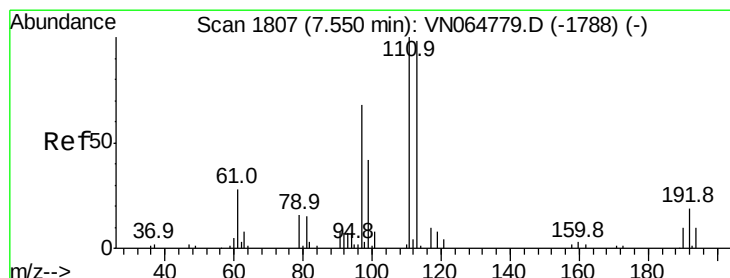
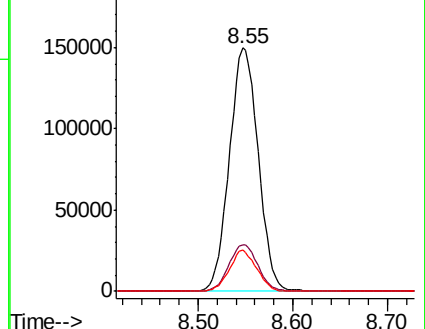
88 16.8 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.263 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

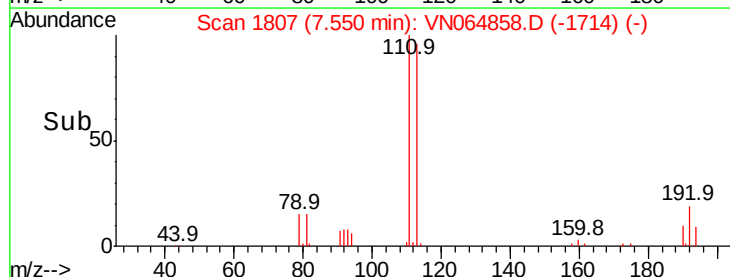
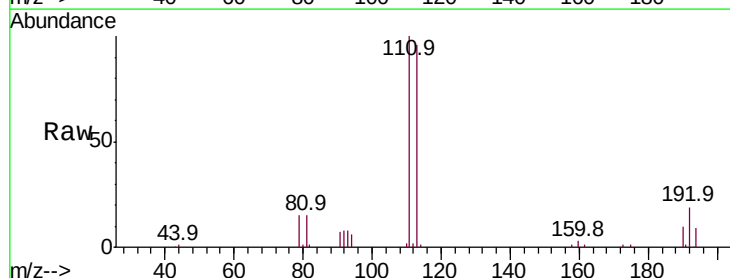
Tgt Ion:113 Resp: 95503

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

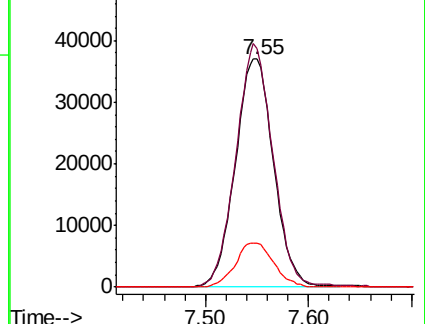
192 19.5 16.2 24.2

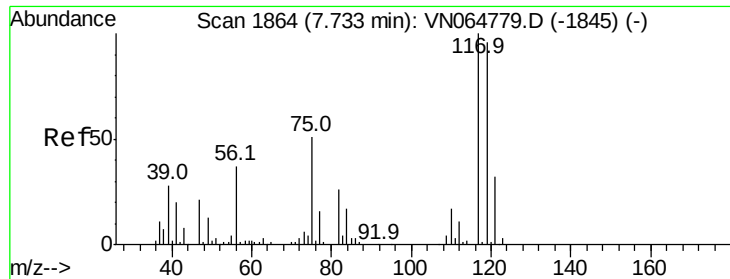


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

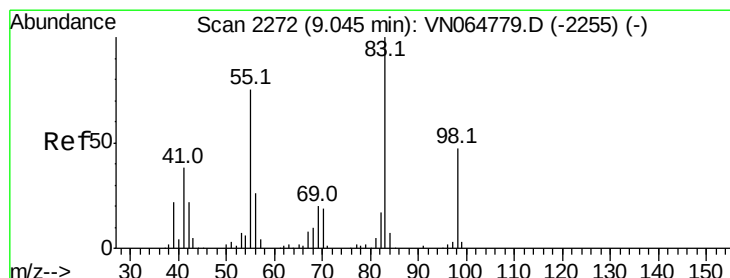
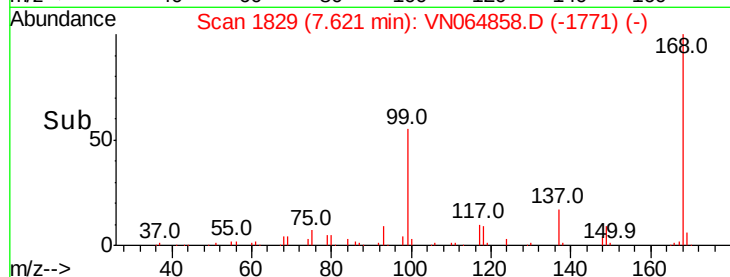
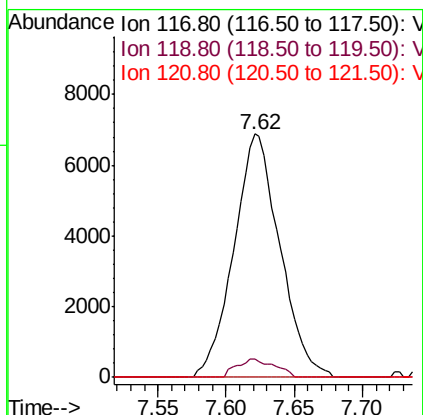
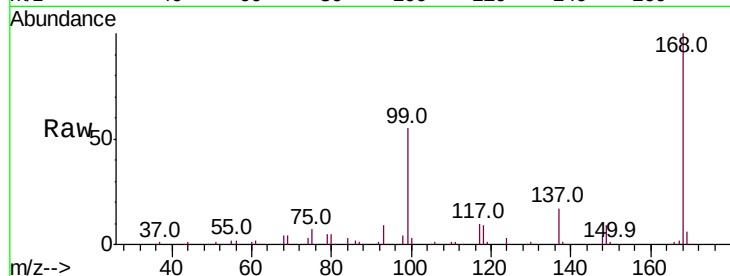




#38
Carbon Tetrachloride
Concen: 5.254 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. -0.11 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

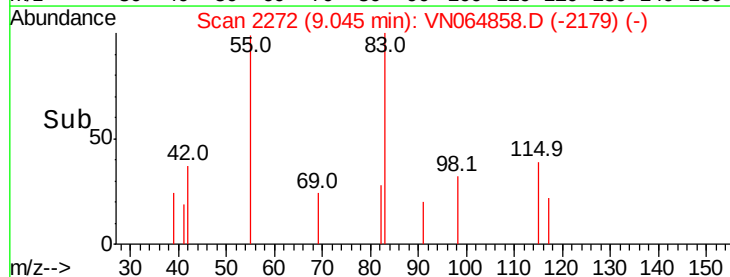
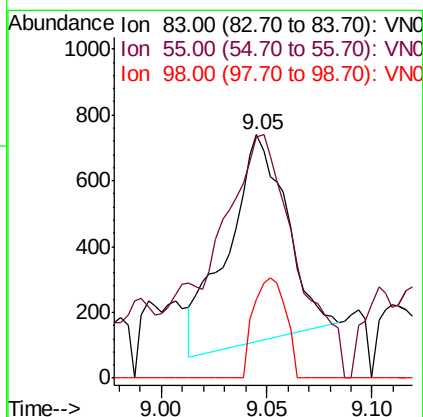
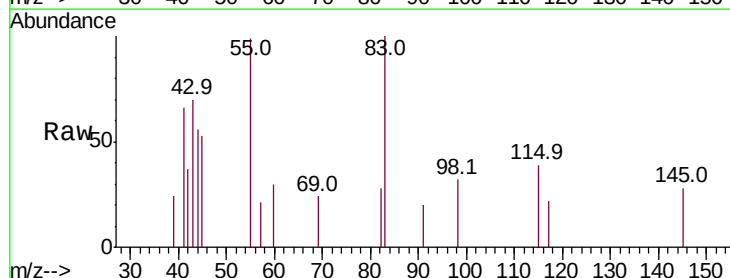
Instrument :
MSVOA_N
ClientSampleId :
COMP-56-67DL

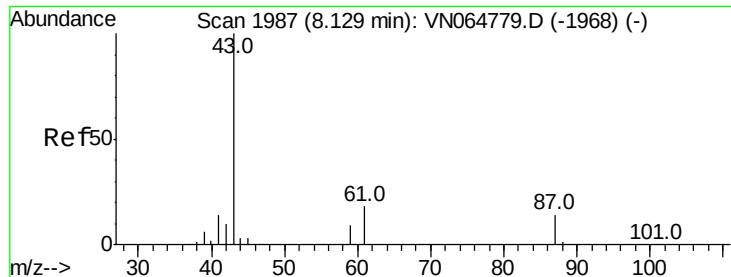
Tot Ion:117 Resp: 16090
Ion Ratio Lower Upper
117 100
119 7.8 76.7 115.1#
121 0.0 25.4 38.2#



#39
Methylcyclohexane
Concen: 0.384 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

Tgt Ion: 83 Resp: 1218
Ion Ratio Lower Upper
83 100
55 101.2 60.2 90.2#
98 41.9 37.4 56.2





#43

Isopropyl Acetate

Concen: 3.611 ug/l

RT: 8.25 min Scan# 2024

Delta R.T. 0.12 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

COMP-56-67DL

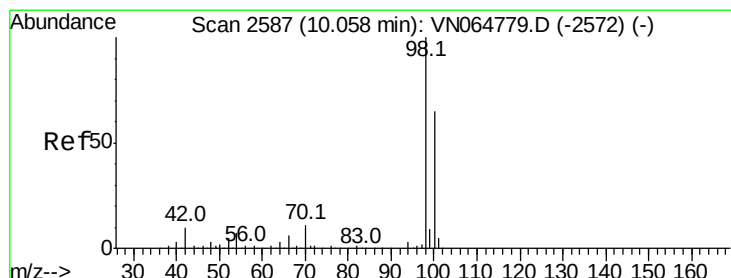
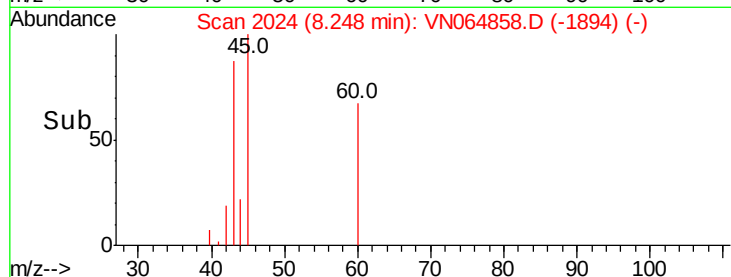
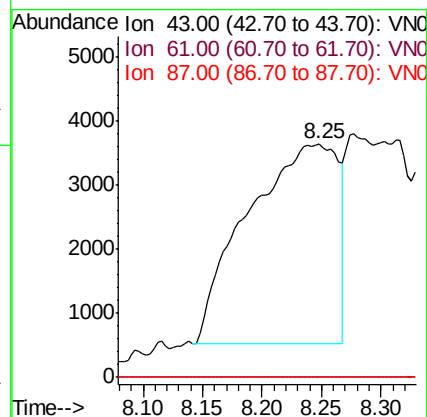
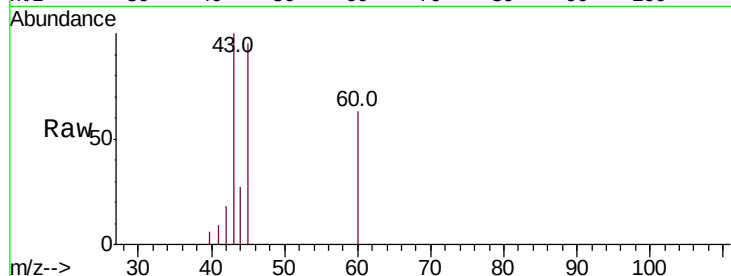
Tot Ion: 43 Resp: 16476

Ion Ratio Lower Upper

43 100

61 0.0 17.2 25.8#

87 0.0 11.4 17.0#



#50

Toluene-d8

Concen: 51.249 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064858.D

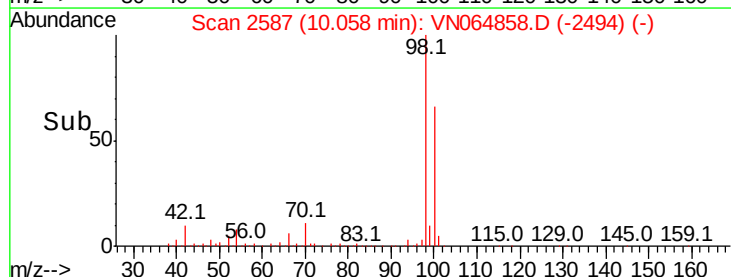
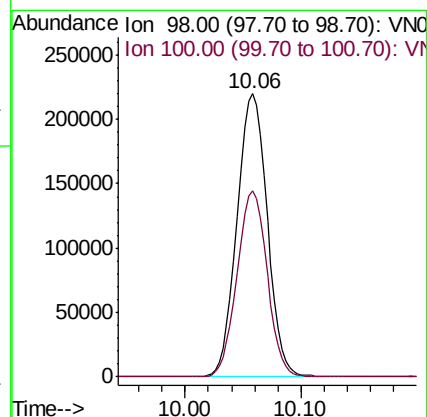
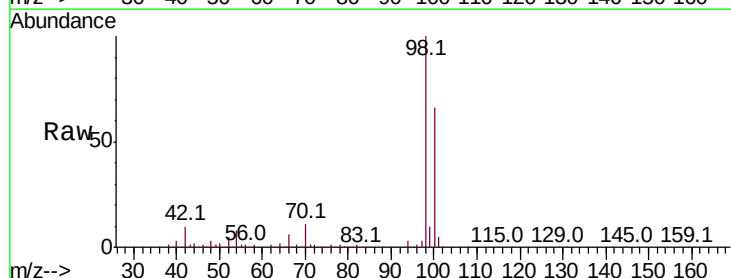
Acq: 25 Nov 2020 16:06

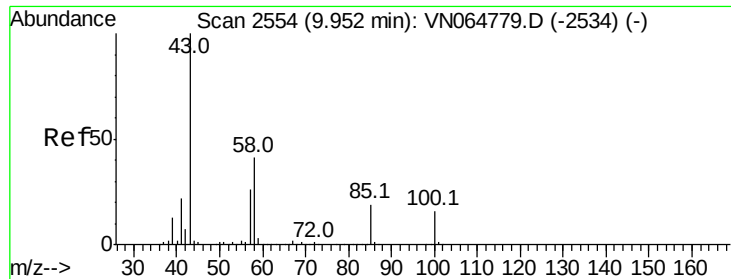
Tgt Ion: 98 Resp: 397869

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5

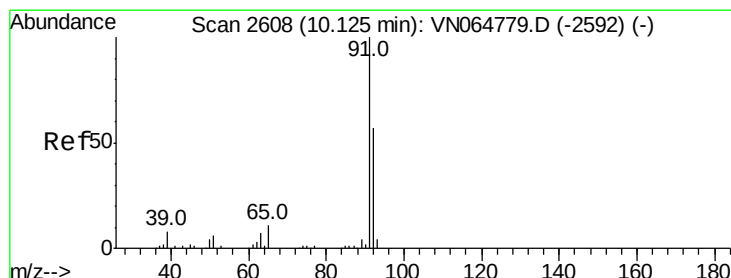
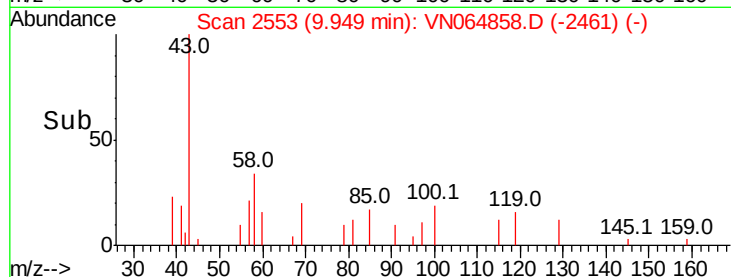
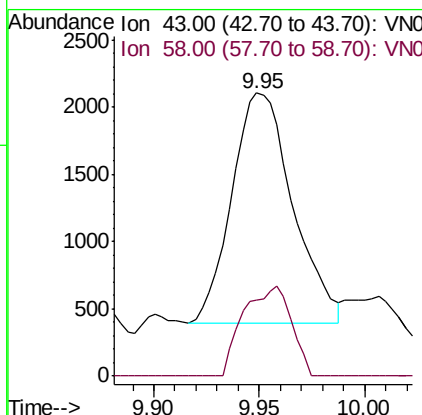
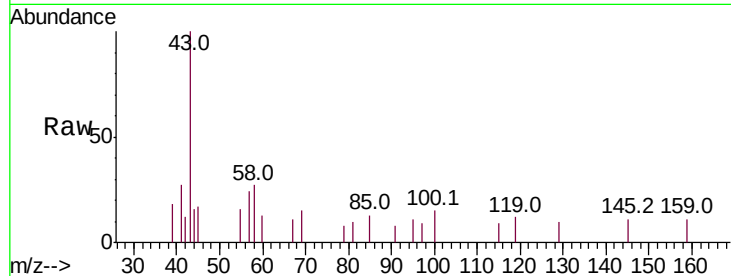




#51
4-Methyl-2-Pentanone
Concen: 1.256 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

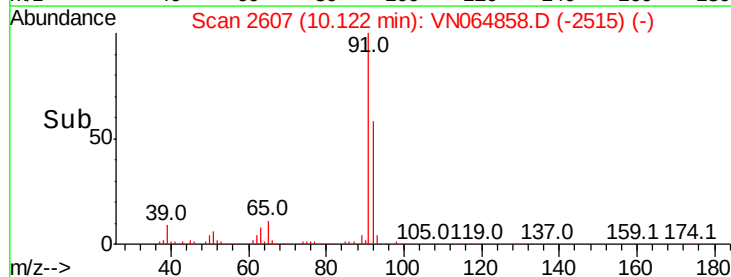
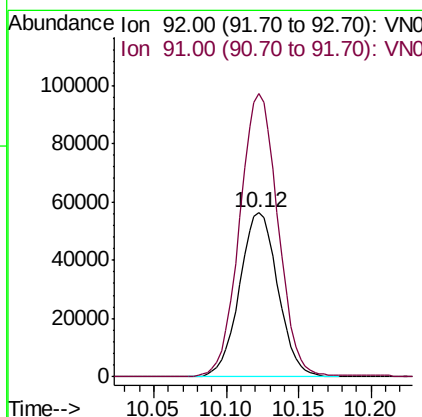
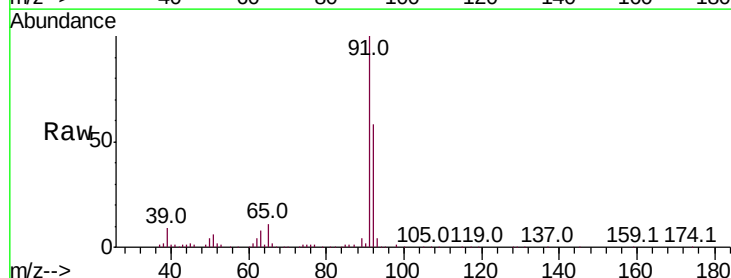
Instrument :
MSVOA_N
ClientSampleId :
COMP-56-67DL

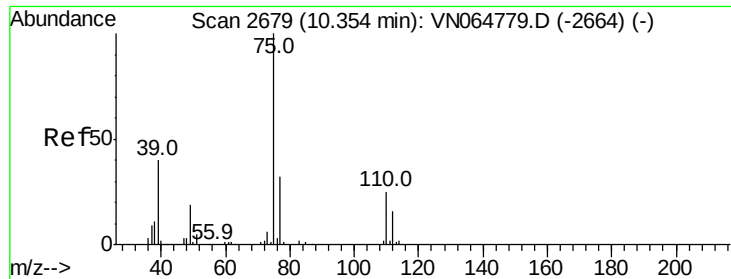
Tot Ion: 43 Resp: 3439
Ion Ratio Lower Upper
43 100
58 30.7 32.4 48.6#



#52
Toluene
Concen: 18.506 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

Tgt Ion: 92 Resp: 102792
Ion Ratio Lower Upper
92 100
91 174.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 0.205 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

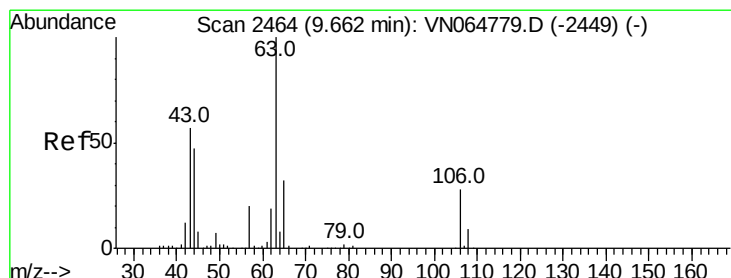
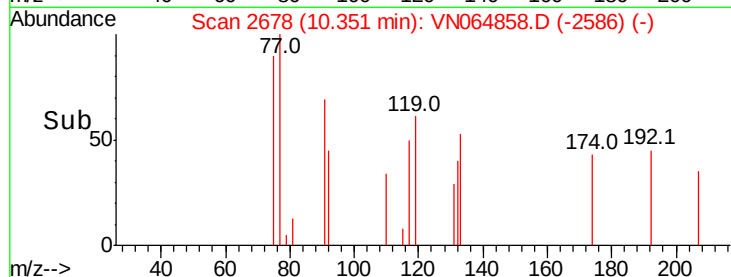
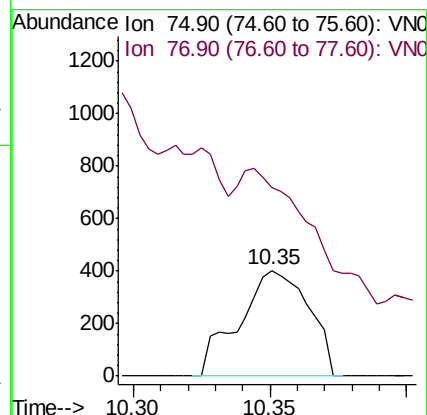
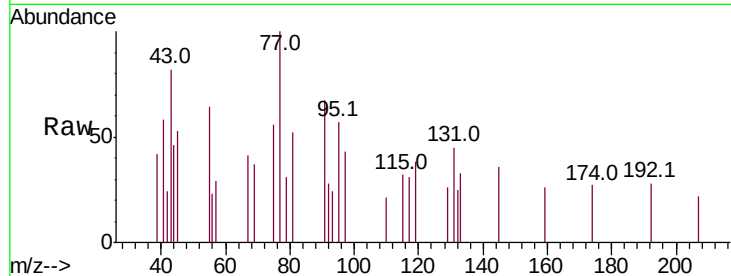
COMP-56-67DL

Tot Ion: 75 Resp: 717

Ion Ratio Lower Upper

75 100

77 81.3 25.8 38.6#



#58

2-Chloroethyl Vinyl ether

Concen: 0.427 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN064858.D

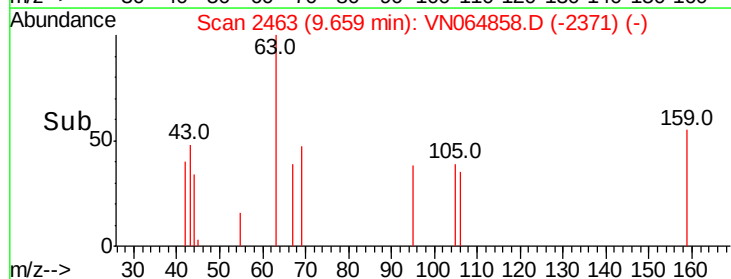
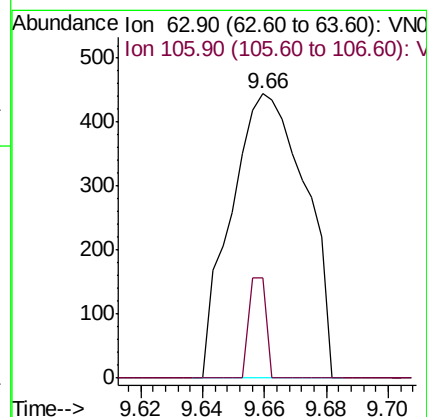
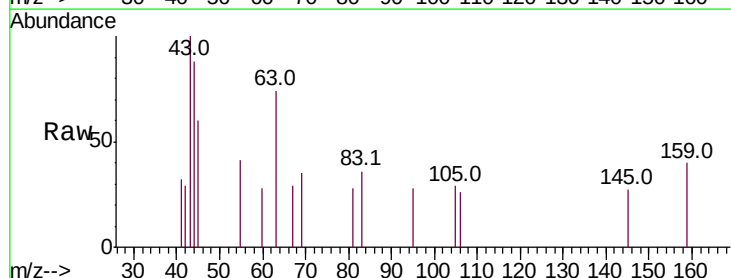
Acq: 25 Nov 2020 16:06

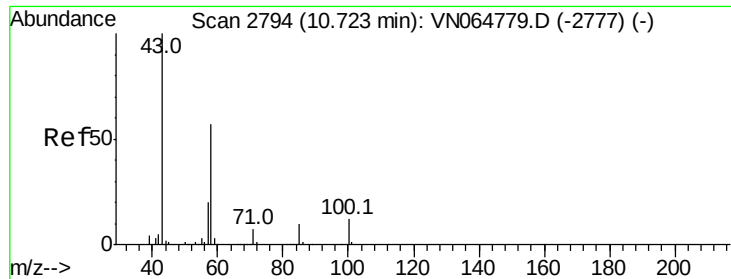
Tgt Ion: 63 Resp: 741

Ion Ratio Lower Upper

63 100

106 8.1 22.7 34.1#

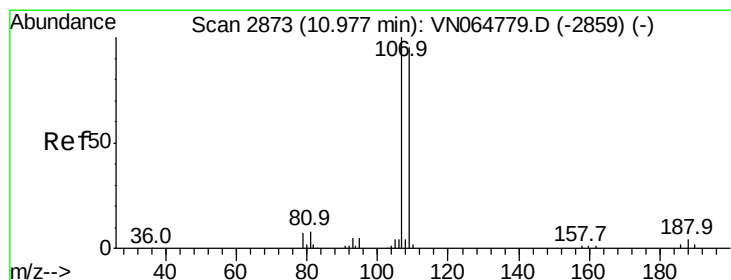
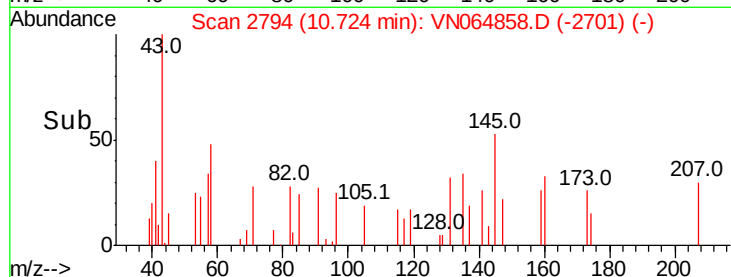
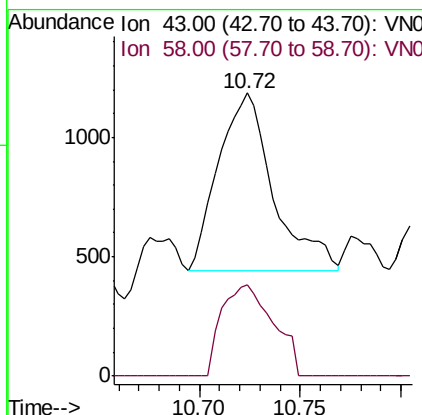
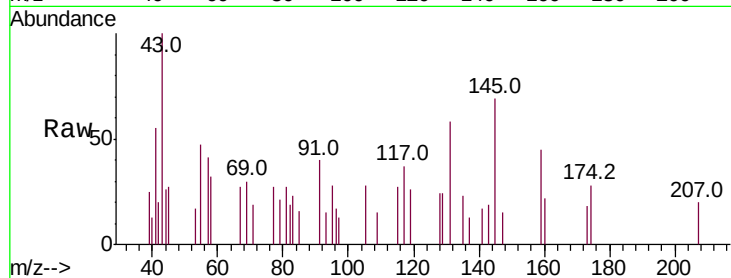




#59
2-Hexanone
Concen: 0.717 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

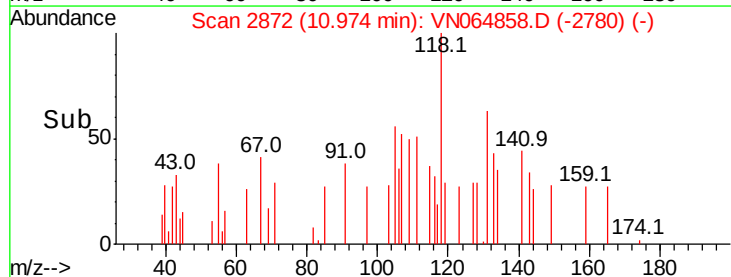
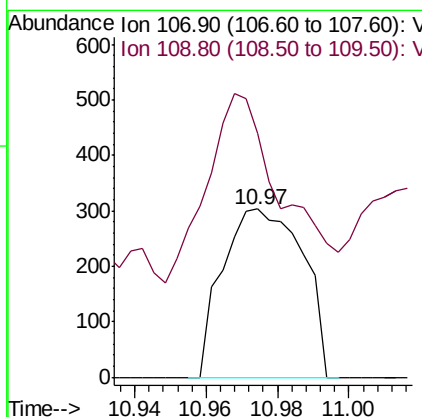
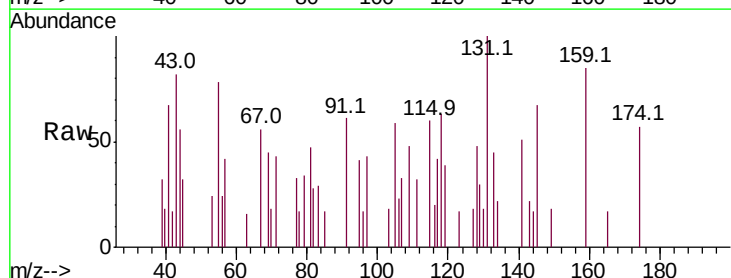
Instrument :
MSVOA_N
ClientSampled :
COMP-56-67DL

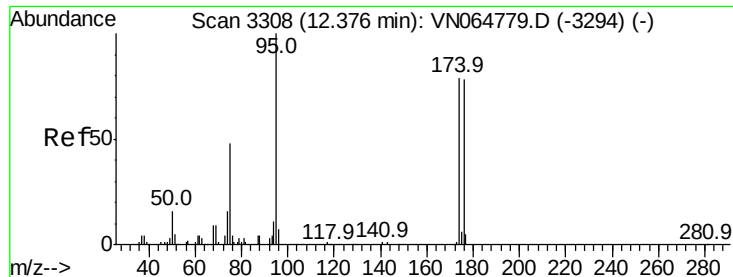
Tot Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
58 48.5 28.3 84.9



#61
1,2-Dibromoethane
Concen: 0.203 ug/l
RT: 10.97 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

Tgt Ion: 107 Resp: 471
Ion Ratio Lower Upper
107 100
109 103.8 76.0 114.0





#62

4-Bromofluorobenzene

Concen: 60.897 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

COMP-56-67DL

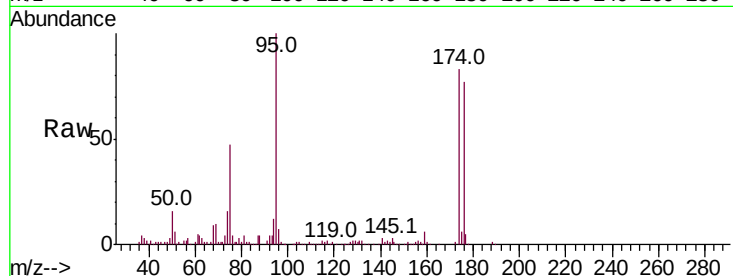
Tot Ion: 95 Resp: 169195

Ion Ratio Lower Upper

95 100

174 84.7 0.0 160.4

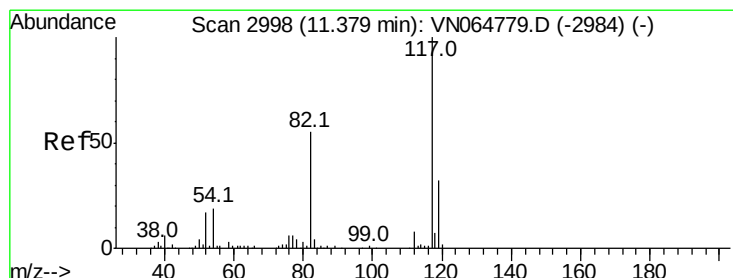
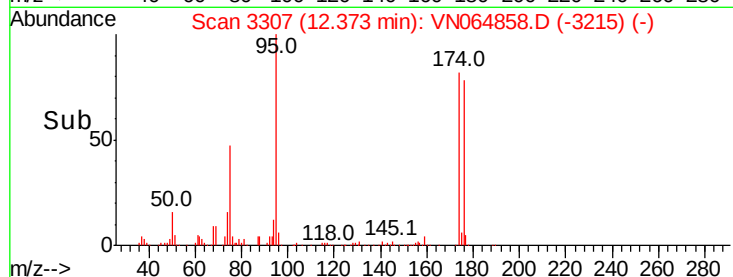
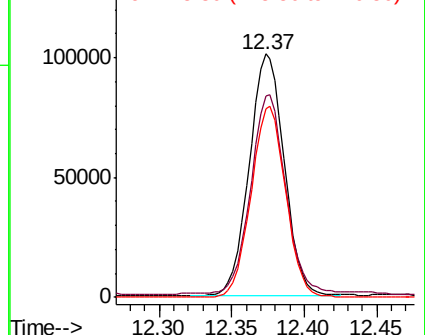
176 78.4 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

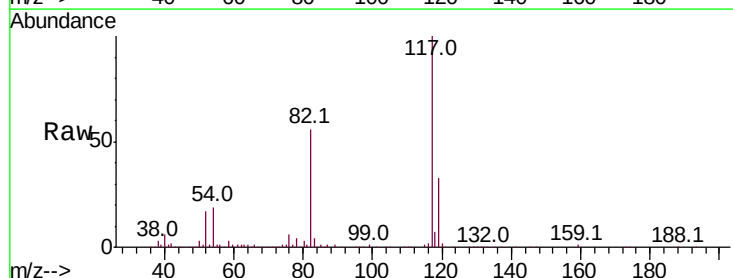
Tgt Ion: 117 Resp: 334705

Ion Ratio Lower Upper

117 100

82 55.5 44.2 66.2

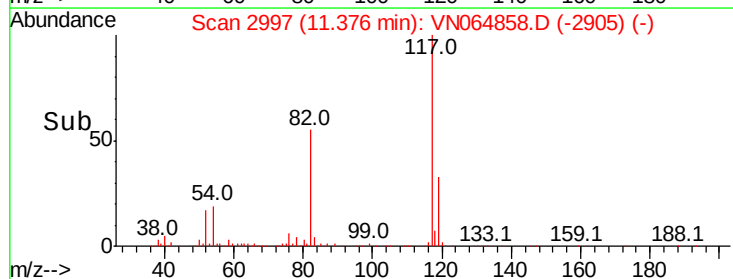
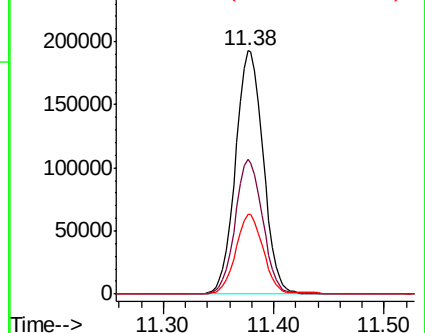
119 32.6 25.8 38.6

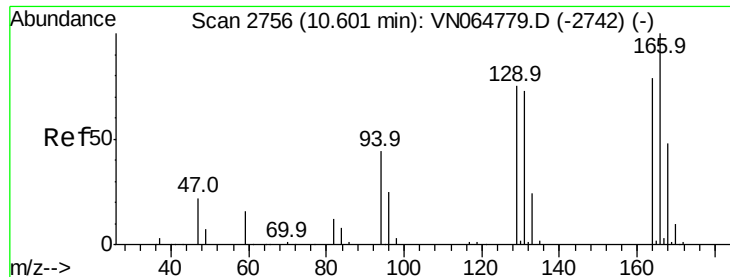


Abundance Ion 116.90 (116.60 to 117.60): VN064779.D (-2984) (-)

Ion 82.00 (81.70 to 82.70): VN064779.D (-2984) (-)

Ion 118.90 (118.60 to 119.60): VN064779.D (-2984) (-)





#64

Tetrachloroethene

Concen: 0.210 ug/l

RT: 10.61 min Scan# 2758

Delta R.T. 0.01 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

COMP-56-67DL

Tot Ion:164 Resp: 685

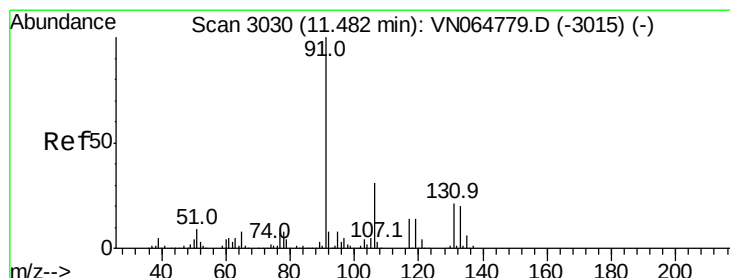
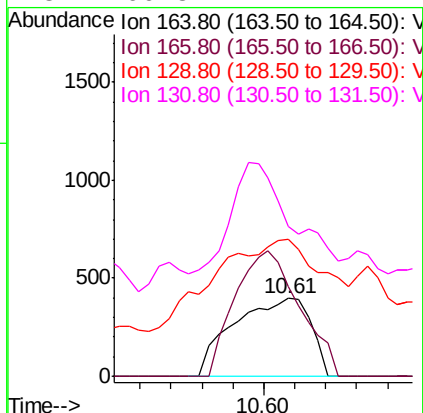
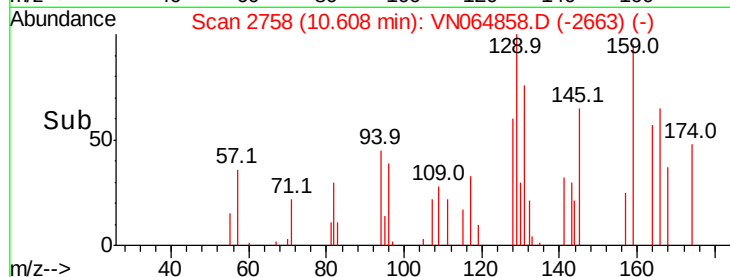
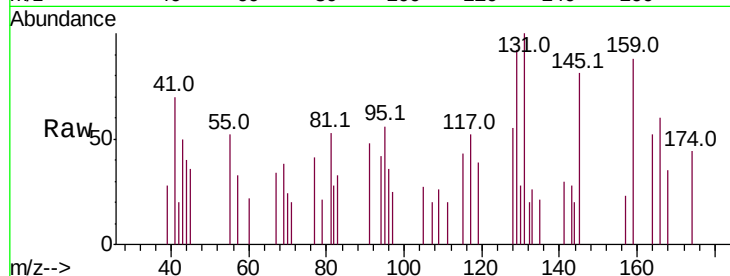
Ion Ratio Lower Upper

164 100

166 115.3 101.4 152.0

129 68.8 76.1 114.1#

131 60.8 74.2 111.2#



#67

Ethyl Benzene

Concen: 0.404 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064858.D

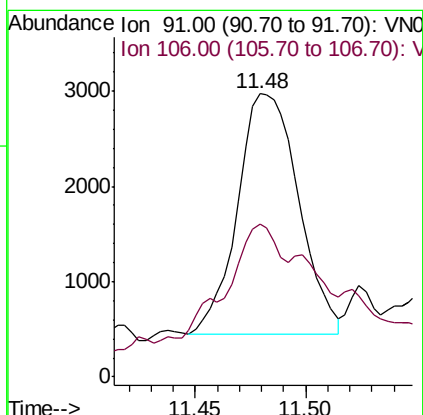
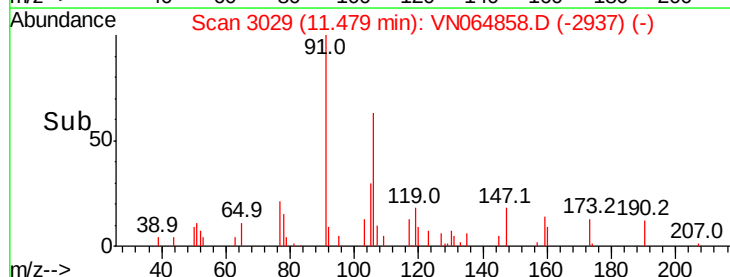
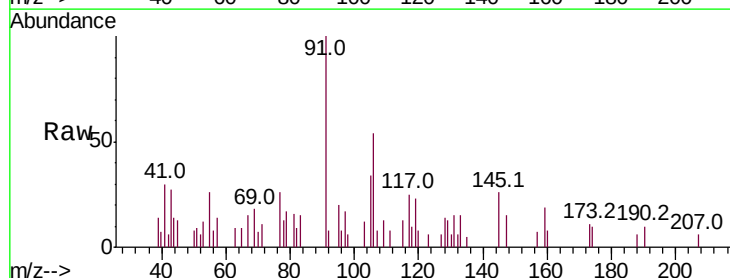
Acq: 25 Nov 2020 16:06

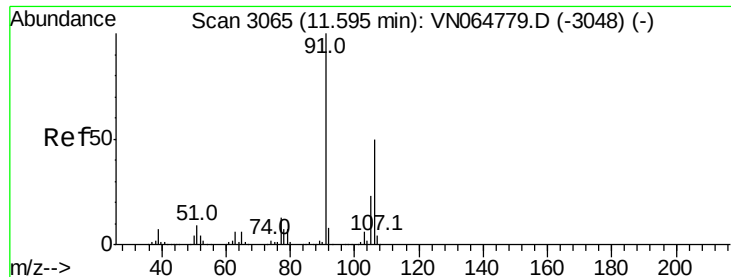
Tgt Ion: 91 Resp: 4850

Ion Ratio Lower Upper

91 100

106 44.5 25.2 37.8#





#68

m/p-Xylenes

Concen: 1.012 ug/l

RT: 11.59 min Scan# 3063

Delta R.T. -0.01 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

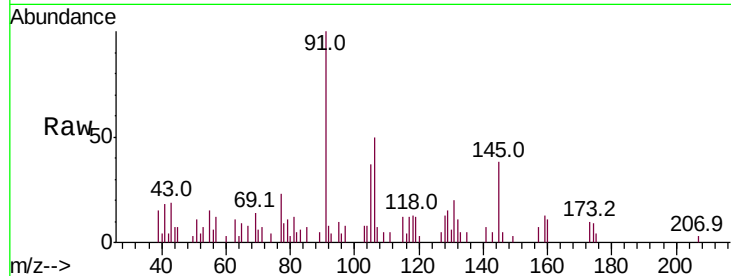
COMP-56-67DL

Tot Ion:106 Resp: 4602

Ion Ratio Lower Upper

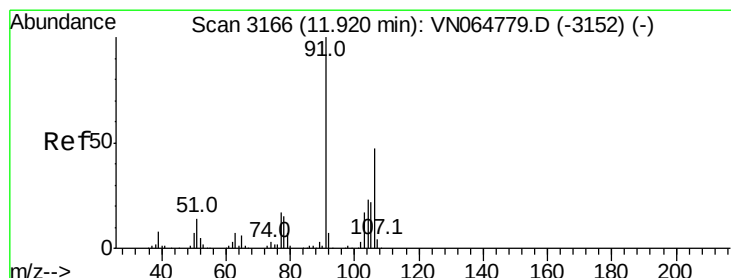
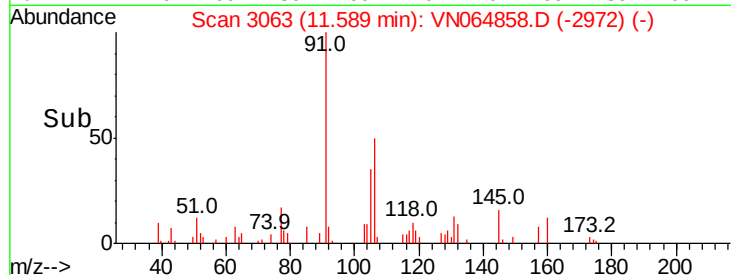
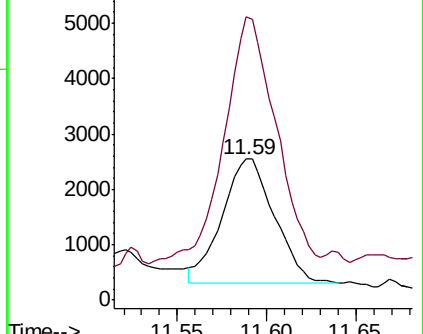
106 100

91 196.8 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.585 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN064858.D

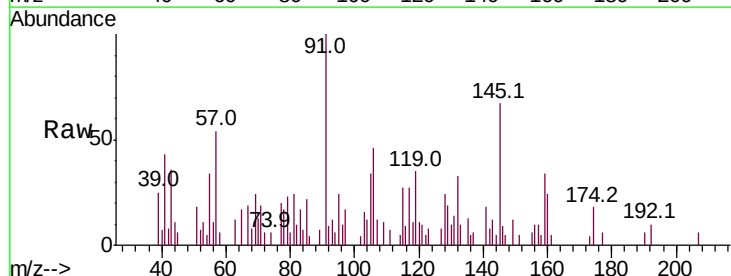
Acq: 25 Nov 2020 16:06

Tgt Ion:106 Resp: 2524

Ion Ratio Lower Upper

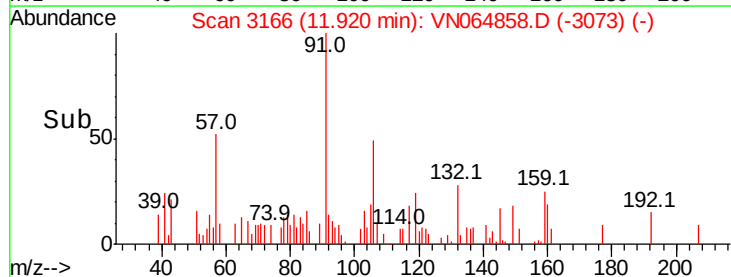
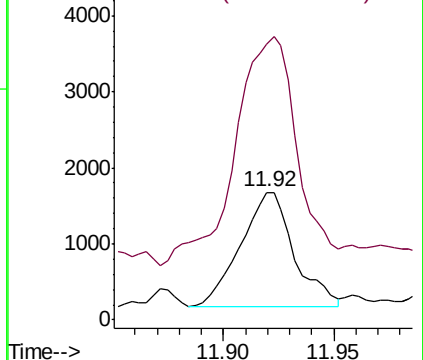
106 100

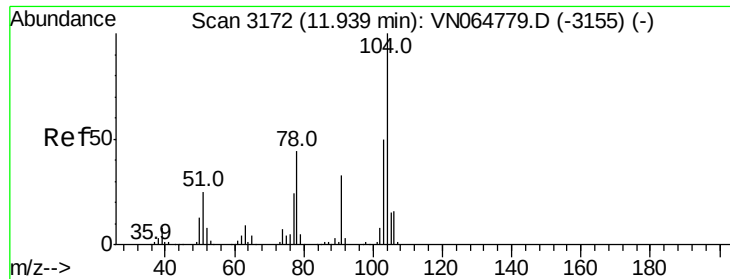
91 234.1 105.5 316.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#70

Stvrene

Concen: 0.327 ug/l

RT: 11.94 min Scan# 3171

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

COMP-56-67DL

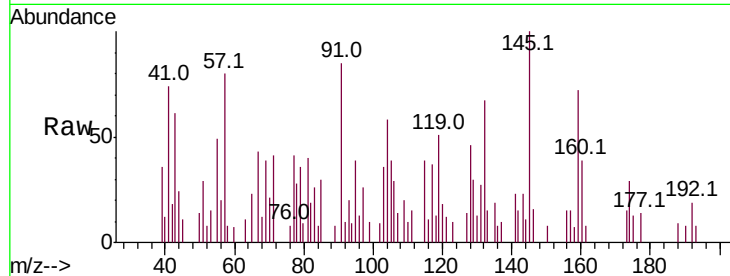
Tot Ion:104 Resp: 2384

Ion Ratio Lower Upper

104 100

78 29.3 39.0 58.6#

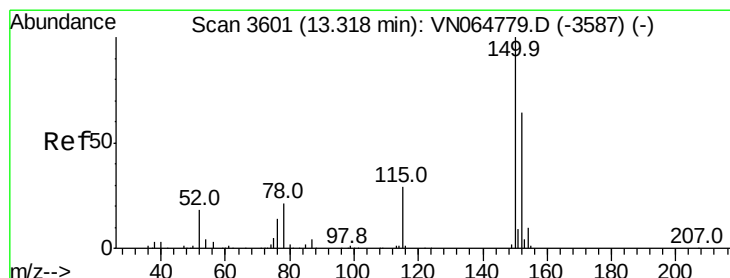
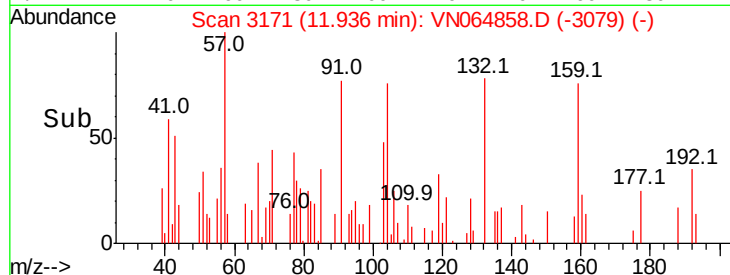
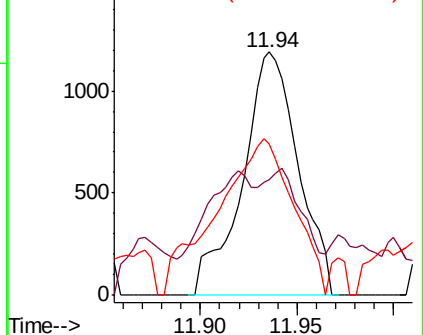
103 88.7 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

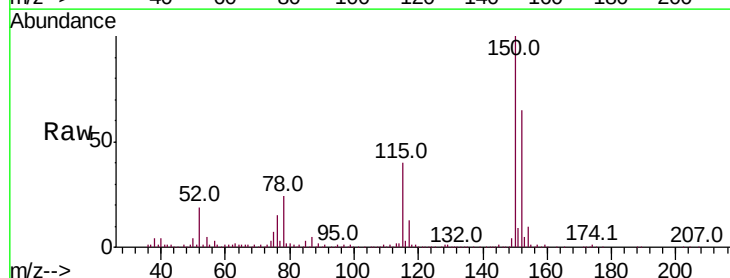
Tgt Ion:152 Resp: 166023

Ion Ratio Lower Upper

152 100

115 58.5 29.7 89.1

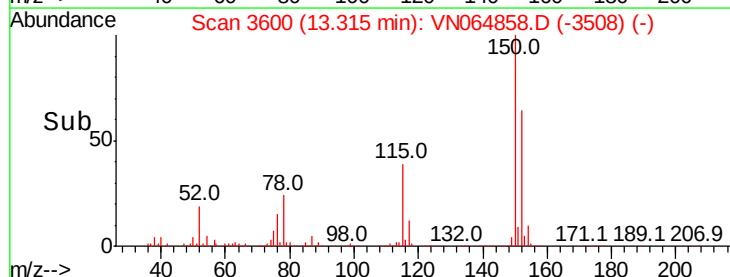
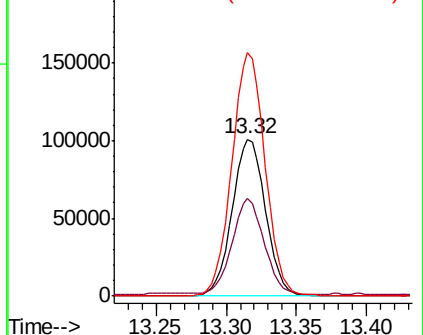
150 155.8 0.0 350.6

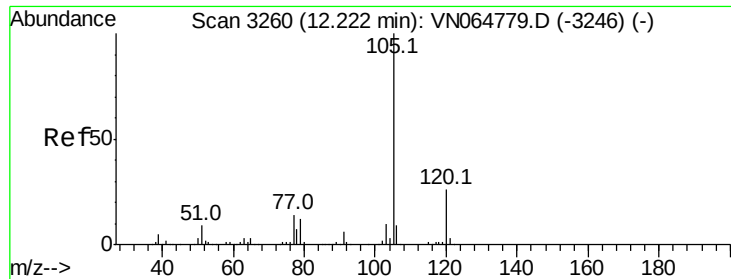


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.427 ug/l

RT: 12.22 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

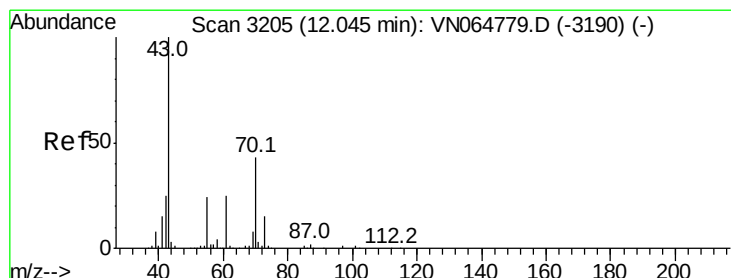
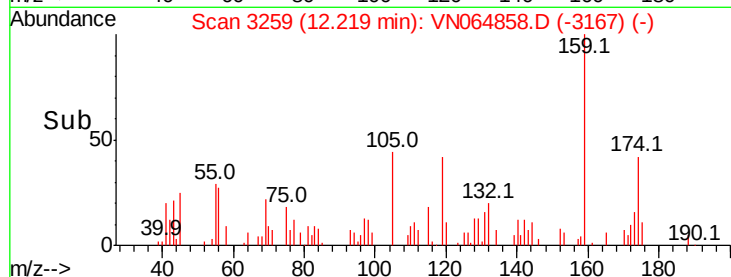
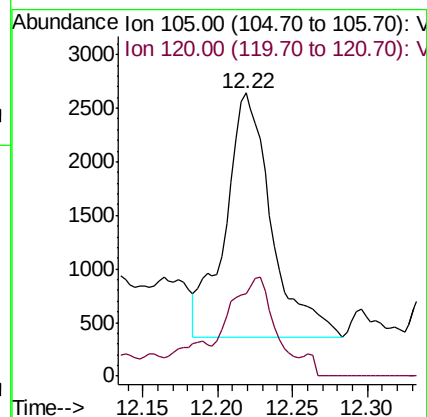
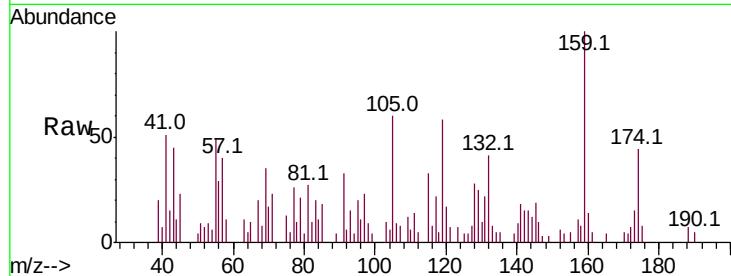
COMP-56-67DL

Tot Ion:105 Resp: 4926

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.9



#74

N-ethyl acetate

Concen: 3.693 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Tgt Ion: 43 Resp: 16782

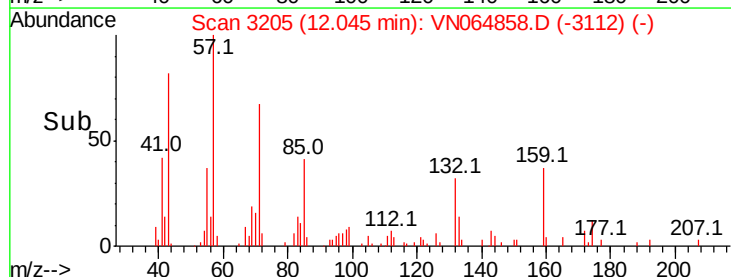
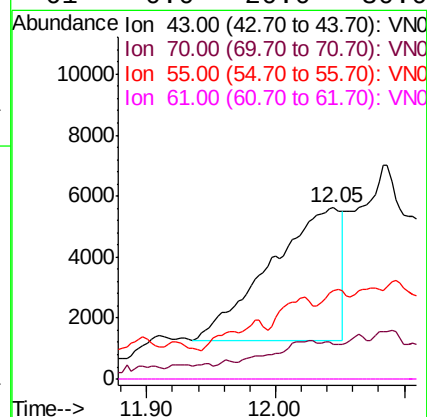
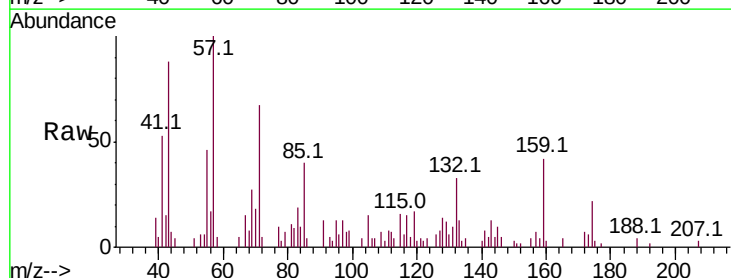
Ion Ratio Lower Upper

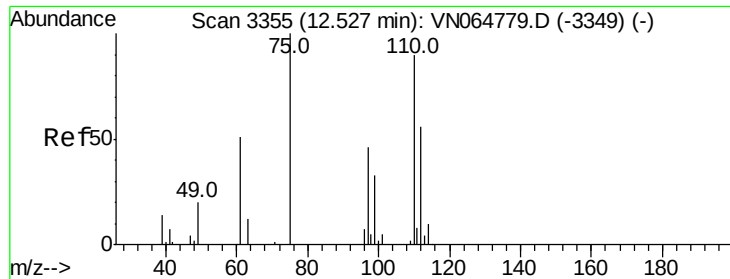
43 100

70 0.0 34.5 51.7#

55 0.0 20.4 30.6#

61 0.0 20.0 30.0#





#76

1,2,3-Trichloropropane

Concen: 22.292 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

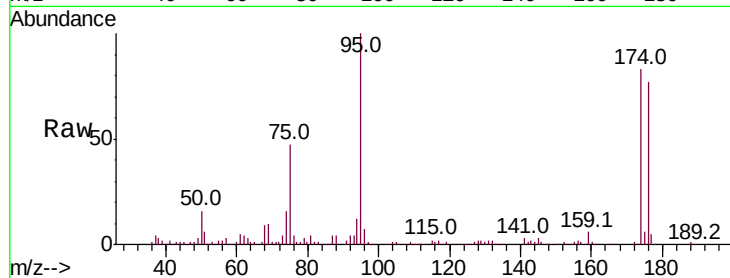
COMP-56-67DL

Tot Ion: 75 Resp: 79705

Ion Ratio Lower Upper

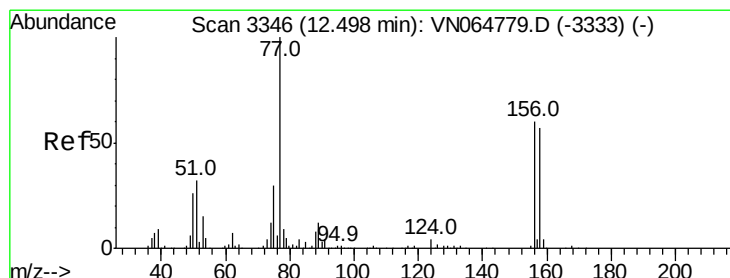
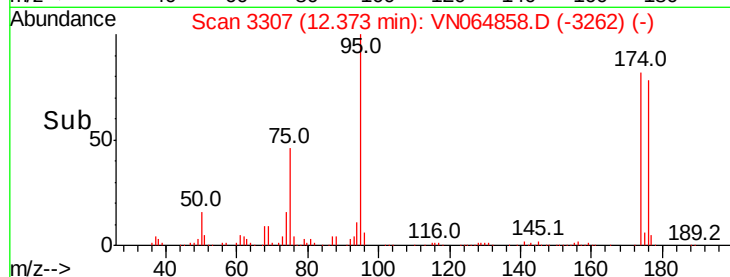
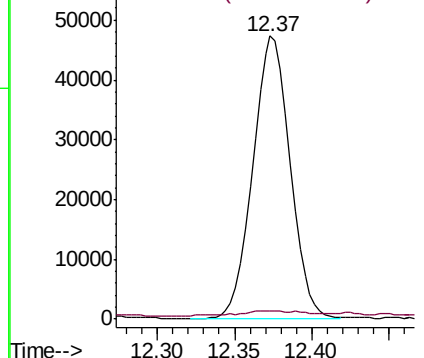
75 100

77 2.6 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: 0.422 ug/l

RT: 12.59 min Scan# 3373

Delta R.T. 0.09 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

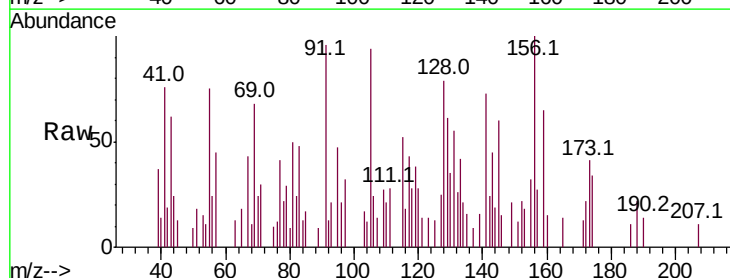
Tgt Ion: 156 Resp: 1314

Ion Ratio Lower Upper

156 100

77 19.3 101.3 303.7#

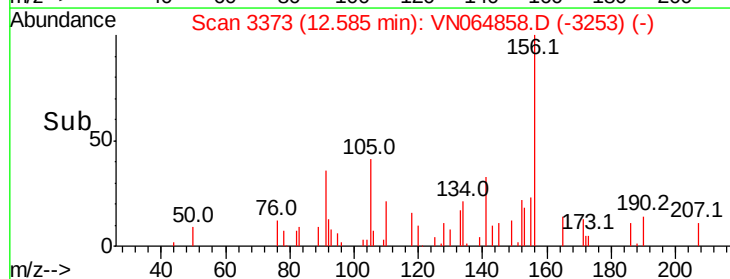
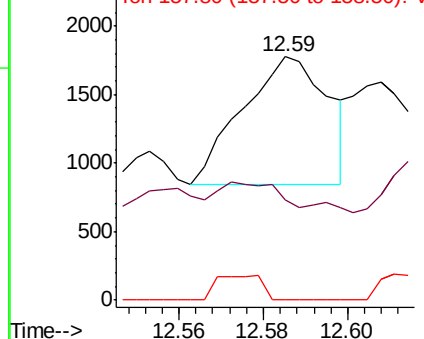
158 10.4 48.2 144.6#

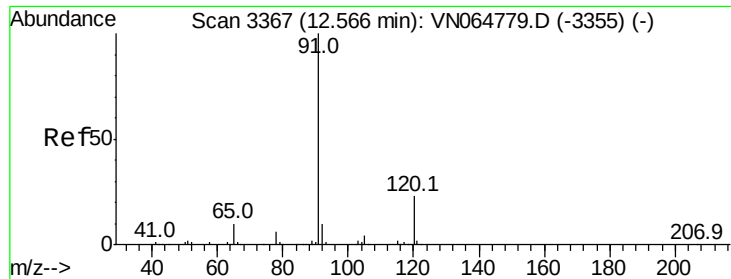


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 0.541 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

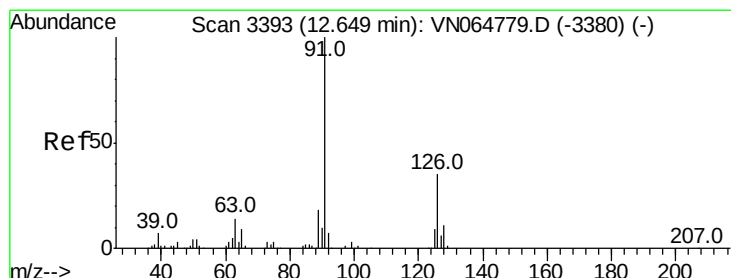
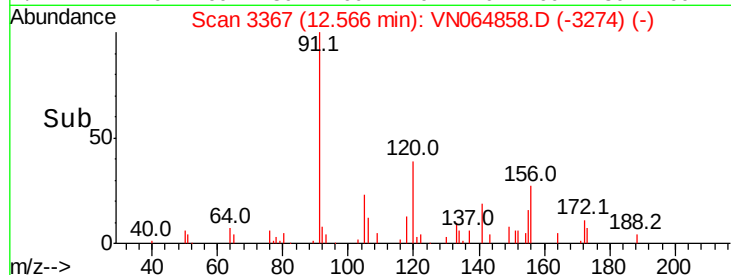
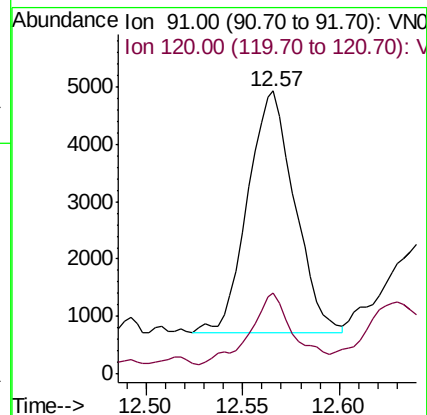
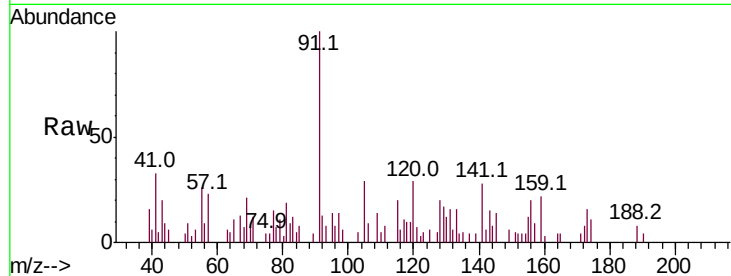
COMP-56-67DL

Tot Ion: 91 Resp: 7122

Ion Ratio Lower Upper

91 100

120 27.4 11.6 34.7



#79

2-Chlorotoluene

Concen: 0.508 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064858.D

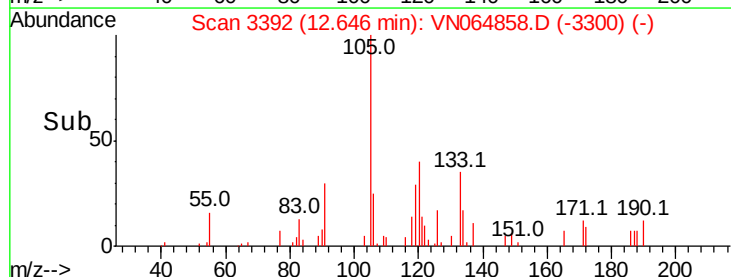
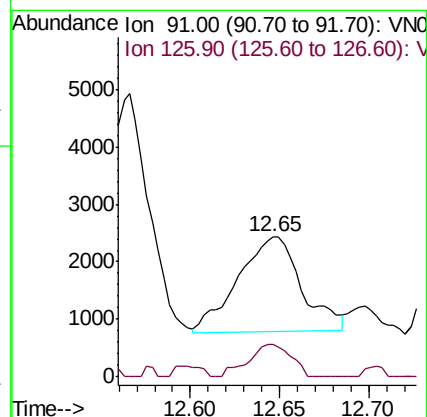
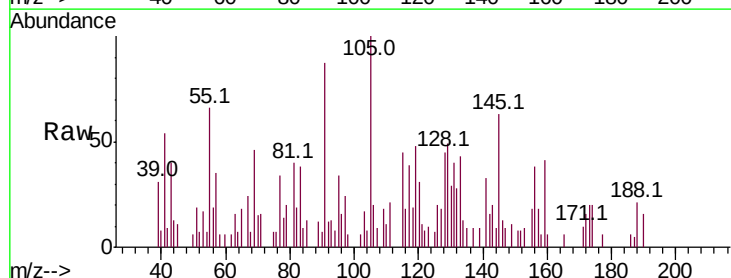
Acq: 25 Nov 2020 16:06

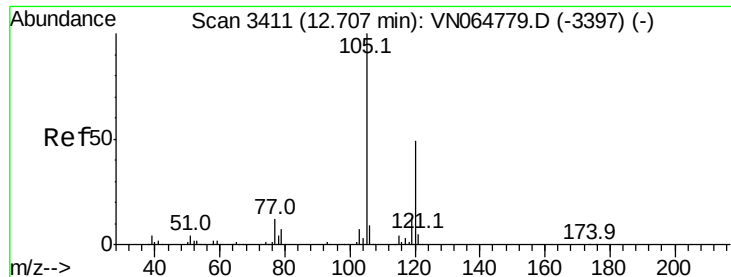
Tgt Ion: 91 Resp: 4127

Ion Ratio Lower Upper

91 100

126 23.0 17.2 51.6

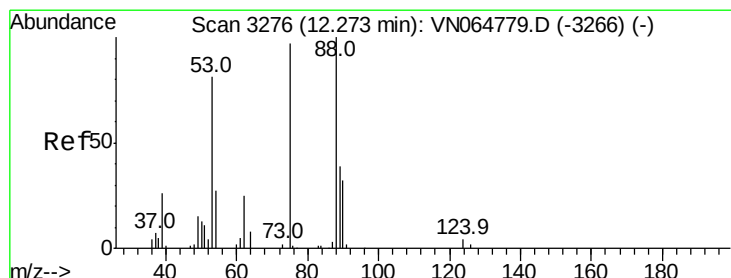
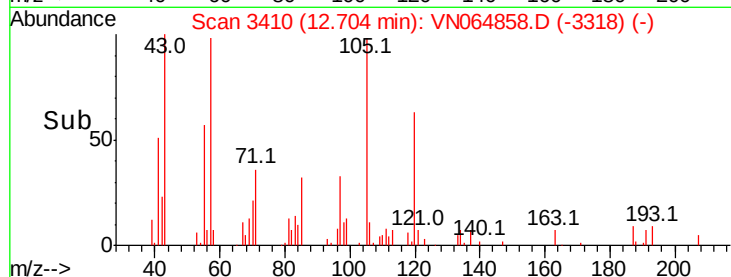
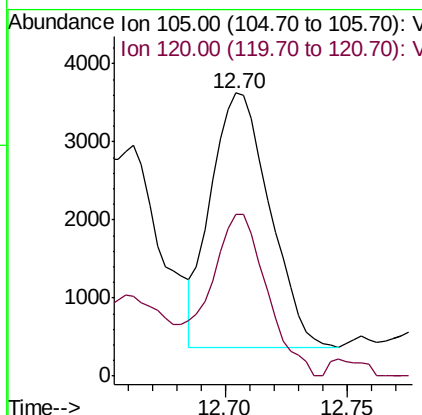
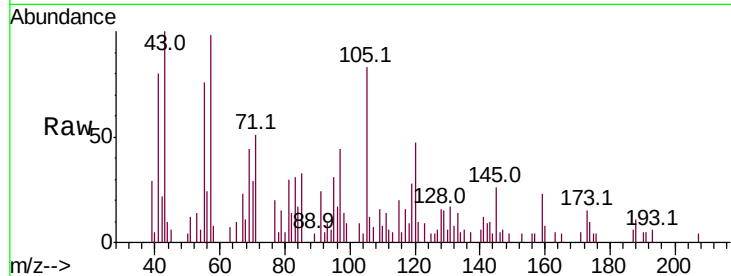




#80
 1,3,5-Trimethylbenzene
 Concen: 0.567 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064858.D
 Acq: 25 Nov 2020 16:06

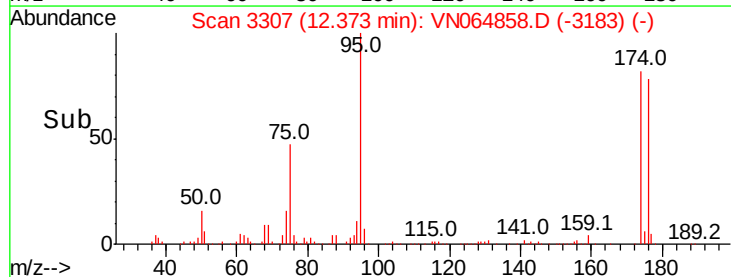
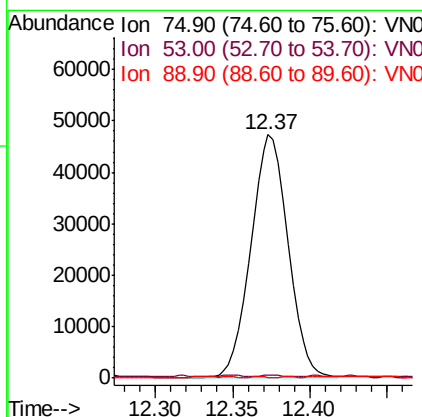
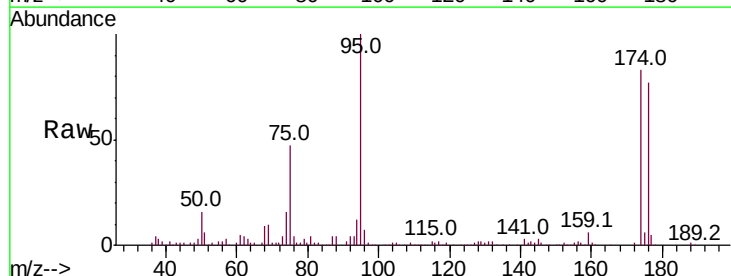
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-56-67DL

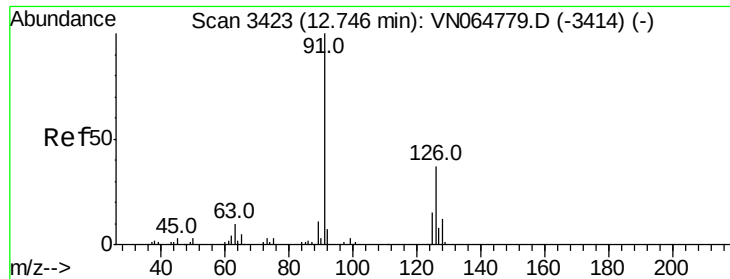
Tot Ion:105 Resp: 5443
 Ion Ratio Lower Upper
 105 100
 120 62.5 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.098 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN064858.D
 Acq: 25 Nov 2020 16:06

Tgt Ion: 75 Resp: 79705
 Ion Ratio Lower Upper
 75 100
 53 0.3 67.0 100.4#
 89 0.2 39.6 59.4#

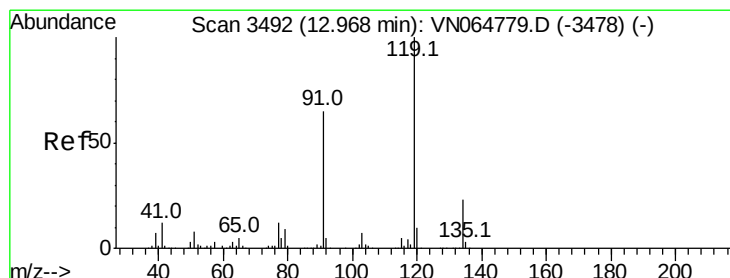
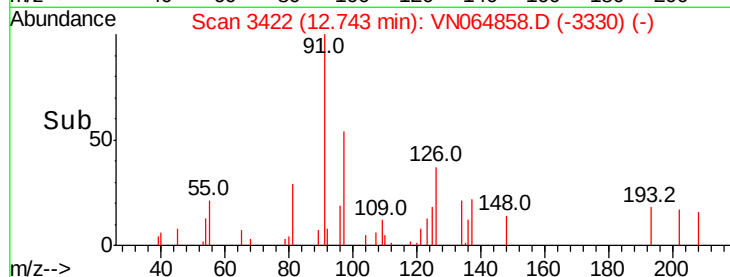
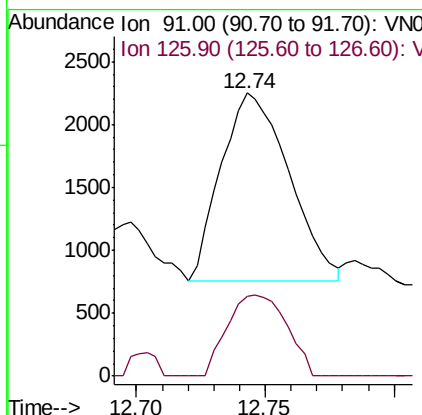
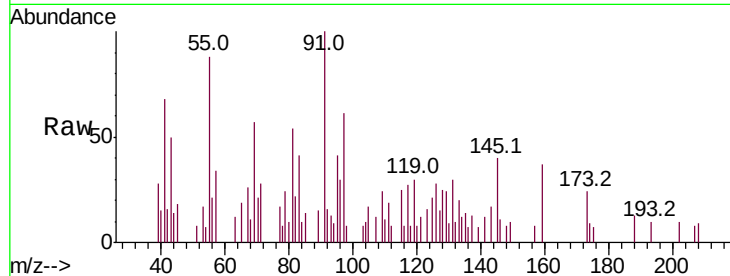




#82
4-Chlorotoluene
Concen: 0.324 ug/l
RT: 12.74 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

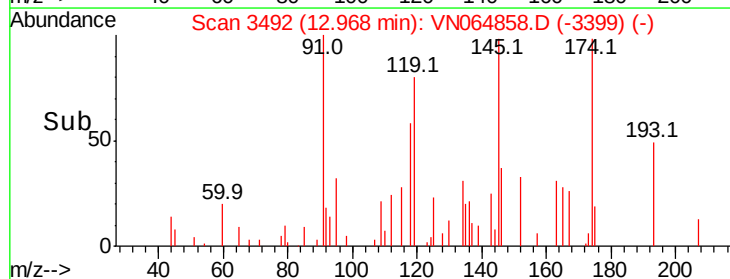
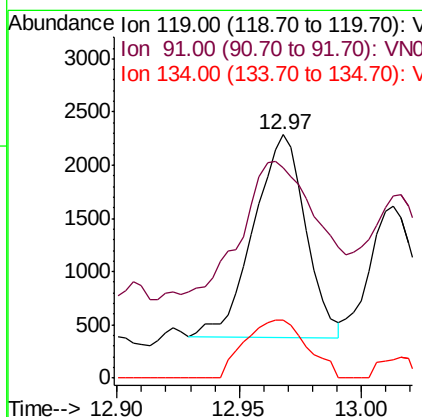
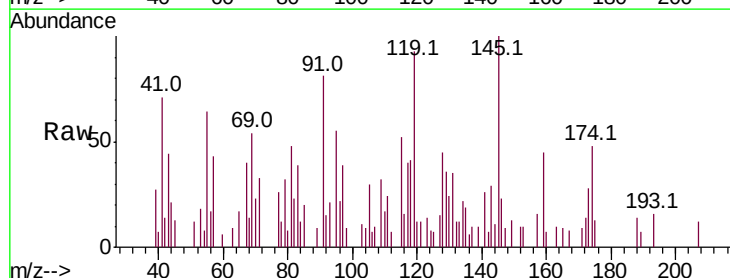
Instrument :
MSVOA_N
ClientSampleId :
COMP-56-67DL

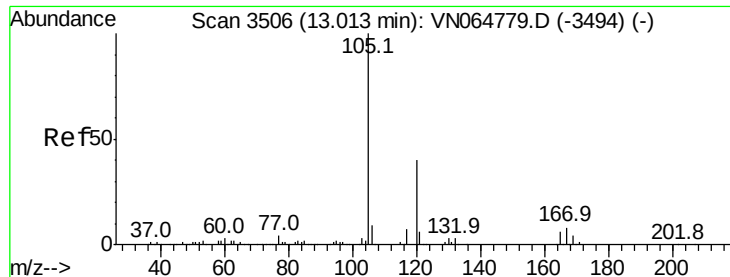
Tot Ion: 91 Resp: 2761
Ion Ratio Lower Upper
91 100
126 37.3 16.9 50.7



#83
tert-Butylbenzene
Concen: 0.351 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

Tgt Ion: 119 Resp: 2824
Ion Ratio Lower Upper
119 100
91 100.5 32.3 96.8#
134 34.0 12.6 37.6

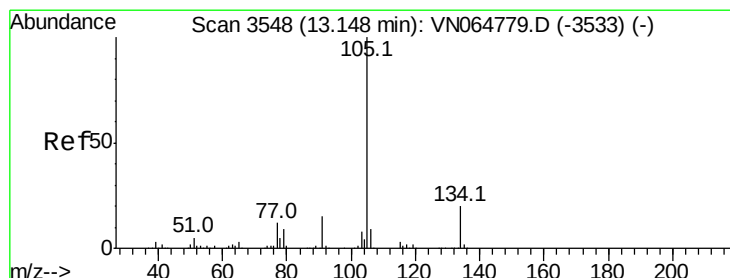
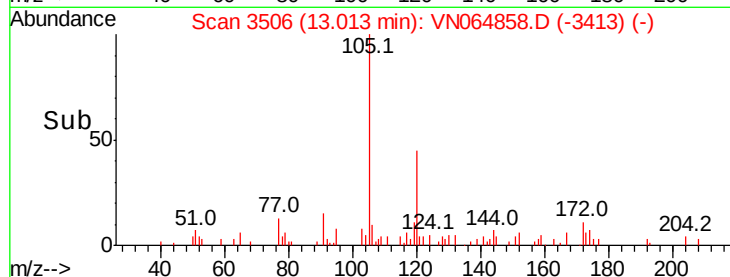
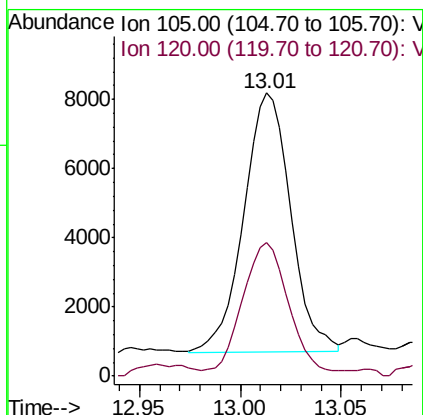
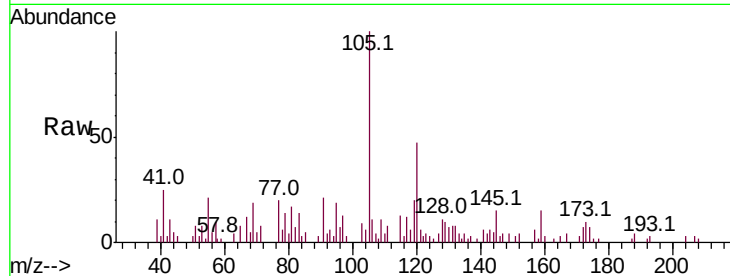




#84
 1,2,4-Trimethylbenzene
 Concen: 1.259 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064858.D
 Acq: 25 Nov 2020 16:06

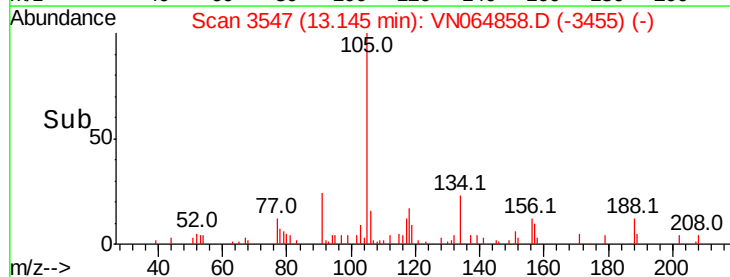
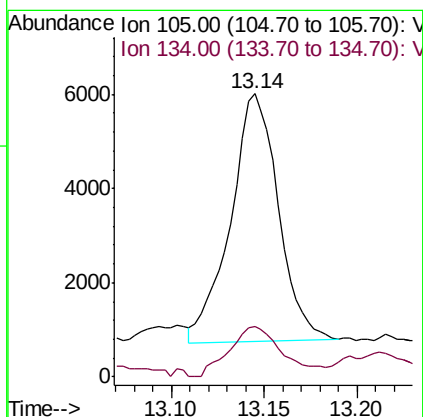
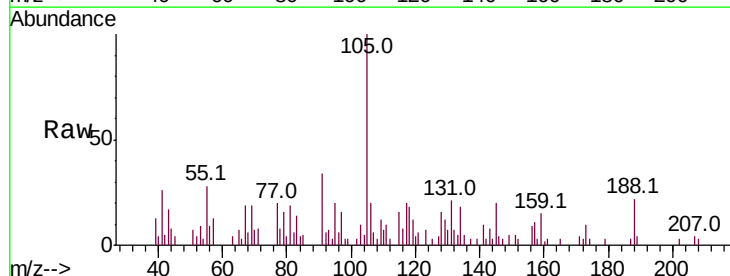
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-56-67DL

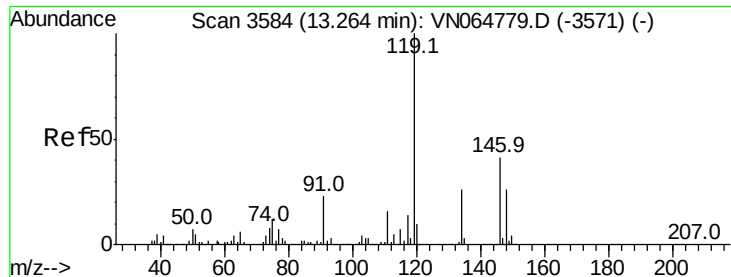
Tot Ion:105 Resp: 12214
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 0.883 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064858.D
 Acq: 25 Nov 2020 16:06

Tgt Ion:105 Resp: 9434
 Ion Ratio Lower Upper
 105 100
 134 23.2 10.1 30.1

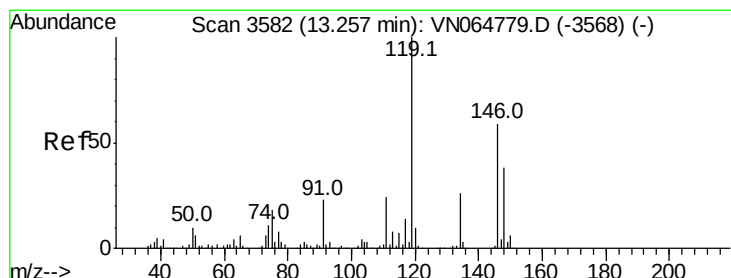
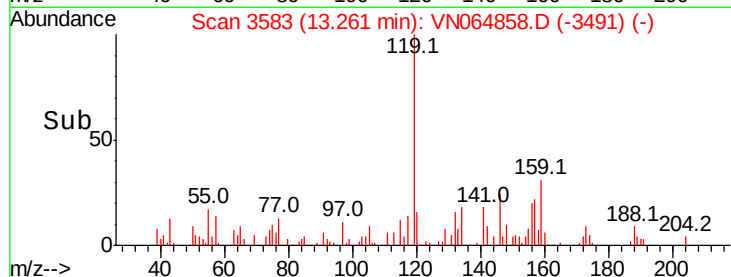
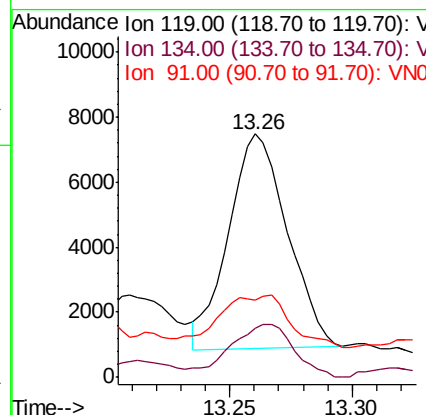
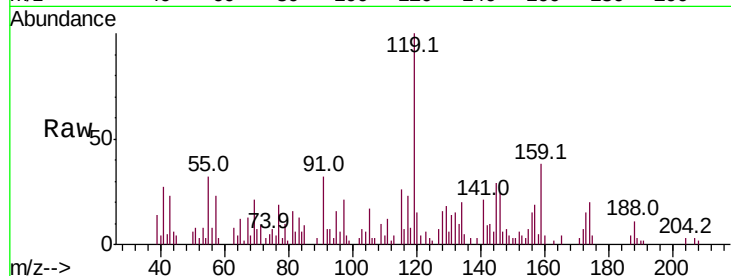




#86
p-Isopropyltoluene
Concen: 1.138 ug/l
RT: 13.26 min Scan# 3583
Delta R.T. -0.00 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

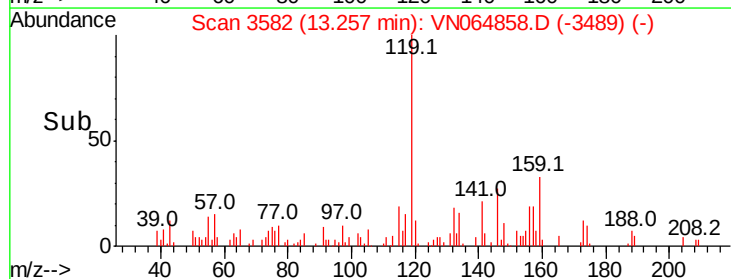
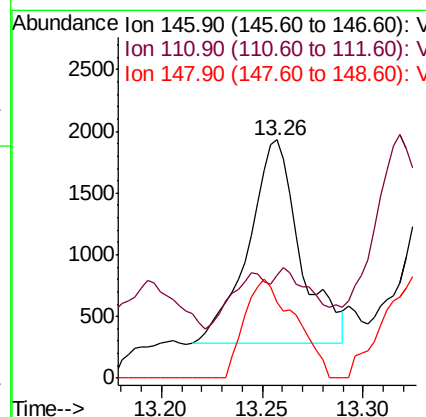
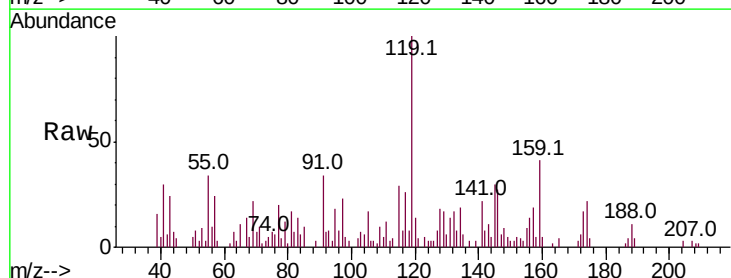
Instrument :
MSVOA_N
ClientSampleId :
COMP-56-67DL

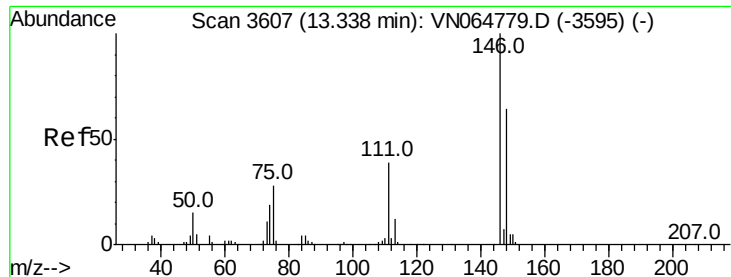
Tot Ion:119 Resp: 11066
Ion Ratio Lower Upper
119 100
134 26.4 13.1 39.1
91 29.6 11.5 34.5



#87
1,3-Dichlorobenzene
Concen: 0.538 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN064858.D
Acq: 25 Nov 2020 16:06

Tgt Ion:146 Resp: 2974
Ion Ratio Lower Upper
146 100
111 15.1 20.6 61.9#
148 47.3 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 0.456 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

COMP-56-67DL

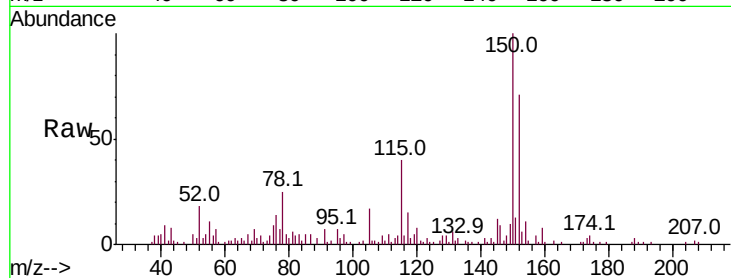
Tot Ion:146 Resp: 2670

Ion Ratio Lower Upper

146 100

111 90.7 19.8 59.3#

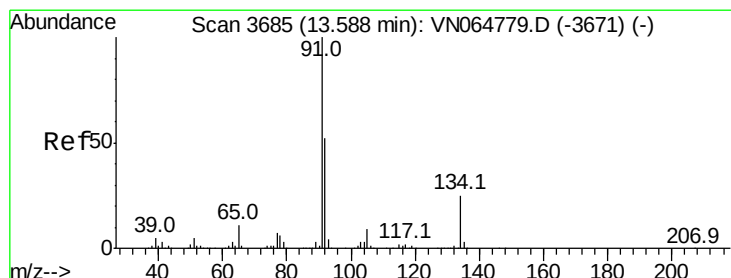
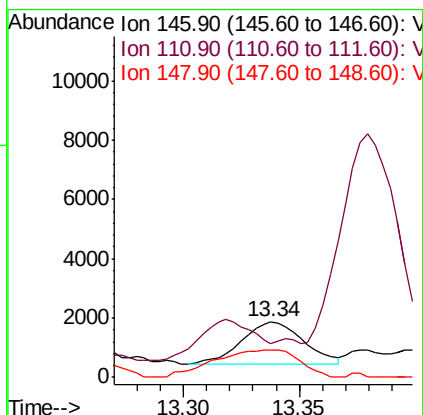
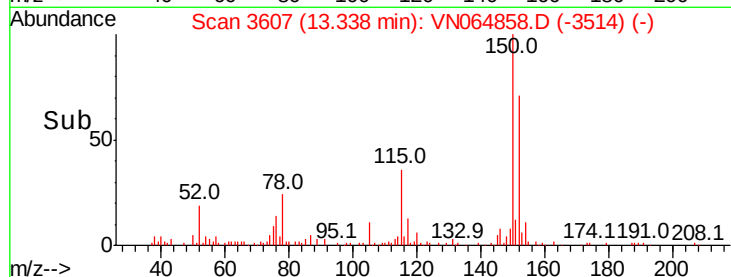
148 87.7 31.9 95.5



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



#89

n-Butylbenzene

Concen: 0.547 ug/l

RT: 13.38 min Scan# 3620

Delta R.T. -0.21 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

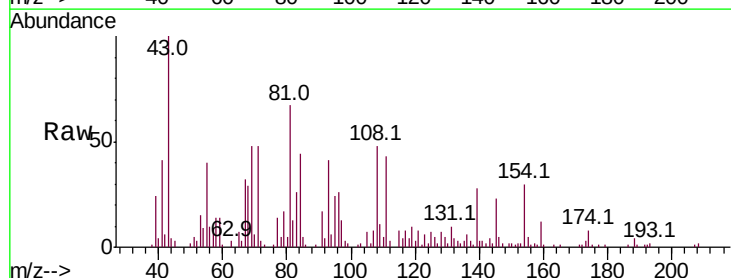
Tgt Ion: 91 Resp: 4671

Ion Ratio Lower Upper

91 100

92 36.5 26.0 78.0

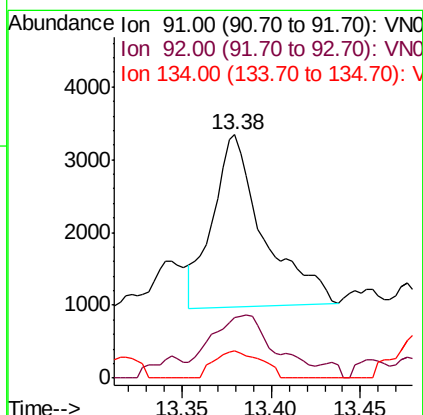
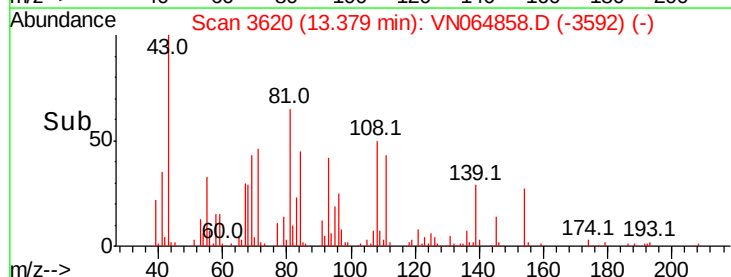
134 14.6 12.9 38.6

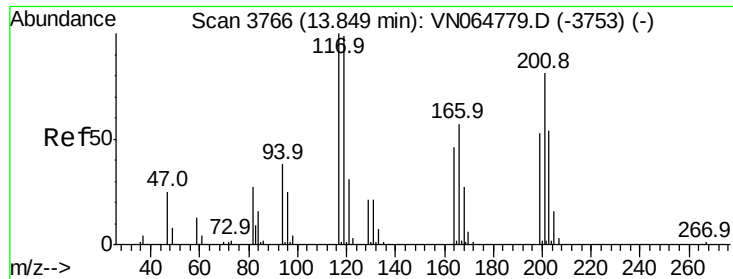


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 2.065 ug/l

RT: 13.86 min Scan# 3769

Delta R.T. 0.01 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

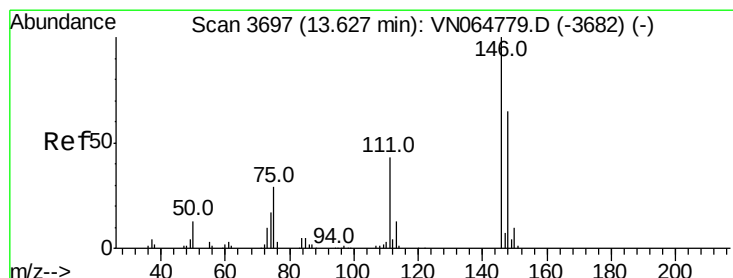
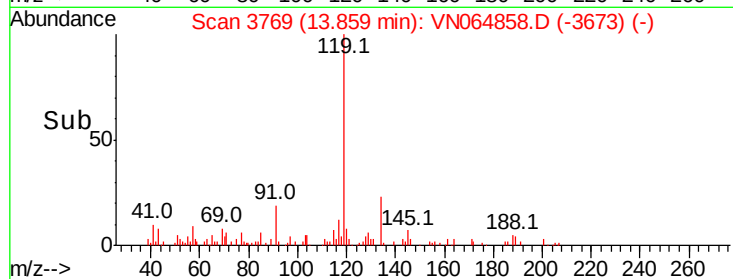
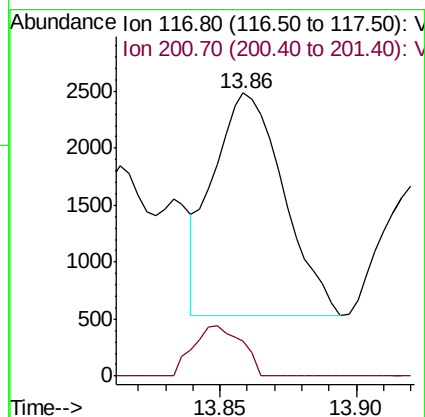
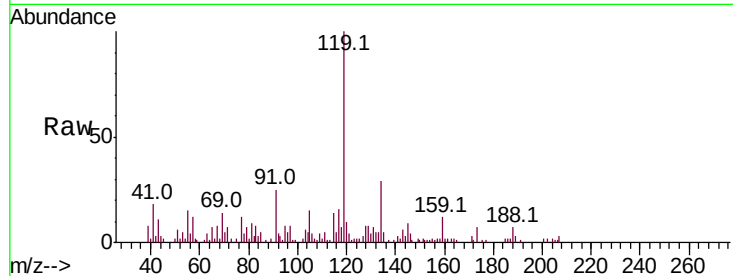
COMP-56-67DL

Tot Ion:117 Resp: 3489

Ion Ratio Lower Upper

117 100

201 15.6 40.1 120.3#



#91

1,2-Dichlorobenzene

Concen: 0.369 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

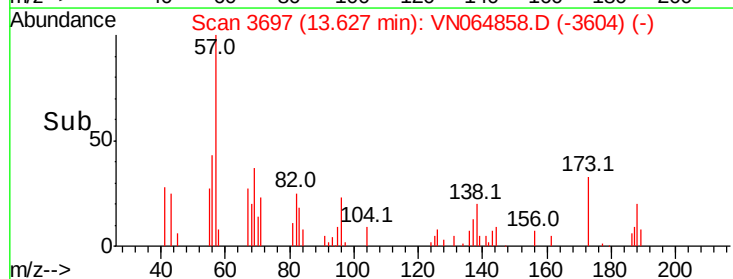
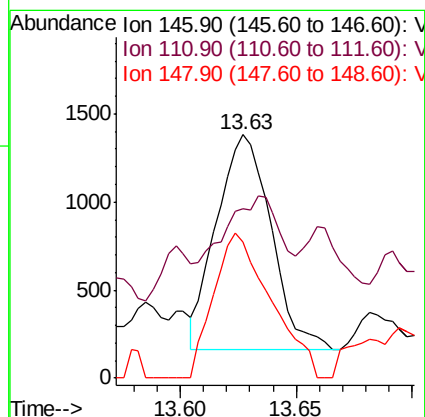
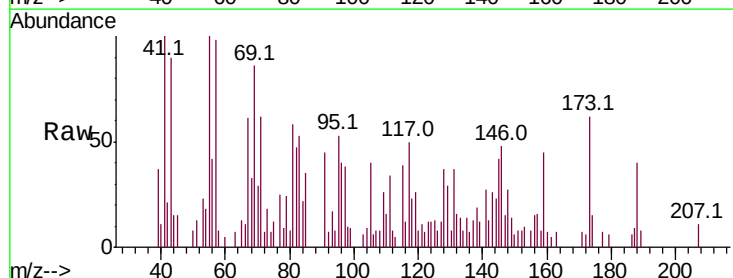
Tgt Ion:146 Resp: 2006

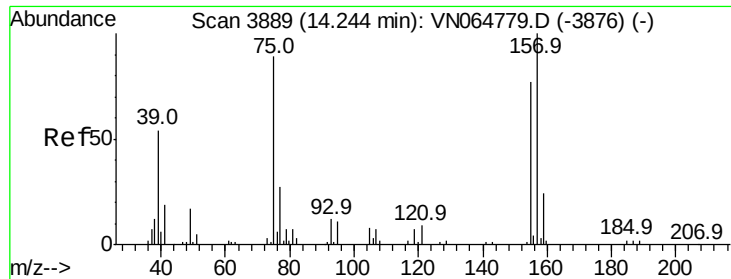
Ion Ratio Lower Upper

146 100

111 47.8 21.1 63.1

148 70.5 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.428 ug/l

RT: 14.22 min Scan# 3889

Delta R.T. -0.03 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

COMP-56-67DL

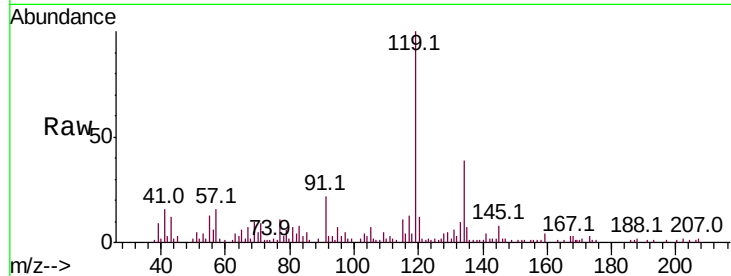
Tot Ion: 75 Resp: 326

Ion Ratio Lower Upper

75 100

155 0.0 42.8 128.3#

157 0.0 56.4 169.1#

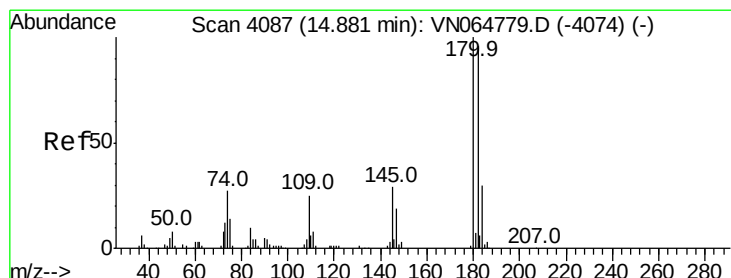
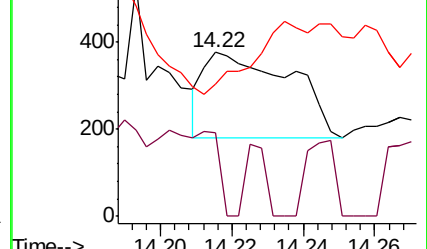
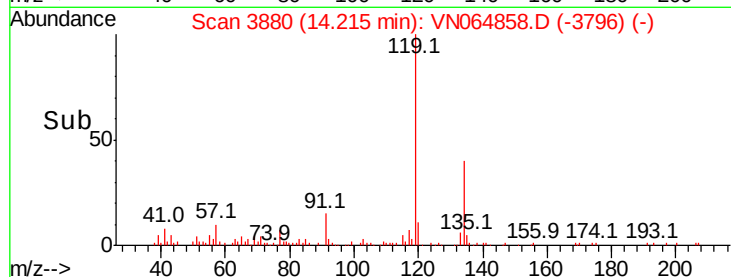


Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3876) (-)

Ion 154.80 (154.50 to 155.50): VN064779.D (-3876) (-)

Ion 156.80 (156.50 to 157.50): VN064779.D (-3876) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.113 ug/l

RT: 14.88 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

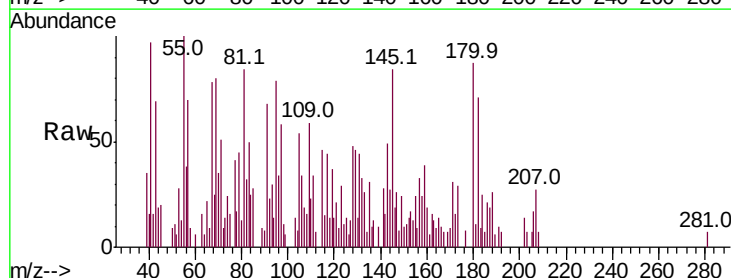
Tgt Ion:180 Resp: 3739

Ion Ratio Lower Upper

180 100

182 96.7 47.6 142.9

145 54.0 15.3 45.8#

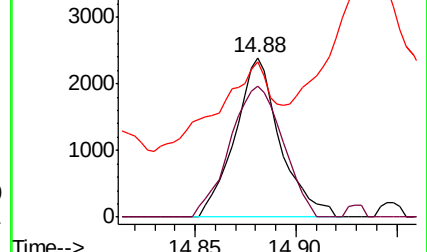
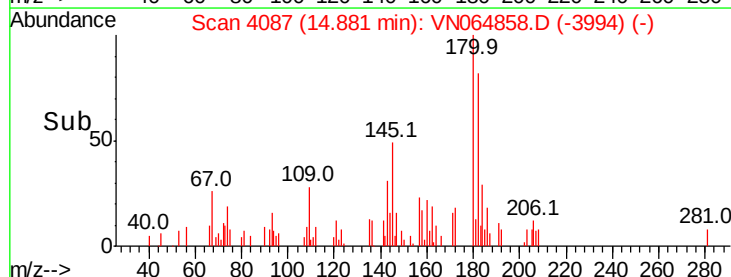


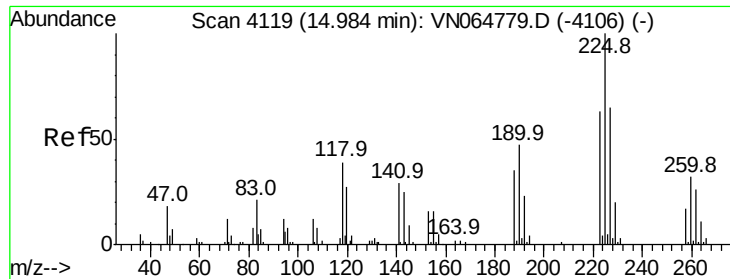
Abundance Ion 179.80 (179.50 to 180.50): VN064779.D (-4074) (-)

Ion 181.80 (181.50 to 182.50): VN064779.D (-4074) (-)

Ion 144.80 (144.50 to 145.50): VN064779.D (-4074) (-)

Time-->





#94

Hexachlorobutadiene

Concen: 3.072 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

Instrument :

MSVOA_N

ClientSampled :

COMP-56-67DL

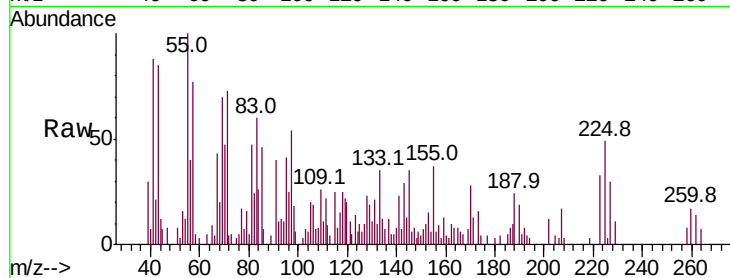
Tot Ion:225 Resp: 4115

Ion Ratio Lower Upper

225 100

223 69.6 31.0 93.0

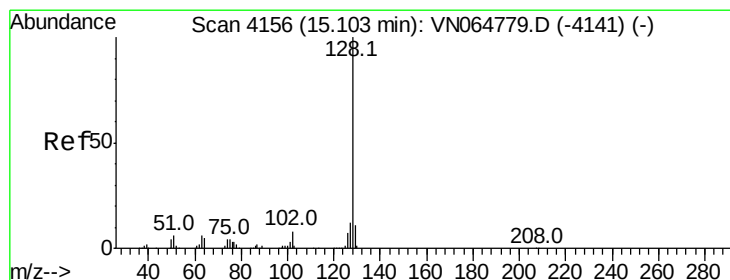
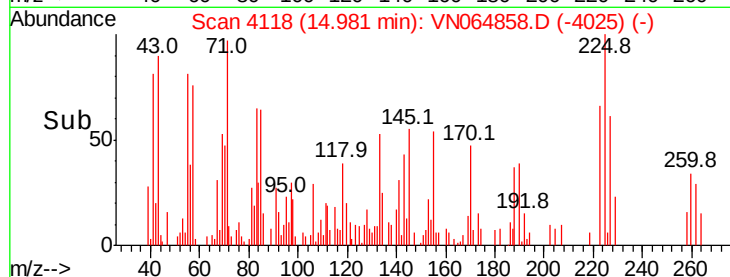
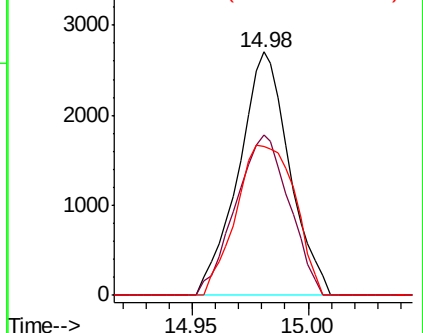
227 71.5 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 5.995 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064858.D

Acq: 25 Nov 2020 16:06

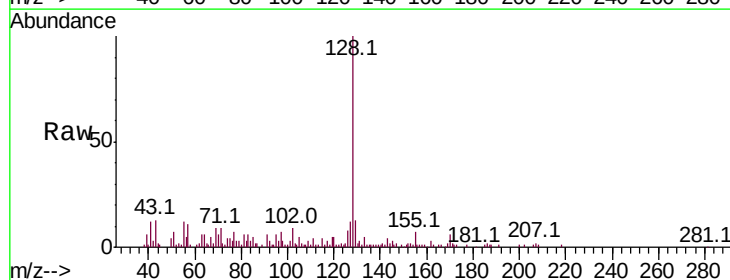
Tgt Ion:128 Resp: 60347

Ion Ratio Lower Upper

128 100

127 14.6 10.3 15.5

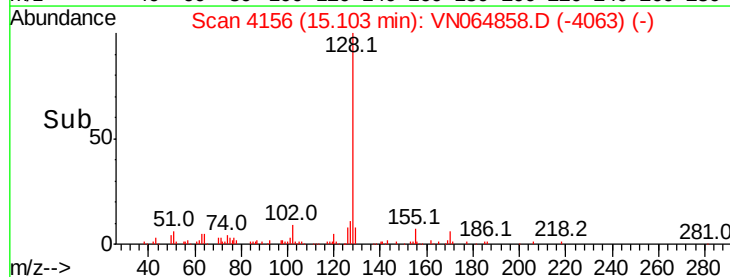
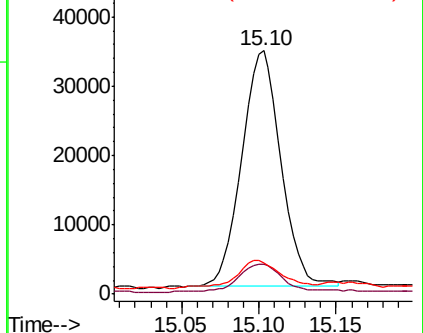
129 13.3 8.7 13.1#

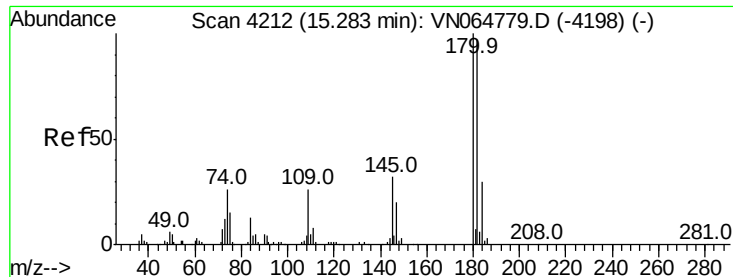


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.557 ug/l
 RT: 15.28 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN064858.D
 Acq: 25 Nov 2020 16:06

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-56-67DL

Tot Ion:180 Resp: 3827
 Ion Ratio Lower Upper
 180 100
 182 87.1 48.1 144.4
 145 87.1 16.4 49.1#

