

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064857.D
 Acq On : 25 Nov 2020 15:30
 Operator : JC/MD
 Sample : L4895-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-56-67

Quant Time: Nov 26 03:41:45 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	7.78	168	190846	50.00	ug/l	0.16
34) 1,4-Difluorobenzene	8.66	114	329286	50.00	ug/l	0.11
63) Chlorobenzene-d5	11.40	117	305199	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.32	152	175647	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.13	65	105666	47.62	ug/l	0.14
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.24%
35) Dibromofluoromethane	7.72	113	90583	45.97	ug/l	0.17
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.94%
50) Toluene-d8	10.11	98	384123	47.71	ug/l	0.05
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.42%
62) 4-Bromofluorobenzene	12.39	95	162100	56.26	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.52%

Target Compounds

					Qvalue
11) Tert butyl alcohol	4.84	59	162	0.468	ug/l # 73
16) Acetone	4.06	43	1796982	2463.804	ug/l 97
17) Carbon Disulfide	4.19	76	2596	0.549	ug/l # 82
25) 2-Butanone	6.99	43	26082	22.060	ug/l 93
29) Tetrahydrofuran	7.57	42	26799	32.836	ug/l # 32
31) Cyclohexane	7.77	56	6036	1.952	ug/l # 54
36) 1,1-Dichloropropene	7.78	75	12813	4.198	ug/l # 49
37) Ethyl Acetate	6.99	43	26082	8.871	ug/l # 66
38) Carbon Tetrachloride	7.78	117	17624	5.550	ug/l # 16
39) Methylcyclohexane	9.13	83	4030	1.227	ug/l # 85
40) Benzene	8.14	78	2017	0.216	ug/l 97
42) 1,2-Dichloroethane	8.39	62	919	0.291	ug/l # 73
43) Isopropyl Acetate	8.24	43	3599	0.761	ug/l # 59
51) 4-Methyl-2-Pentanone	10.01	43	15885	5.593	ug/l 96
52) Toluene	10.17	92	1018658	176.855	ug/l 98
54) cis-1,3-Dichloropropene	10.17	75	10993	2.828	ug/l # 1
55) 1,1,2-Trichloroethane	10.55	97	631	0.266	ug/l # 14
56) Ethyl methacrylate	10.37	69	1330	0.407	ug/l # 85
67) Ethyl Benzene	11.50	91	19484	1.780	ug/l 99
68) m/p-Xylenes	11.61	106	18020	4.347	ug/l 93
69) o-Xylene	11.94	106	13933	3.542	ug/l 96
73) Isopropylbenzene	12.23	105	6503	0.532	ug/l 96
74) N-amyl acetate	12.03	43	4249	0.884	ug/l # 63
76) 1,2,3-Trichloropropane	12.39	75	74284	19.638	ug/l # 100
78) n-propylbenzene	12.58	91	19064	1.370	ug/l 98
79) 2-Chlorotoluene	12.64	91	6675	0.776	ug/l # 40
80) 1,3,5-Trimethylbenzene	12.71	105	20392	2.008	ug/l 98
81) trans-1,4-Dichloro-2-buten	12.39	75	74284	53.823	ug/l # 15
83) tert-Butylbenzene	13.02	119	11327	1.331	ug/l # 74
84) 1,2,4-Trimethylbenzene	13.02	105	86338	8.409	ug/l 96
85) sec-Butylbenzene	13.15	105	14320	1.267	ug/l 93
86) p-Isopropyltoluene	13.27	119	34563	3.359	ug/l 99
89) n-Butylbenzene	13.39	91	31050	3.436	ug/l 75
90) Hexachloroethane	13.86	117	20096	11.243	ug/l # 9

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QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

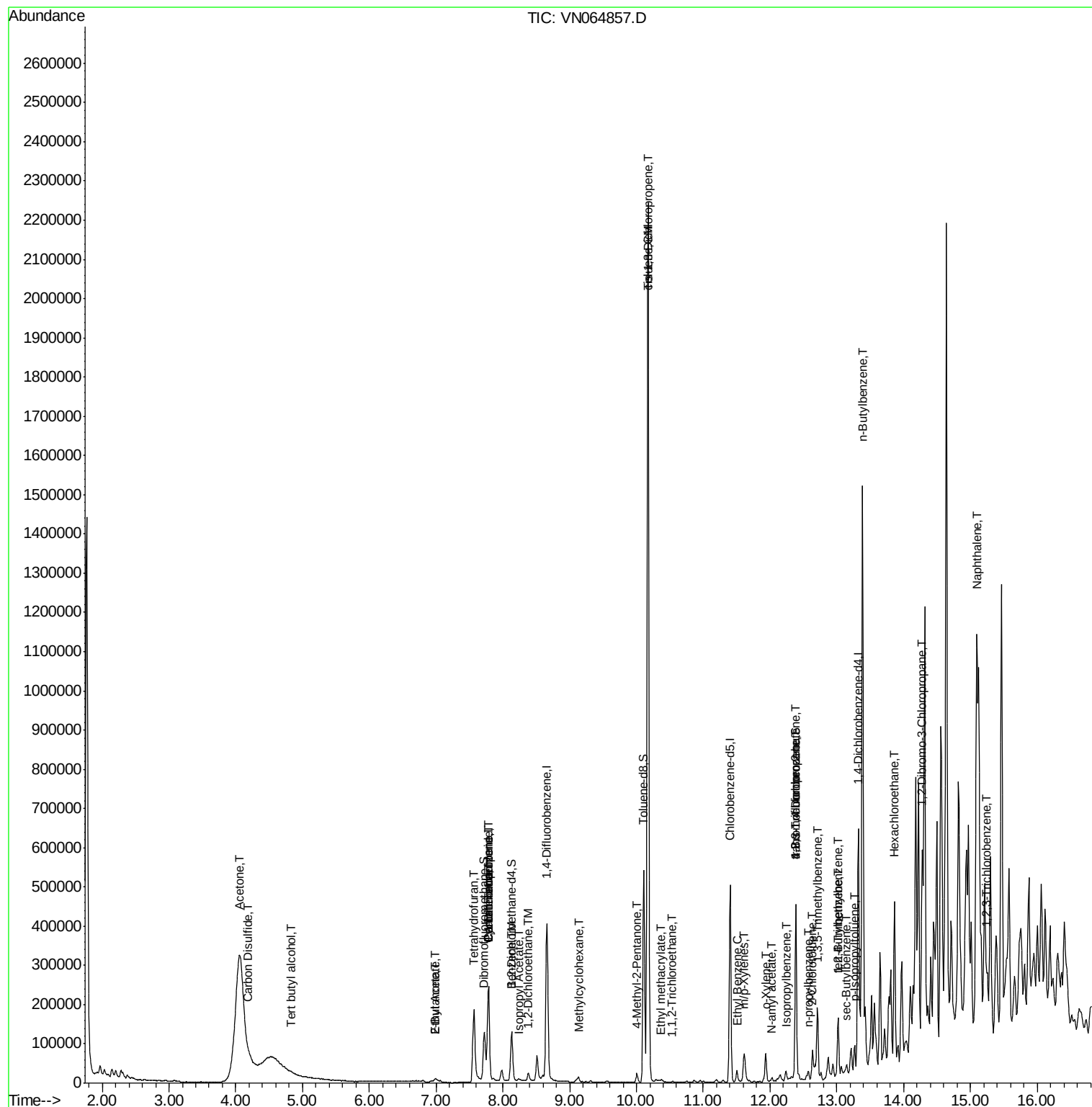
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.27	75	527	0.654	ug/l #	1
95) Naphthalene	15.10	128	476283	44.726	ug/l	99
96) 1,2,3-Trichlorobenzene	15.25	180	1377	1.788	ug/l #	1

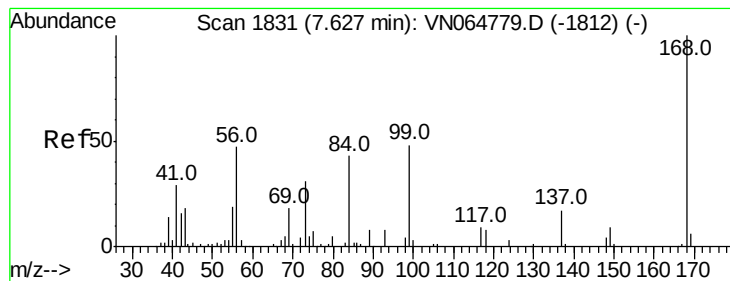
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112520\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.78 min Scan# 1880

Delta R.T. 0.16 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

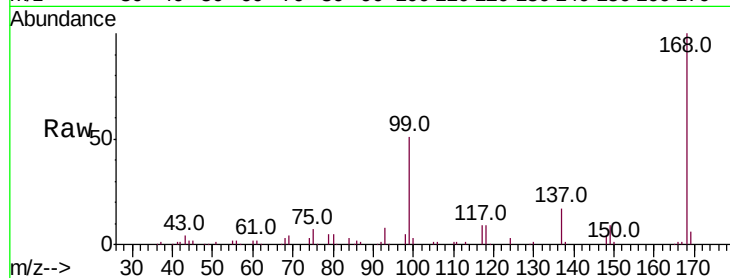
COMP-56-67

Tot Ion:168 Resp: 190846

Ion Ratio Lower Upper

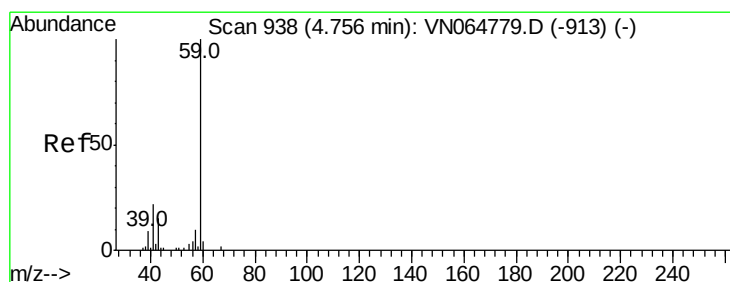
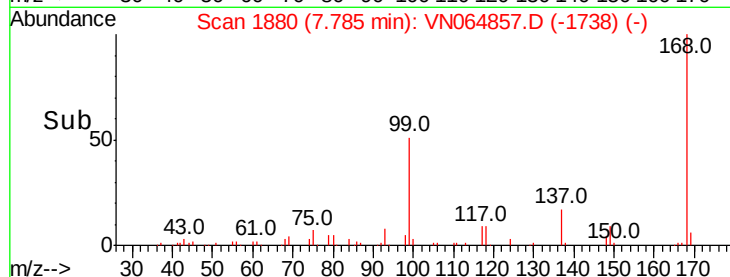
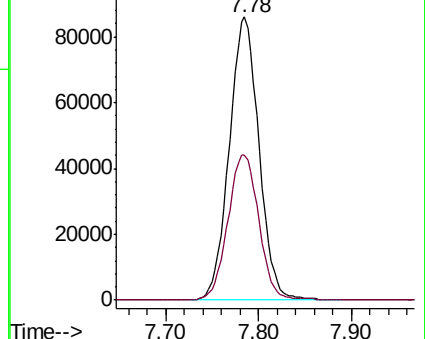
168 100

99 51.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 0.468 ug/l

RT: 4.84 min Scan# 964

Delta R.T. 0.08 min

Lab File: VN064857.D

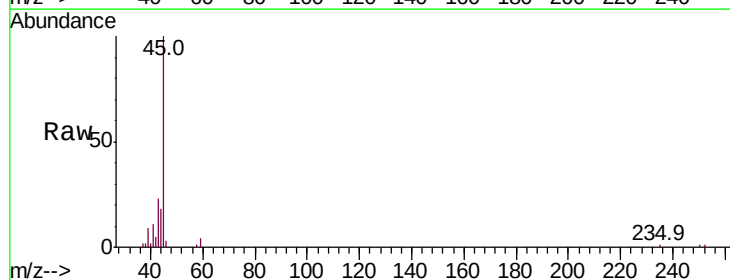
Acq: 25 Nov 2020 15:30

Tgt Ion: 59 Resp: 162

Ion Ratio Lower Upper

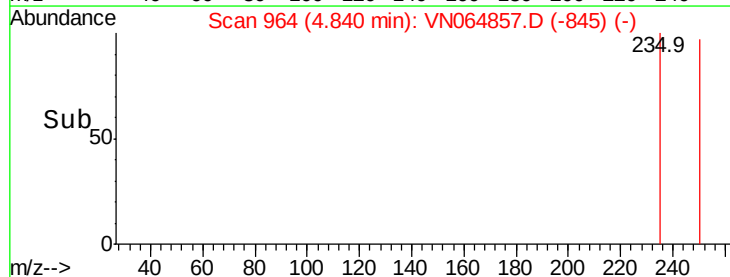
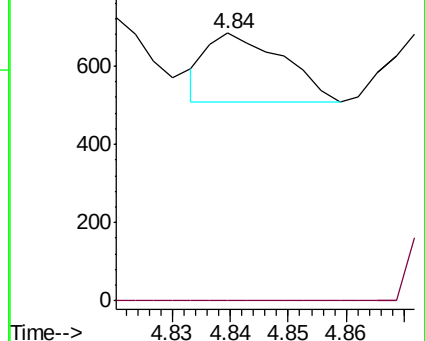
59 100

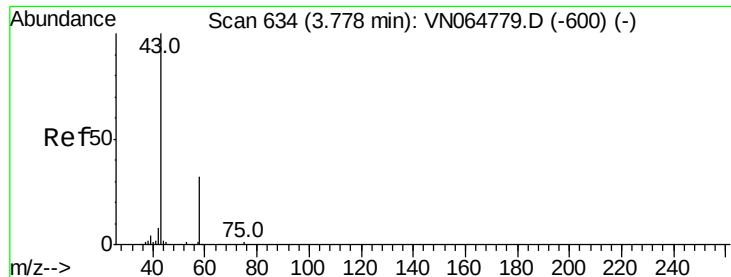
57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#16

Acetone

Concen: 2463.804 ug/l

RT: 4.06 min Scan# 720

Delta R.T. 0.28 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

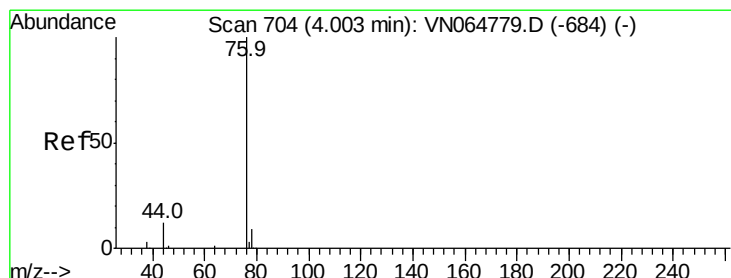
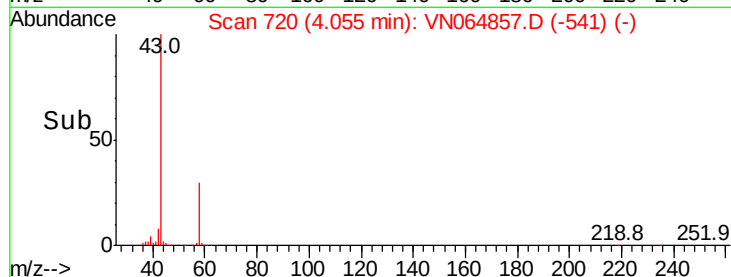
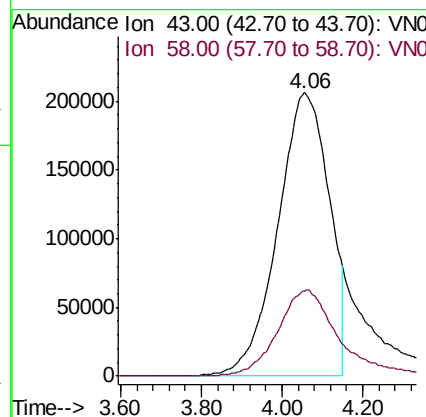
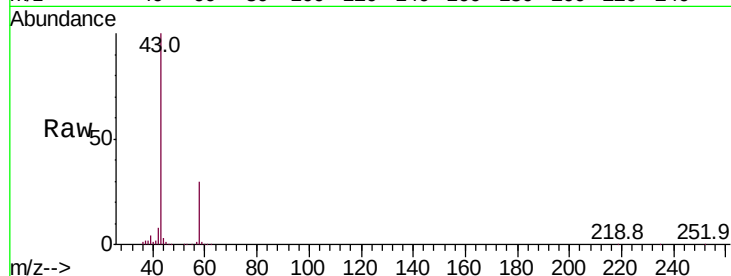
COMP-56-67

Tot Ion: 43 Resp: 1796982

Ion Ratio Lower Upper

43 100

58 30.2 25.7 38.5



#17

Carbon Disulfide

Concen: 0.549 ug/l

RT: 4.19 min Scan# 762

Delta R.T. 0.19 min

Lab File: VN064857.D

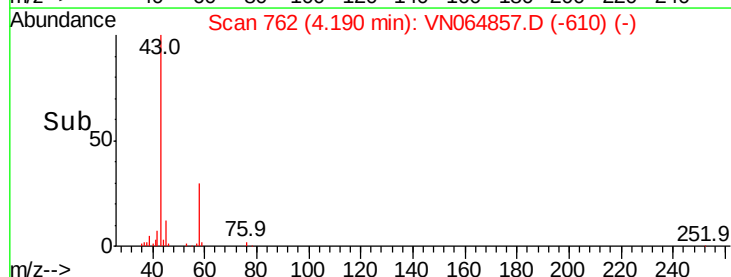
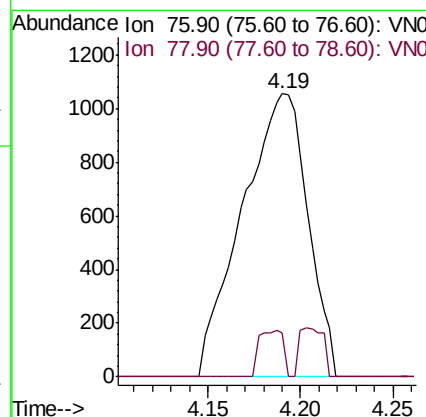
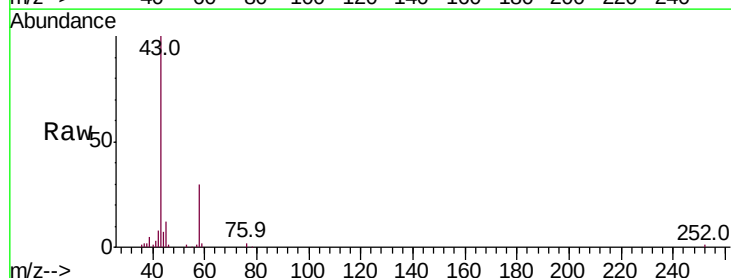
Acq: 25 Nov 2020 15:30

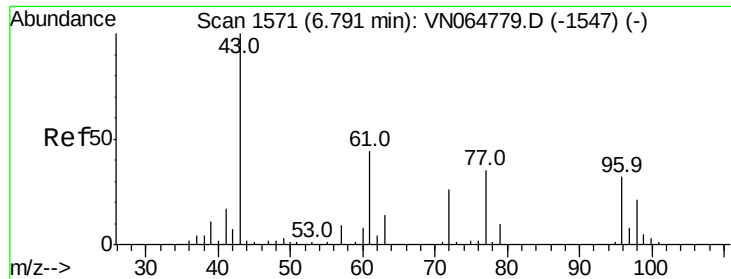
Tgt Ion: 76 Resp: 2596

Ion Ratio Lower Upper

76 100

78 15.6 7.4 11.0#





#25

2-Butanone

Concen: 22.060 ug/l

RT: 6.99 min Scan# 1633

Delta R.T. 0.20 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampled :

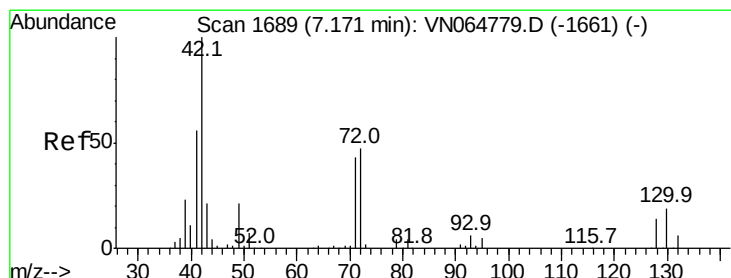
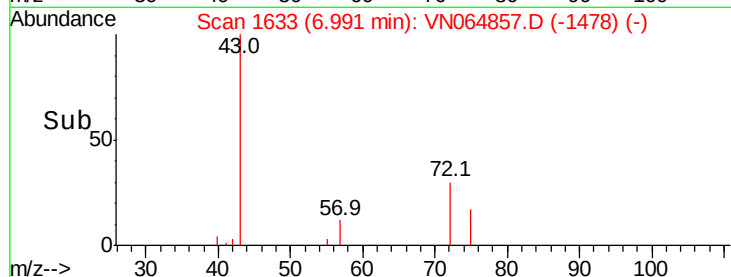
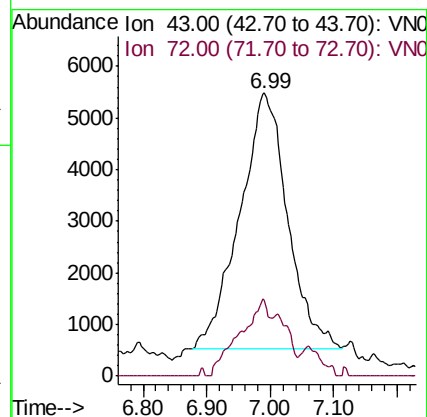
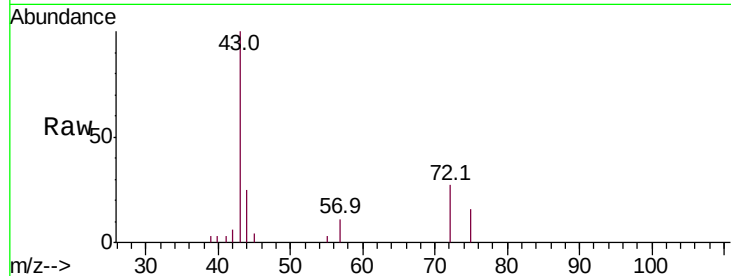
COMP-56-67

Tot Ion: 43 Resp: 26082

Ion Ratio Lower Upper

43 100

72 29.8 21.0 31.6



#29

Tetrahydrofuran

Concen: 32.836 ug/l

RT: 7.57 min Scan# 1813

Delta R.T. 0.40 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

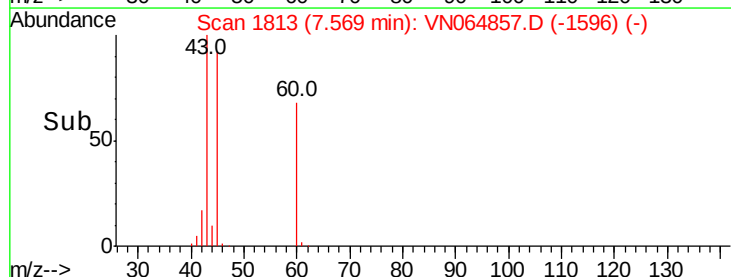
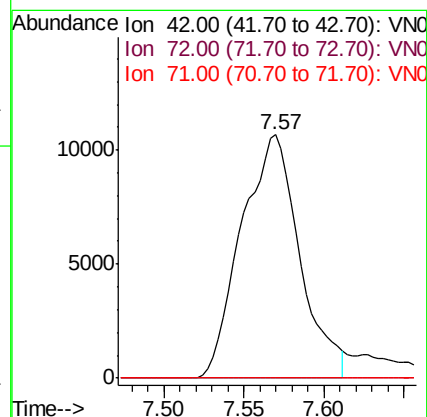
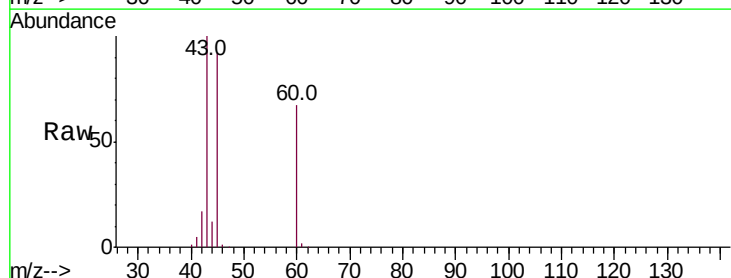
Tgt Ion: 42 Resp: 26799

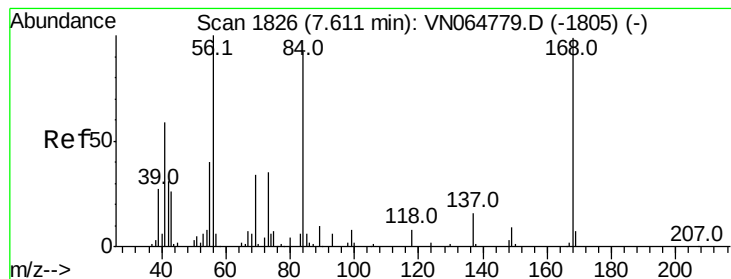
Ion Ratio Lower Upper

42 100

72 0.0 36.6 54.8#

71 0.0 33.6 50.4#





#31

Cyclohexane

Concen: 1.952 ug/l

RT: 7.77 min Scan# 1876

Delta R.T. 0.16 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampled :

COMP-56-67

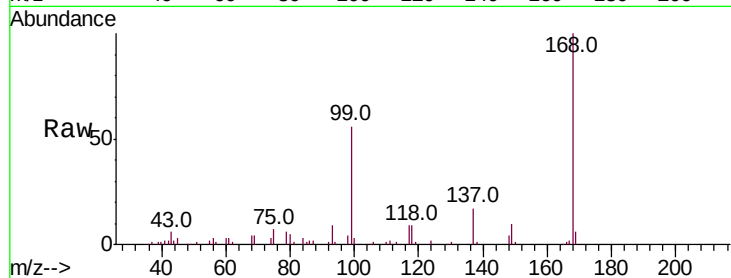
Tot Ion: 56 Resp: 6036

Ion Ratio Lower Upper

56 100

69 120.7 27.5 41.3#

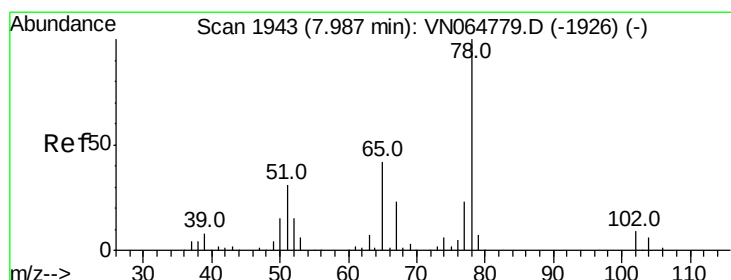
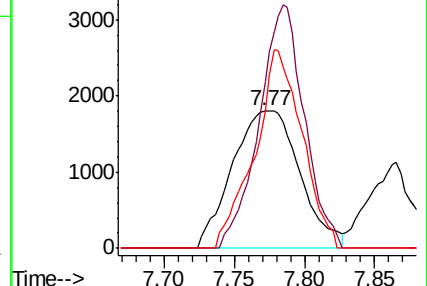
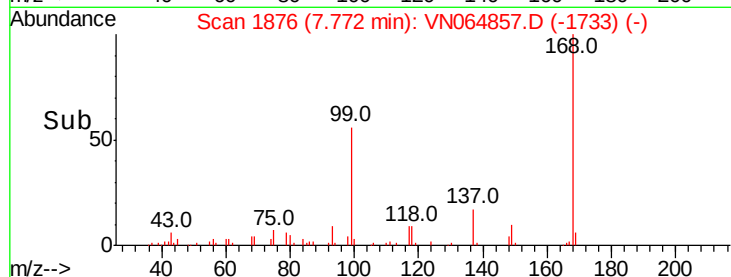
84 99.3 73.9 110.9



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



#33

1,2-Dichloroethane-d4

Concen: 47.625 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.14 min

Lab File: VN064857.D

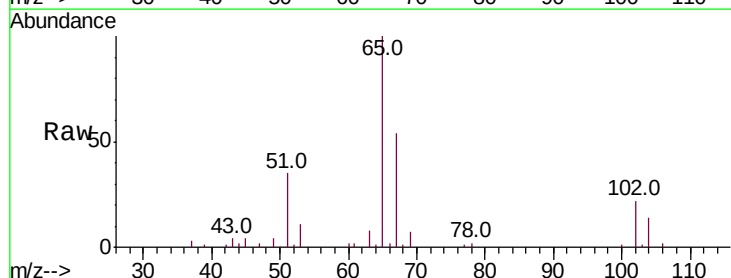
Acq: 25 Nov 2020 15:30

Tgt Ion: 65 Resp: 105666

Ion Ratio Lower Upper

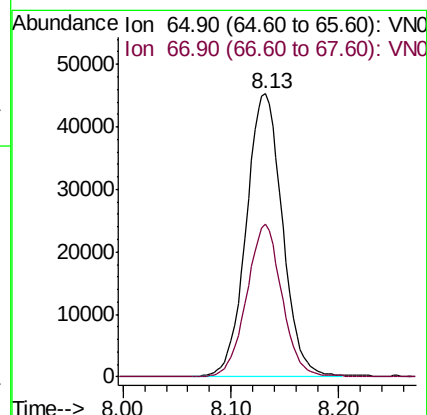
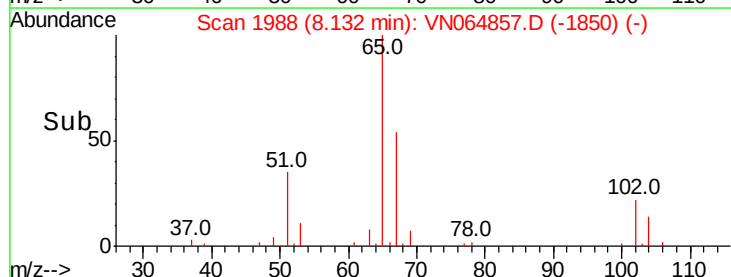
65 100

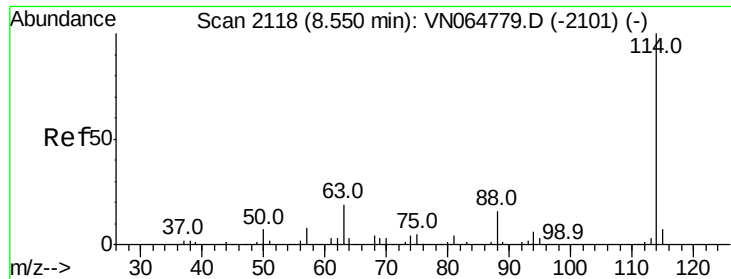
67 52.5 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

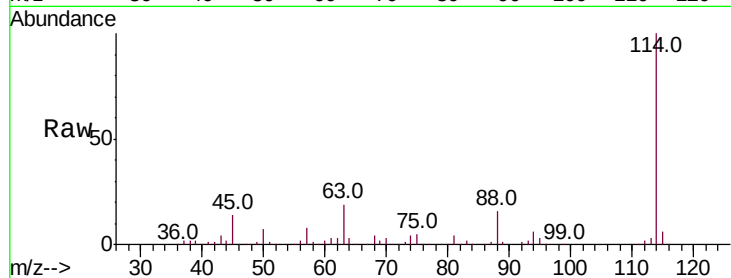




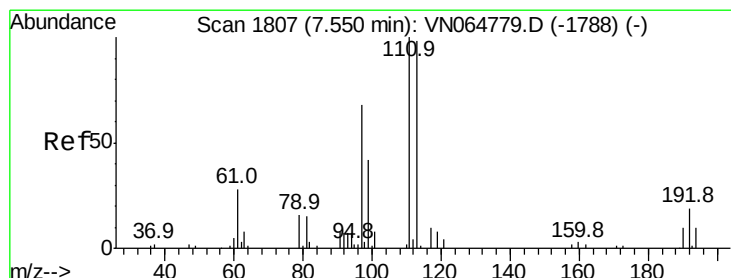
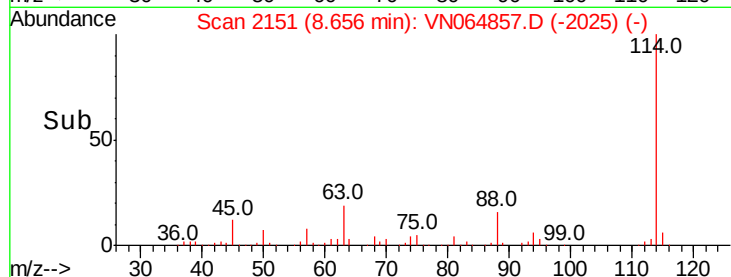
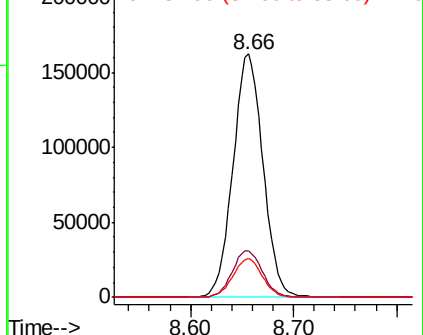
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.66 min Scan# 2151
 Delta R.T. 0.11 min
 Lab File: VN064857.D
 Acq: 25 Nov 2020 15:30

Instrument :
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 ClientSampleId :
 COMP-56-67

Tot Ion:114 Resp: 329286
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.8 0.0 32.6

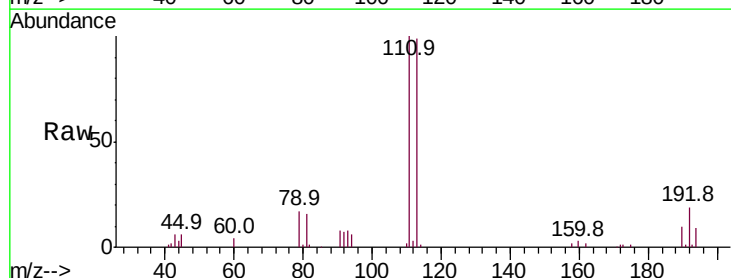


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

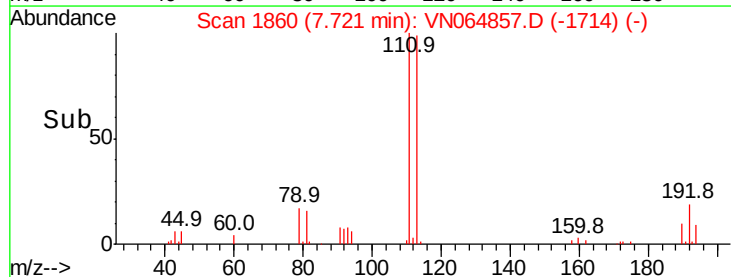
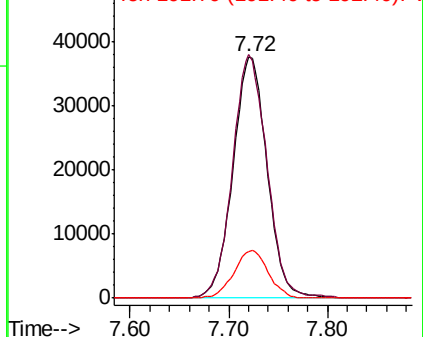


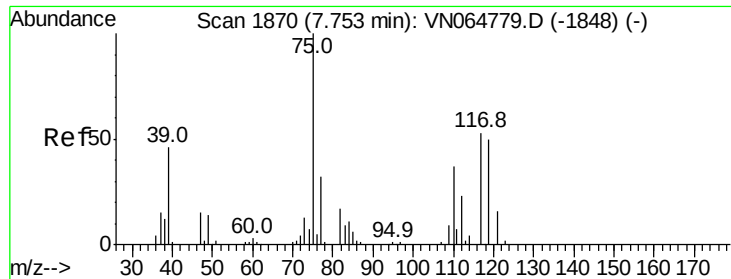
#35
 Dibromofluoromethane
 Concen: 45.973 ug/l
 RT: 7.72 min Scan# 1860
 Delta R.T. 0.17 min
 Lab File: VN064857.D
 Acq: 25 Nov 2020 15:30

Tgt Ion:113 Resp: 90583
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.6 122.4
 192 19.8 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





#36

1,1-Dichloropropene

Concen: 4.198 ug/l

RT: 7.78 min Scan# 1880

Delta R.T. 0.03 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

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ClientSampled :

COMP-56-67

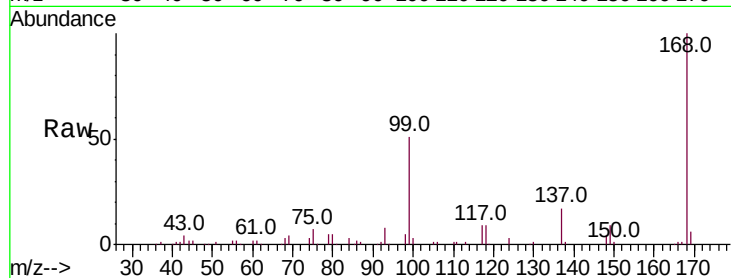
Tot Ion: 75 Resp: 12813

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.3#

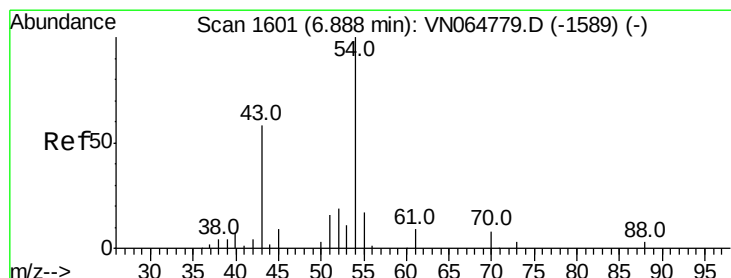
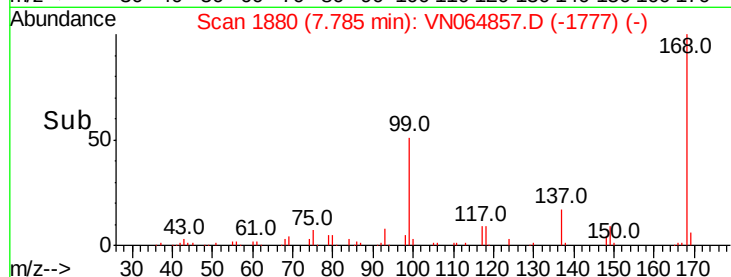
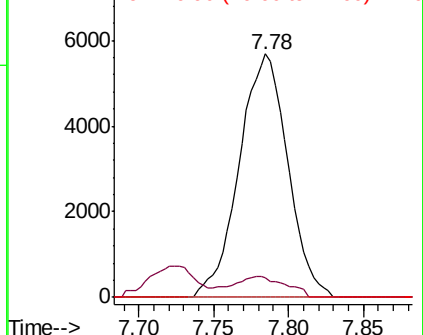
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 8.871 ug/l

RT: 6.99 min Scan# 1633

Delta R.T. 0.10 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

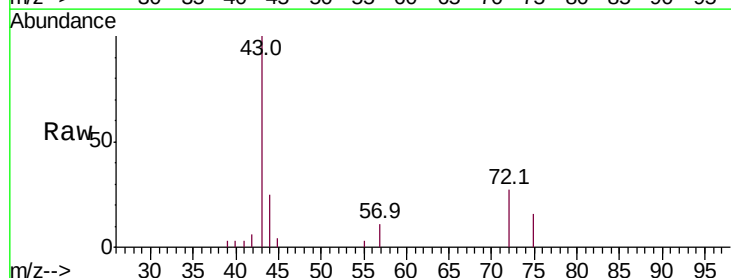
Tgt Ion: 43 Resp: 26082

Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

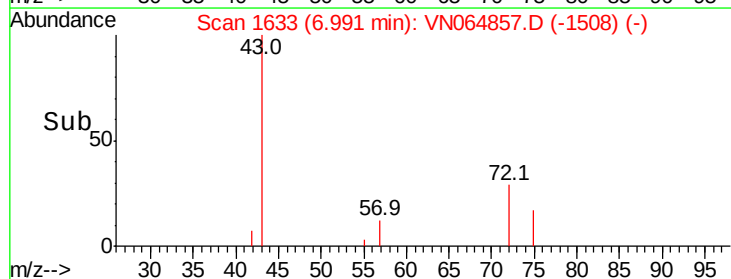
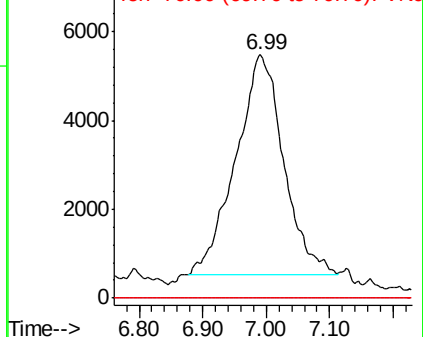
70 0.0 8.8 13.2#

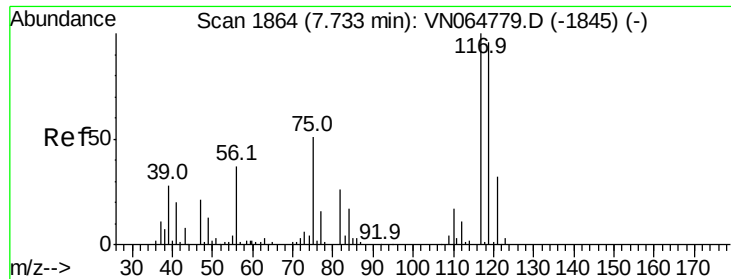


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 5.550 ug/l

RT: 7.78 min Scan# 1879

Delta R.T. 0.05 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

COMP-56-67

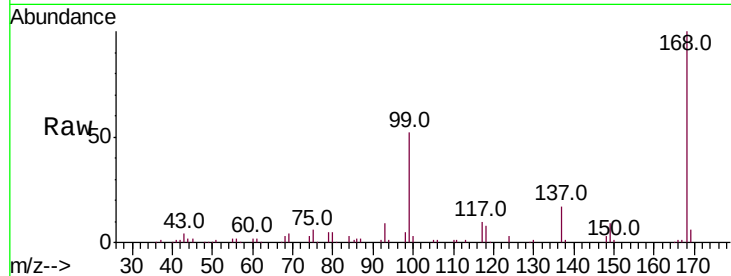
Tot Ion:117 Resp: 17624

Ion Ratio Lower Upper

117 100

119 4.6 76.7 115.1#

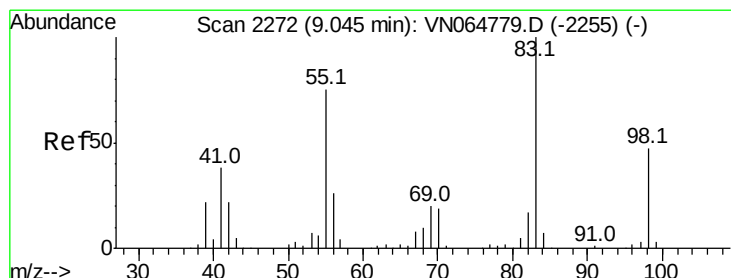
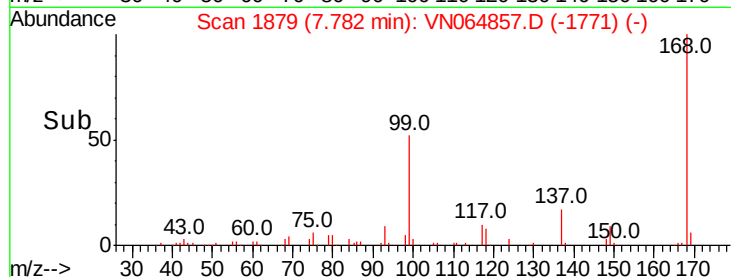
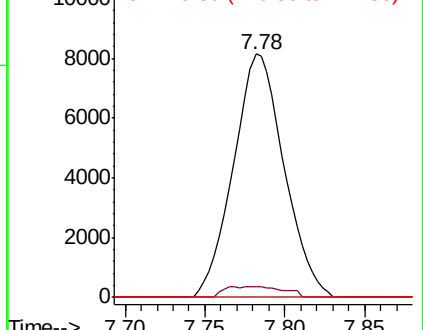
121 0.0 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.227 ug/l

RT: 9.13 min Scan# 2299

Delta R.T. 0.09 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

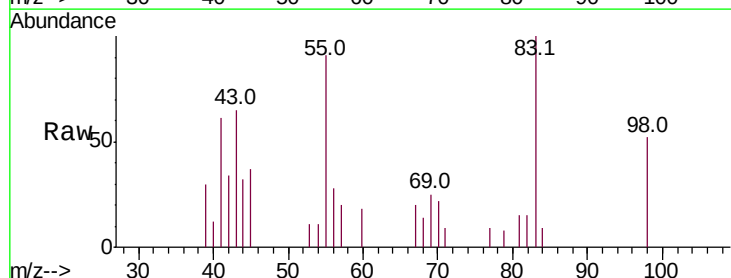
Tgt Ion: 83 Resp: 4030

Ion Ratio Lower Upper

83 100

55 91.2 60.2 90.2#

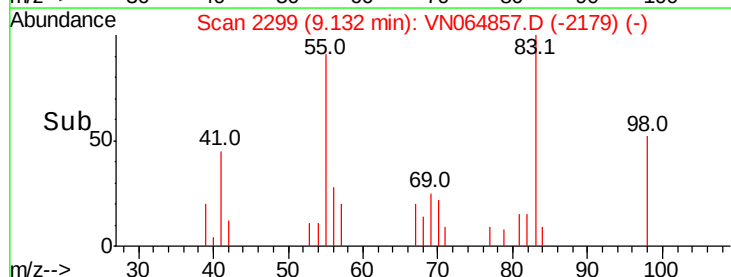
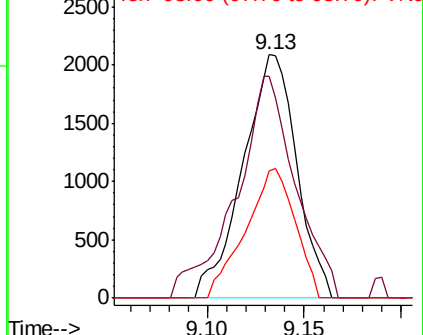
98 52.2 37.4 56.2

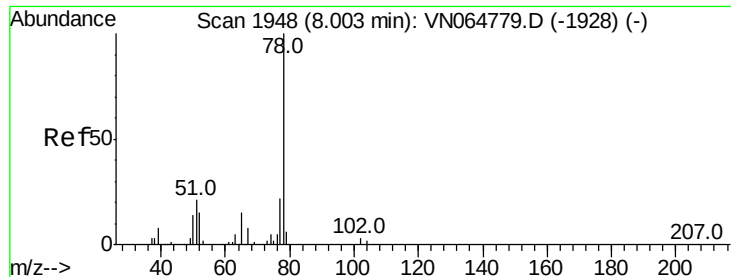


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 0.216 ug/l

RT: 8.14 min Scan# 1992

Delta R.T. 0.14 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

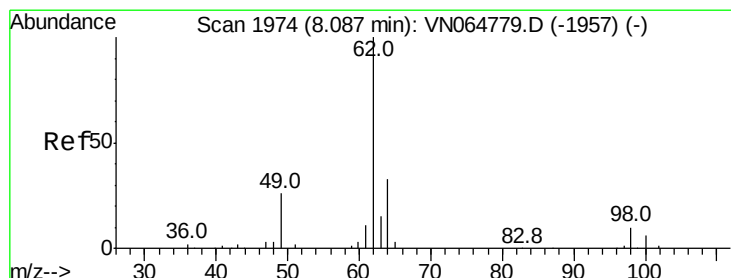
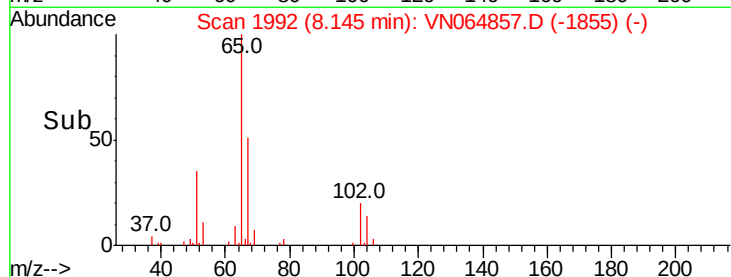
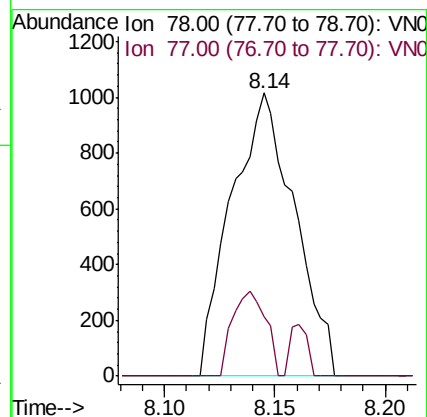
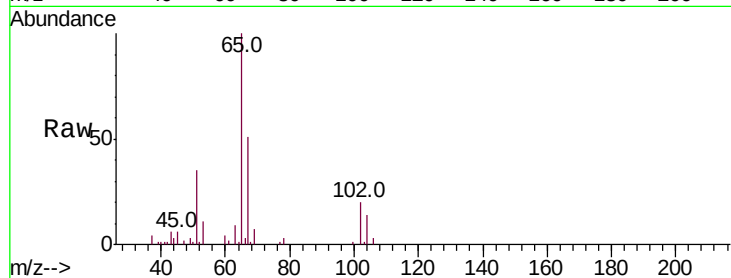
COMP-56-67

Tot Ion: 78 Resp: 2017

Ion Ratio Lower Upper

78 100

77 21.1 17.9 26.9



#42

1,2-Dichloroethane

Concen: 0.291 ug/l

RT: 8.39 min Scan# 2067

Delta R.T. 0.30 min

Lab File: VN064857.D

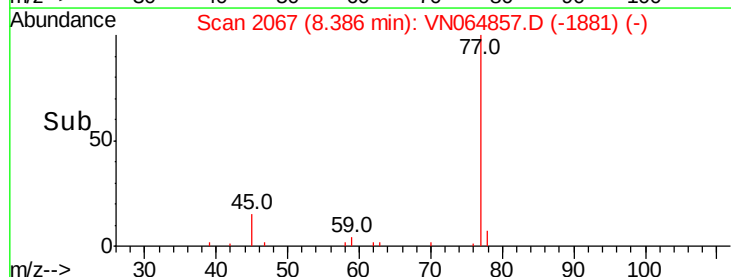
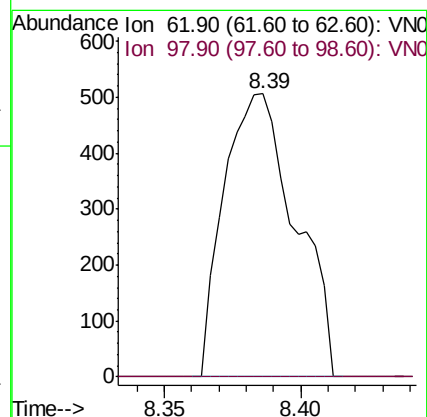
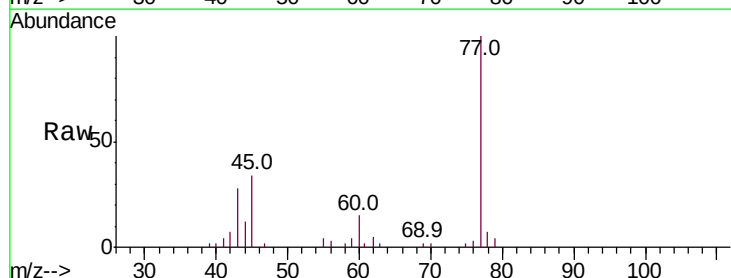
Acq: 25 Nov 2020 15:30

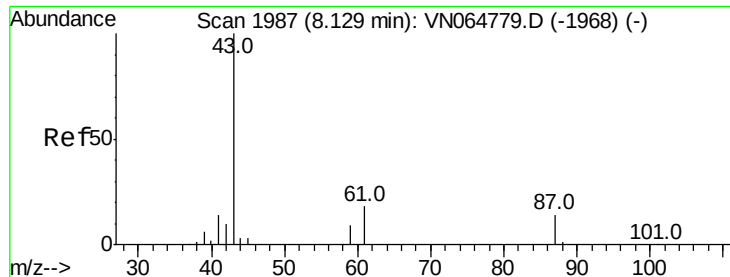
Tgt Ion: 62 Resp: 919

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6





#43

Isopropyl Acetate

Concen: 0.761 ug/l

RT: 8.24 min Scan# 2021

Delta R.T. 0.11 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

COMP-56-67

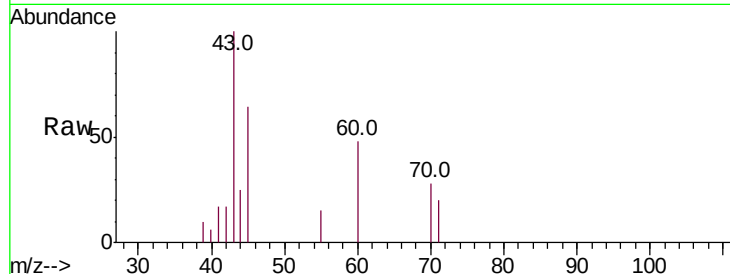
Tot Ion: 43 Resp: 3599

Ion Ratio Lower Upper

43 100

61 0.0 17.2 25.8#

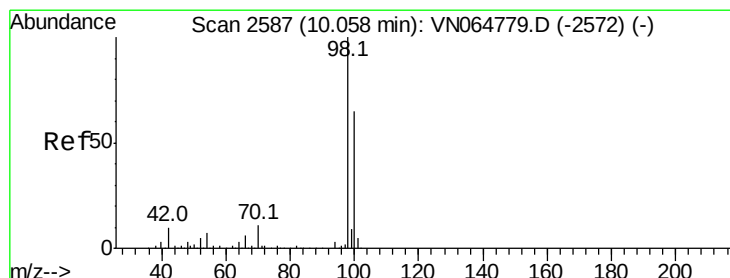
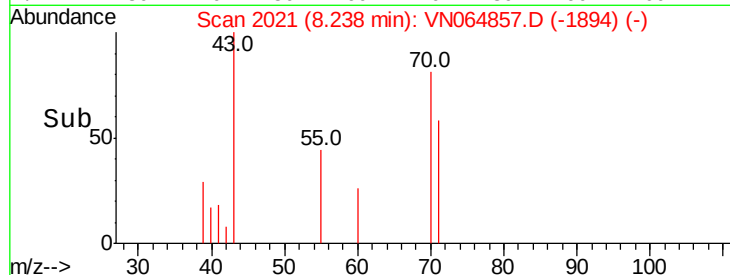
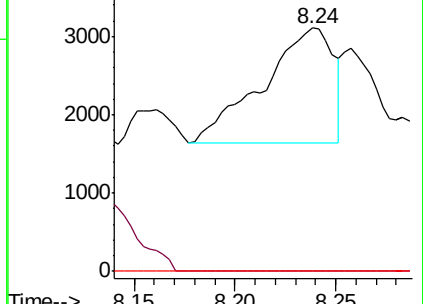
87 0.0 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 47.713 ug/l

RT: 10.11 min Scan# 2603

Delta R.T. 0.05 min

Lab File: VN064857.D

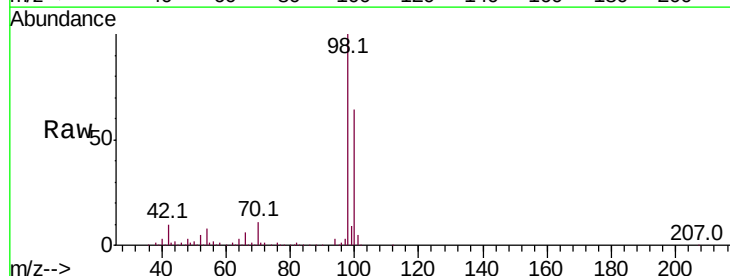
Acq: 25 Nov 2020 15:30

Tgt Ion: 98 Resp: 384123

Ion Ratio Lower Upper

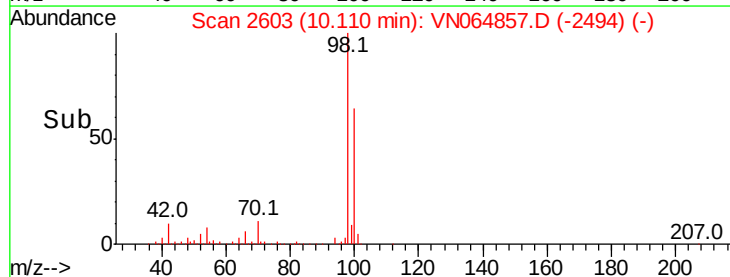
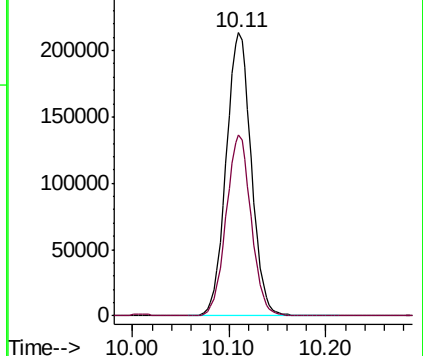
98 100

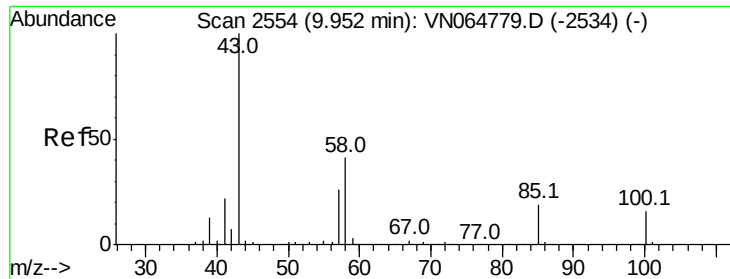
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 5.593 ug/l

RT: 10.01 min Scan# 2571

Delta R.T. 0.05 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampled :

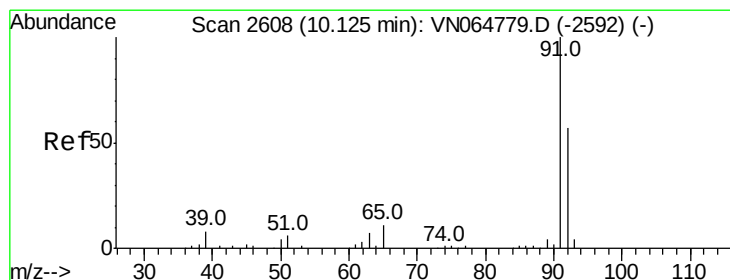
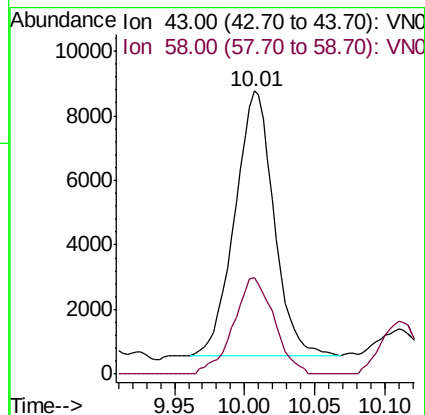
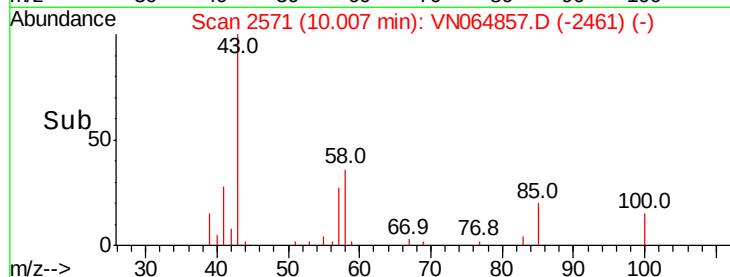
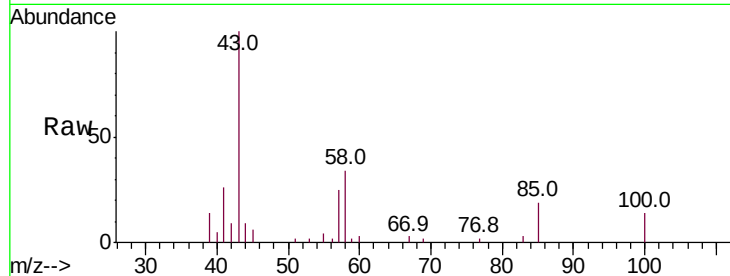
COMP-56-67

Tot Ion: 43 Resp: 15885

Ion Ratio Lower Upper

43 100

58 37.8 32.4 48.6



#52

Toluene

Concen: 176.855 ug/l

RT: 10.17 min Scan# 2623

Delta R.T. 0.05 min

Lab File: VN064857.D

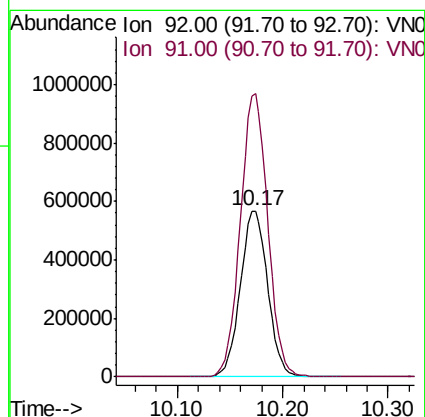
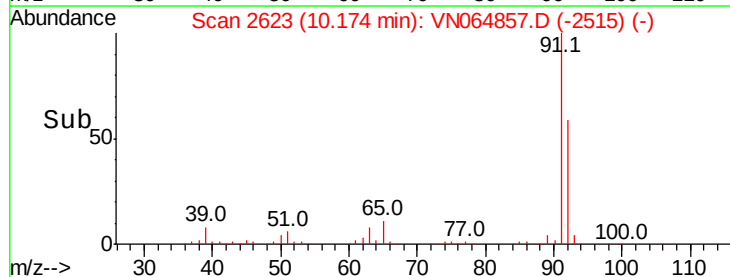
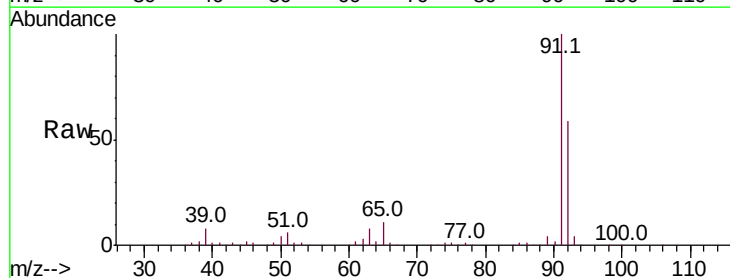
Acq: 25 Nov 2020 15:30

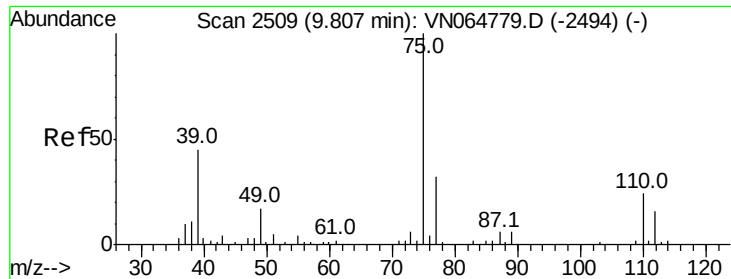
Tgt Ion: 92 Resp: 1018658

Ion Ratio Lower Upper

92 100

91 171.7 139.1 208.7





#54

cis-1,3-Dichloropropene

Concen: 2.828 ug/l

RT: 10.17 min Scan# 2623

Delta R.T. 0.37 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampled :

COMP-56-67

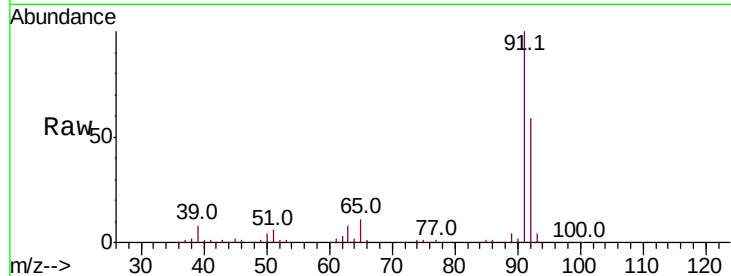
Tot Ion: 75 Resp: 10993

Ion Ratio Lower Upper

75 100

77 168.3 25.5 38.3#

39 1309.5 35.6 53.4#

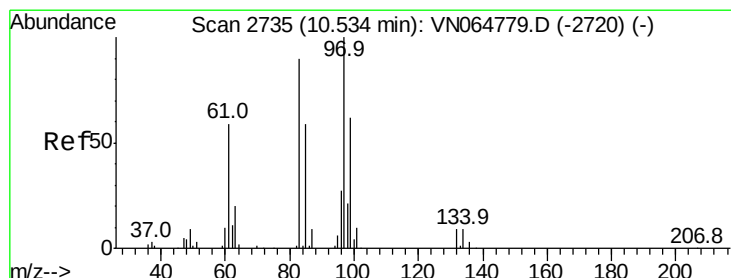
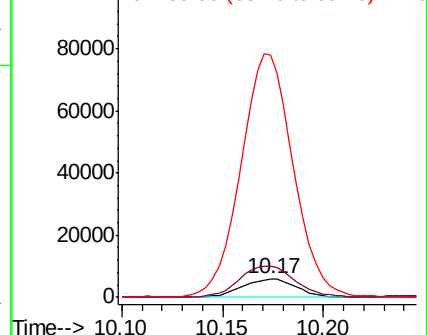
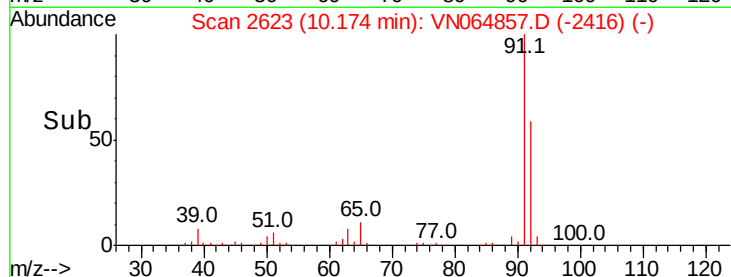


Abundance

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: 0.266 ug/l

RT: 10.55 min Scan# 2739

Delta R.T. 0.01 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Tgt Ion: 97 Resp: 631

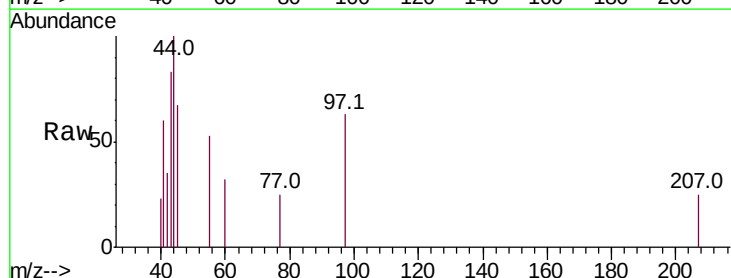
Ion Ratio Lower Upper

97 100

83 0.0 72.1 108.1#

85 0.0 46.8 70.2#

99 0.0 49.6 74.4#



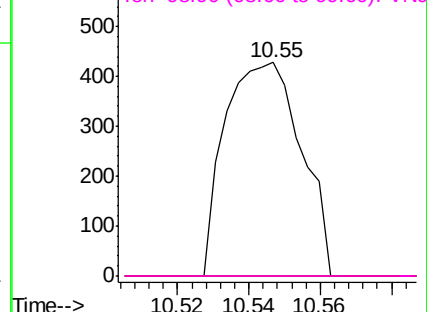
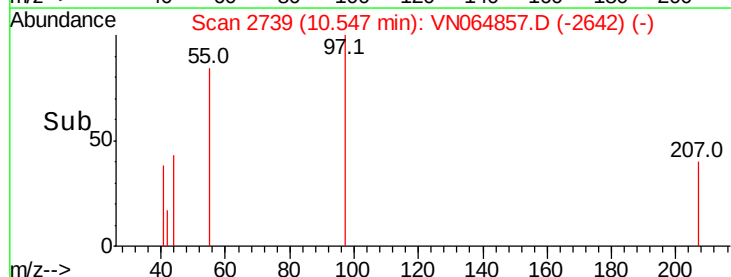
Abundance

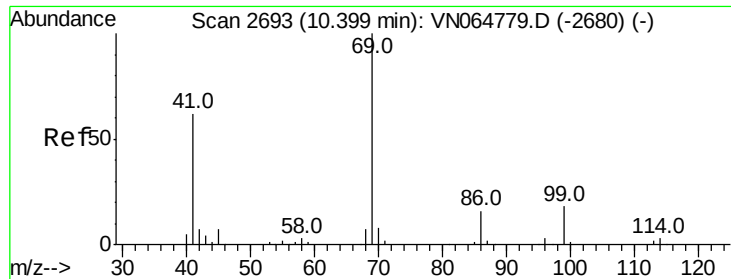
Ion 96.90 (96.60 to 97.60): VN0

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

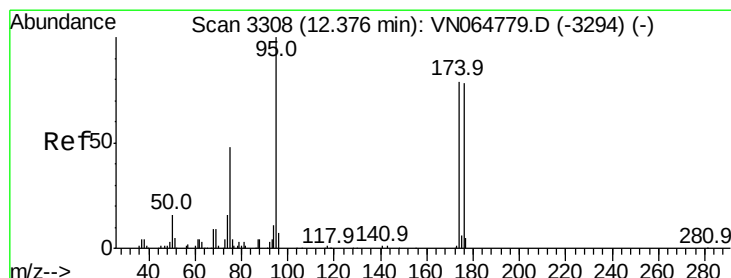
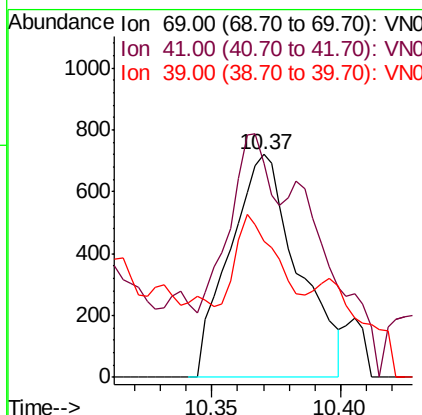
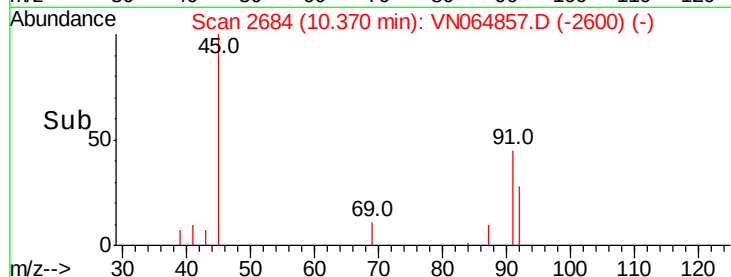
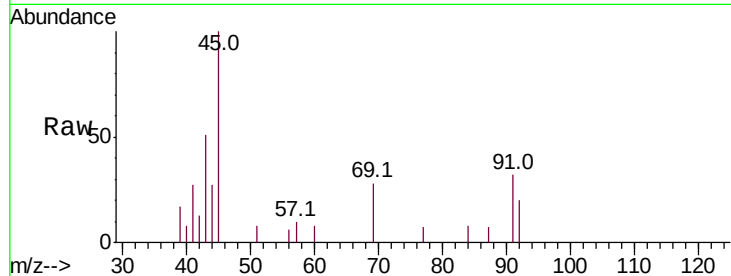




#56
Ethyl methacrylate
Concen: 0.407 ug/l
RT: 10.37 min Scan# 2684
Delta R.T. -0.03 min
Lab File: VN064857.D
Acq: 25 Nov 2020 15:30

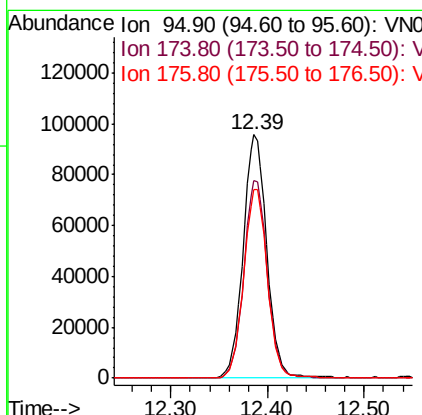
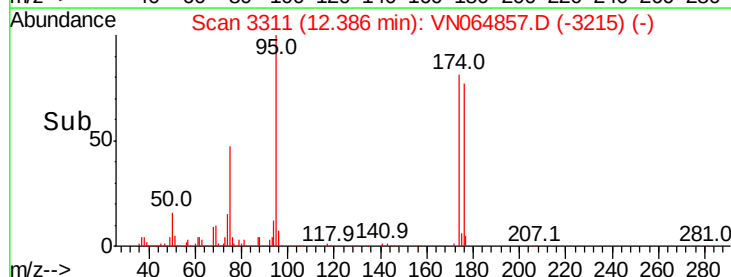
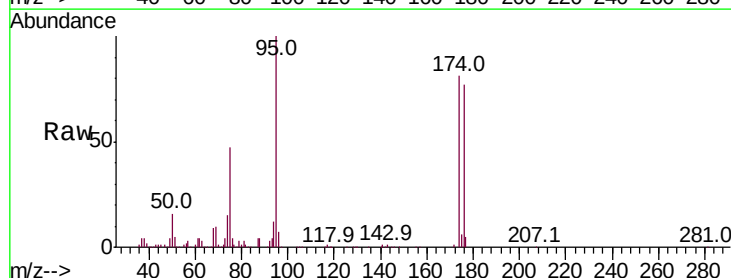
Instrument :
MSVOA_N
ClientSampled :
COMP-56-67

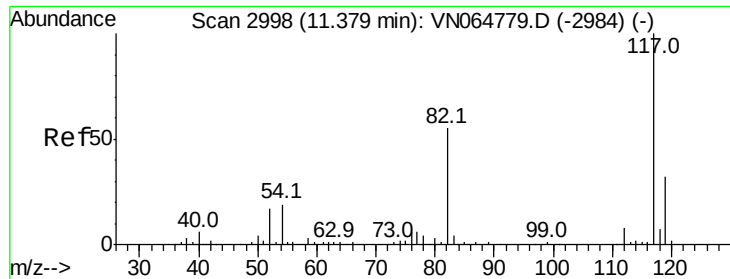
Tot Ion: 69 Resp: 1330
Ion Ratio Lower Upper
69 100
41 50.5 49.4 74.0
39 23.1 25.9 38.9#



#62
4-Bromofluorobenzene
Concen: 56.262 ug/l
RT: 12.39 min Scan# 3311
Delta R.T. 0.01 min
Lab File: VN064857.D
Acq: 25 Nov 2020 15:30

Tgt Ion: 95 Resp: 162100
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.4
176 77.7 0.0 158.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. 0.02 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

COMP-56-67

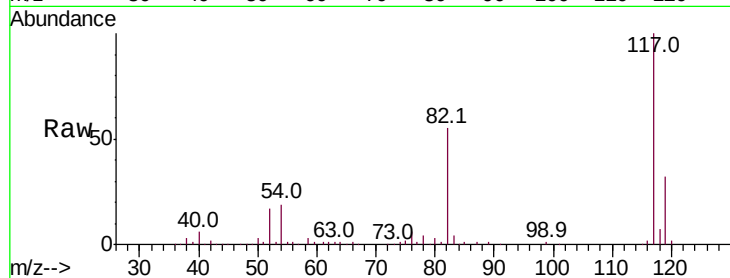
Tot Ion:117 Resp: 305199

Ion Ratio Lower Upper

117 100

82 55.3 44.2 66.2

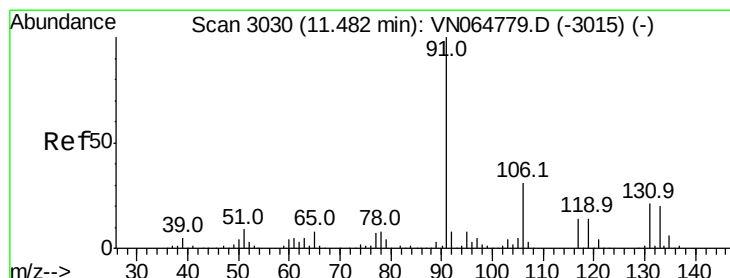
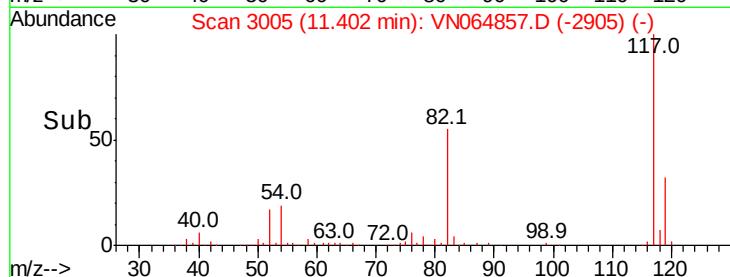
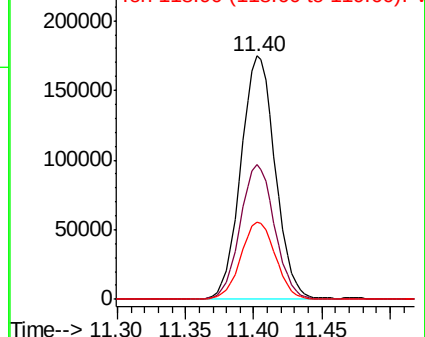
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.780 ug/l

RT: 11.50 min Scan# 3037

Delta R.T. 0.02 min

Lab File: VN064857.D

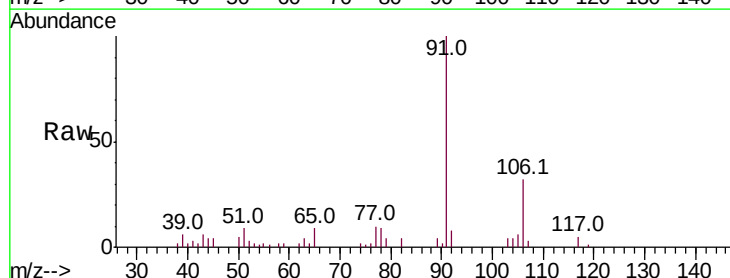
Acq: 25 Nov 2020 15:30

Tgt Ion: 91 Resp: 19484

Ion Ratio Lower Upper

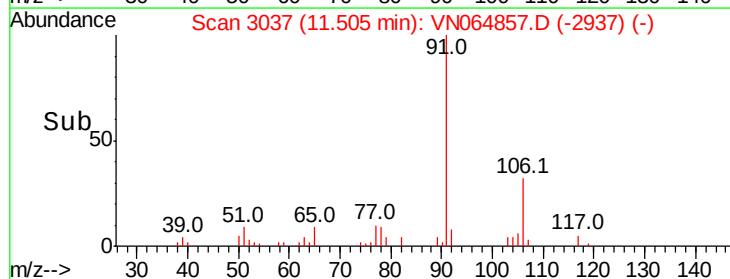
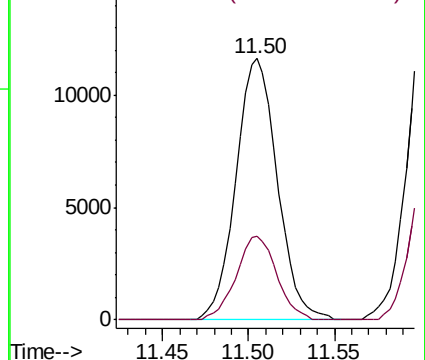
91 100

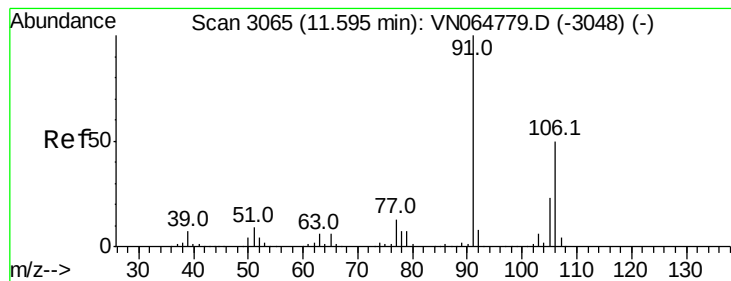
106 32.0 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 4.347 ug/l

RT: 11.61 min Scan# 3070

Delta R.T. 0.02 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampled :

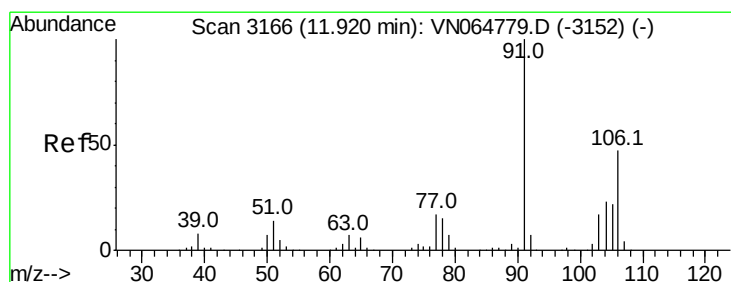
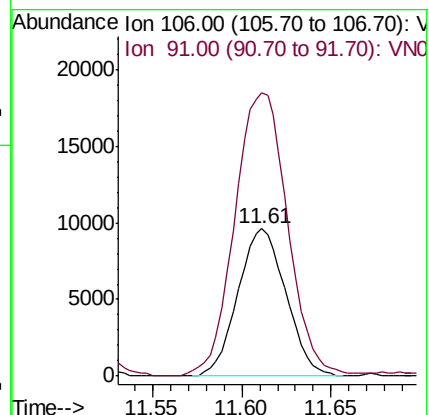
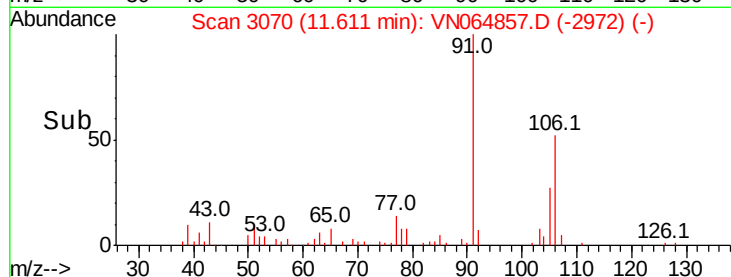
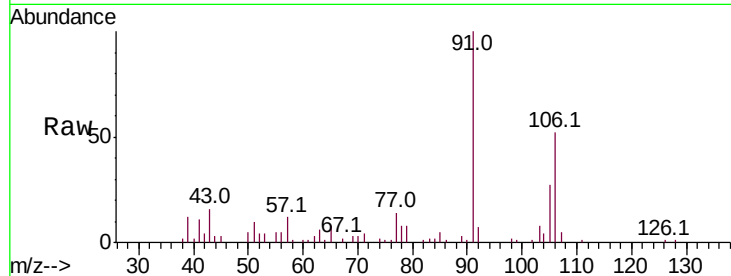
COMP-56-67

Tot Ion:106 Resp: 18020

Ion Ratio Lower Upper

106 100

91 212.4 161.0 241.4



#69

o-Xylene

Concen: 3.542 ug/l

RT: 11.94 min Scan# 3171

Delta R.T. 0.02 min

Lab File: VN064857.D

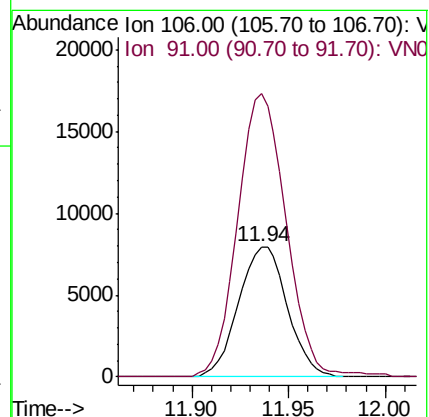
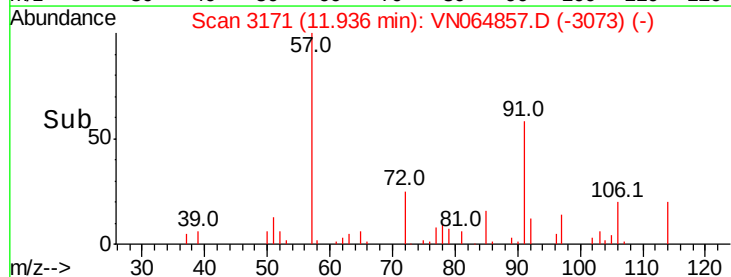
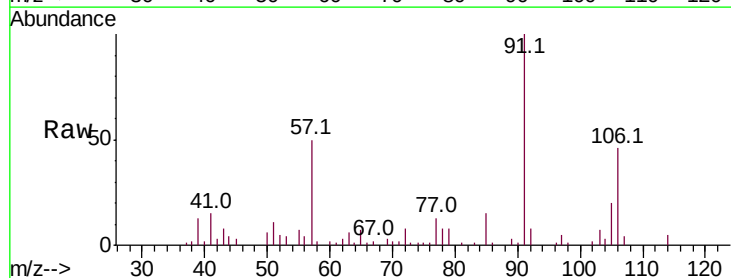
Acq: 25 Nov 2020 15:30

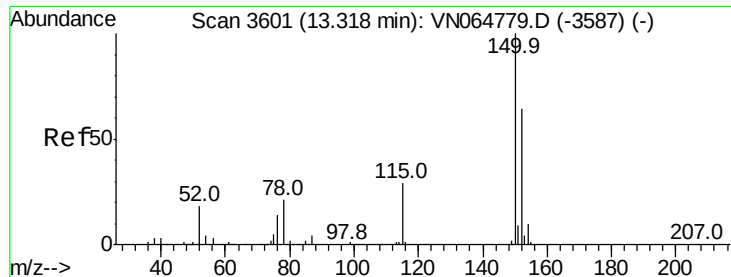
Tgt Ion:106 Resp: 13933

Ion Ratio Lower Upper

106 100

91 216.8 105.5 316.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampled :

COMP-56-67

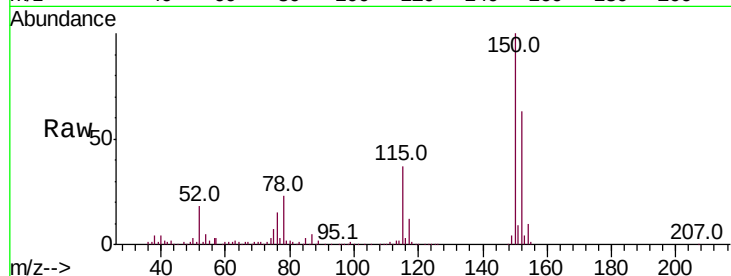
Tot Ion:152 Resp: 175647

Ion Ratio Lower Upper

152 100

115 58.2 29.7 89.1

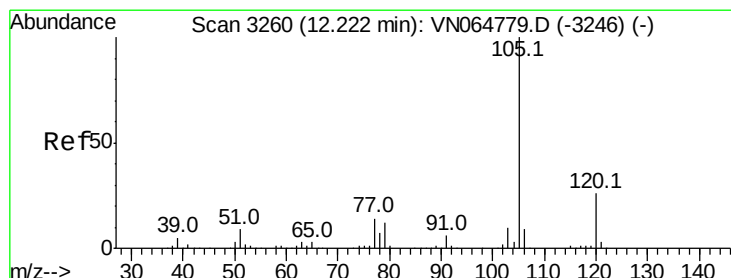
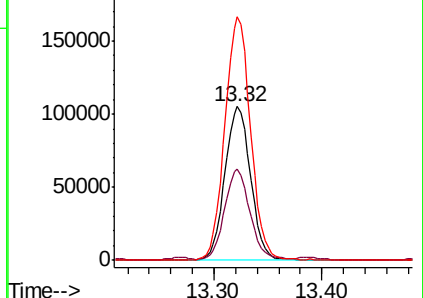
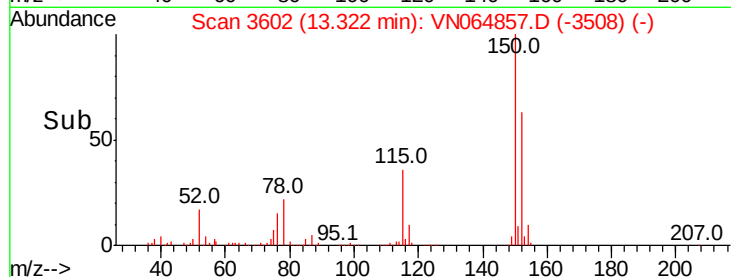
150 157.0 0.0 350.6



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: 0.532 ug/l

RT: 12.23 min Scan# 3264

Delta R.T. 0.01 min

Lab File: VN064857.D

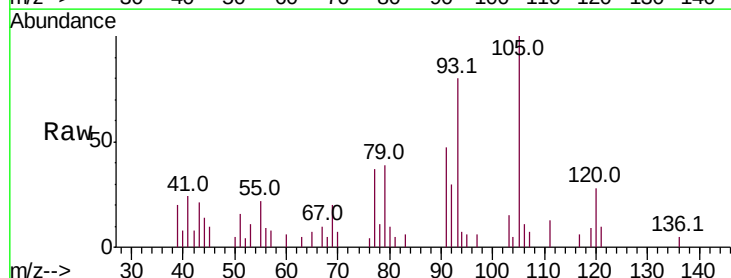
Acq: 25 Nov 2020 15:30

Tgt Ion:105 Resp: 6503

Ion Ratio Lower Upper

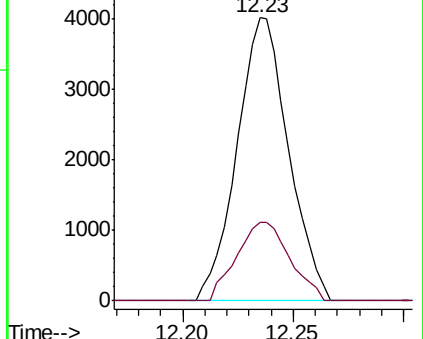
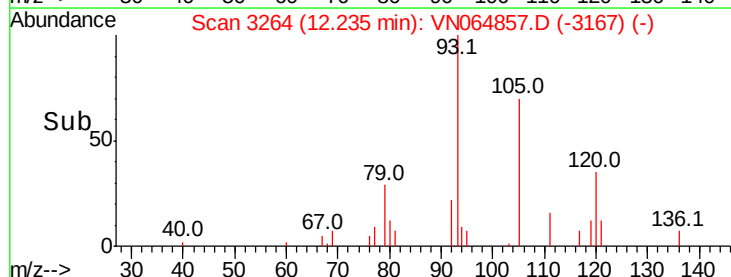
105 100

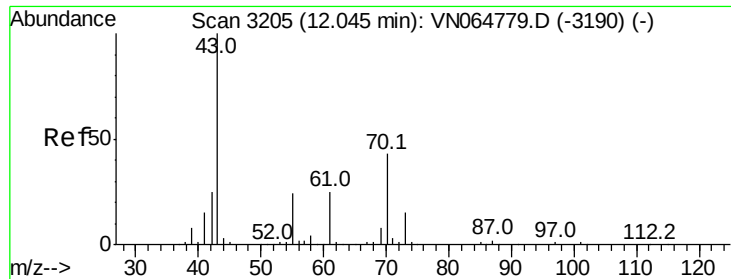
120 28.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.884 ug/l

RT: 12.03 min Scan# 3199

Delta R.T. -0.02 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampled :

COMP-56-67

Tot Ion: 43 Resp: 4249

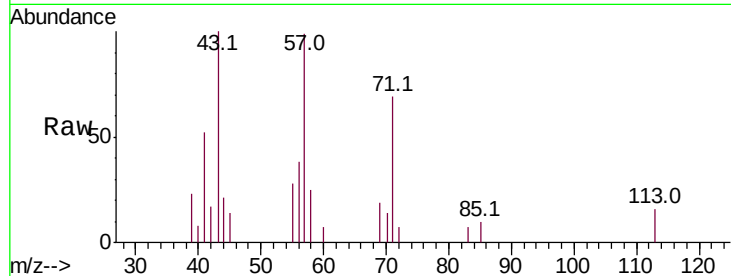
Ion Ratio Lower Upper

43 100

70 21.1 34.5 51.7#

55 11.2 20.4 30.6#

61 0.0 20.0 30.0#

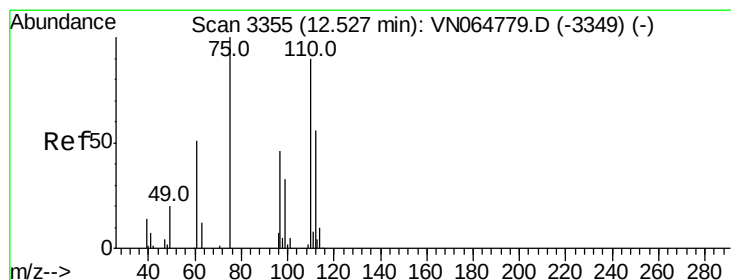
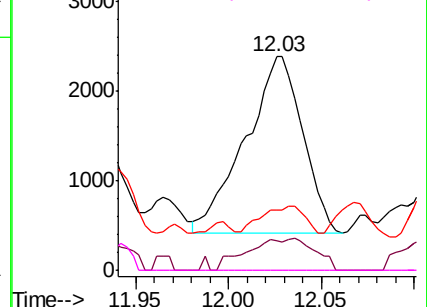
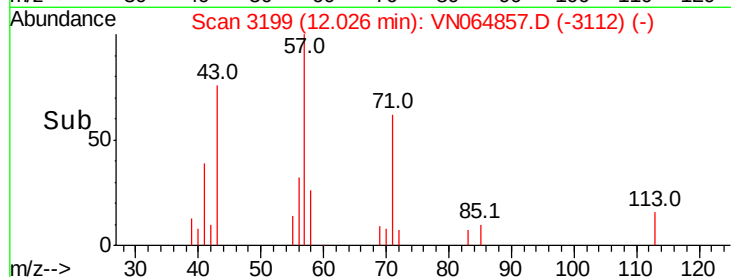


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 19.638 ug/l

RT: 12.39 min Scan# 3311

Delta R.T. -0.14 min

Lab File: VN064857.D

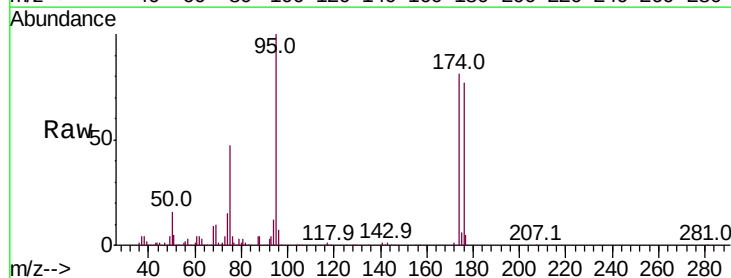
Acq: 25 Nov 2020 15:30

Tgt Ion: 75 Resp: 74284

Ion Ratio Lower Upper

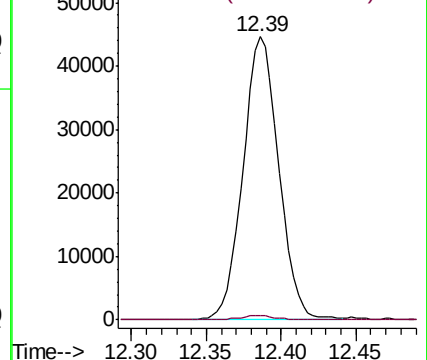
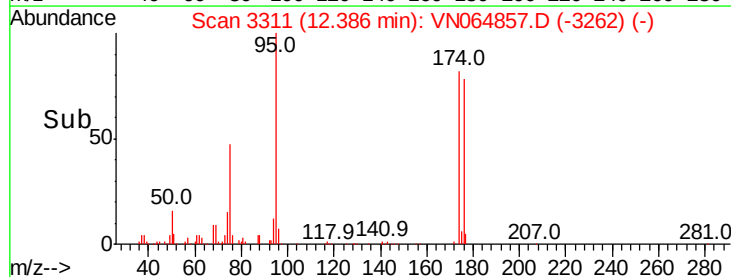
75 100

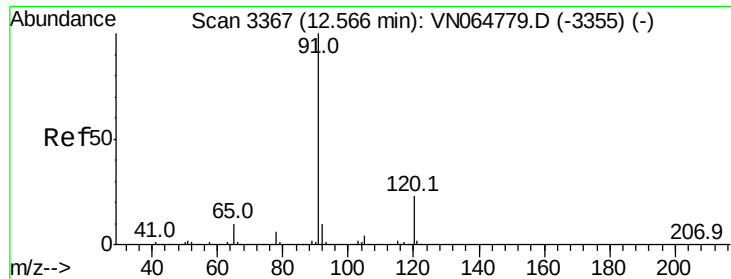
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 1.370 ug/l

RT: 12.58 min Scan# 3370

Delta R.T. 0.01 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampled :

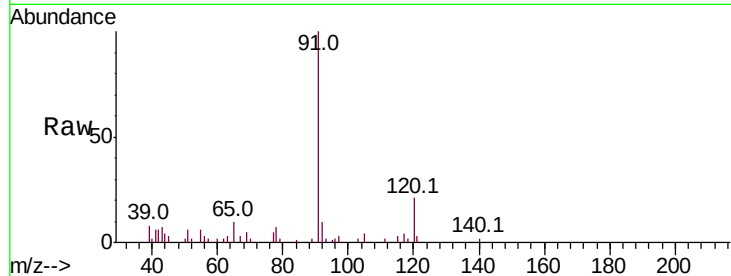
COMP-56-67

Tot Ion: 91 Resp: 19064

Ion Ratio Lower Upper

91 100

120 22.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3355) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3355) (-)

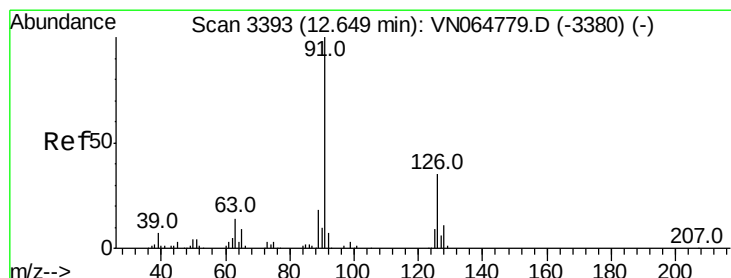
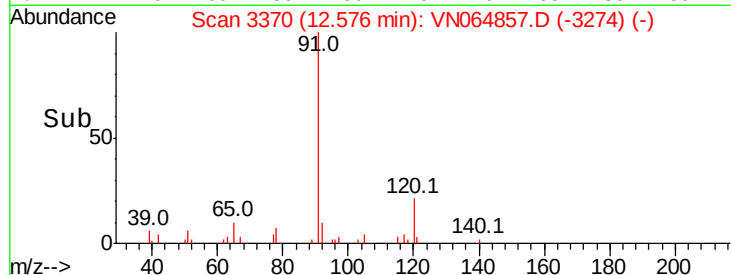
12.58

10000

5000

0

Time--> 12.50 12.55 12.60



#79

2-Chlorotoluene

Concen: 0.776 ug/l

RT: 12.64 min Scan# 3390

Delta R.T. -0.01 min

Lab File: VN064857.D

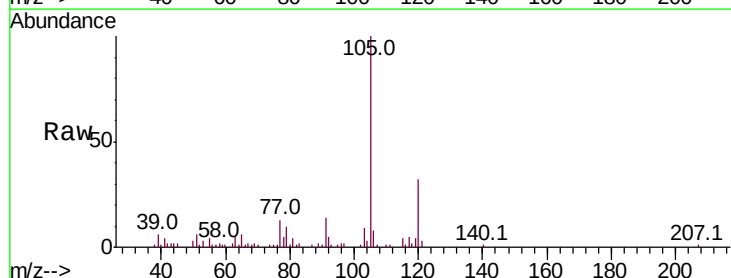
Acq: 25 Nov 2020 15:30

Tgt Ion: 91 Resp: 6675

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)

12.64

10000

8000

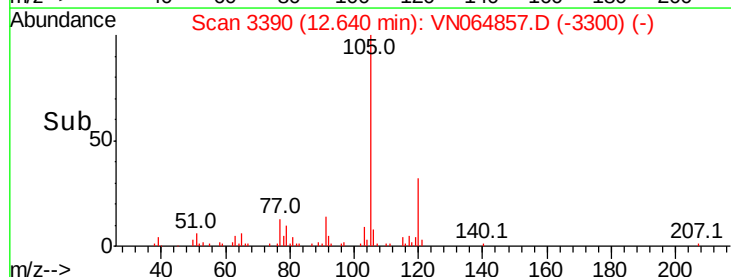
6000

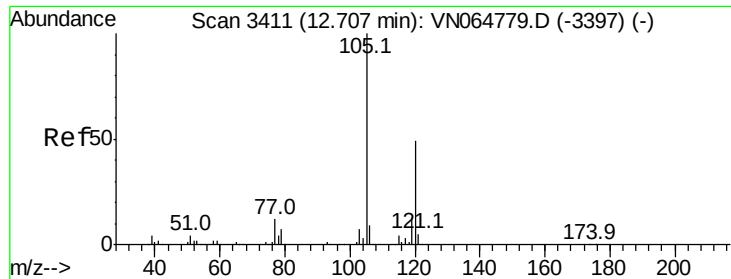
4000

2000

0

Time--> 12.60 12.65





#80

1,3,5-Trimethylbenzene

Concen: 2.008 ug/l

RT: 12.71 min Scan# 3413

Delta R.T. 0.01 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

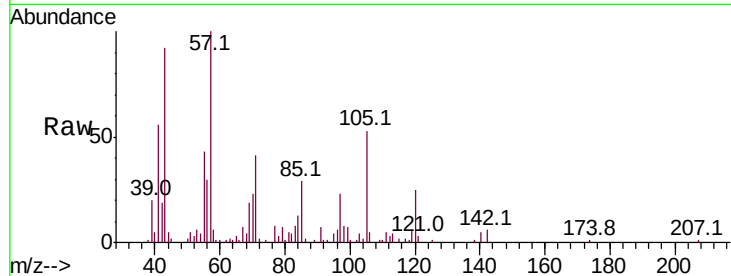
COMP-56-67

Tot Ion:105 Resp: 20392

Ion Ratio Lower Upper

105 100

120 47.6 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

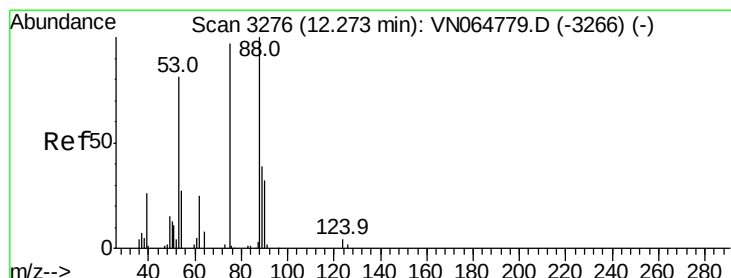
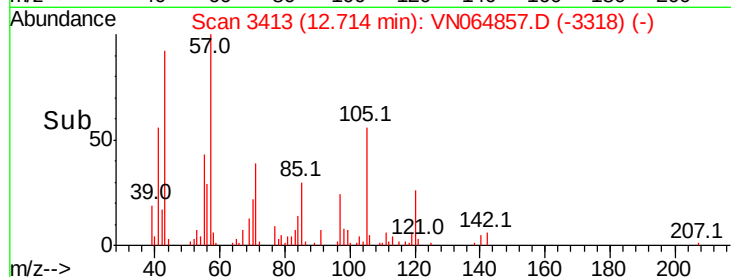
12.71

10000

5000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 53.823 ug/l

RT: 12.39 min Scan# 3311

Delta R.T. 0.11 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

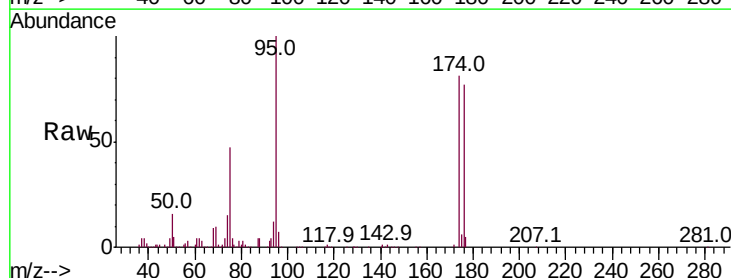
Tgt Ion: 75 Resp: 74284

Ion Ratio Lower Upper

75 100

53 0.1 67.0 100.4#

89 0.0 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

60000

50000

40000

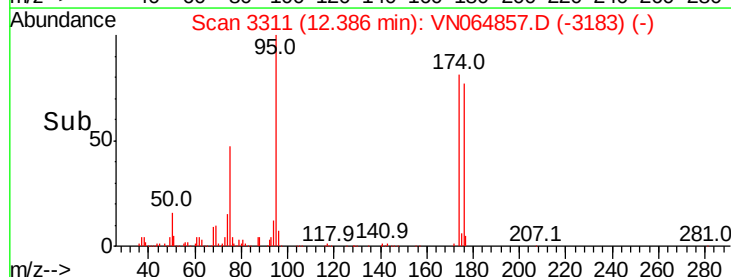
30000

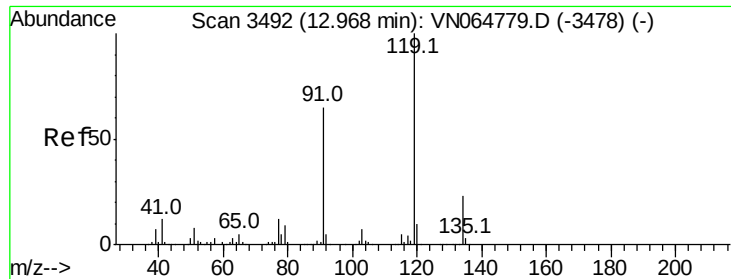
20000

10000

0

Time-->

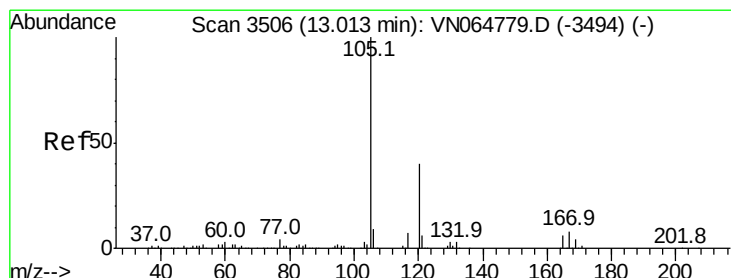
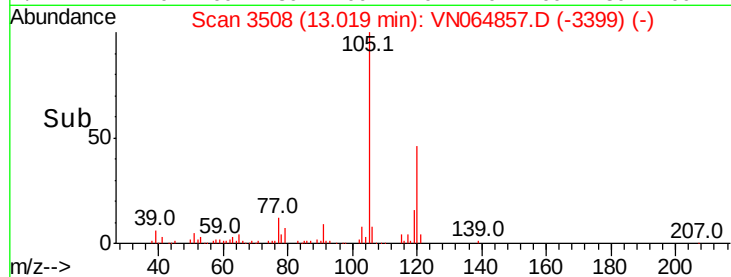
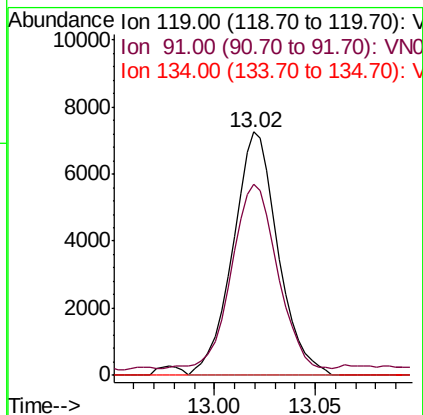
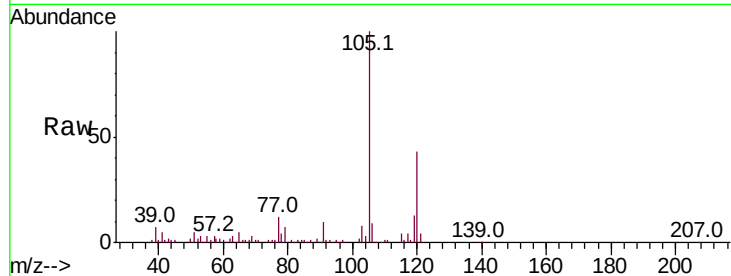




#83
tert-Butylbenzene
Concen: 1.331 ug/l
RT: 13.02 min Scan# 3508
Delta R.T. 0.05 min
Lab File: VN064857.D
Acq: 25 Nov 2020 15:30

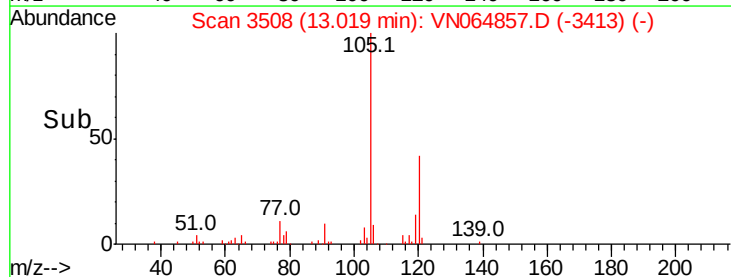
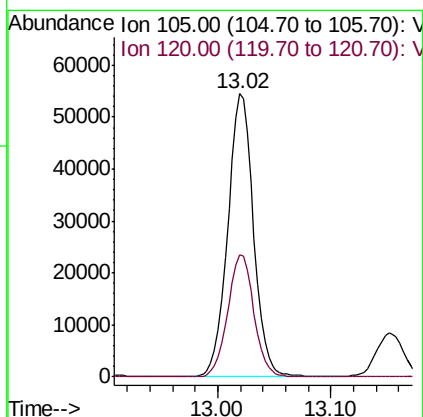
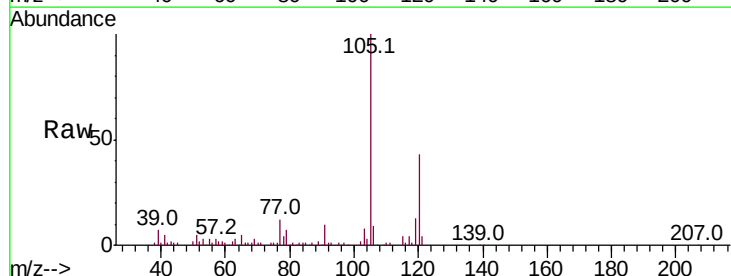
Instrument :
MSVOA_N
ClientSampled :
COMP-56-67

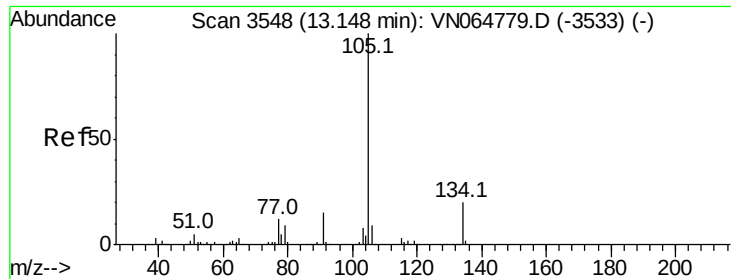
Tot Ion:119 Resp: 11327
Ion Ratio Lower Upper
119 100
91 77.1 32.3 96.8
134 0.0 12.6 37.6#



#84
1,2,4-Trimethylbenzene
Concen: 8.409 ug/l
RT: 13.02 min Scan# 3508
Delta R.T. 0.01 min
Lab File: VN064857.D
Acq: 25 Nov 2020 15:30

Tgt Ion:105 Resp: 86338
Ion Ratio Lower Upper
105 100
120 43.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 1.267 ug/l

RT: 13.15 min Scan# 3549

Delta R.T. 0.00 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampled :

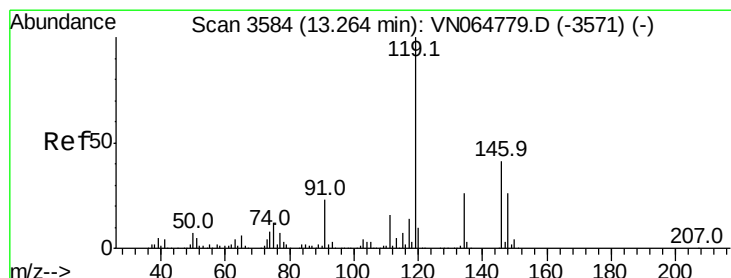
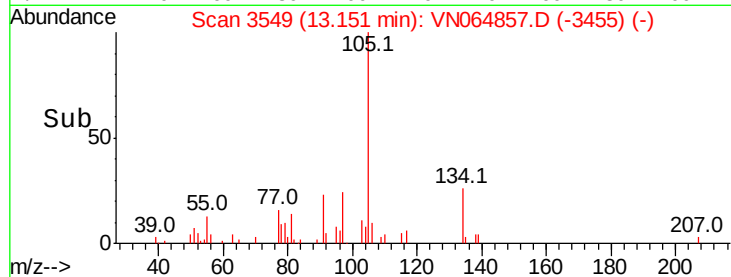
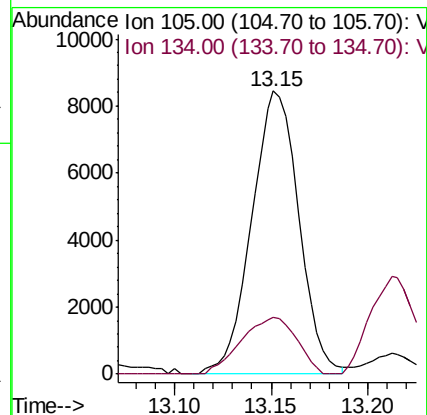
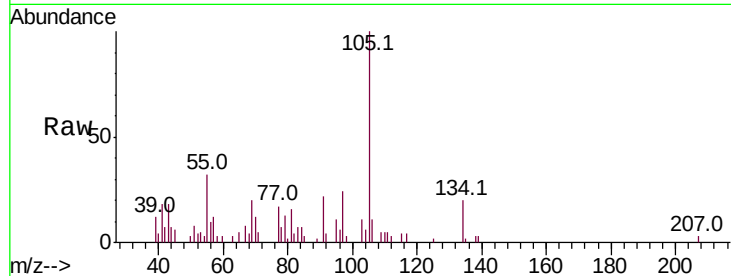
COMP-56-67

Tot Ion:105 Resp: 14320

Ion Ratio Lower Upper

105 100

134 23.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 3.359 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. 0.00 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

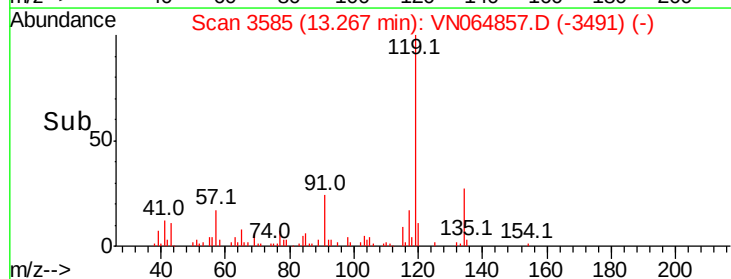
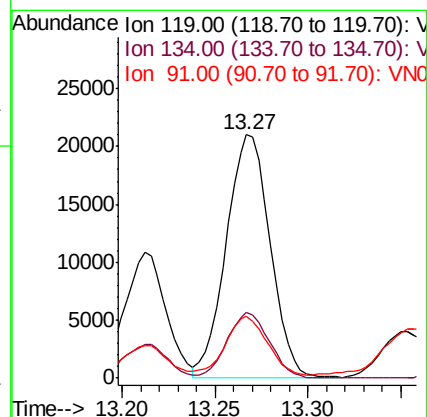
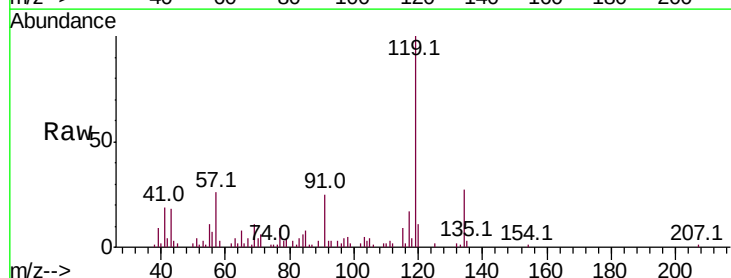
Tgt Ion:119 Resp: 34563

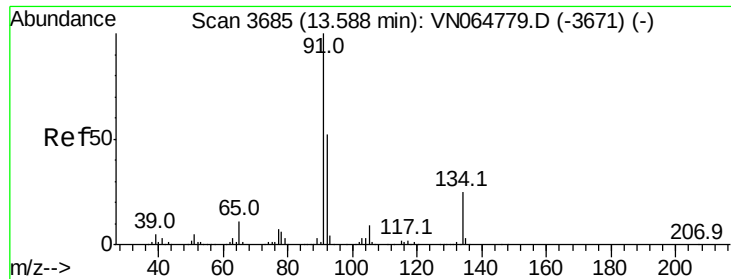
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 22.3 11.5 34.5

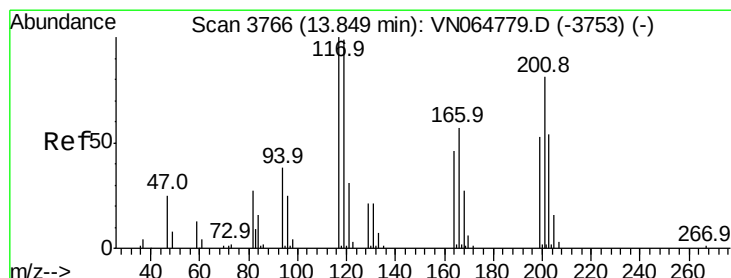
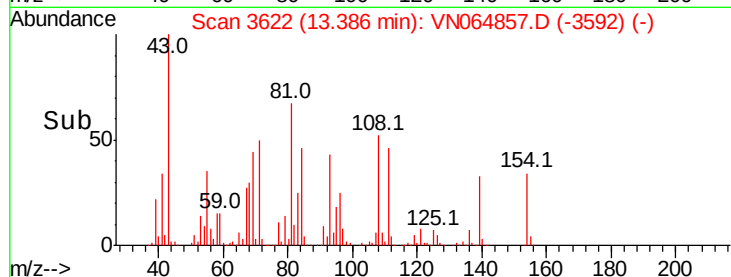
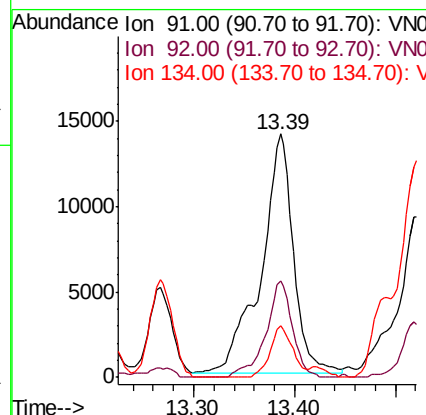
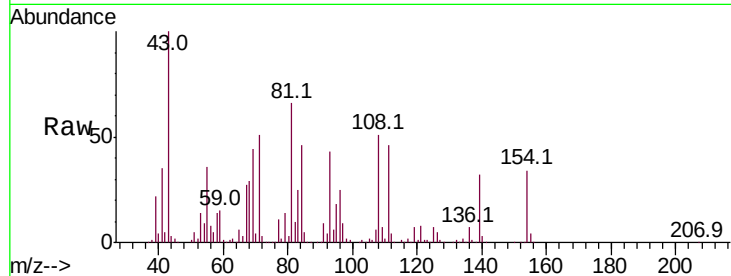




#89
n-Butylbenzene
Concen: 3.436 ug/l
RT: 13.39 min Scan# 3622
Delta R.T. -0.20 min
Lab File: VN064857.D
Acq: 25 Nov 2020 15:30

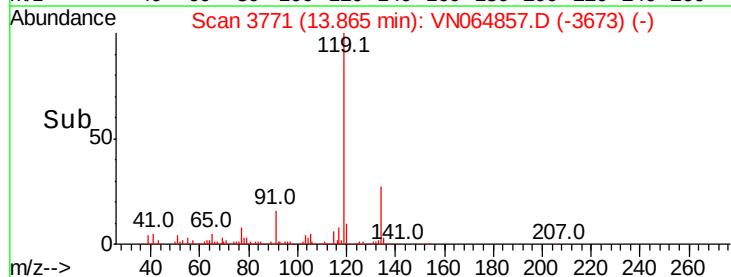
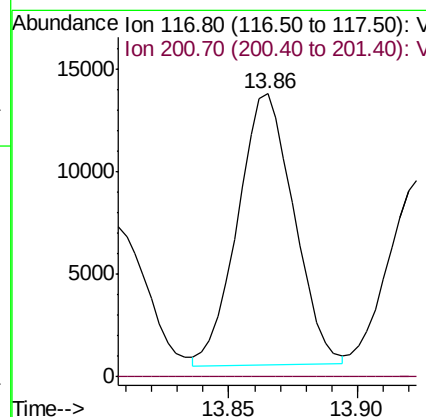
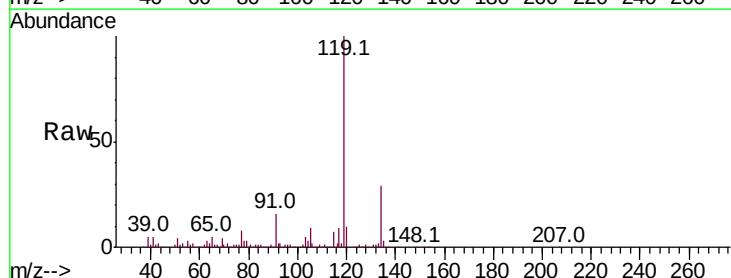
Instrument :
MSVOA_N
ClientSampled :
COMP-56-67

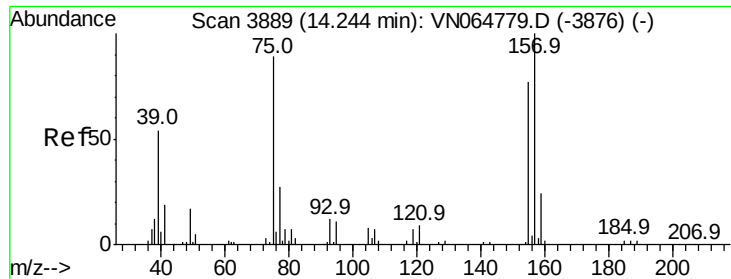
Tot Ion: 91 Resp: 31050
Ion Ratio Lower Upper
91 100
92 33.2 26.0 78.0
134 15.0 12.9 38.6



#90
Hexachloroethane
Concen: 11.243 ug/l
RT: 13.86 min Scan# 3771
Delta R.T. 0.02 min
Lab File: VN064857.D
Acq: 25 Nov 2020 15:30

Tgt Ion: 117 Resp: 20096
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.3#

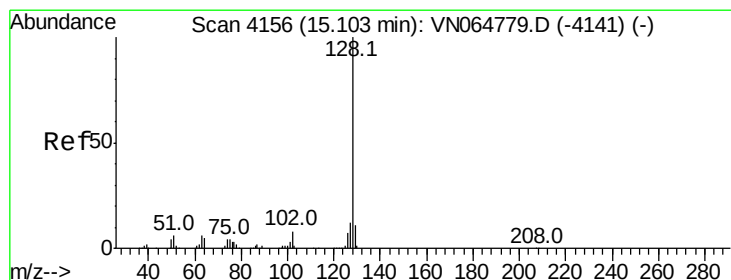
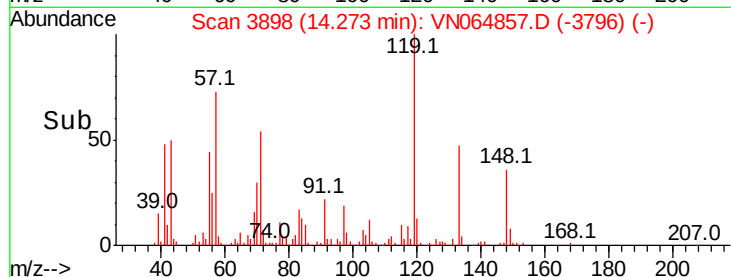
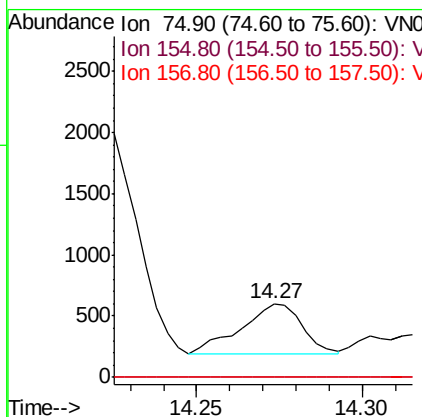
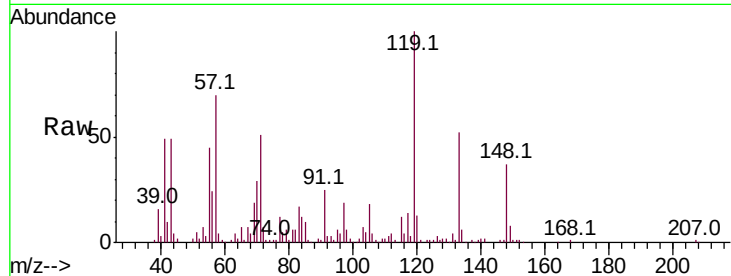




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.654 ug/l
 RT: 14.27 min Scan# 3889
 Delta R.T. 0.03 min
 Lab File: VN064857.D
 Acq: 25 Nov 2020 15:30

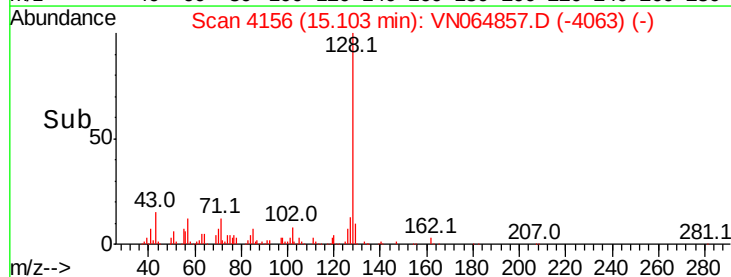
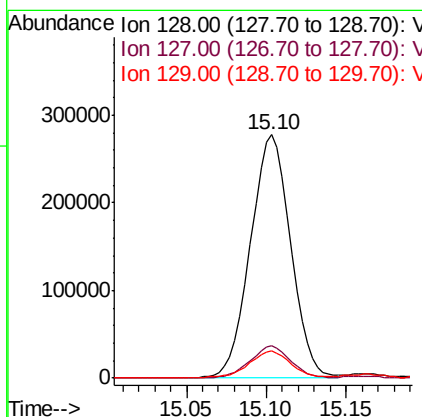
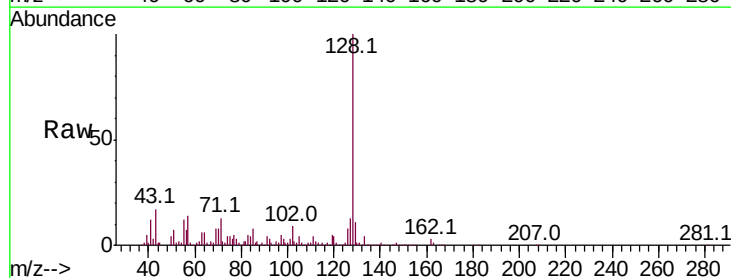
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-56-67

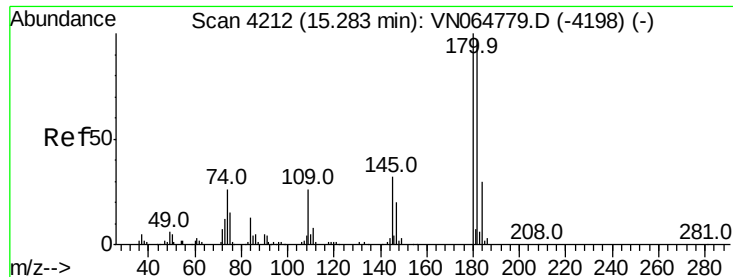
Tot Ion: 75 Resp: 527
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.8 128.3#
 157 0.0 56.4 169.1#



#95
 Naphthalene
 Concen: 44.726 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN064857.D
 Acq: 25 Nov 2020 15:30

Tgt Ion: 128 Resp: 476283
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.3 15.5
 129 11.3 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 1.788 ug/l

RT: 15.25 min Scan# 4202

Delta R.T. -0.03 min

Lab File: VN064857.D

Acq: 25 Nov 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

COMP-56-67

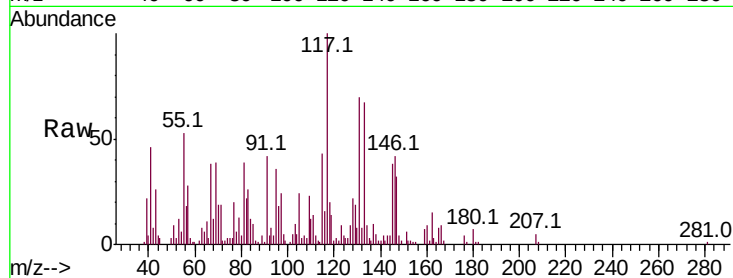
Tot Ion:180 Resp: 1377

Ion Ratio Lower Upper

180 100

182 19.0 48.1 144.4#

145 424.3 16.4 49.1#



Abundance Ion 179.80 (179.50 to 180.50): V

15000 Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

