

Data File : VL035402.D
Acq On : 13 Aug 2020 15:33
Operator : SY/AP
Sample : L3510-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
E053-1100

Quant Time: Aug 14 04:28:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 20:32:44 2020
QLast Update : Wed Aug 12 20:32:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1346198	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3006329	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2976005	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2854488	11.88	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	118.80%

Target Compounds

						Qvalue
4) Chloromethane	3.13	50	7871	0.090	ppbv #	80
6) Bromomethane	3.47	94	1866599	38.938	ppbv	99
9) Propene	3.35	41	11335	0.140	ppbv	96
13) Ethanol	3.61	45	78139	2.939	ppbv	94
15) Acetone	3.86	43	184241	1.087	ppbv	100
17) tert-Butyl alcohol	4.28	59	146211	0.739	ppbv #	73
18) 1,1-Dichloroethene	4.28	96	1799562	29.358	ppbv	94
20) Methylene Chloride	4.34	84	854961	13.353	ppbv	98
23) Vinyl Acetate	5.07	43	9520	0.035	ppbv #	81
25) Ethyl Acetate	5.69	43	211592	0.605	ppbv #	77
26) Hexane	5.69	57	296638	1.937	ppbv #	40
29) Chloroform	5.75	83	4628347	21.178	ppbv	95
34) 2-Butanone	5.27	43	41686	0.195	ppbv	92
35) Carbon Tetrachloride	7.02	117	7140	0.034	ppbv #	76
36) Benzene	6.89	78	9919	0.034	ppbv #	84
38) Trichloroethene	7.84	130	3298472	29.196	ppbv	97
39) 1,2-Dichloropropane	7.18	63	839596	7.355	ppbv #	25
42) Bromodichloromethane	7.80	83	7510348	33.318	ppbv #	91
47) 1,1,2-Trichloroethane	9.48	97	3063609	26.460	ppbv	98
48) Dibromochloromethane	10.32	129	4790924	25.889	ppbv	99
53) Toluene	9.82	91	13754	0.040	ppbv #	18
58) Ethyl Benzene	12.73	91	8404822	17.869	ppbv	89
59) m/p-Xylene	12.73	91	8404822	21.428	ppbv #	81
67) sec-Butylbenzene	17.32	105	34347	0.048	ppbv	94
70) n-Butylbenzene	18.58	91	38353	0.057	ppbv #	62
72) 4-Ethyltoluene	15.85	105	20779	0.045	ppbv #	76
73) 1,3,5-Trimethylbenzene	16.01	105	162154	0.373	ppbv	88
74) 1,2,4-Trimethylbenzene	16.78	105	292047	0.639	ppbv #	67
75) 1,3-Dichlorobenzene	17.16	146	7191672	28.825	ppbv	97
76) 1,4-Dichlorobenzene	17.16	146	7191672	28.063	ppbv	95
77) 1,2-Dichlorobenzene	17.84	146	6988314	27.782	ppbv	96
80) Naphthalene,2-methyl-	24.99	142	25047	0.094	ppbv	96

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

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Instrument :

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ClientSampleId :

E053-1100

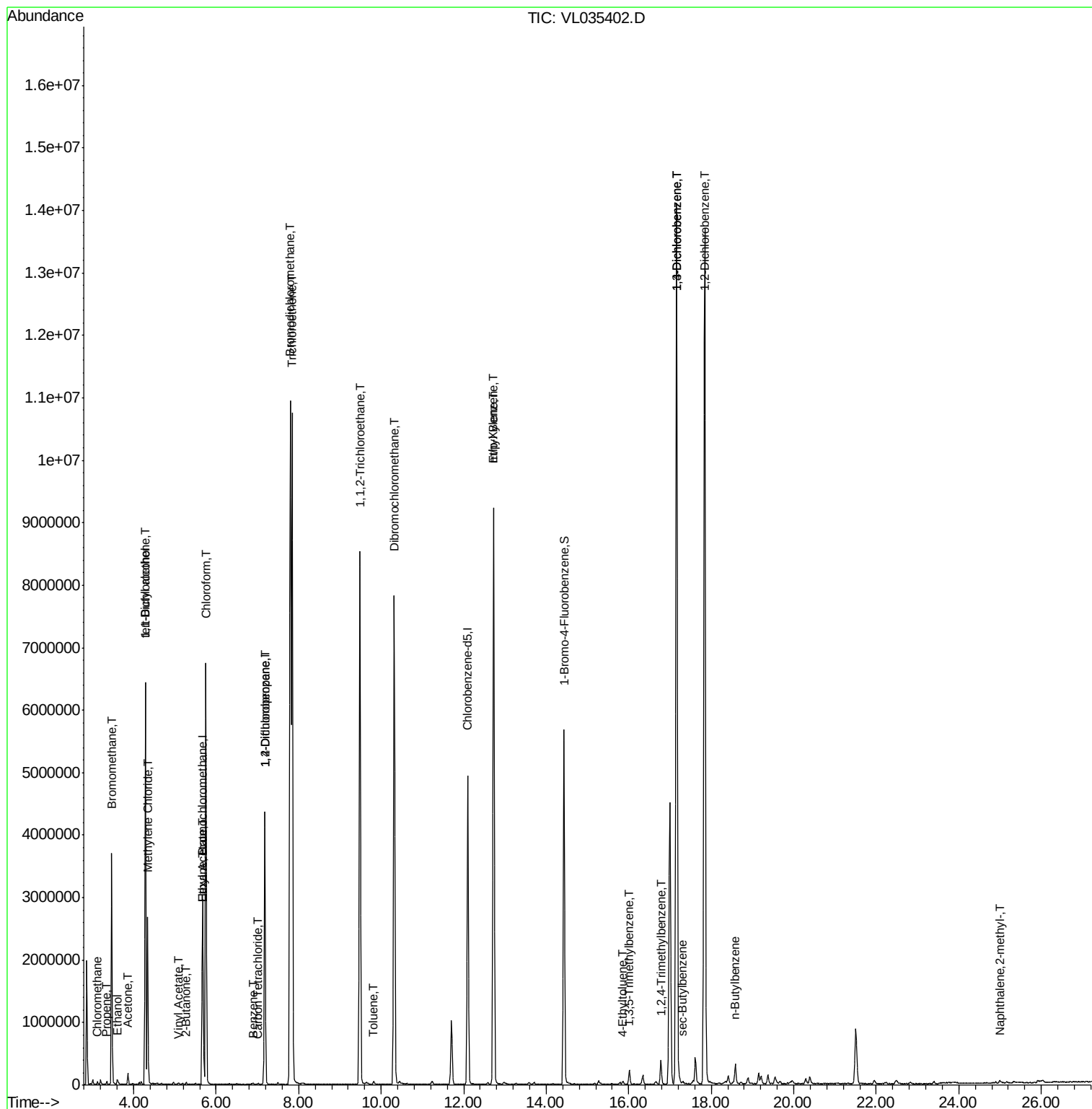
Quant Time: Aug 14 04:28:51 2020

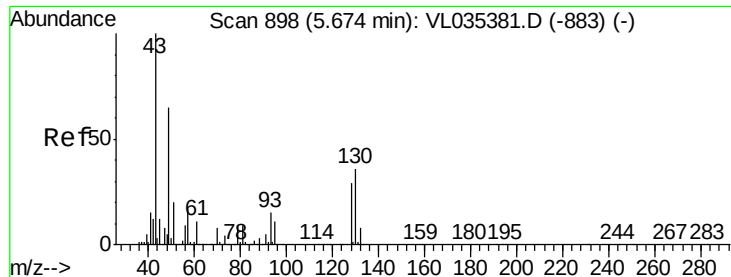
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081220AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 12 20:32:44 2020

QLast Update : Wed Aug 12 20:32:44 2020

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

E053-1100

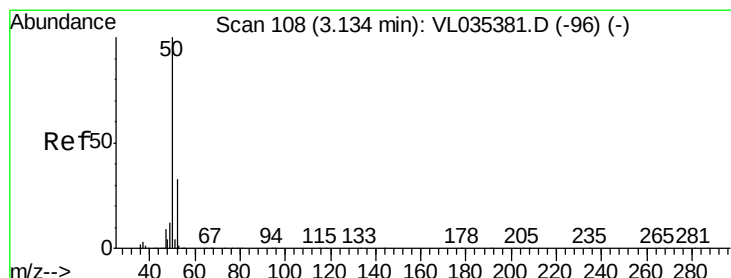
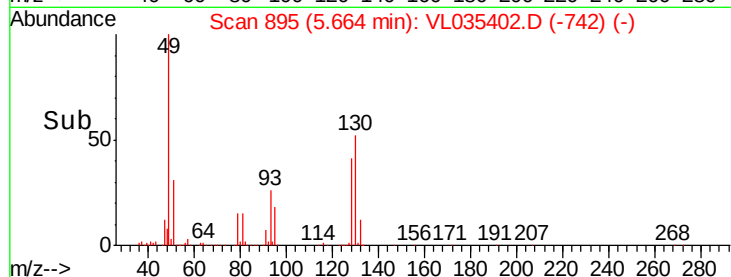
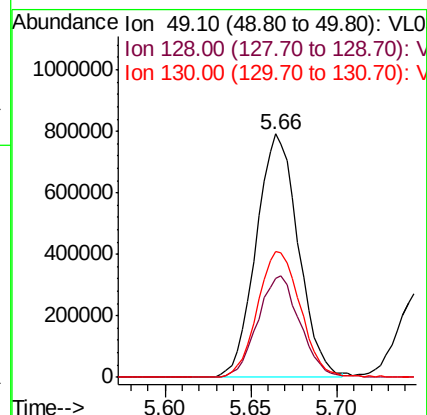
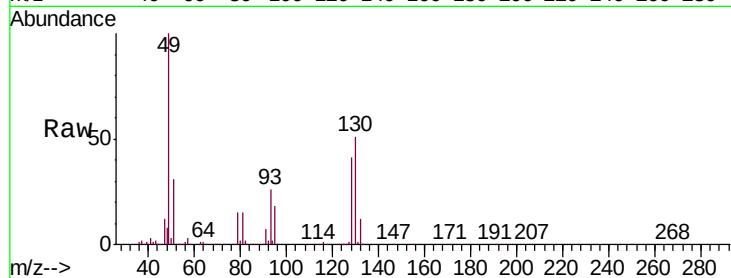
Tgt Ion: 49 Resp: 1346198

Ion Ratio Lower Upper

49 100

128 42.1 21.8 65.3

130 53.0 27.9 83.6



#4

Chloromethane

Concen: 0.090 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.01 min

Lab File: VL035402.D

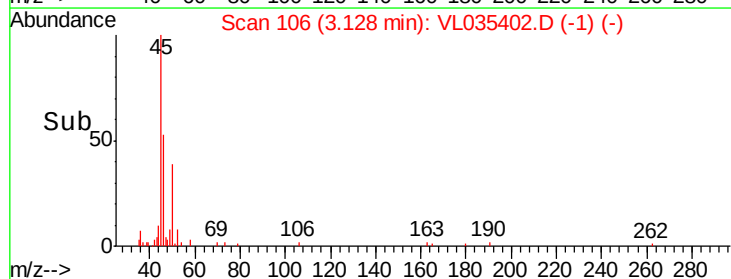
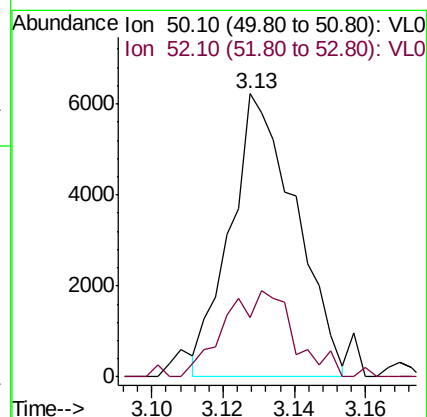
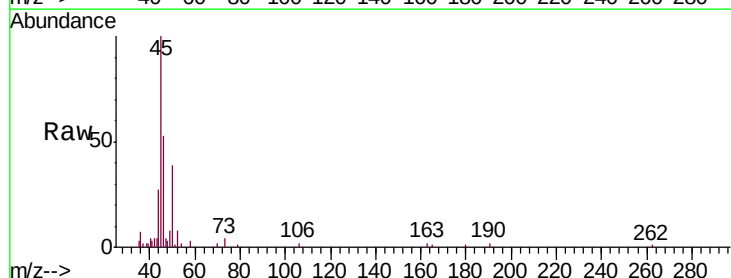
Acq: 13 Aug 2020 15:33

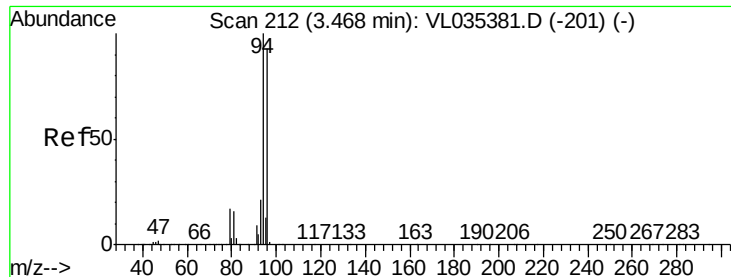
Tgt Ion: 50 Resp: 7871

Ion Ratio Lower Upper

50 100

52 21.8 26.6 39.8#





#6

Bromomethane

Concen: 38.938 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.00 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

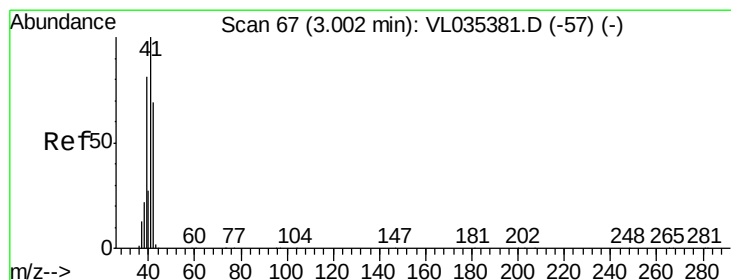
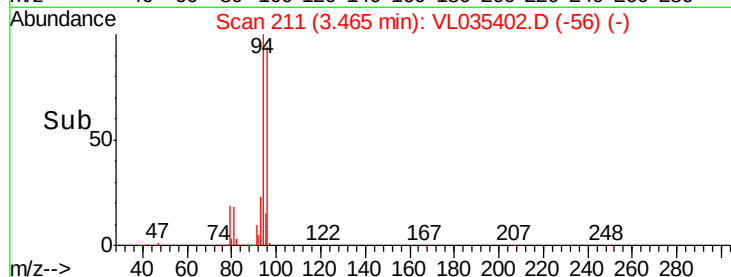
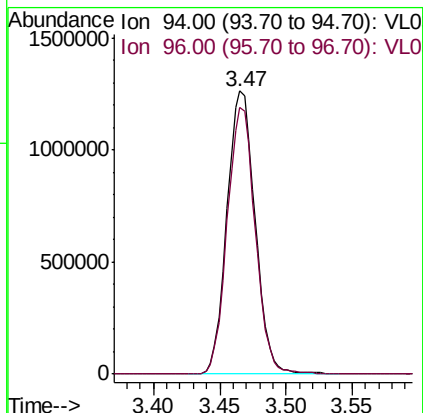
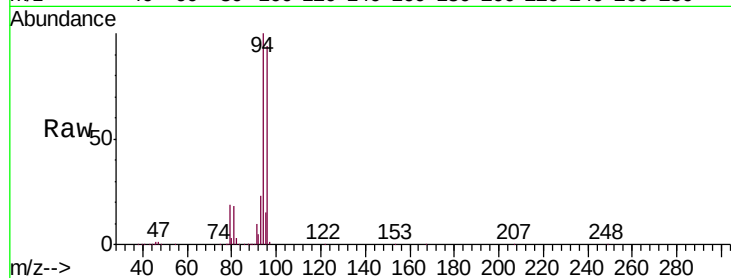
E053-1100

Tgt Ion: 94 Resp: 1866599

Ion Ratio Lower Upper

94 100

96 94.4 74.4 111.6



#9

Propene

Concen: 0.140 ppbv

RT: 3.35 min Scan# 175

Delta R.T. 0.35 min

Lab File: VL035402.D

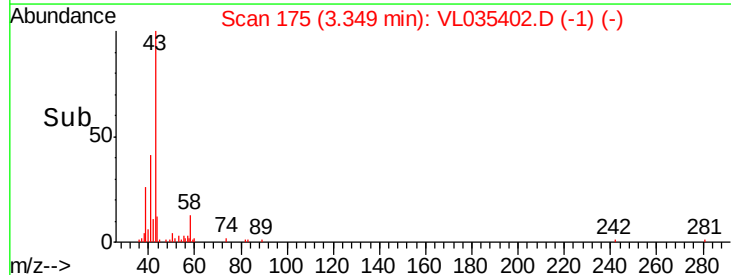
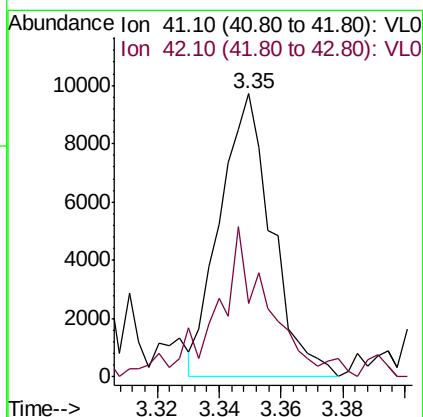
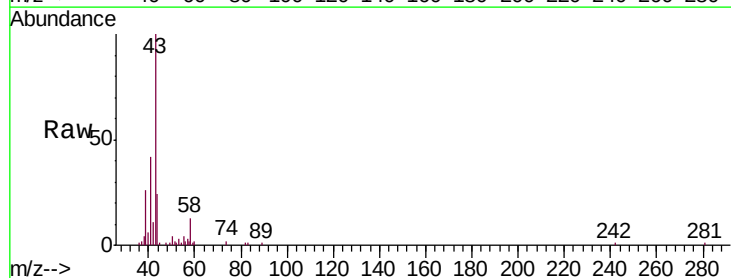
Acq: 13 Aug 2020 15:33

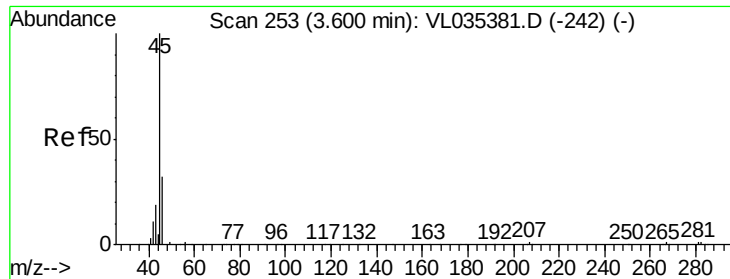
Tgt Ion: 41 Resp: 11335

Ion Ratio Lower Upper

41 100

42 66.4 55.4 83.2

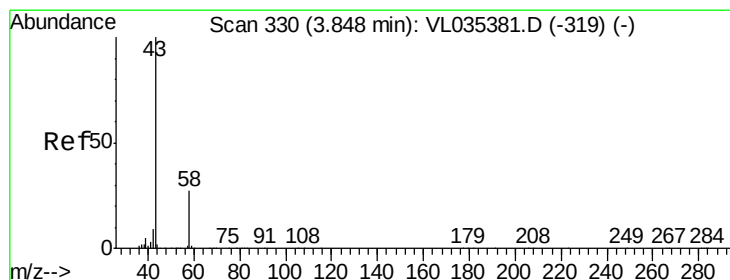
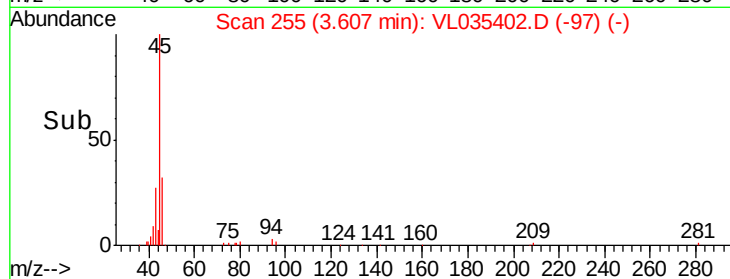
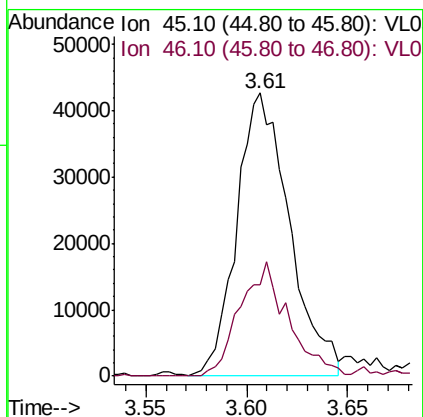
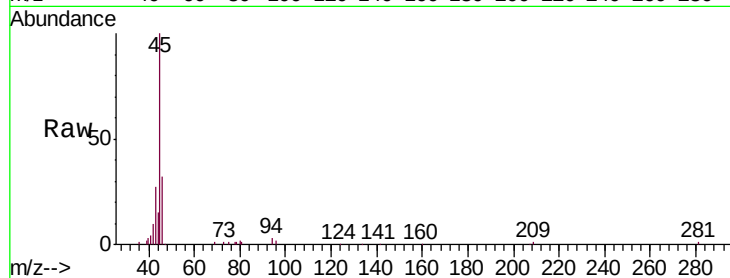




#13
Ethanol
Concen: 2.939 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.01 min
Lab File: VL035402.D
Acq: 13 Aug 2020 15:33

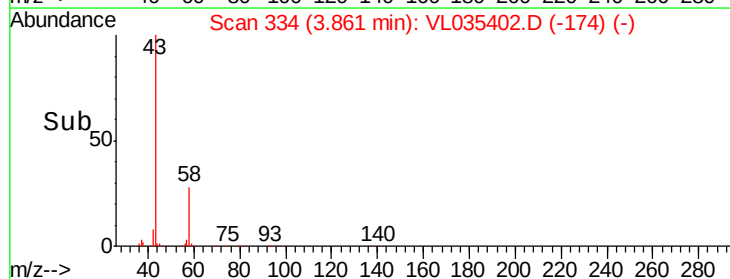
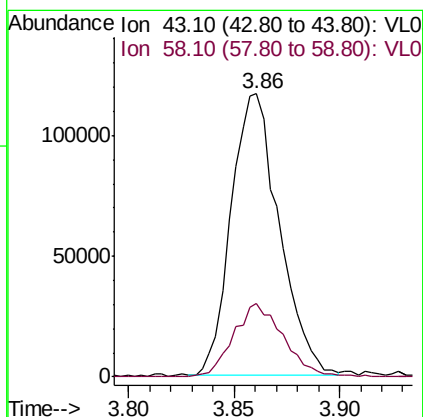
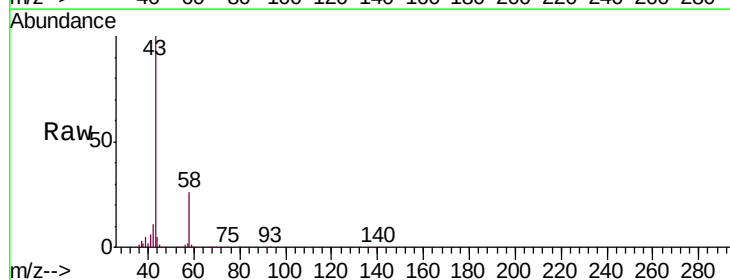
Instrument :
MSVOA_L
ClientSampleId :
E053-1100

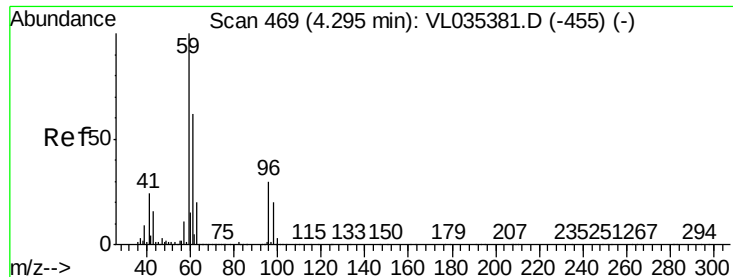
Tgt Ion: 45 Resp: 78139
Ion Ratio Lower Upper
45 100
46 38.9 14.1 56.3



#15
Acetone
Concen: 1.087 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL035402.D
Acq: 13 Aug 2020 15:33

Tgt Ion: 43 Resp: 184241
Ion Ratio Lower Upper
43 100
58 27.2 21.7 32.5





#17

tert-Butyl alcohol

Concen: 0.739 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

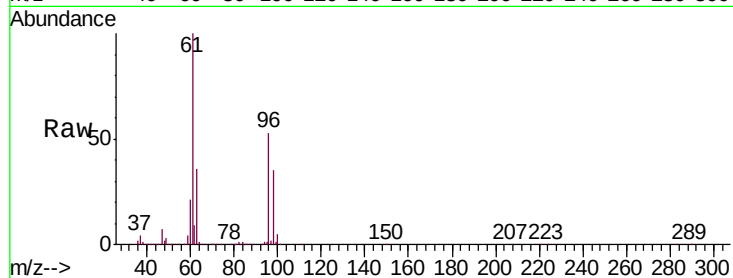
E053-1100

Tgt Ion: 59 Resp: 146211

Ion Ratio Lower Upper

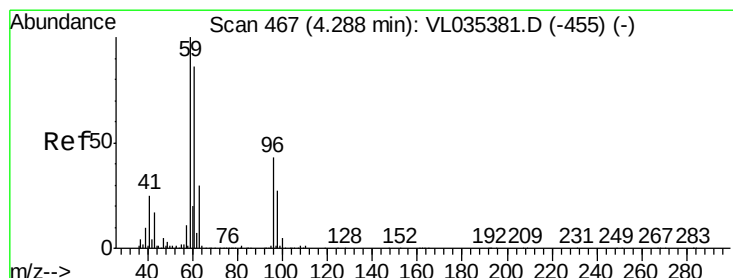
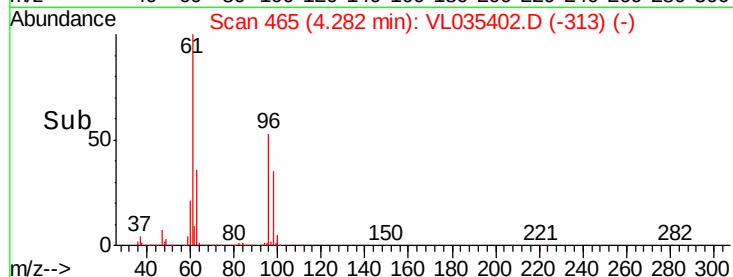
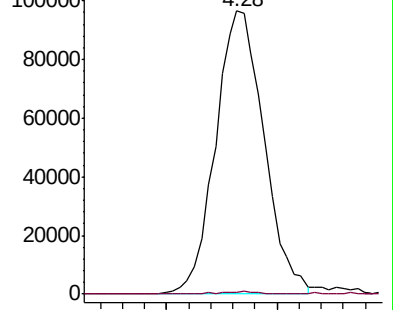
59 100

57 0.7 8.6 13.0#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene

Concen: 29.358 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

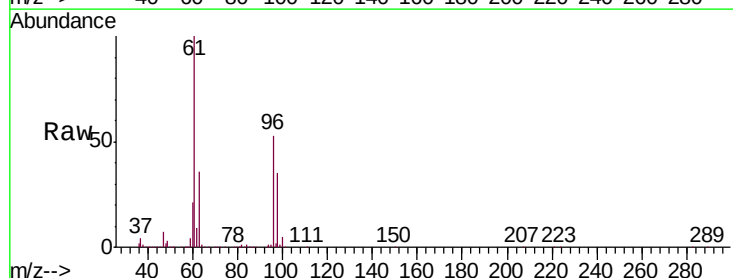
Tgt Ion: 96 Resp: 1799562

Ion Ratio Lower Upper

96 100

61 188.8 159.0 238.4

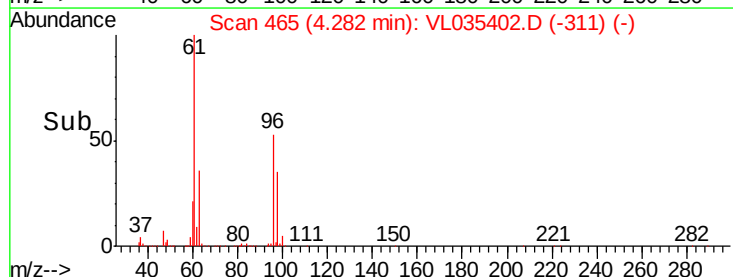
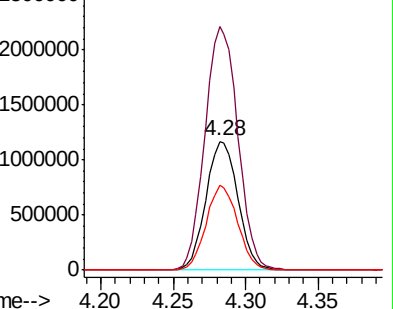
98 65.6 50.3 75.5

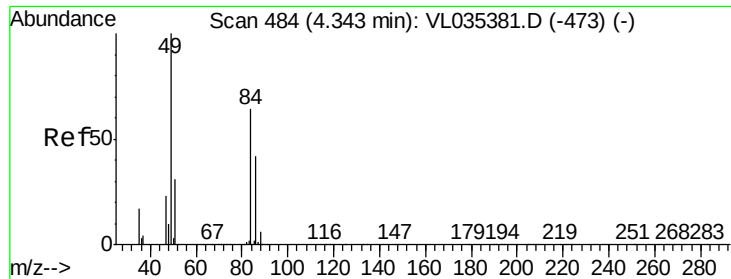


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

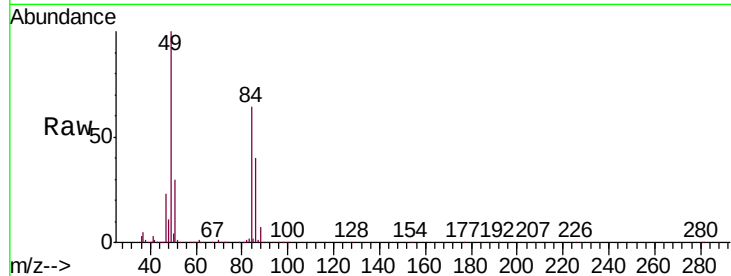




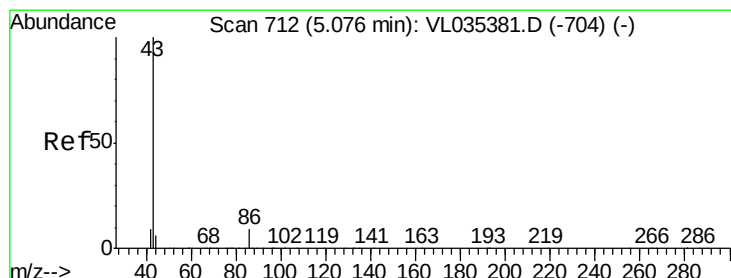
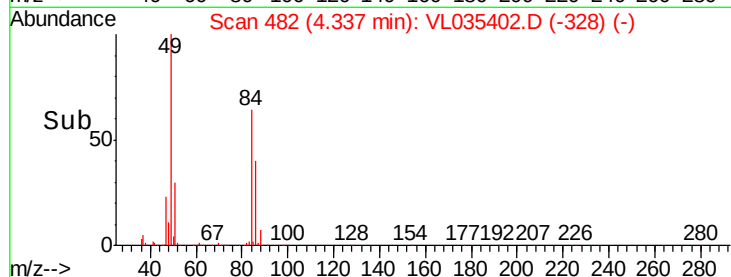
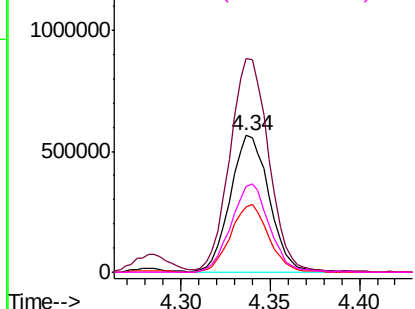
#20
Methylene Chloride
Concen: 13.353 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL035402.D
Acq: 13 Aug 2020 15:33

Instrument :
MSVOA_L
ClientSampleId :
E053-1100

Tgt Ion:	84	Resp:	854961
Ion	Ratio	Lower	Upper
84	100		
49	155.6	125.7	188.5
51	47.5	38.5	57.7
86	63.3	52.4	78.6

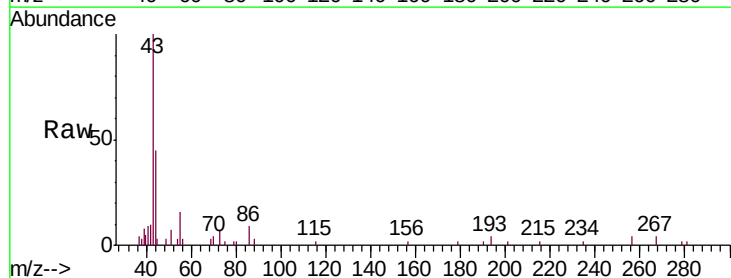


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

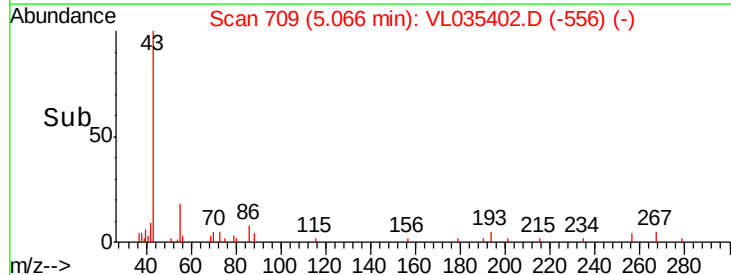
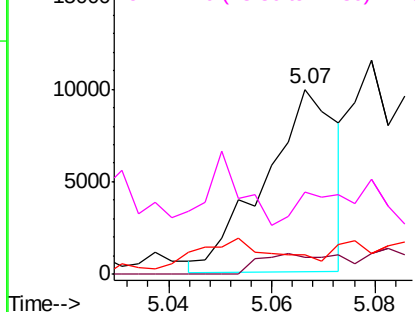


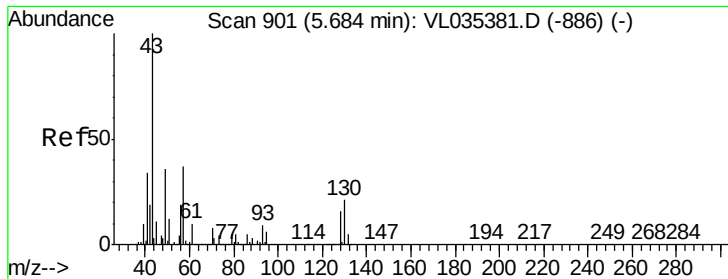
#23
Vinyl Acetate
Concen: 0.035 ppbv
RT: 5.07 min Scan# 709
Delta R.T. -0.01 min
Lab File: VL035402.D
Acq: 13 Aug 2020 15:33

Tgt Ion:	43	Resp:	9520
Ion	Ratio	Lower	Upper
43	100		
86	9.8	5.8	8.8#
42	0.0	8.0	12.0#
44	11.4	4.2	6.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 86.10 (85.80 to 86.80): VL0
Ion 42.10 (41.80 to 42.80): VL0
Ion 44.10 (43.80 to 44.80): VL0





#25

Ethyl Acetate

Concen: 0.605 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

E053-1100

Tgt Ion: 43 Resp: 211592

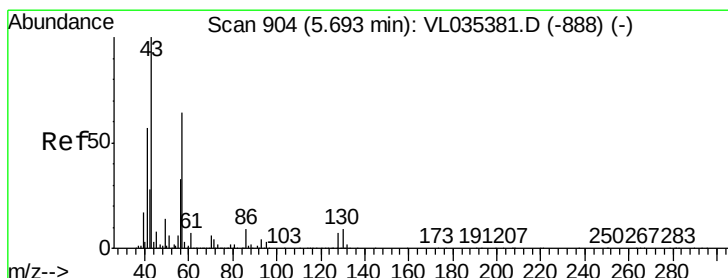
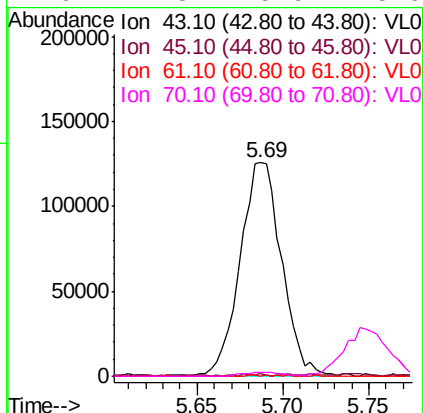
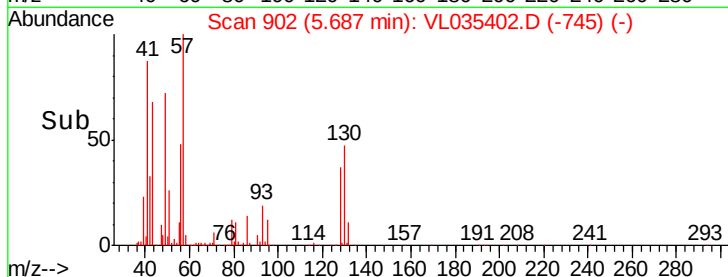
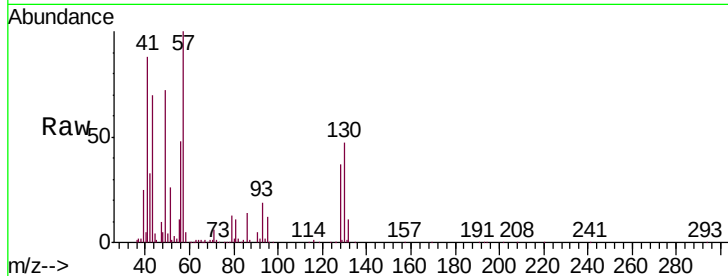
Ion Ratio Lower Upper

43 100

45 0.8 8.0 12.0#

61 0.2 7.4 11.2#

70 1.8 5.9 8.9#



#26

Hexane

Concen: 1.937 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Tgt Ion: 57 Resp: 296638

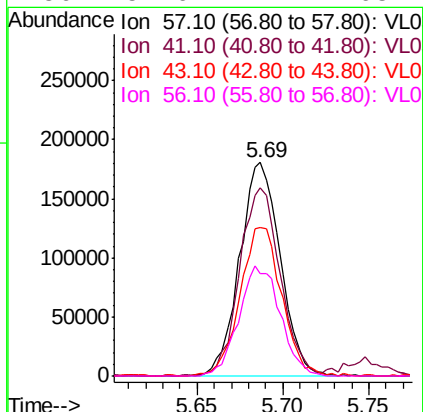
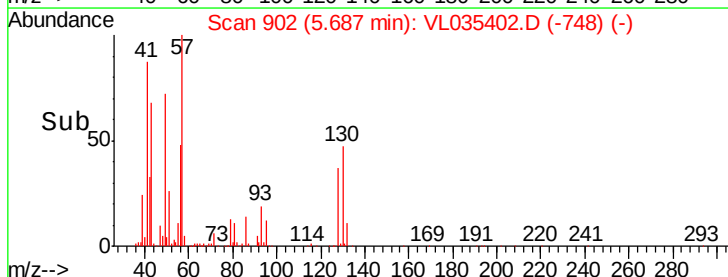
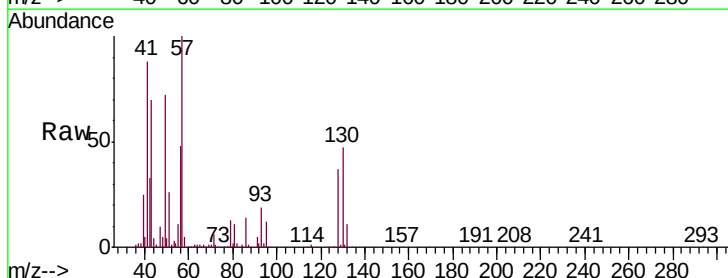
Ion Ratio Lower Upper

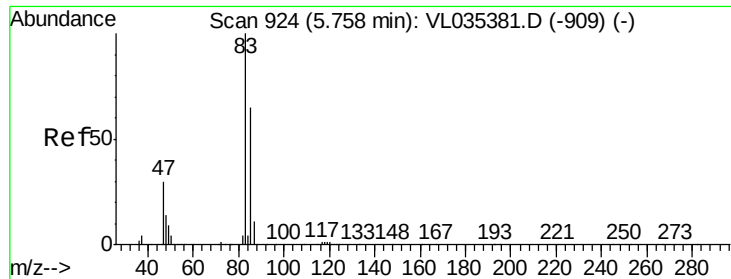
57 100

41 87.2 75.4 113.2

43 71.9 184.1 276.1#

56 52.6 42.2 63.4





#29

Chloroform

Concen: 21.178 ppbv

RT: 5.75 min Scan# 921

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

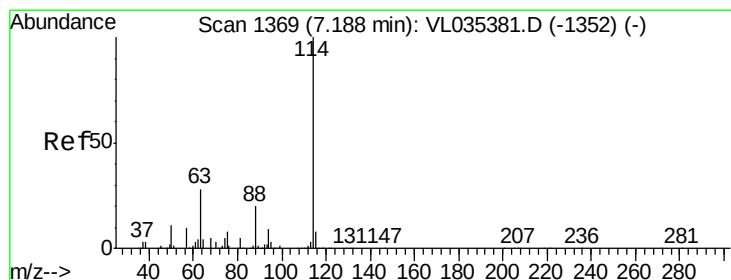
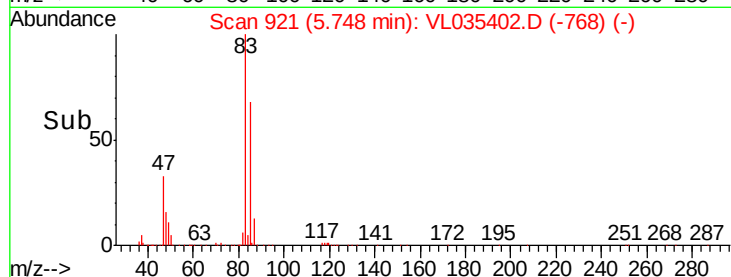
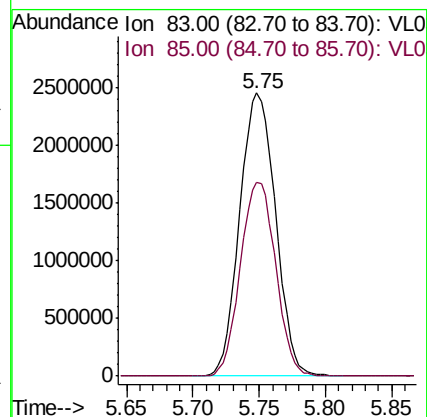
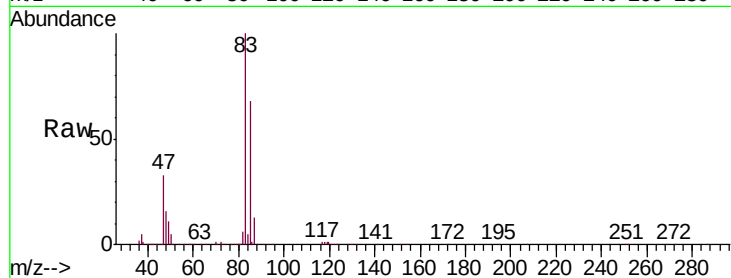
E053-1100

Tgt Ion: 83 Resp: 4628347

Ion Ratio Lower Upper

83 100

85 68.3 51.7 77.5



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

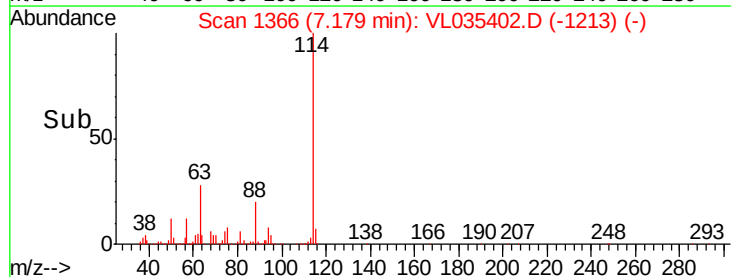
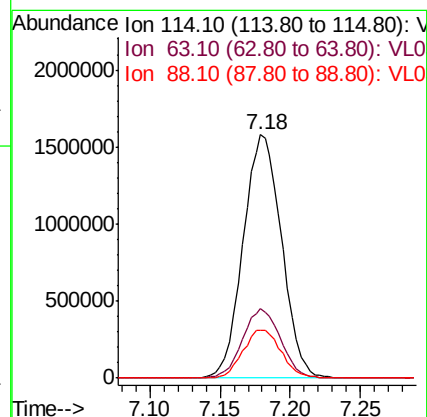
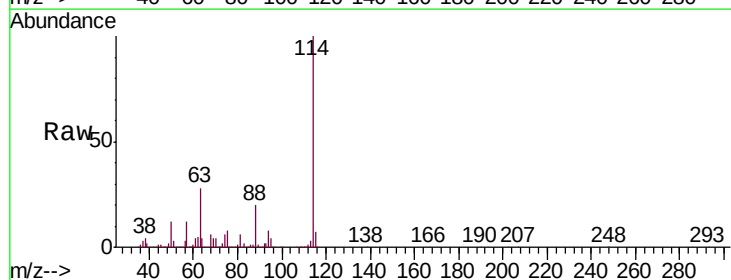
Tgt Ion: 114 Resp: 3006329

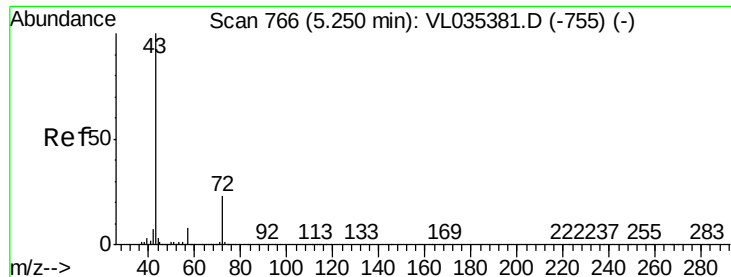
Ion Ratio Lower Upper

114 100

63 28.2 21.5 32.3

88 19.7 15.6 23.4

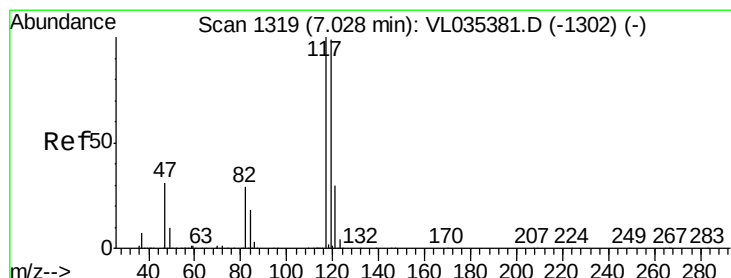
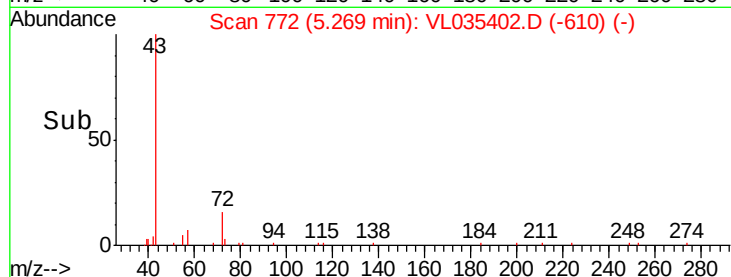
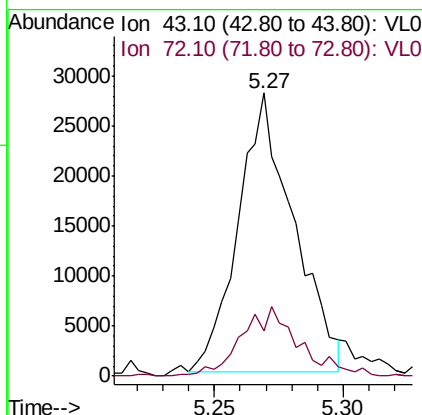
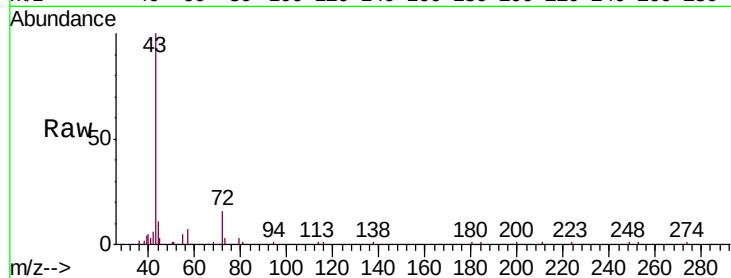




#34
2-Butanone
Concen: 0.195 ppbv
RT: 5.27 min Scan# 772
Delta R.T. 0.02 min
Lab File: VL035402.D
Acq: 13 Aug 2020 15:33

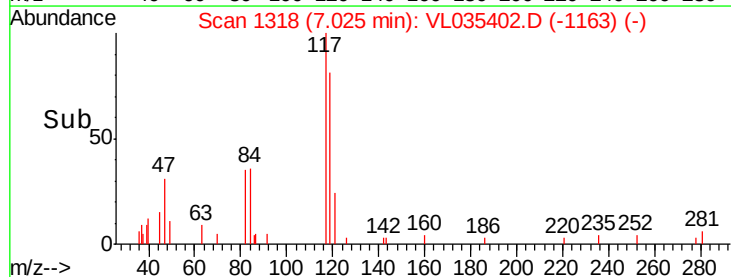
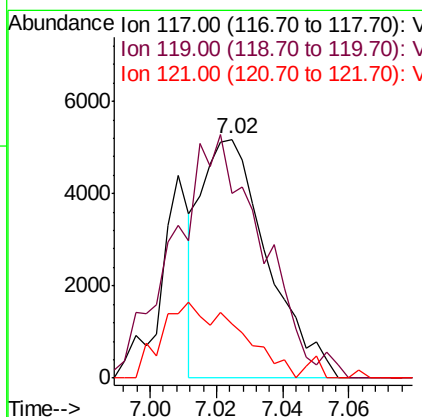
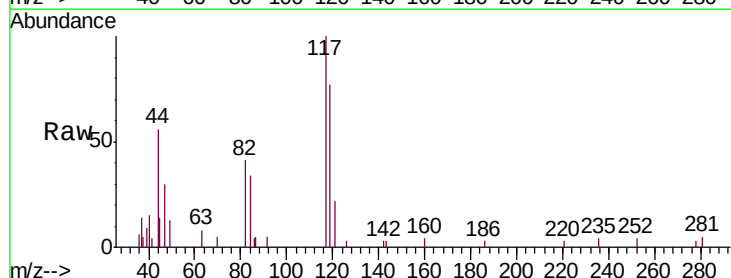
Instrument :
MSVOA_L
ClientSampleId :
E053-1100

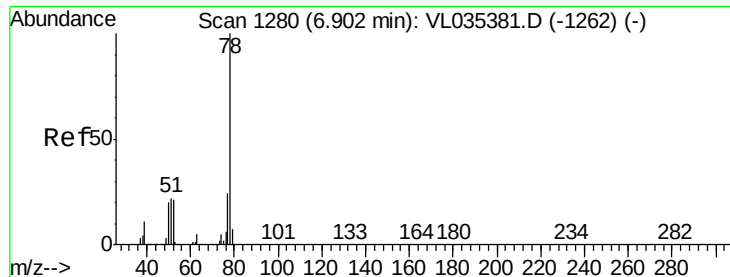
Tgt Ion: 43 Resp: 41686
Ion Ratio Lower Upper
43 100
72 26.0 17.7 26.5



#35
Carbon Tetrachloride
Concen: 0.034 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VL035402.D
Acq: 13 Aug 2020 15:33

Tgt Ion: 117 Resp: 7140
Ion Ratio Lower Upper
117 100
119 71.8 79.4 119.0#
121 22.4 24.3 36.5#





#36

Benzene

Concen: 0.034 ppbv

RT: 6.89 min Scan# 1276

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

E053-1100

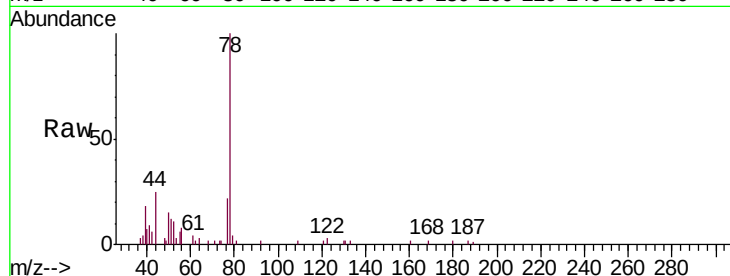
Tgt Ion: 78 Resp: 9919

Ion Ratio Lower Upper

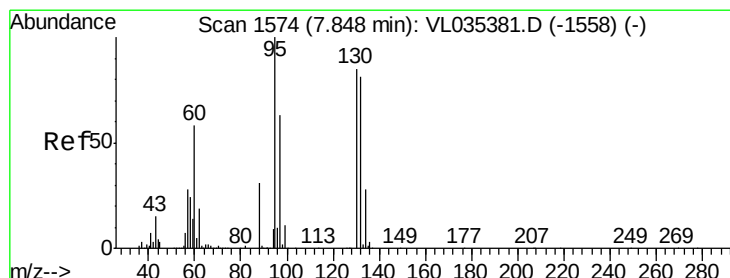
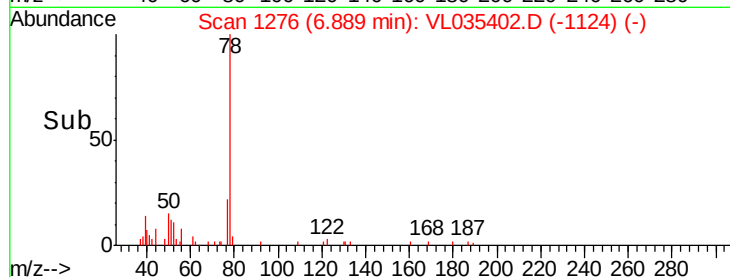
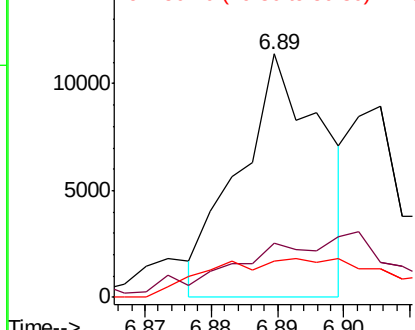
78 100

77 20.3 19.1 28.7

50 7.6 15.8 23.6#



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0



#38

Trichloroethene

Concen: 29.196 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Tgt Ion: 130 Resp: 3298472

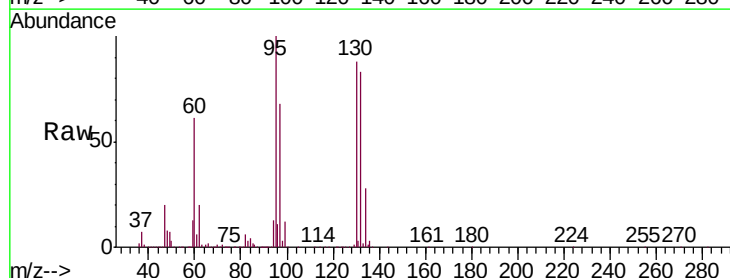
Ion Ratio Lower Upper

130 100

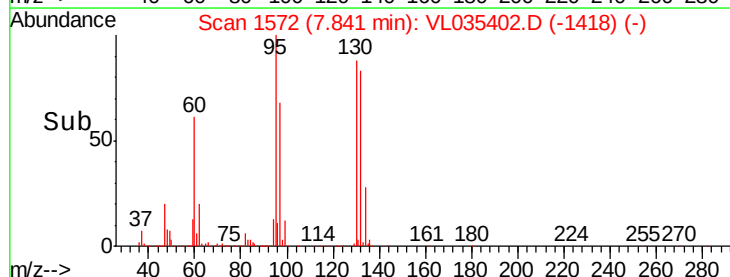
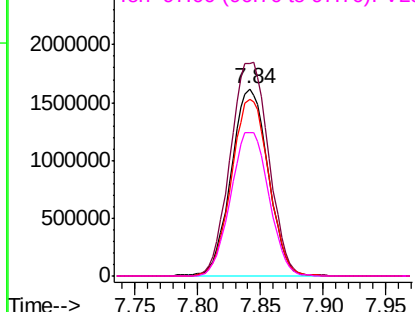
95 113.8 94.2 141.4

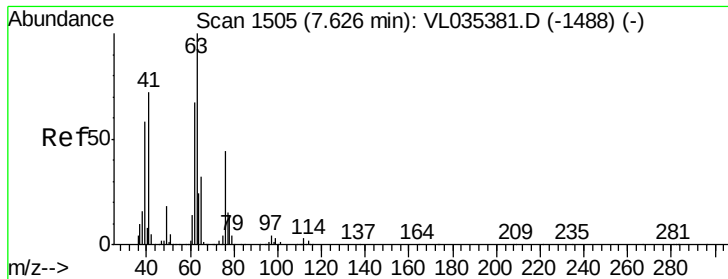
132 94.8 76.6 114.8

97 77.1 59.3 88.9



Abundance Ion 130.00 (129.70 to 130.70): V
Ion 95.00 (94.70 to 95.70): VL0
Ion 132.00 (131.70 to 132.70): V
Ion 97.00 (96.70 to 97.70): VL0





#39

1,2-Dichloropropane

Concen: 7.355 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.45 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

E053-1100

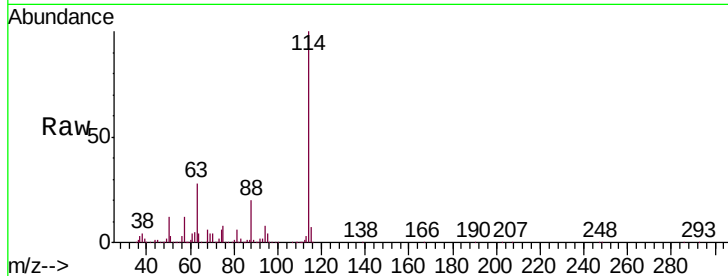
Tgt Ion: 63 Resp: 839596

Ion Ratio Lower Upper

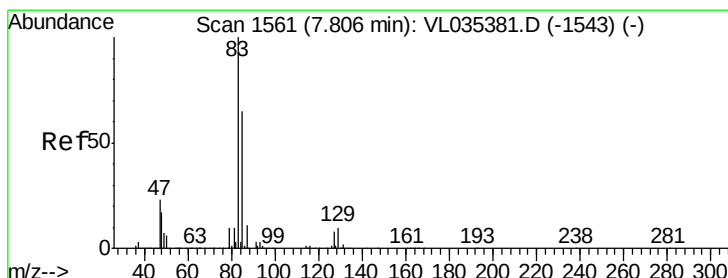
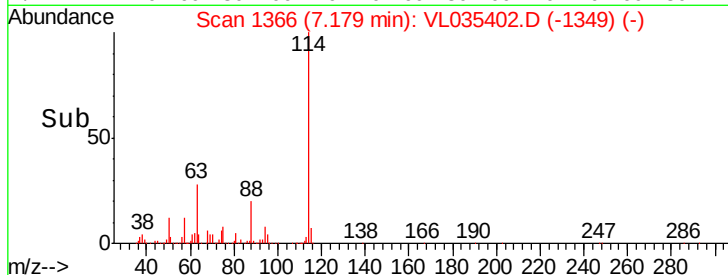
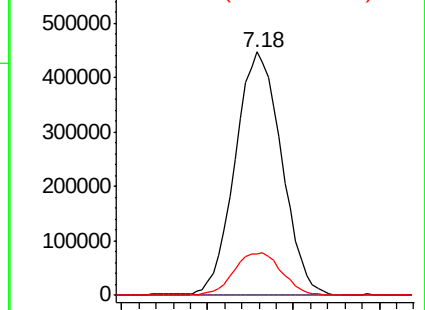
63 100

41 0.1 57.4 86.2#

62 17.0 53.6 80.4#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#42

Bromodichloromethane

Concen: 33.318 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

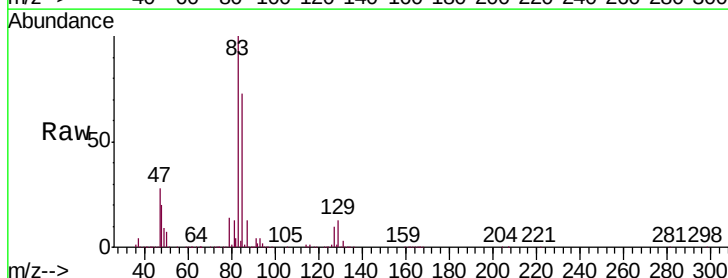
Tgt Ion: 83 Resp: 7510348

Ion Ratio Lower Upper

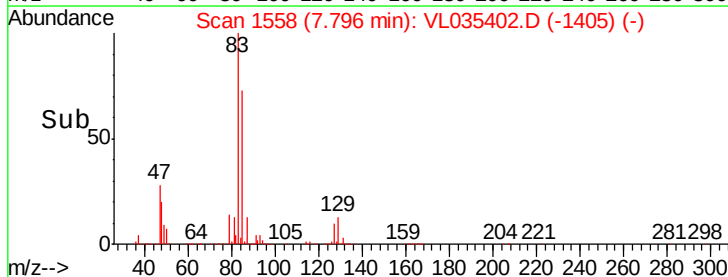
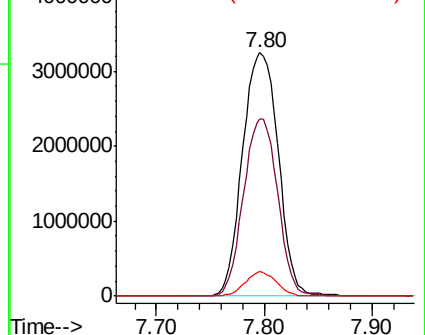
83 100

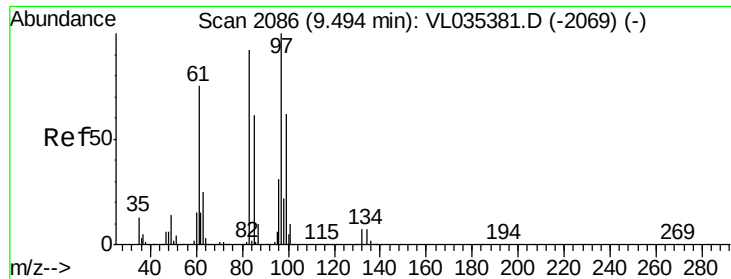
85 73.0 52.2 78.4

127 10.3 6.3 9.5#



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V

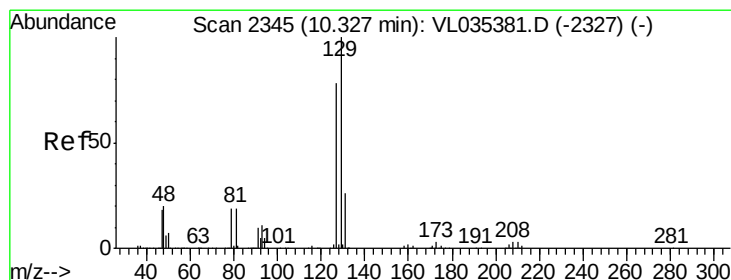
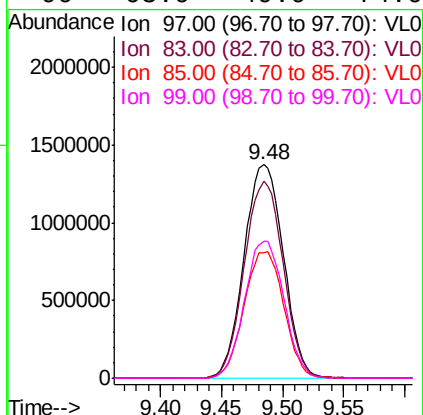
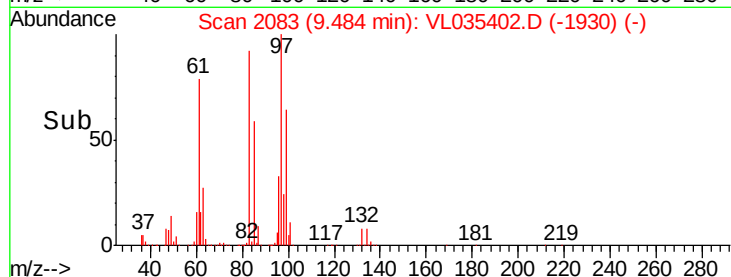
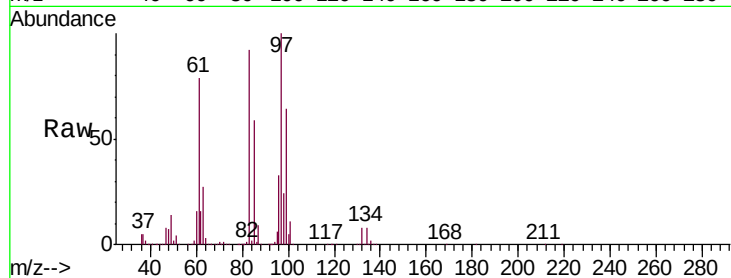




#47
 1,1,2-Trichloroethane
 Concen: 26.460 ppbv
 RT: 9.48 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: VL035402.D
 Acq: 13 Aug 2020 15:33

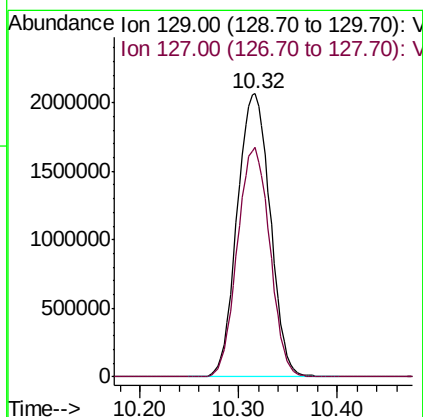
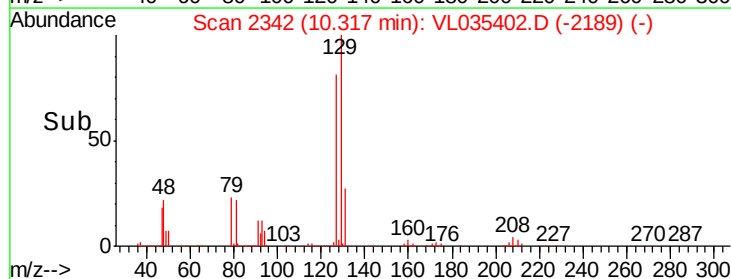
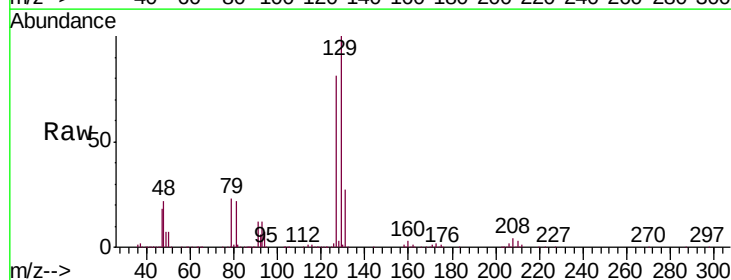
Instrument :
 MSVOA_L
 ClientSampleId :
 E053-1100

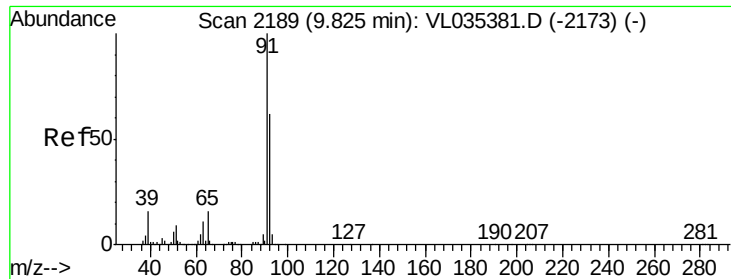
Tgt Ion: 97 Resp: 3063609
 Ion Ratio Lower Upper
 97 100
 83 92.2 73.9 110.9
 85 58.9 49.0 73.6
 99 63.9 49.9 74.9



#48
 Dibromochloromethane
 Concen: 25.889 ppbv
 RT: 10.32 min Scan# 2342
 Delta R.T. -0.01 min
 Lab File: VL035402.D
 Acq: 13 Aug 2020 15:33

Tgt Ion: 129 Resp: 4790924
 Ion Ratio Lower Upper
 129 100
 127 79.8 39.3 117.8





#53

Toluene

Concen: 0.040 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

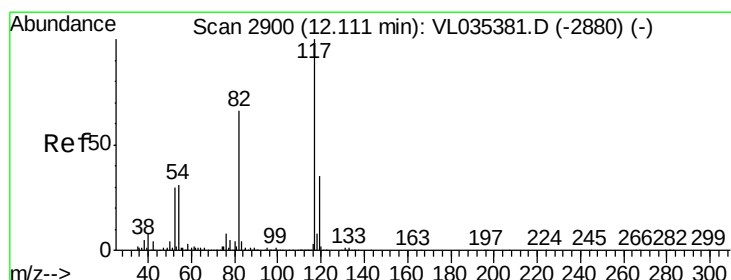
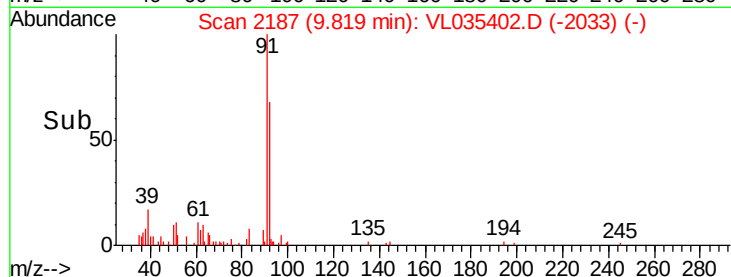
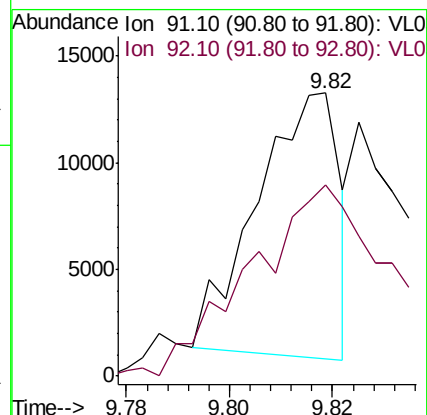
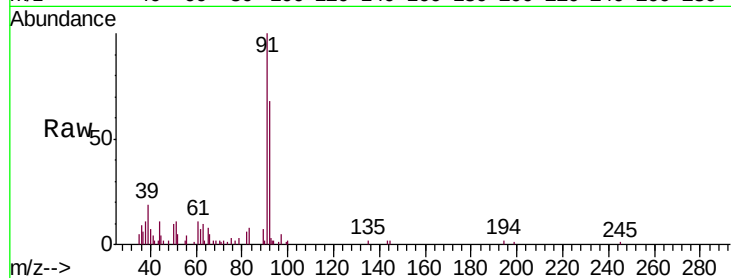
E053-1100

Tgt Ion: 91 Resp: 13754

Ion Ratio Lower Upper

91 100

92 124.3 49.1 73.7#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2896

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

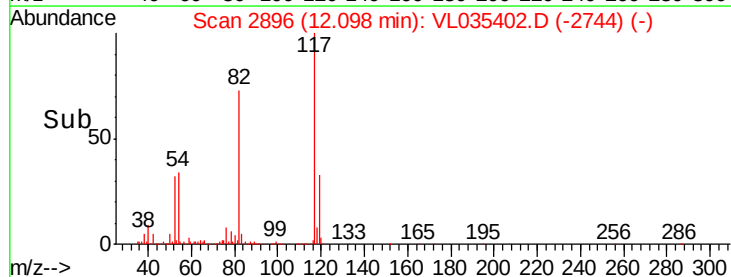
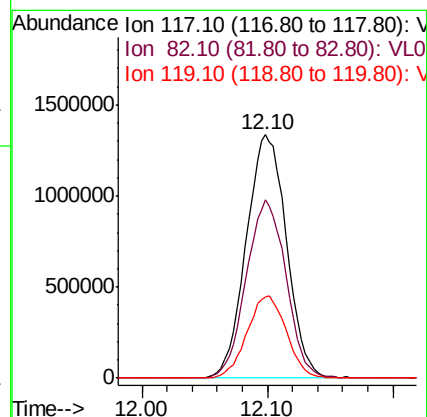
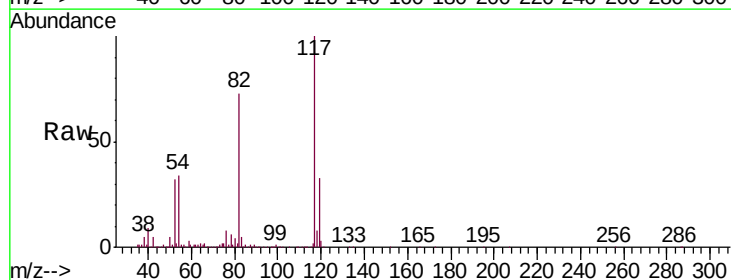
Tgt Ion: 117 Resp: 2976005

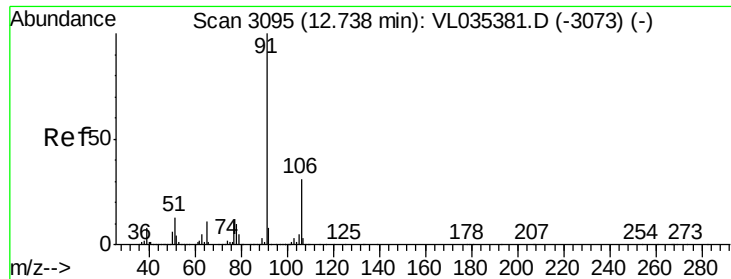
Ion Ratio Lower Upper

117 100

82 72.5 53.0 79.6

119 33.1 25.7 38.5





#58

Ethyl Benzene

Concen: 17.869 ppbv

RT: 12.73 min Scan# 3091

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

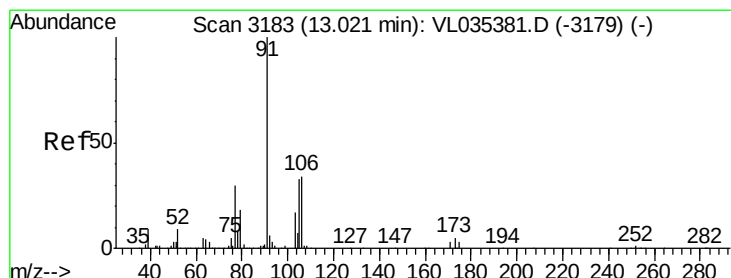
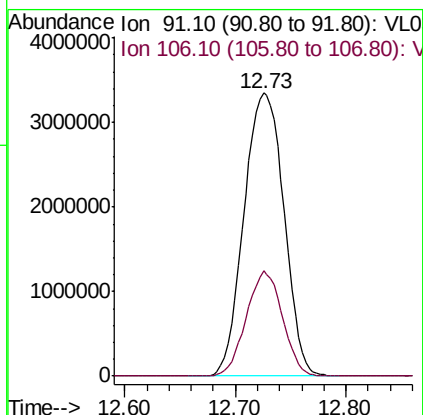
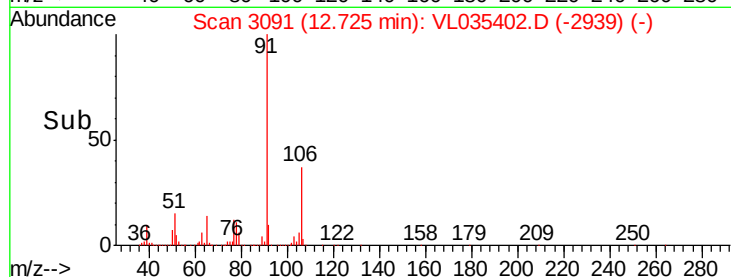
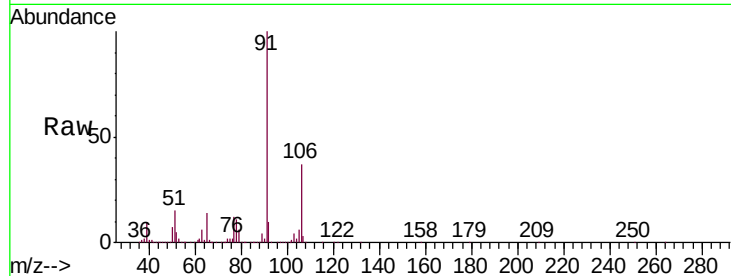
E053-1100

Tgt Ion: 91 Resp: 8404822

Ion Ratio Lower Upper

91 100

106 37.3 25.1 37.7



#59

m/p-Xylene

Concen: 21.428 ppbv

RT: 12.73 min Scan# 3091

Delta R.T. -0.30 min

Lab File: VL035402.D

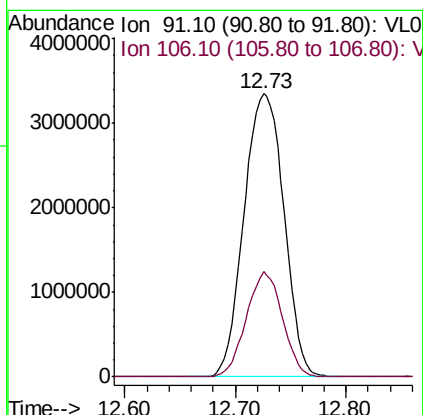
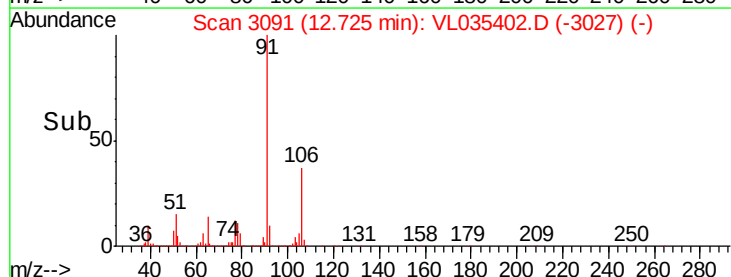
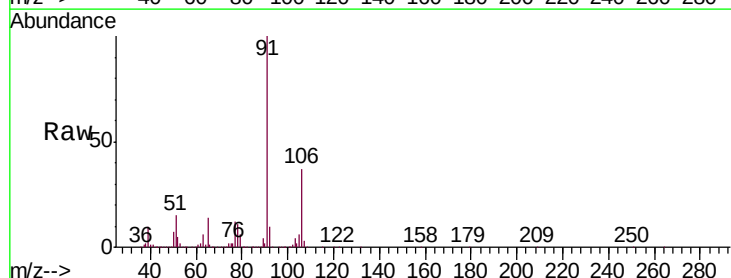
Acq: 13 Aug 2020 15:33

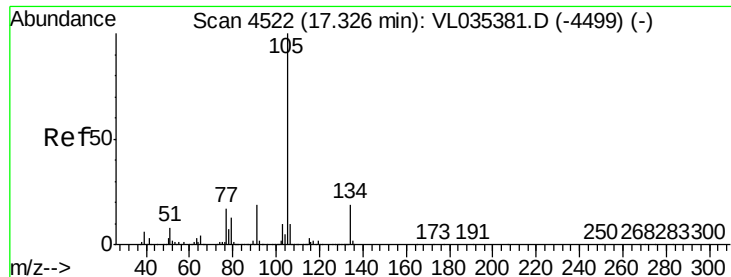
Tgt Ion: 91 Resp: 8404822

Ion Ratio Lower Upper

91 100

106 33.7 36.7 55.1#





#67

sec-Butylbenzene

Concen: 0.048 ppbv

RT: 17.32 min Scan# 4519

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

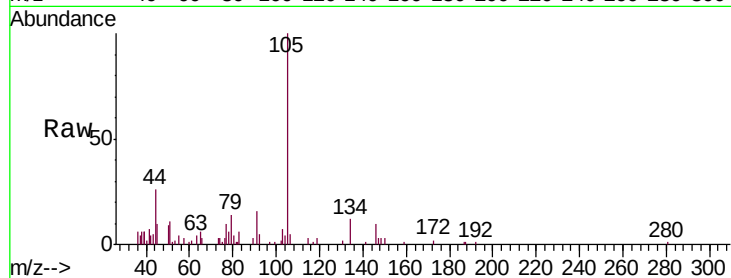
E053-1100

Tgt Ion: 105 Resp: 34347

Ion Ratio Lower Upper

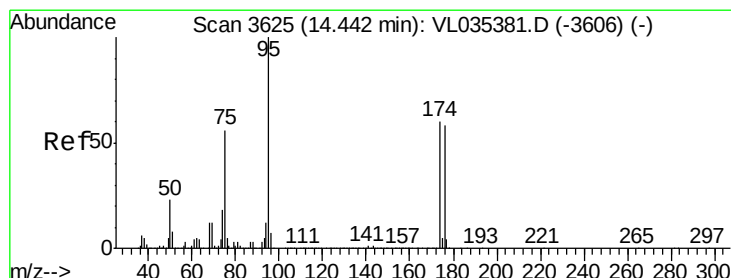
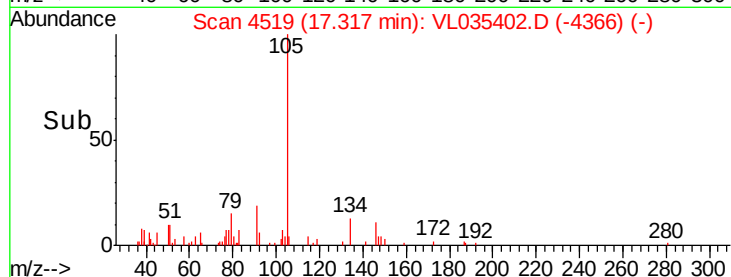
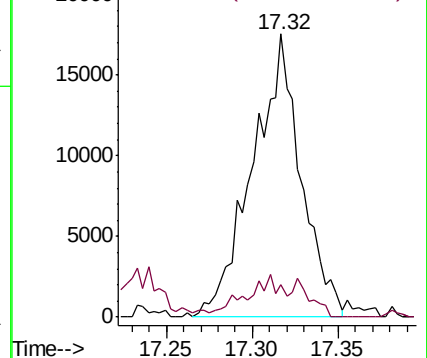
105 100

134 16.0 15.0 22.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 11.879 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

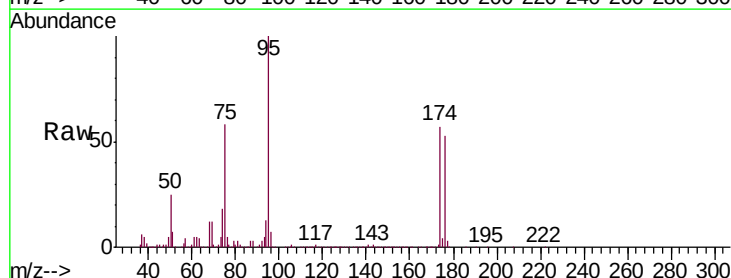
Tgt Ion: 95 Resp: 2854488

Ion Ratio Lower Upper

95 100

174 55.6 48.2 72.2

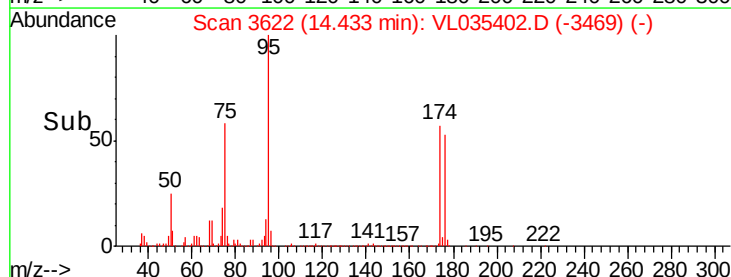
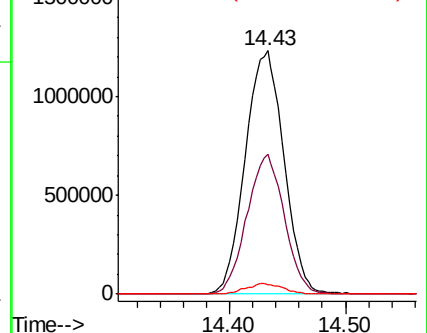
175 4.2 3.7 5.5

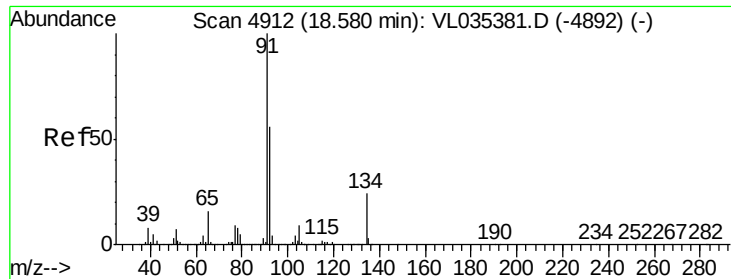


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

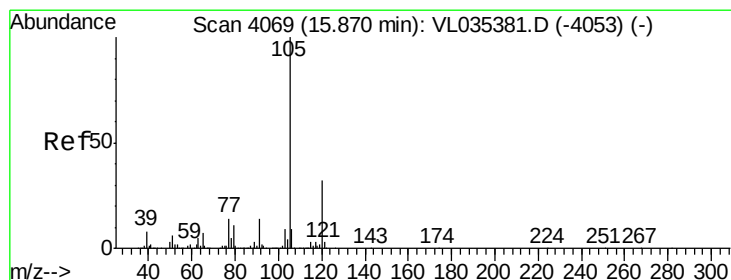
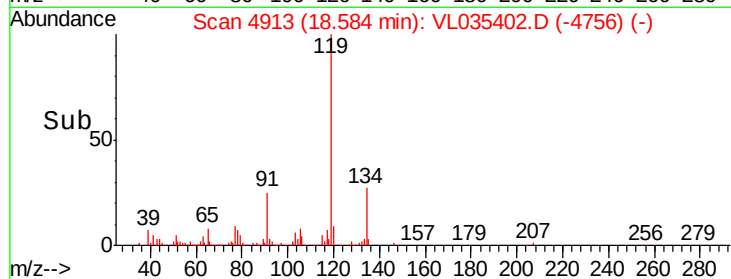
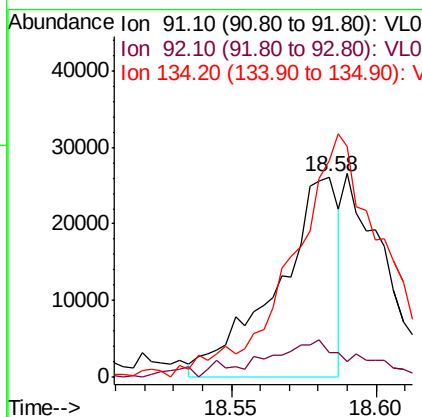
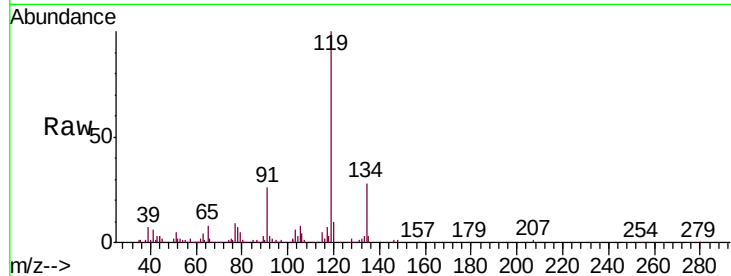




#70
n-Butylbenzene
Concen: 0.057 ppbv
RT: 18.58 min Scan# 4913
Delta R.T. 0.00 min
Lab File: VL035402.D
Acq: 13 Aug 2020 15:33

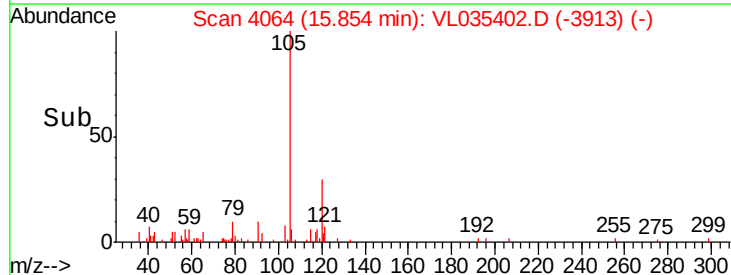
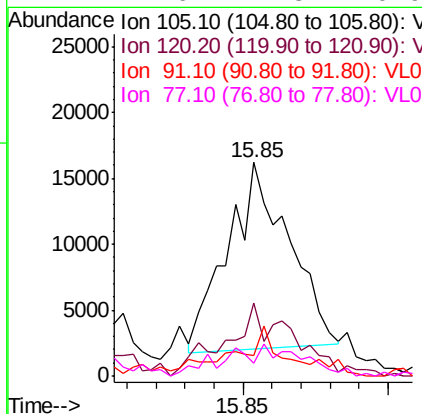
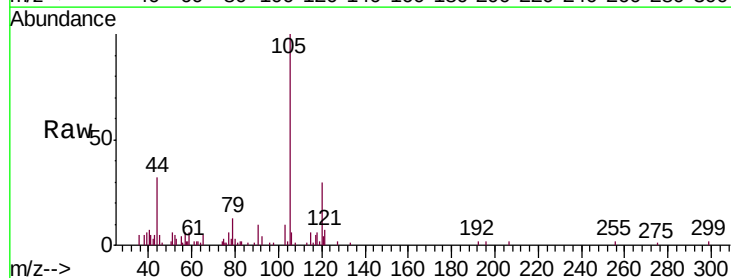
Instrument :
MSVOA_L
ClientSampleId :
E053-1100

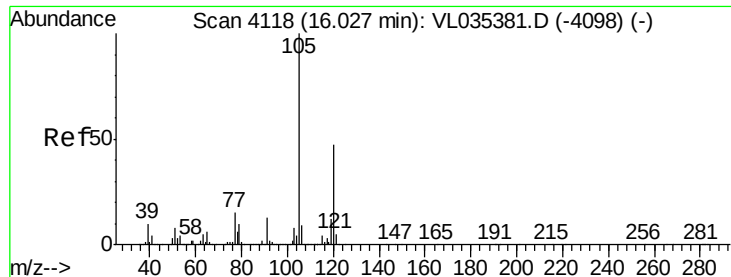
Tgt Ion: 91 Resp: 38353
Ion Ratio Lower Upper
91 100
92 31.9 45.0 67.6#
134 0.0 18.8 28.2#



#72
4-Ethyltoluene
Concen: 0.045 ppbv
RT: 15.85 min Scan# 4064
Delta R.T. -0.02 min
Lab File: VL035402.D
Acq: 13 Aug 2020 15:33

Tgt Ion: 105 Resp: 20779
Ion Ratio Lower Upper
105 100
120 42.9 24.0 36.0#
91 24.8 10.4 15.6#
77 21.6 11.3 16.9#





#73

1,3,5-Trimethylbenzene

Concen: 0.373 ppbv

RT: 16.01 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Instrument :

MSVOA_L

ClientSampleId :

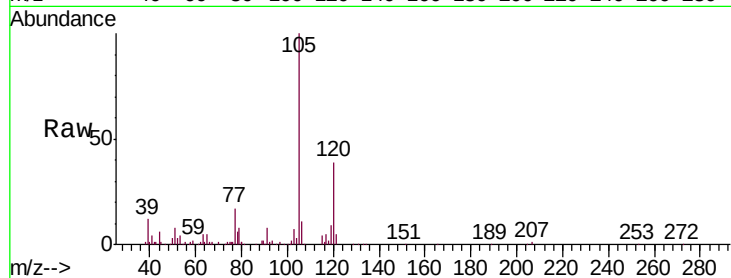
E053-1100

Tgt Ion:105 Resp: 162154

Ion Ratio Lower Upper

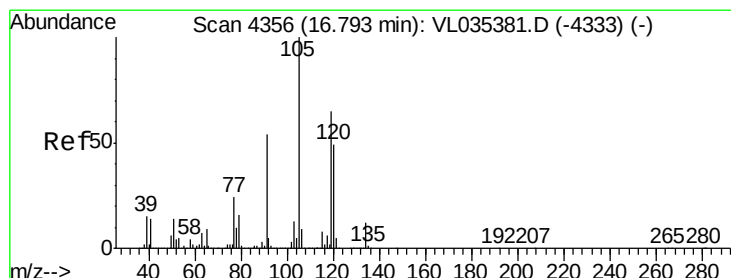
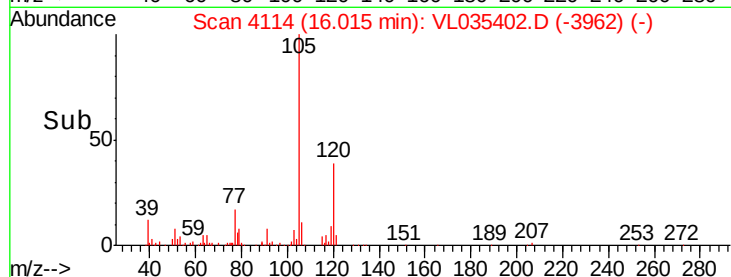
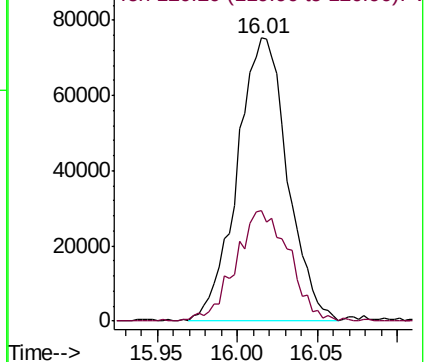
105 100

120 39.0 37.4 56.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.639 ppbv

RT: 16.78 min Scan# 4353

Delta R.T. -0.01 min

Lab File: VL035402.D

Acq: 13 Aug 2020 15:33

Tgt Ion:105 Resp: 292047

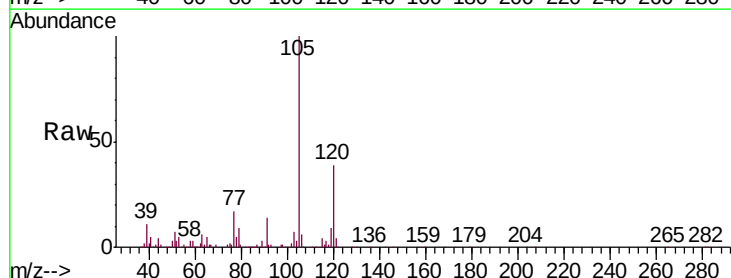
Ion Ratio Lower Upper

105 100

120 39.1 39.1 58.7#

91 13.8 43.7 65.5#

77 16.5 19.0 28.6#

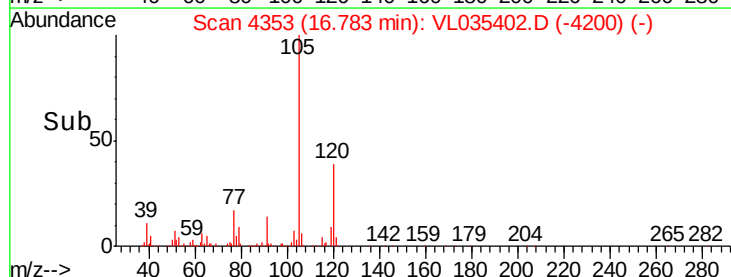
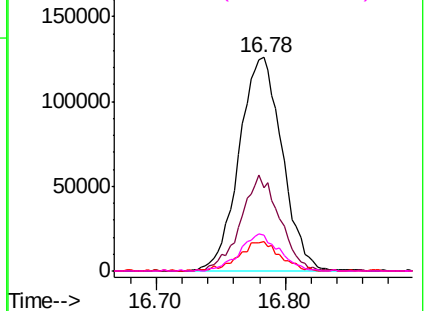


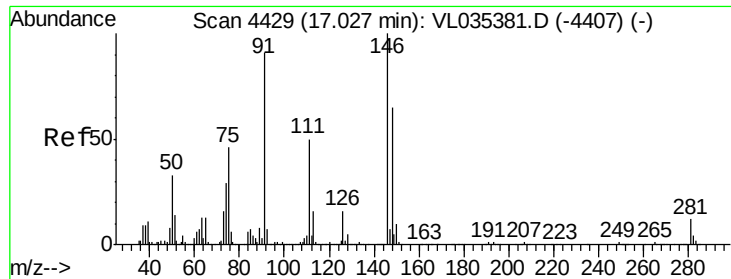
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

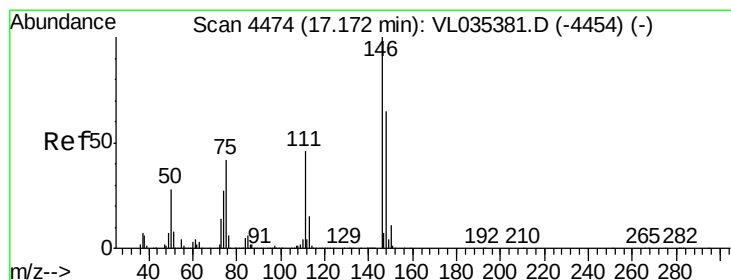
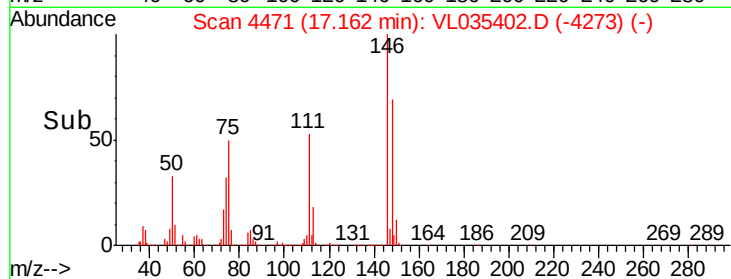
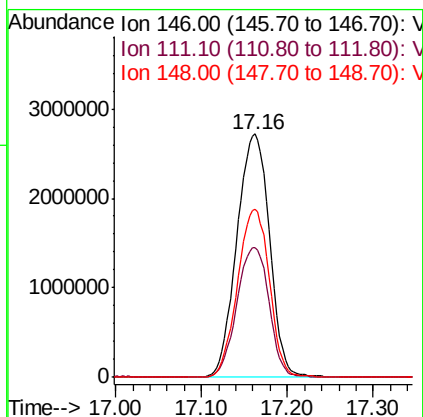
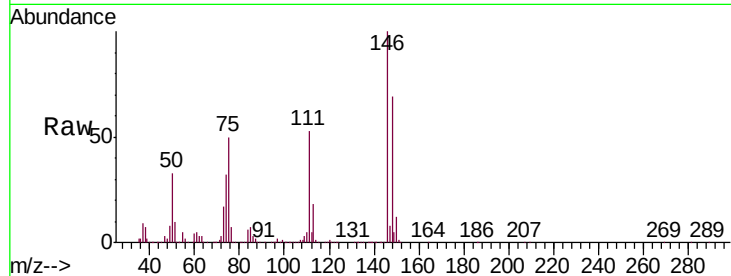




#75
 1,3-Dichlorobenzene
 Concen: 28.825 ppbv
 RT: 17.16 min Scan# 4471
 Delta R.T. 0.14 min
 Lab File: VL035402.D
 Acq: 13 Aug 2020 15:33

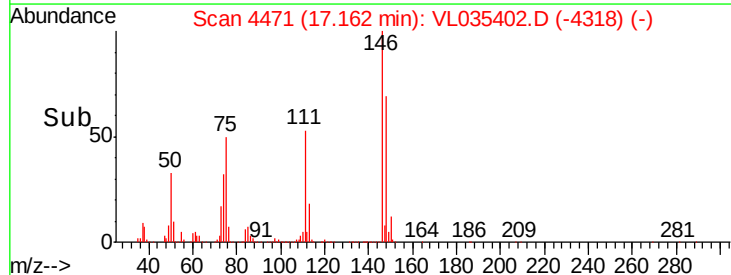
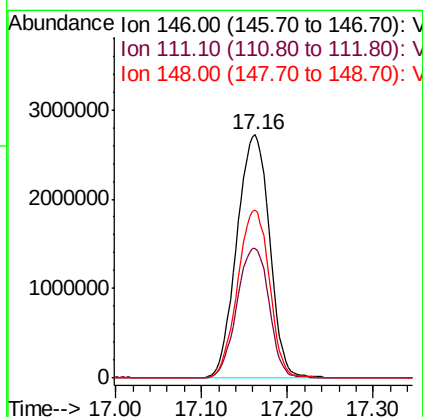
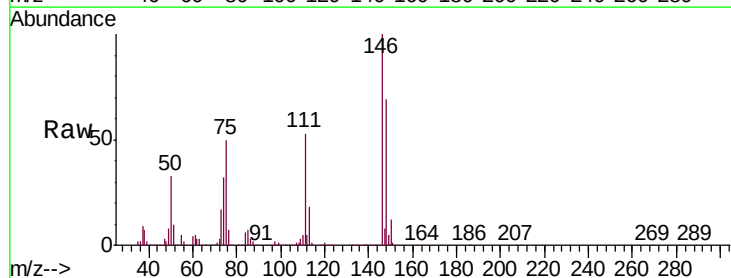
Instrument :
 MSVOA_L
 ClientSampleId :
 E053-1100

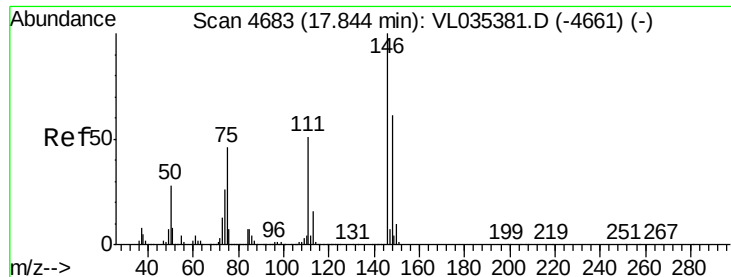
Tgt Ion:146 Resp: 7191672
 Ion Ratio Lower Upper
 146 100
 111 52.6 25.0 75.0
 148 67.4 32.6 97.7



#76
 1,4-Dichlorobenzene
 Concen: 28.063 ppbv
 RT: 17.16 min Scan# 4471
 Delta R.T. -0.01 min
 Lab File: VL035402.D
 Acq: 13 Aug 2020 15:33

Tgt Ion:146 Resp: 7191672
 Ion Ratio Lower Upper
 146 100
 111 52.6 24.0 72.0
 148 67.4 32.5 97.5

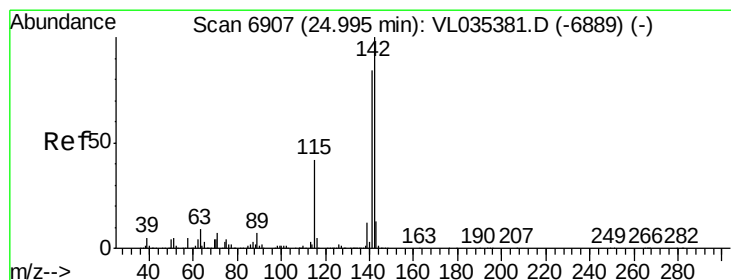
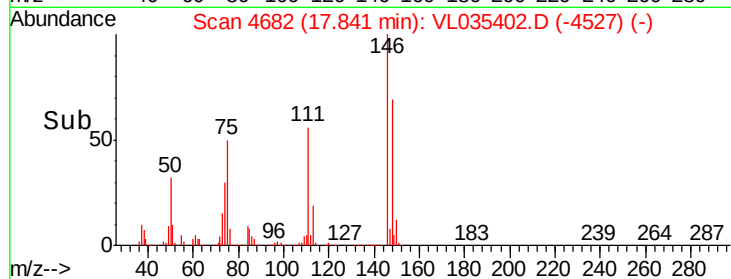
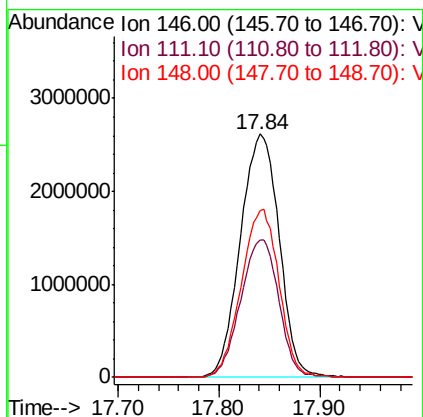
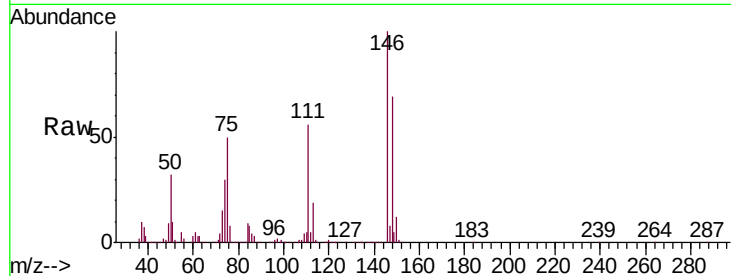




#77
 1,2-Dichlorobenzene
 Concen: 27.782 ppbv
 RT: 17.84 min Scan# 4682
 Delta R.T. -0.00 min
 Lab File: VL035402.D
 Acq: 13 Aug 2020 15:33

Instrument :
 MSVOA_L
 ClientSampleId :
 E053-1100

Tgt Ion:146 Resp: 6988314
 Ion Ratio Lower Upper
 146 100
 111 55.7 25.9 77.8
 148 67.1 32.1 96.3



#80
 Naphthalene, 2-methyl-
 Concen: 0.094 ppbv
 RT: 24.99 min Scan# 6907
 Delta R.T. 0.00 min
 Lab File: VL035402.D
 Acq: 13 Aug 2020 15:33

Tgt Ion:142 Resp: 25047
 Ion Ratio Lower Upper
 142 100
 141 85.0 67.7 101.5
 115 50.0 34.0 51.0

