

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052220\
 Data File : VL035088.D
 Acq On : 22 May 2020 17:24
 Operator : SY/AP
 Sample : L2739-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3

Quant Time: May 24 00:35:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1053975	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2461892	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2349144	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2015679	10.60	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

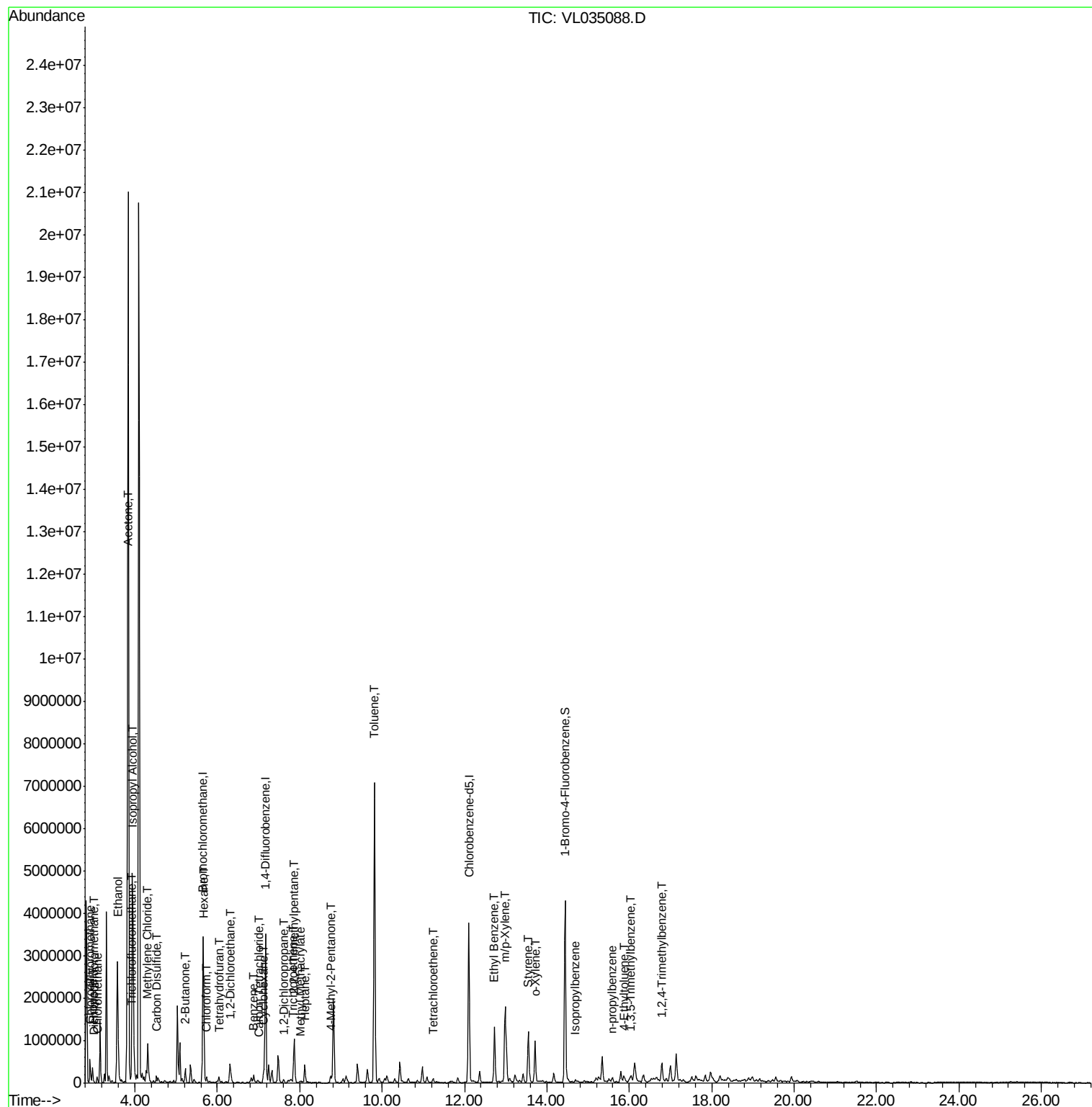
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	32426	0.217	ppbv	96
3) Chlorodifluoromethane	2.93	51	30371m	0.252	ppbv	
4) Chloromethane	3.09	50	75384	1.093	ppbv	92
9) Propene	2.97	41	76272	1.461	ppbv	84
10) Heptane	8.12	43	150733	1.152	ppbv	97
11) Trichlorofluoromethane	3.91	101	41408	0.268	ppbv #	78
13) Ethanol	3.57	45	3727570	216.334	ppbv	99
15) Acetone	3.81	43	1224393m	8.787	ppbv	
19) Isopropyl Alcohol	3.94	45	6398943	68.862	ppbv #	99
20) Methylene Chloride	4.31	84	282358	6.121	ppbv	90
26) Hexane	5.67	57	529195	5.215	ppbv	97
27) Carbon Disulfide	4.52	76	159686	1.335	ppbv	96
29) Chloroform	5.74	83	71524	0.431	ppbv	87
30) Cyclohexane	7.13	84	84622	1.081	ppbv #	92
34) 2-Butanone	5.22	43	349498	2.284	ppbv	98
35) Carbon Tetrachloride	7.02	117	11220m	0.072	ppbv	
36) Benzene	6.88	78	149843	0.738	ppbv #	89
37) 1,2-Dichloroethane	6.29	62	70538m	0.563	ppbv	
38) Trichloroethene	7.84	130	2371m	0.030	ppbv	
39) 1,2-Dichloropropane	7.61	63	19973m	0.245	ppbv	
41) Tetrahydrofuran	6.04	42	40180	0.499	ppbv #	74
43) Methyl Methacrylate	8.02	69	15869m	0.185	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	920661	2.551	ppbv	94
50) 4-Methyl-2-Pentanone	8.75	43	124599m	0.571	ppbv	
52) Tetrachloroethene	11.24	164	22308m	0.309	ppbv	
53) Toluene	9.82	91	5412239	25.154	ppbv	98
58) Ethyl Benzene	12.73	91	1150336	3.960	ppbv	95
59) m/p-Xylene	12.99	91	1842738	7.210	ppbv #	59
60) o-Xylene	13.71	91	731684	2.901	ppbv	99
61) Styrene	13.55	104	682932	4.279	ppbv	98
62) Isopropylbenzene	14.69	105	39409	0.105	ppbv	95
64) n-propylbenzene	15.58	120	17483m	0.181	ppbv	
72) 4-Ethyltoluene	15.87	105	84393m	0.300	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	70186m	0.256	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	279911	0.936	ppbv #	73

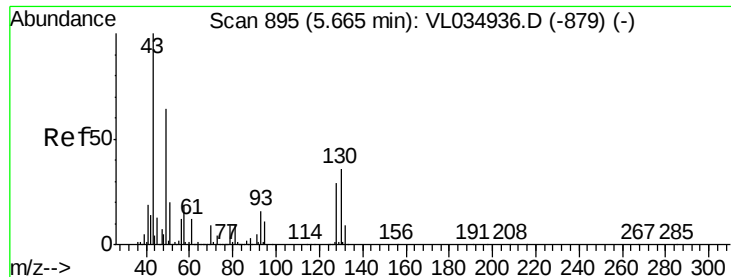
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035088.D

Acq: 22 May 2020 17:24

Instrument :

MSVOA_L

ClientSampleId :

IA-3

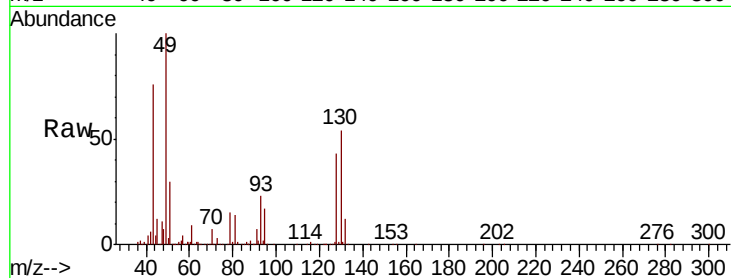
Tot Ion: 49 Resp: 1053975

Ion Ratio Lower Upper

49 100

128 45.1 22.1 66.5

130 58.8 29.1 87.3



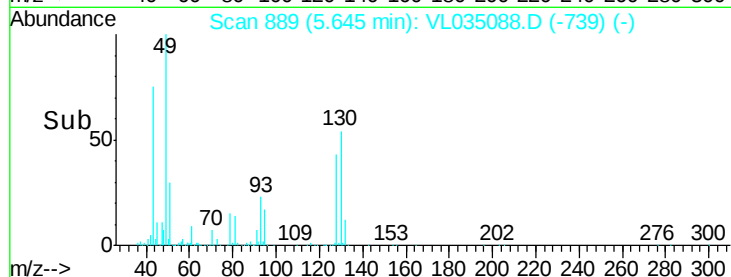
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

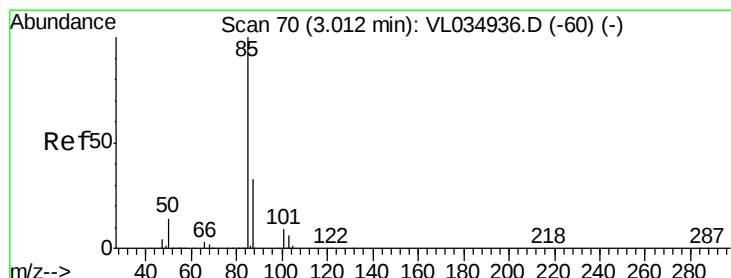
Ion 130.00 (129.70 to 130.70): VL0

5.65

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 0.217 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL035088.D

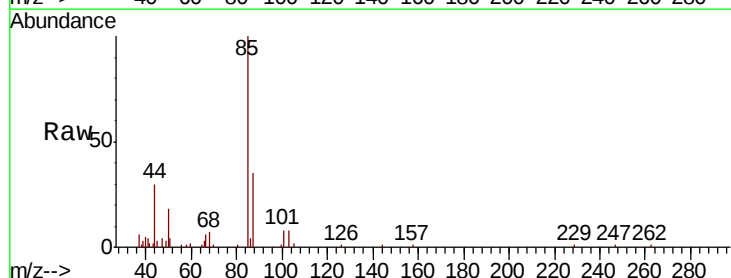
Acq: 22 May 2020 17:24

Tgt Ion: 85 Resp: 32426

Ion Ratio Lower Upper

85 100

87 34.9 26.2 39.2

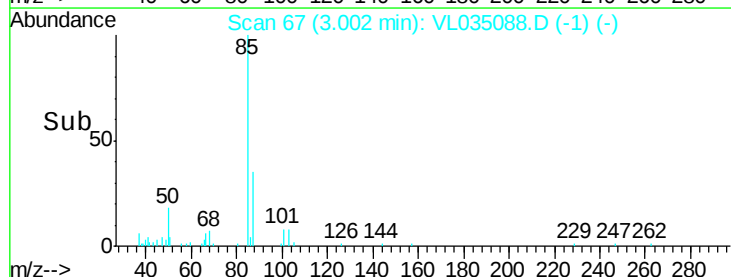


Abundance Ion 85.00 (84.70 to 85.70): VL0

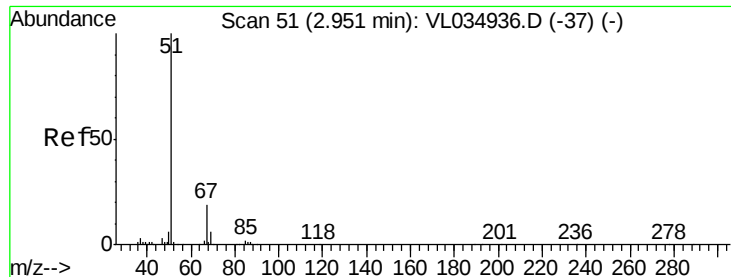
Ion 87.00 (86.70 to 87.70): VL0

3.00

Time-->



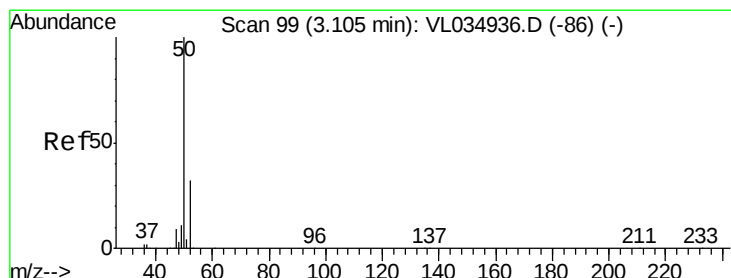
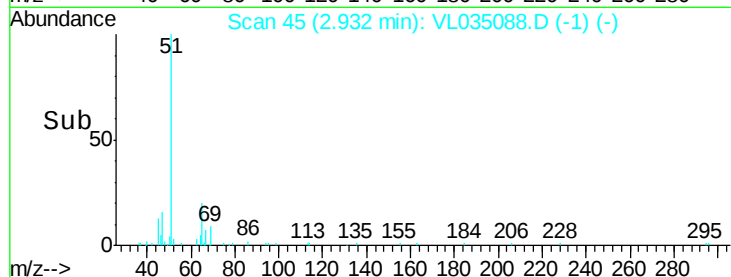
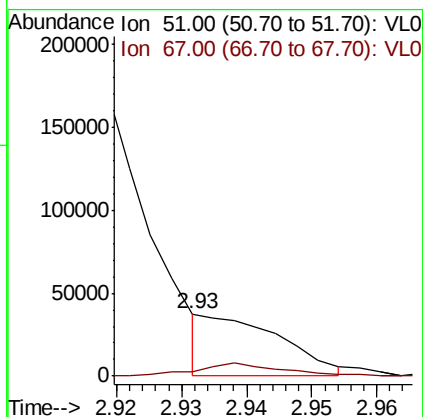
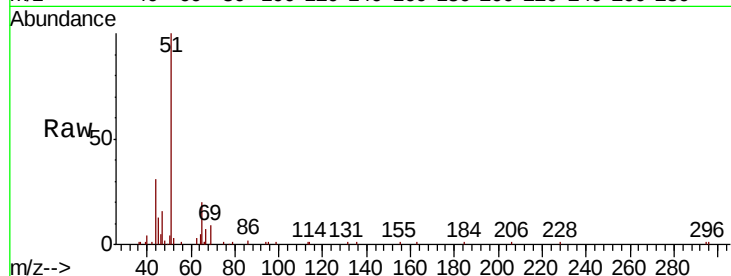
Time-->



#3
Chlorodifluoromethane
Concen: 0.252 ppbv
RT: 2.93 min Scan# 45
Delta R.T. -0.02 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

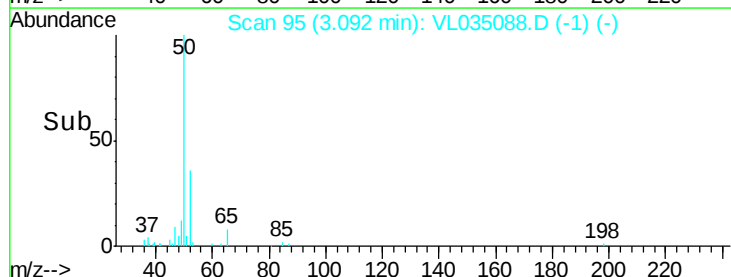
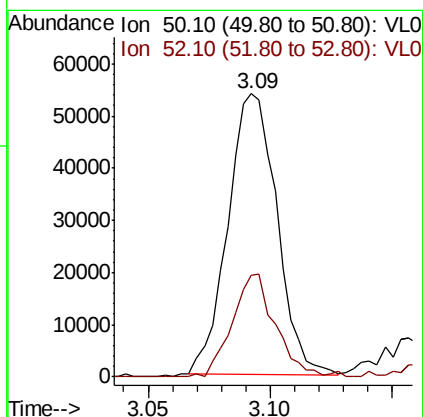
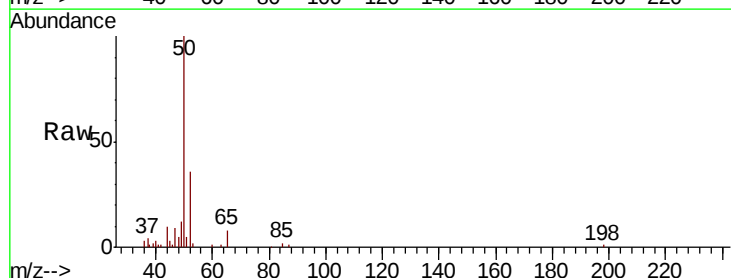
Instrument :
MSVOA_L
ClientSampleId :
IA-3

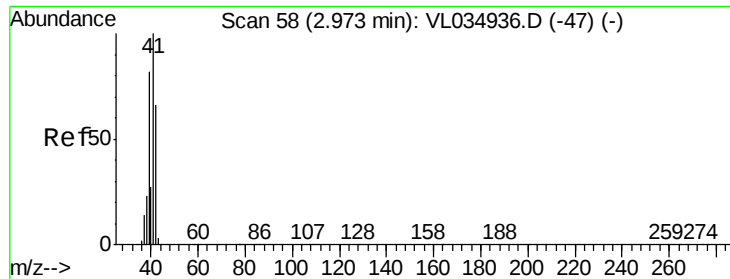
Tot Ion: 51 Resp: 30371
Ion Ratio Lower Upper
51 100
67 26.3 15.0 22.6#



#4
Chloromethane
Concen: 1.093 ppbv
RT: 3.09 min Scan# 95
Delta R.T. -0.01 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

Tgt Ion: 50 Resp: 75384
Ion Ratio Lower Upper
50 100
52 36.3 25.4 38.2





#9

Propene

Concen: 1.461 ppbv

RT: 2.97 min Scan# 58

Delta R.T. 0.00 min

Lab File: VL035088.D

Acq: 22 May 2020 17:24

Instrument :

MSVOA_L

ClientSampleId :

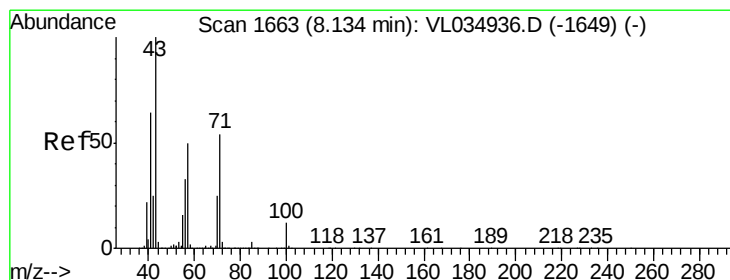
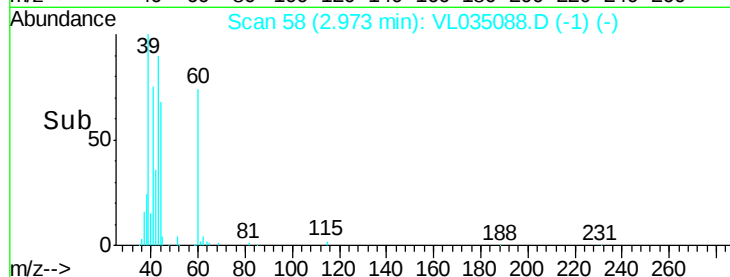
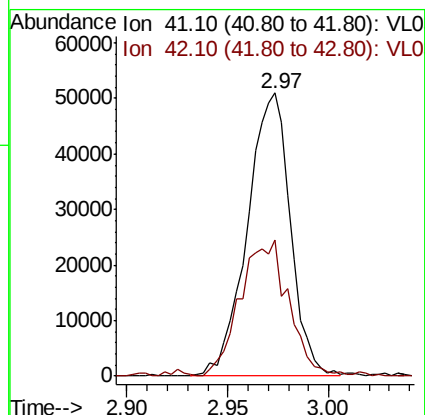
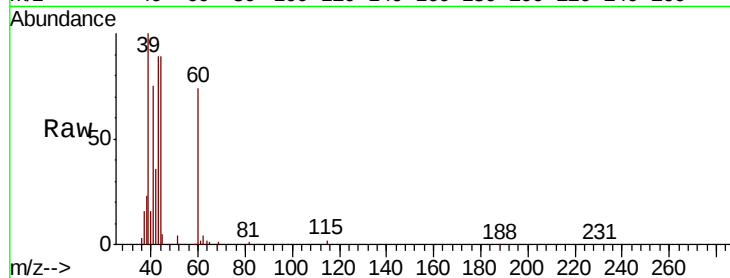
IA-3

Tot Ion: 41 Resp: 76272

Ion Ratio Lower Upper

41 100

42 55.5 54.5 81.7



#10

Heptane

Concen: 1.152 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL035088.D

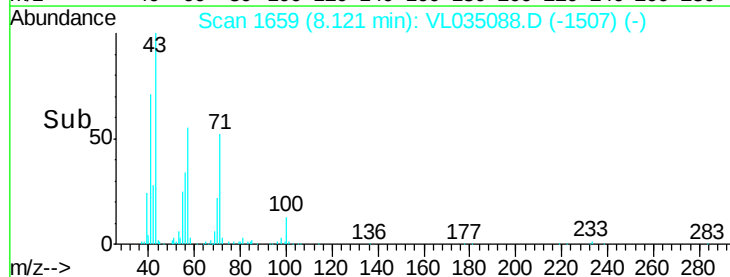
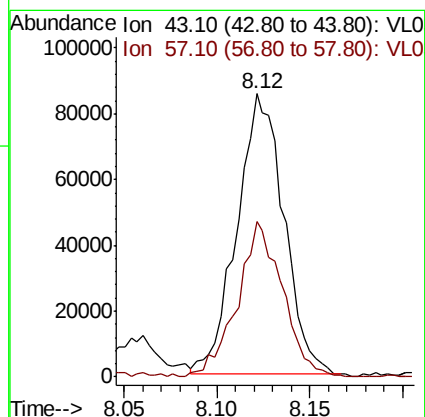
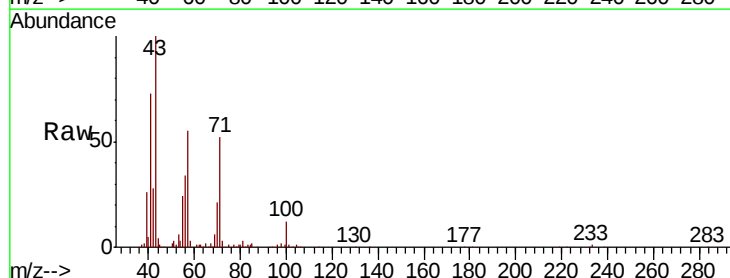
Acq: 22 May 2020 17:24

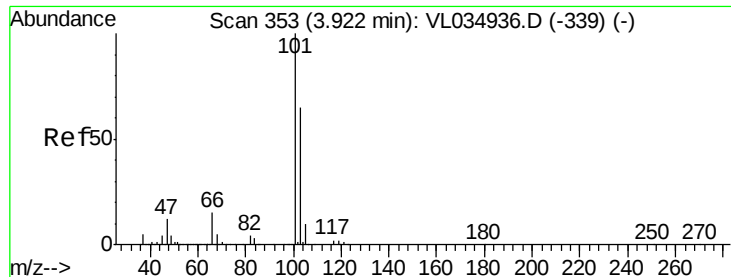
Tgt Ion: 43 Resp: 150733

Ion Ratio Lower Upper

43 100

57 53.4 41.1 61.7

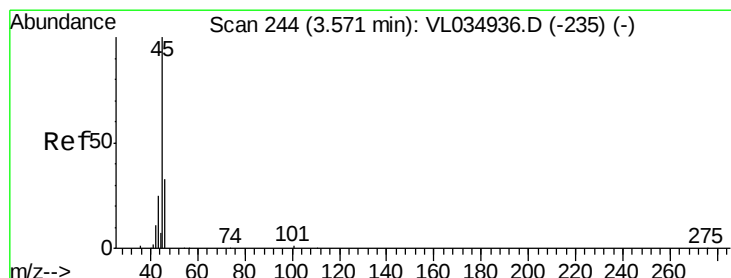
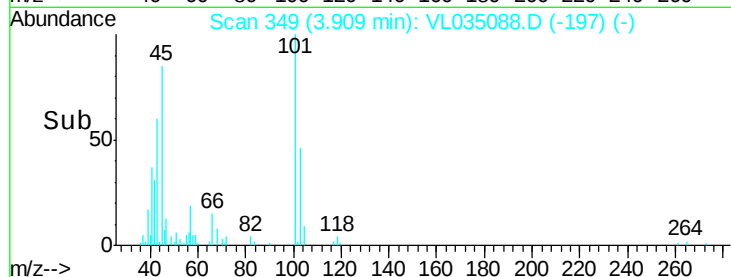
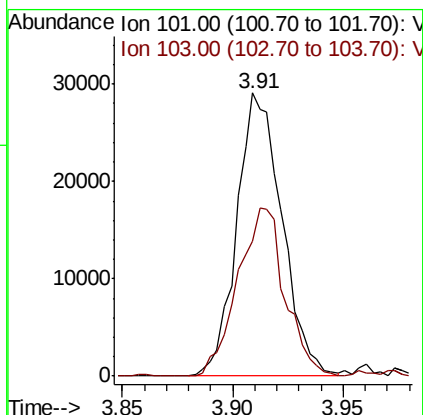
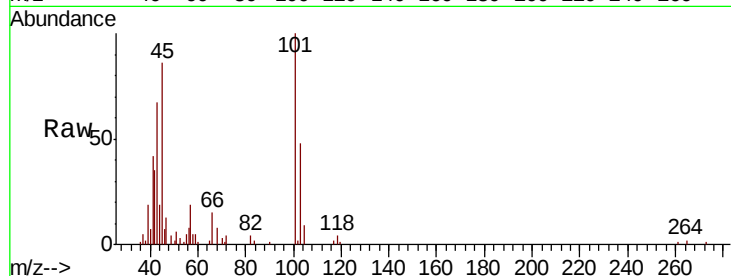




#11
 Trichlorofluoromethane
 Concen: 0.268 ppbv
 RT: 3.91 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VL035088.D
 Acq: 22 May 2020 17:24

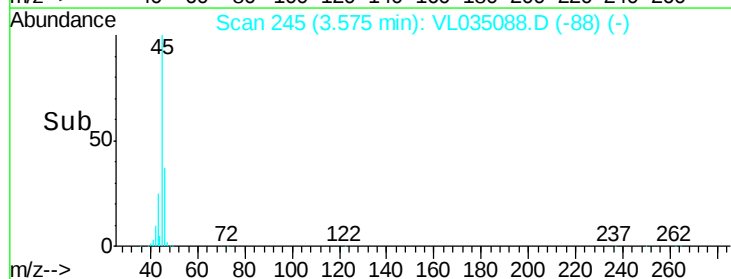
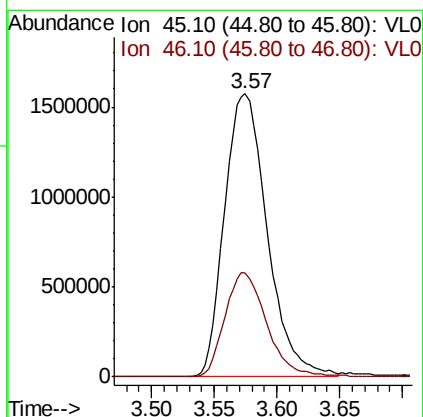
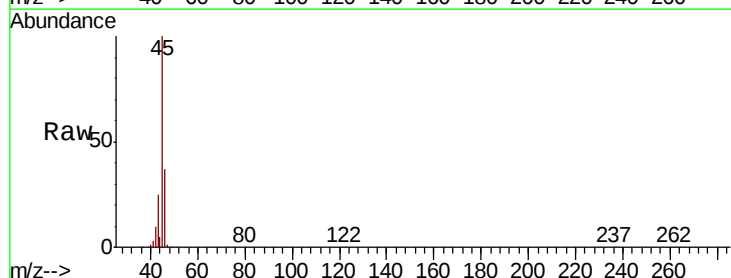
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3

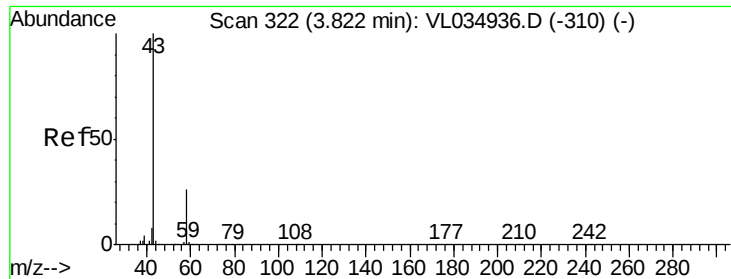
Tot Ion:101 Resp: 41408
 Ion Ratio Lower Upper
 101 100
 103 47.9 51.9 77.9#



#13
 Ethanol
 Concen: 216.334 ppbv
 RT: 3.57 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VL035088.D
 Acq: 22 May 2020 17:24

Tgt Ion: 45 Resp: 3727570
 Ion Ratio Lower Upper
 45 100
 46 36.5 14.3 57.3





#15

Acetone

Concen: 8.787 ppbv m

RT: 3.81 min Scan# 319

Delta R.T. -0.01 min

Lab File: VL035088.D

Acq: 22 May 2020 17:24

Instrument :

MSVOA_L

ClientSampleId :

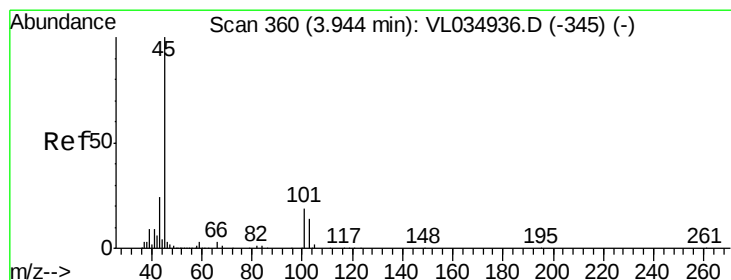
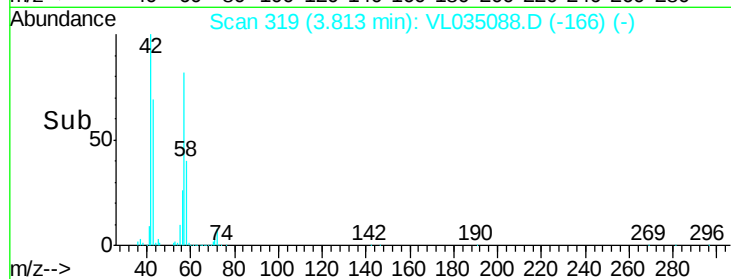
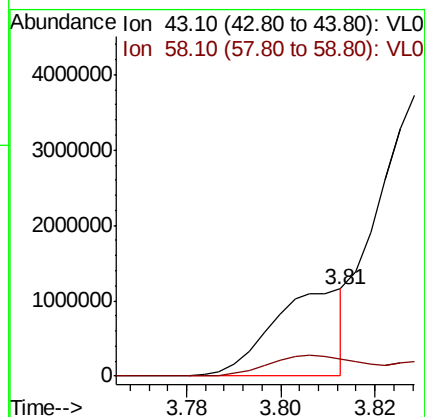
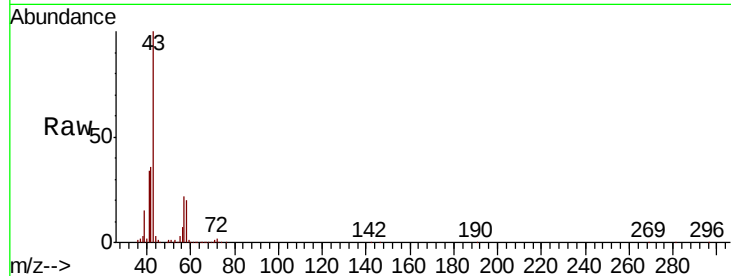
IA-3

Tot Ion: 43 Resp: 1224393

Ion Ratio Lower Upper

43 100

58 56.7 21.7 32.5#



#19

Isopropyl Alcohol

Concen: 68.862 ppbv

RT: 3.94 min Scan# 360

Delta R.T. 0.00 min

Lab File: VL035088.D

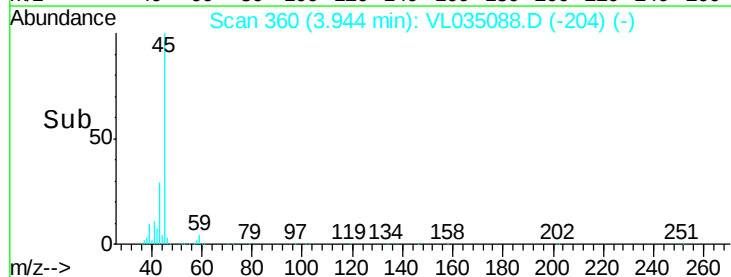
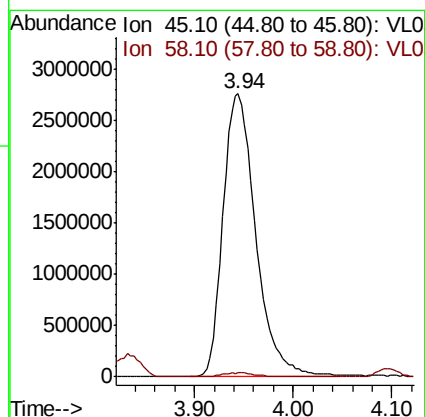
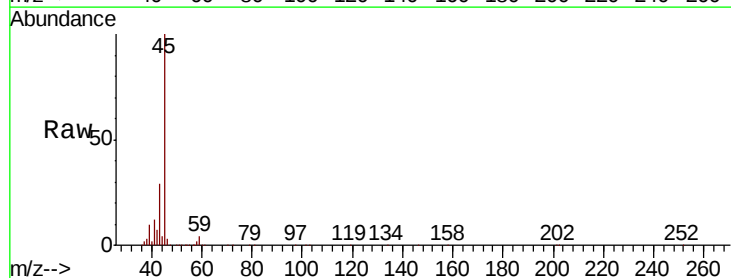
Acq: 22 May 2020 17:24

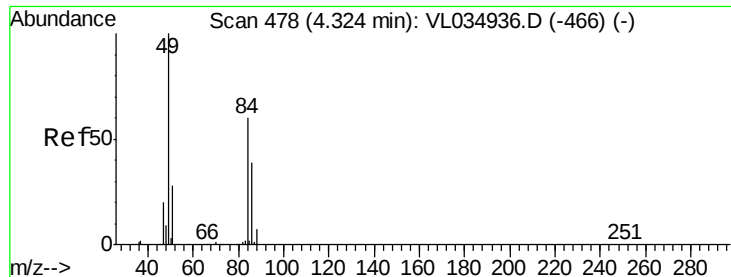
Tgt Ion: 45 Resp: 6398943

Ion Ratio Lower Upper

45 100

58 1.6 1.7 2.5#

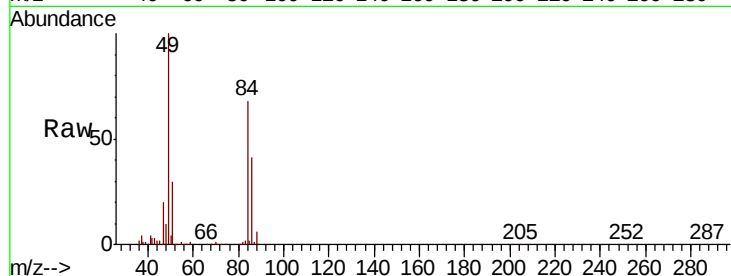




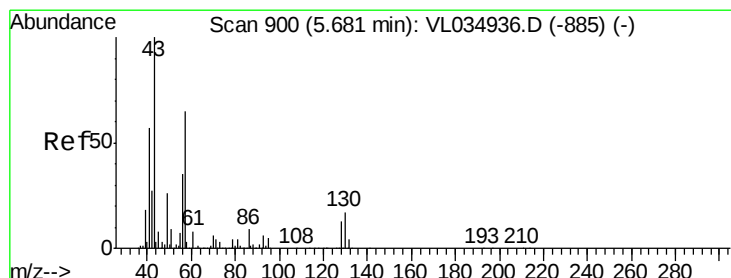
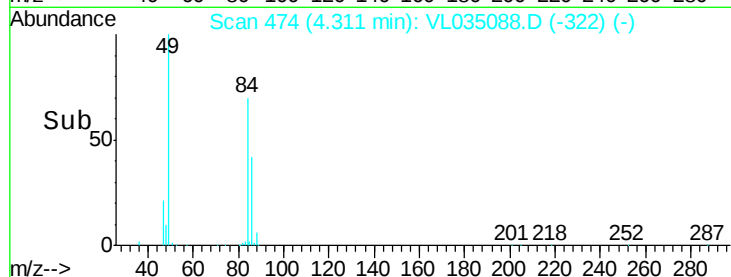
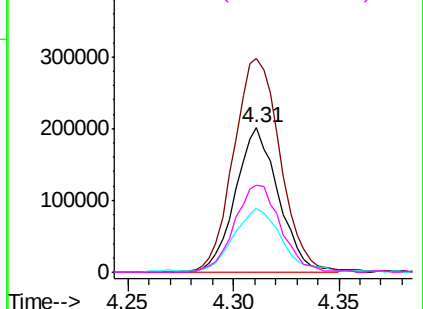
#20
Methvlene Chloride
Concen: 6.121 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.01 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

Instrument :
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Tot Ion:	84	Resp:	282358
Ion	Ratio	Lower	Upper
84	100		
49	148.2	132.5	198.7
51	43.8	38.4	57.6
86	60.1	51.2	76.8

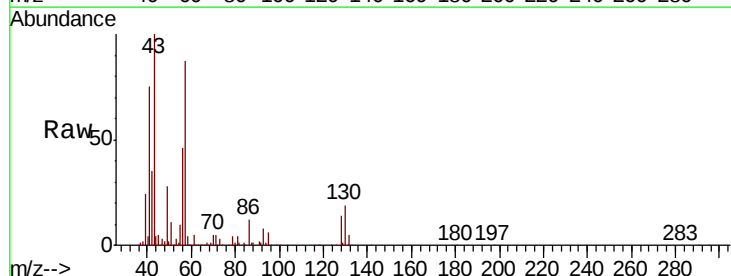


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

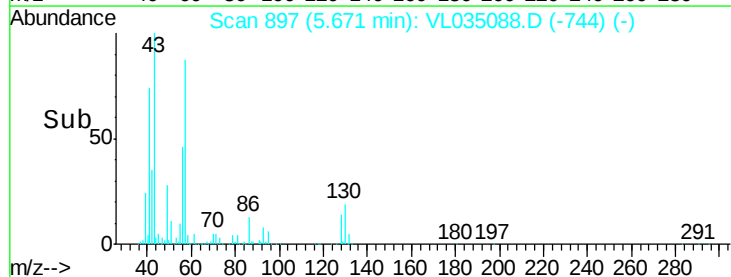
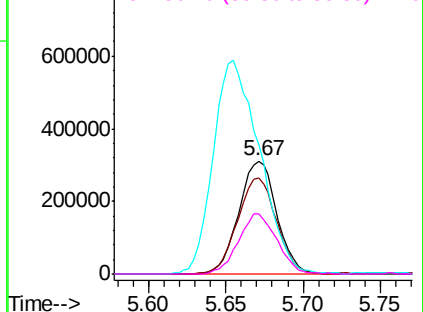


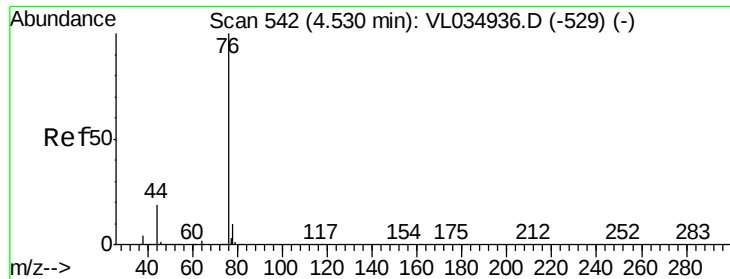
#26
Hexane
Concen: 5.215 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

Tgt Ion:	57	Resp:	529195
Ion	Ratio	Lower	Upper
57	100		
41	89.2	72.7	109.1
43	233.3	182.1	273.1
56	54.2	42.2	63.2



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 1.335 ppbv

RT: 4.52 min Scan# 539

Delta R.T. -0.01 min

Lab File: VL035088.D

Acq: 22 May 2020 17:24

Instrument :

MSVOA_L

ClientSampled :

IA-3

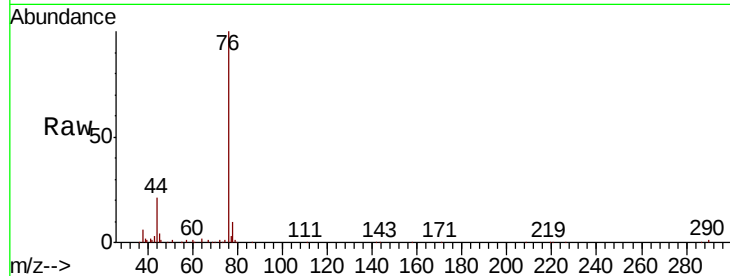
Tot Ion: 76 Resp: 159686

Ion Ratio Lower Upper

76 100

44 21.6 15.2 22.8

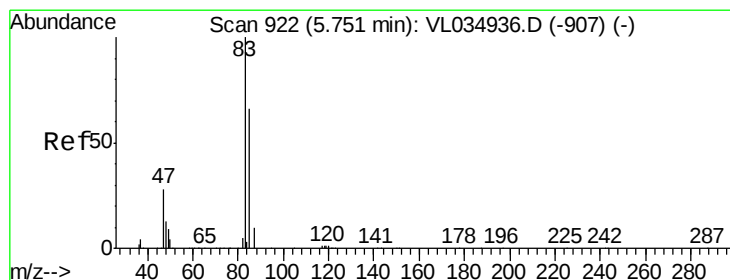
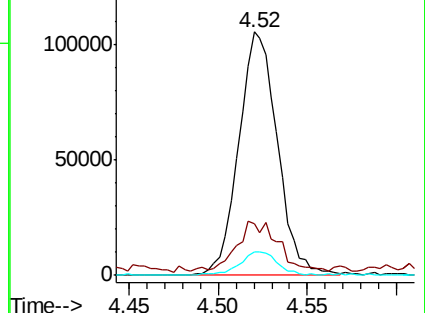
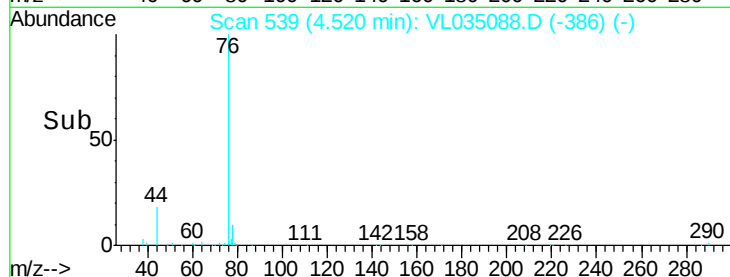
78 9.5 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#29

Chloroform

Concen: 0.431 ppbv

RT: 5.74 min Scan# 917

Delta R.T. -0.02 min

Lab File: VL035088.D

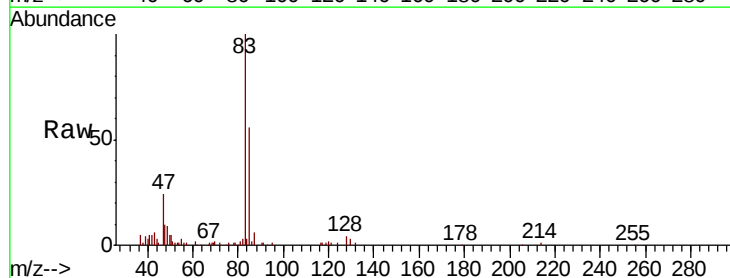
Acq: 22 May 2020 17:24

Tgt Ion: 83 Resp: 71524

Ion Ratio Lower Upper

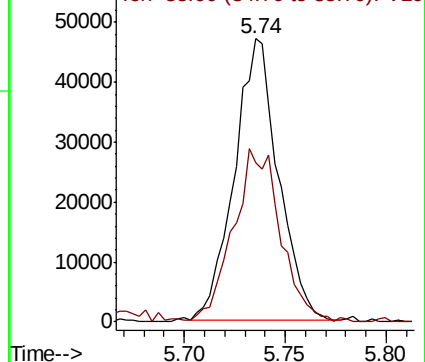
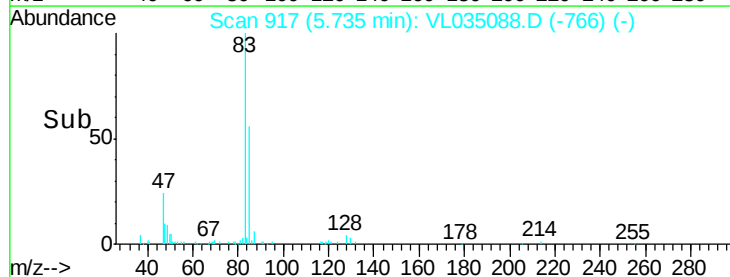
83 100

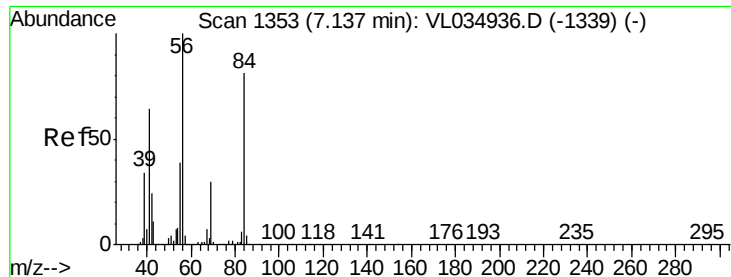
85 55.8 53.0 79.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

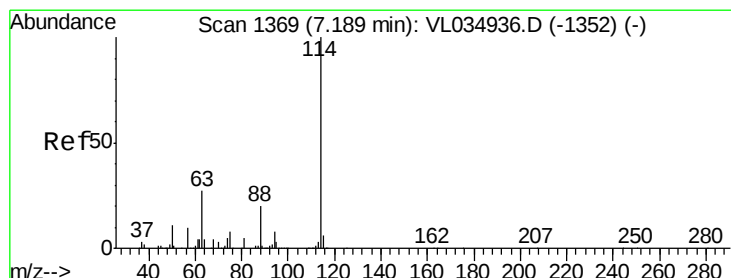
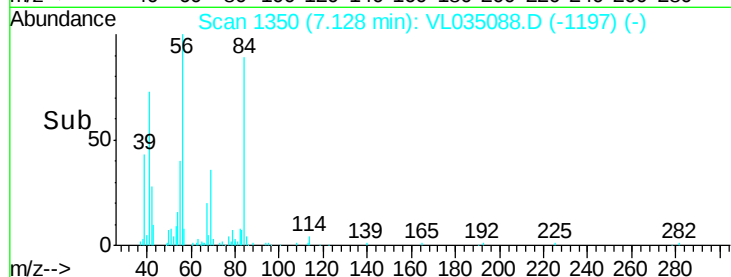
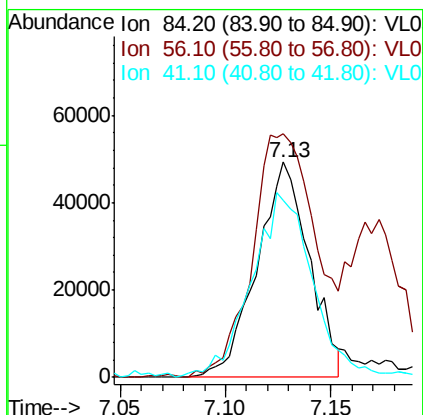
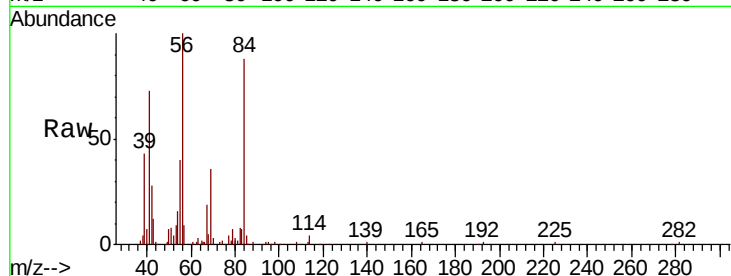




#30
Cyclohexane
Concen: 1.081 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

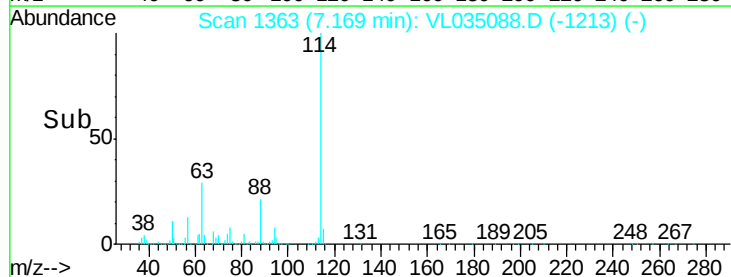
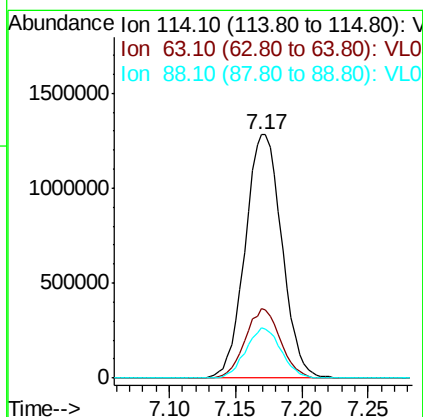
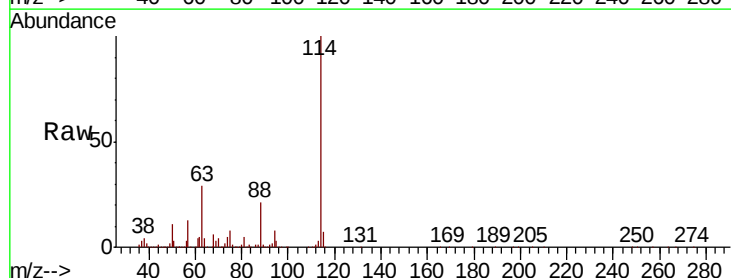
Instrument :
MSVOA_L
ClientSampleId :
IA-3

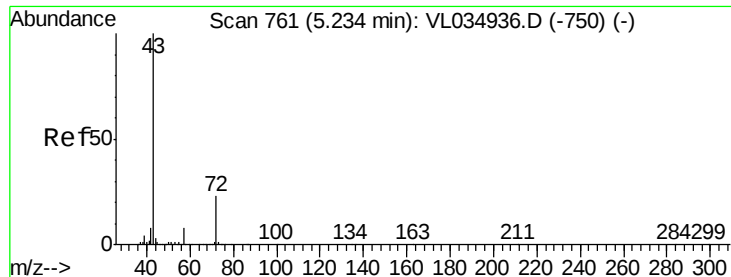
Tot Ion: 84 Resp: 84622
Ion Ratio Lower Upper
84 100
56 138.2 111.4 167.2
41 100.4 66.7 100.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.02 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

Tgt Ion: 114 Resp: 2461892
Ion Ratio Lower Upper
114 100
63 27.5 22.2 33.4
88 19.8 15.5 23.3

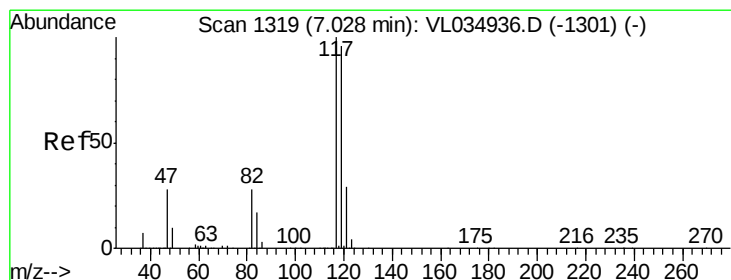
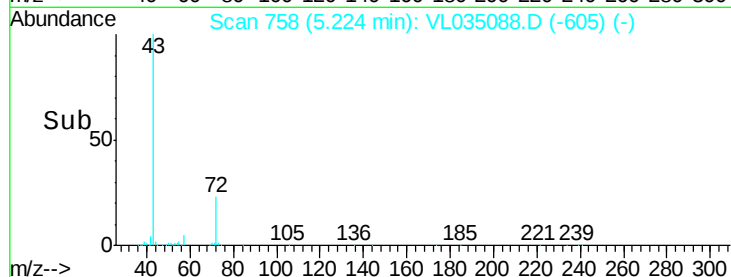
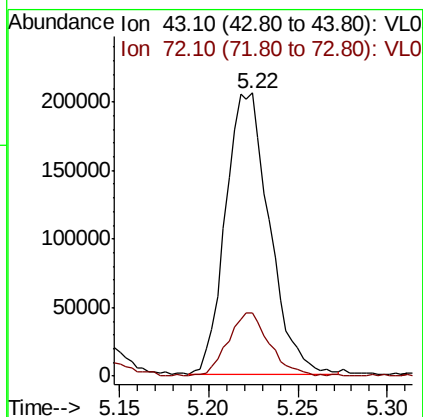
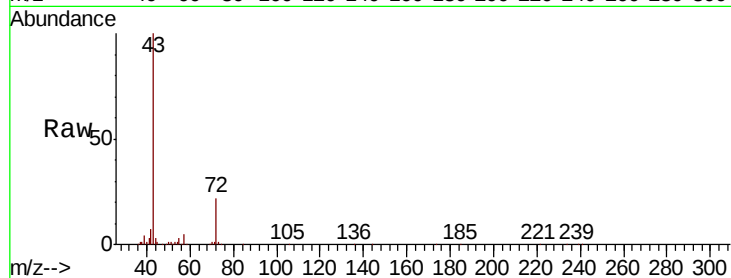




#34
2-Butanone
Concen: 2.284 ppbv
RT: 5.22 min Scan# 758
Delta R.T. -0.01 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

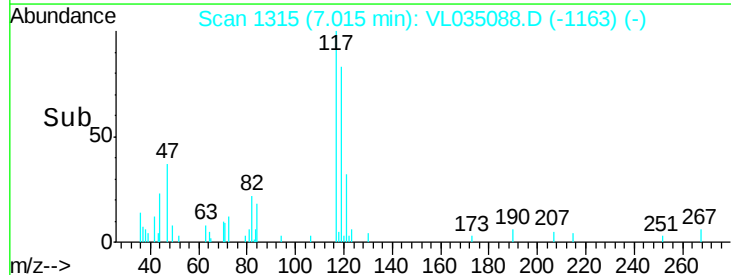
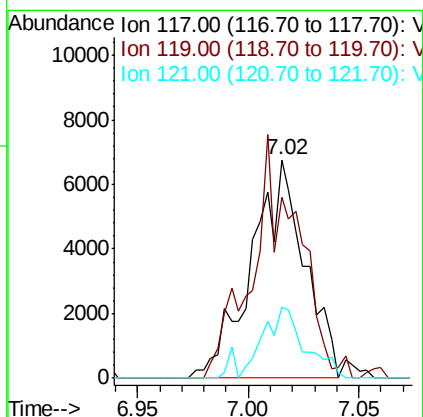
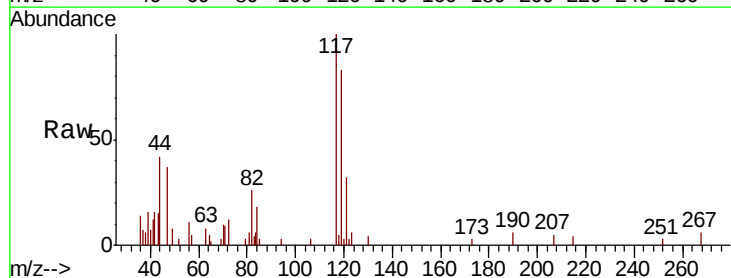
Instrument :
MSVOA_L
ClientSampleId :
IA-3

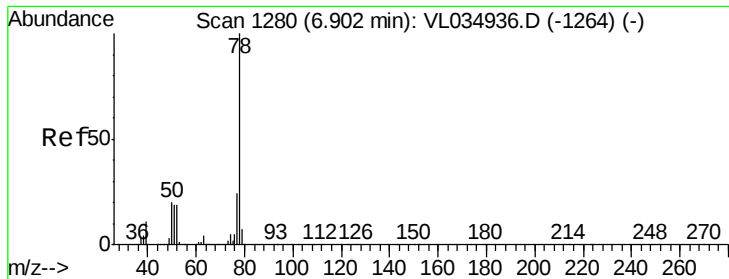
Tot Ion: 43 Resp: 349498
Ion Ratio Lower Upper
43 100
72 21.7 18.0 27.0



#35
Carbon Tetrachloride
Concen: 0.072 ppbv m
RT: 7.02 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

Tgt Ion: 117 Resp: 11220
Ion Ratio Lower Upper
117 100
119 82.7 77.0 115.6
121 32.5 23.0 34.6

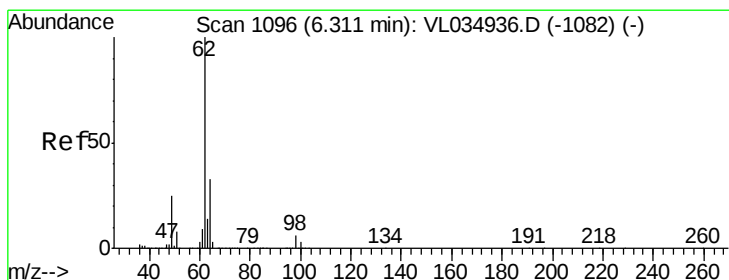
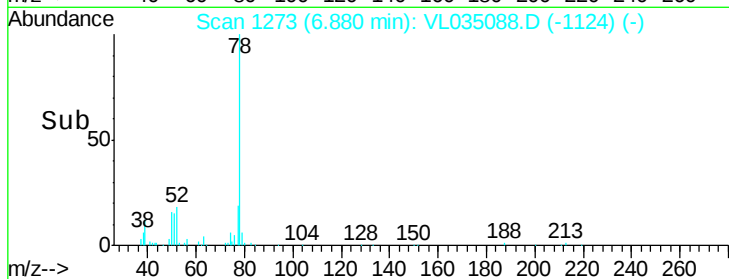
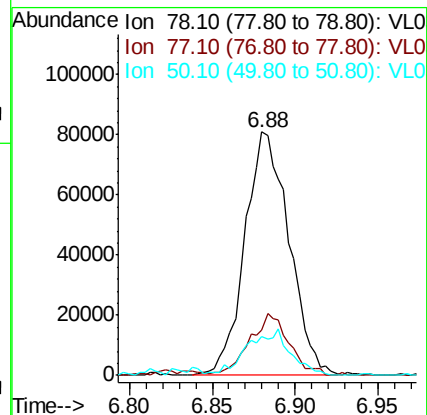
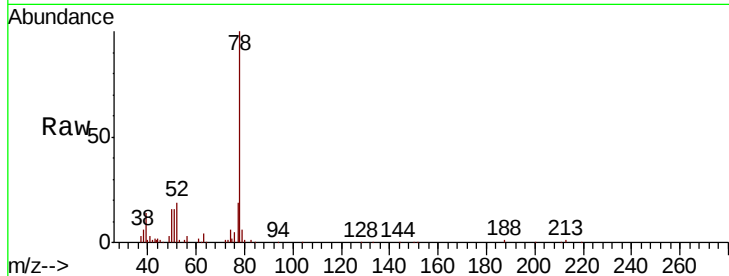




#36
Benzene
Concen: 0.738 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

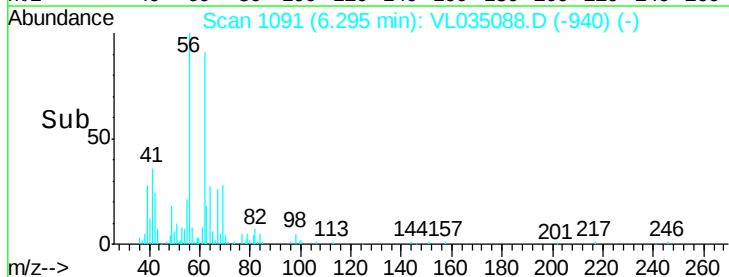
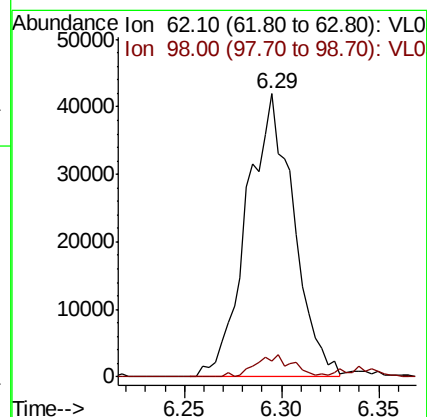
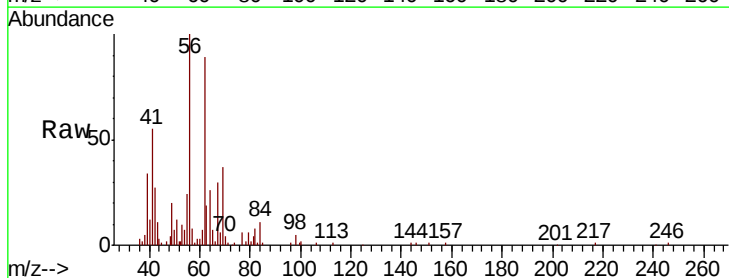
Instrument :
MSVOA_L
ClientSampled :
IA-3

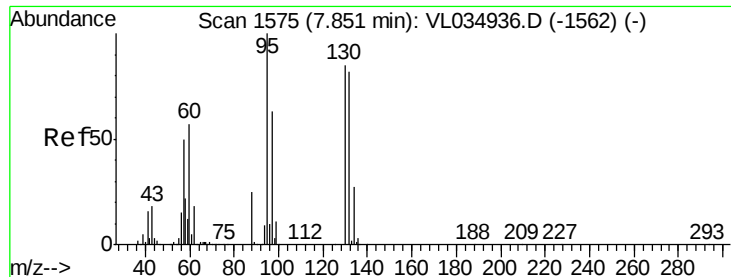
Tot Ion: 78 Resp: 149843
Ion Ratio Lower Upper
78 100
77 17.7 19.0 28.6#
50 16.0 15.8 23.8



#37
1,2-Dichloroethane
Concen: 0.563 ppbv m
RT: 6.29 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

Tgt Ion: 62 Resp: 70538
Ion Ratio Lower Upper
62 100
98 6.4 4.8 7.2





#38

Trichloroethene

Concen: 0.030 ppbv m

RT: 7.84 min Scan# 1571

Delta R.T. -0.01 min

Lab File: VL035088.D

Acq: 22 May 2020 17:24

Instrument :

MSVOA_L

ClientSampleId :

IA-3

Tot Ion:130 Resp: 2371

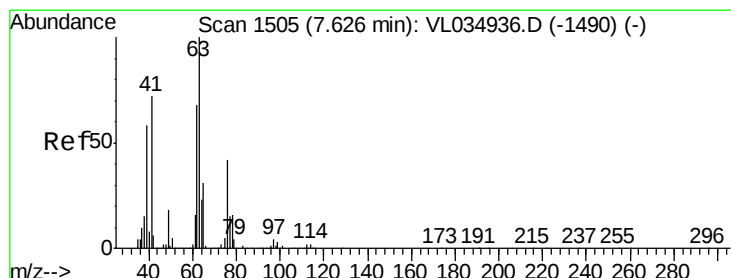
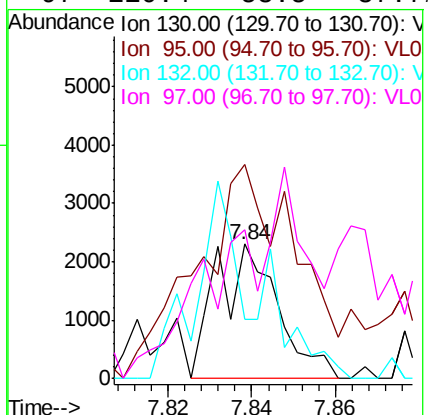
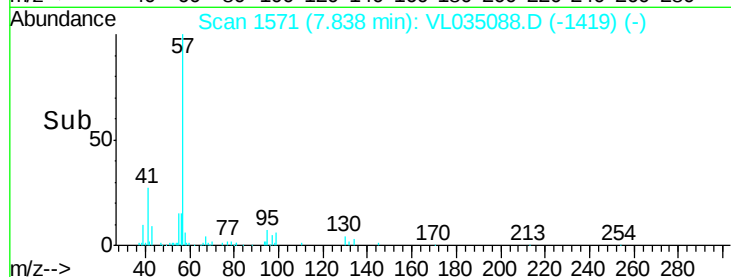
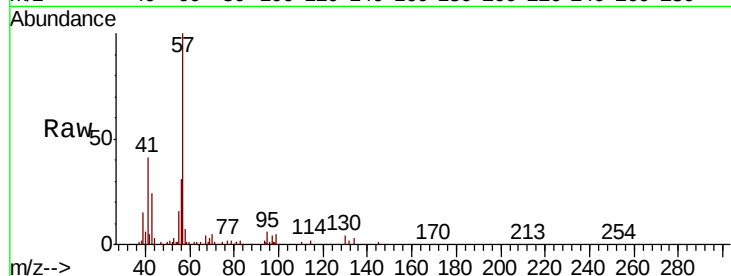
Ion Ratio Lower Upper

130 100

95 159.0 93.4 140.0#

132 43.9 76.4 114.6#

97 110.4 58.5 87.7#



#39

1,2-Dichloropropane

Concen: 0.245 ppbv m

RT: 7.61 min Scan# 1499

Delta R.T. -0.02 min

Lab File: VL035088.D

Acq: 22 May 2020 17:24

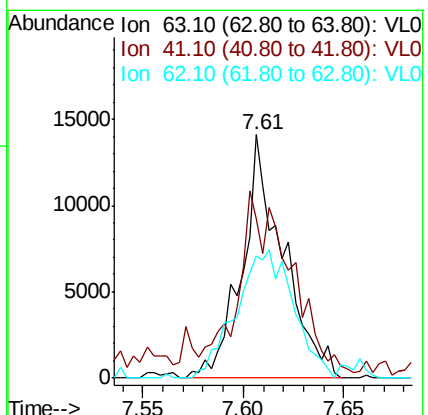
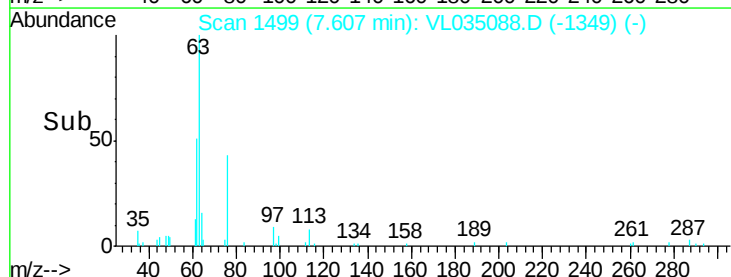
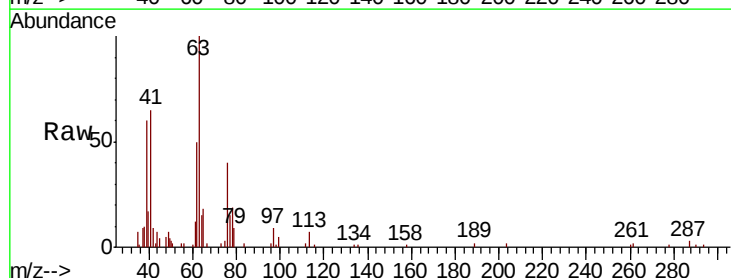
Tgt Ion: 63 Resp: 19973

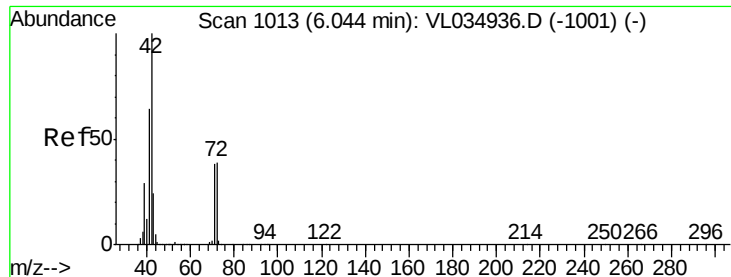
Ion Ratio Lower Upper

63 100

41 65.3 57.8 86.8

62 50.1 54.2 81.2#





#41

Tetrahydrofuran

Concen: 0.499 ppbv

RT: 6.04 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VL035088.D

Acq: 22 May 2020 17:24

Instrument :

MSVOA_L

ClientSampleId :

IA-3

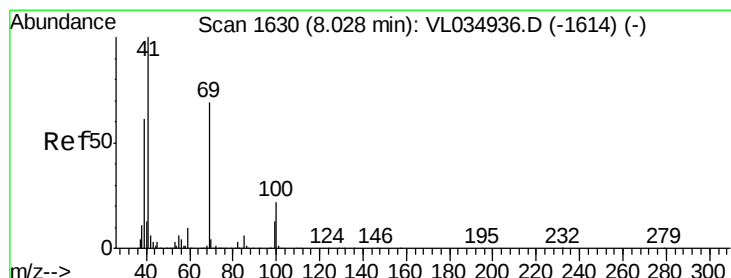
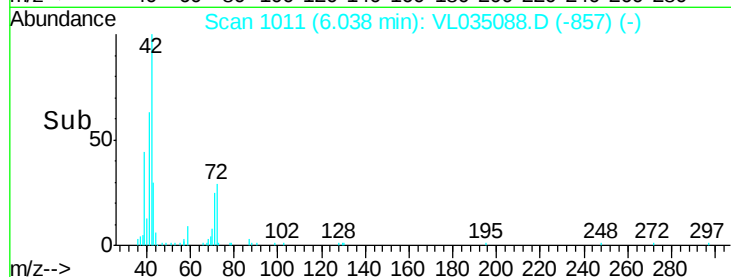
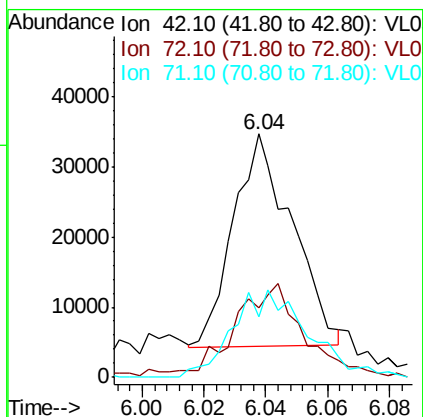
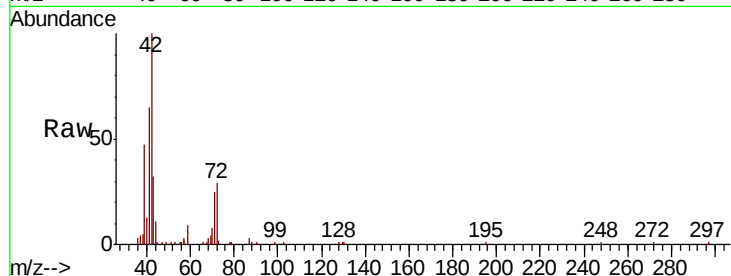
Tot Ion: 42 Resp: 40180

Ion Ratio Lower Upper

42 100

72 54.9 31.4 47.0#

71 52.7 29.8 44.8#



#43

Methyl Methacrylate

Concen: 0.185 ppbv m

RT: 8.02 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VL035088.D

Acq: 22 May 2020 17:24

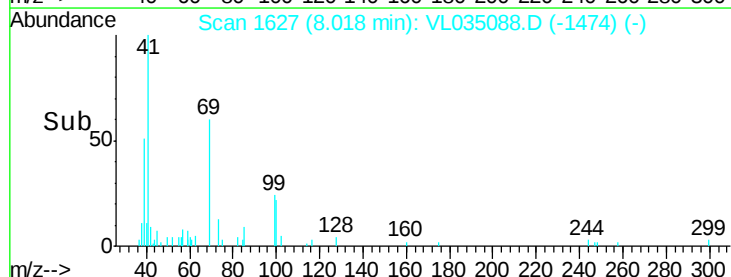
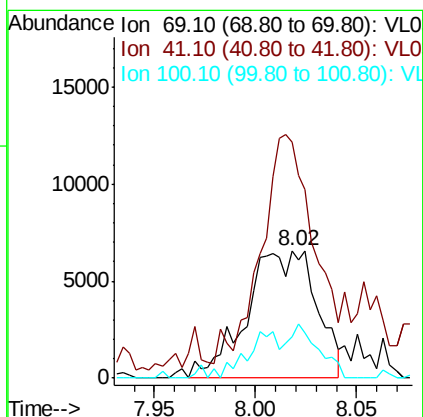
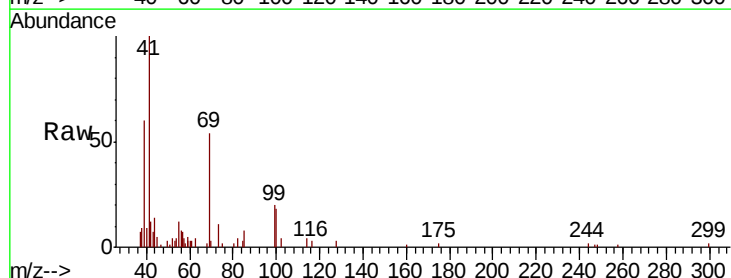
Tgt Ion: 69 Resp: 15869

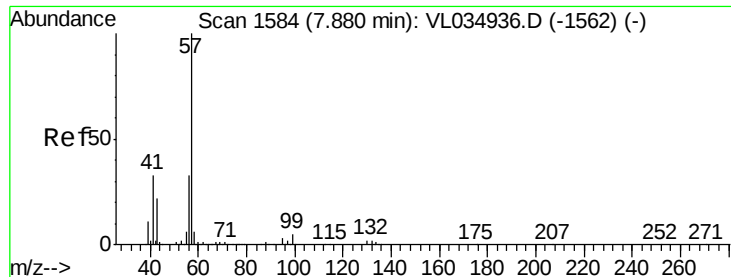
Ion Ratio Lower Upper

69 100

41 0.0 119.8 179.6#

100 0.0 25.0 37.6#

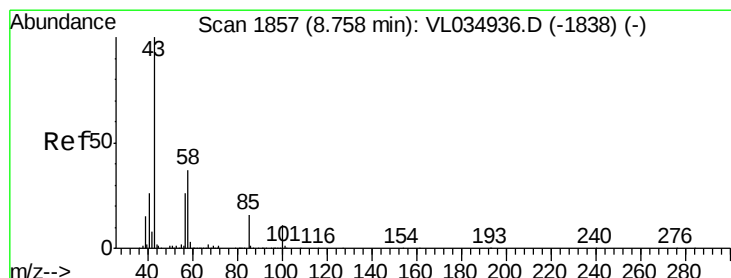
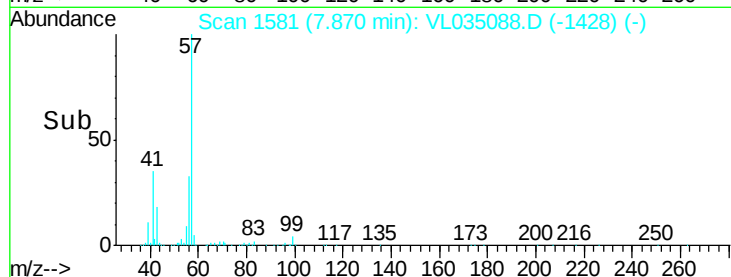
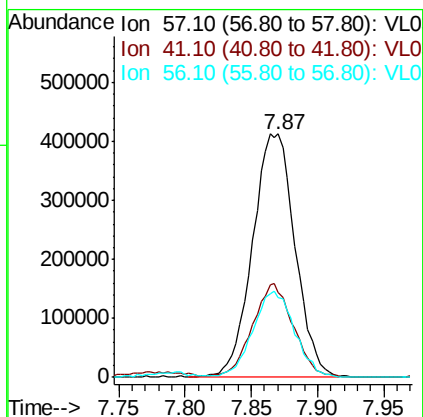
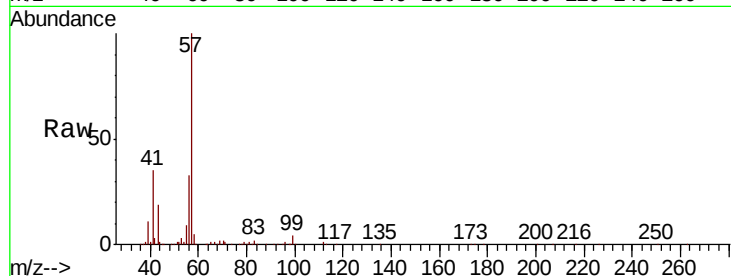




#44
 2,2,4-Trimethylpentane
 Concen: 2.551 ppbv
 RT: 7.87 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: VL035088.D
 Acq: 22 May 2020 17:24

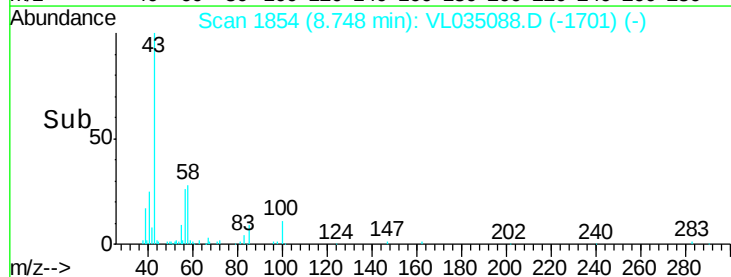
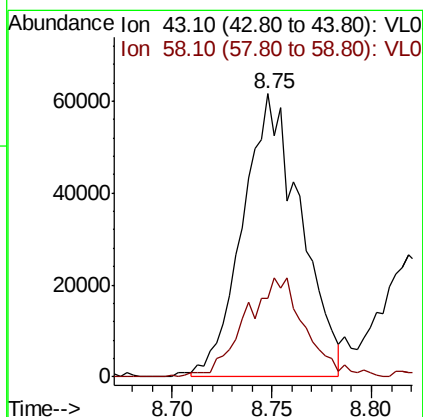
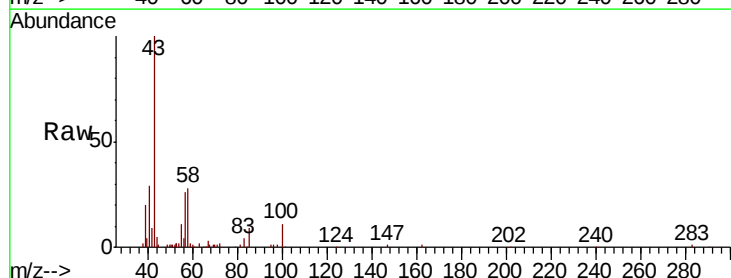
Instrument :
 MSVOA_L
 ClientSampleID :
 IA-3

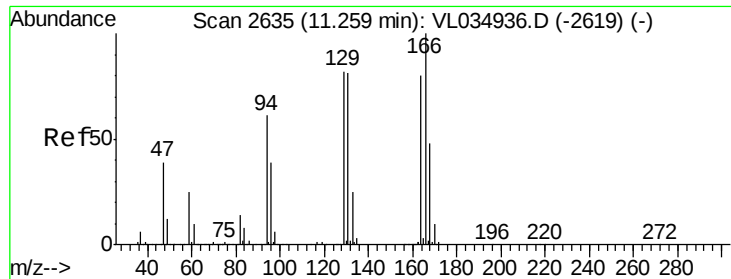
Tot Ion	Ratio	Lower	Upper
57	100		
41	37.1	26.4	39.6
56	34.9	25.5	38.3



#50
 4-Methyl-2-Pentanone
 Concen: 0.571 ppbv m
 RT: 8.75 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VL035088.D
 Acq: 22 May 2020 17:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.3	29.1	43.7





#52

Tetrachloroethene

Concen: 0.309 ppbv m

RT: 11.24 min Scan# 2628

Delta R.T. -0.02 min

Lab File: VL035088.D

Acq: 22 May 2020 17:24

Instrument :

MSVOA_L

ClientSampleId :

IA-3

Tot Ion:164 Resp: 22308

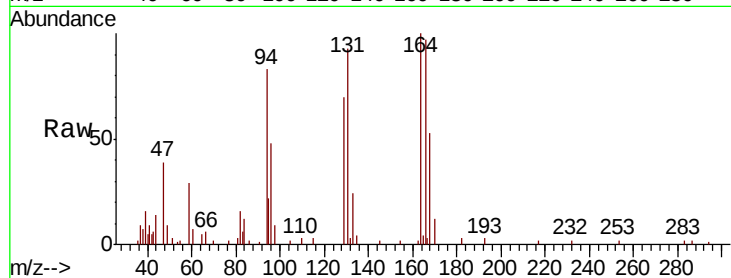
Ion Ratio Lower Upper

164 100

166 97.4 100.7 151.1#

129 69.8 83.0 124.4#

131 93.0 81.0 121.4

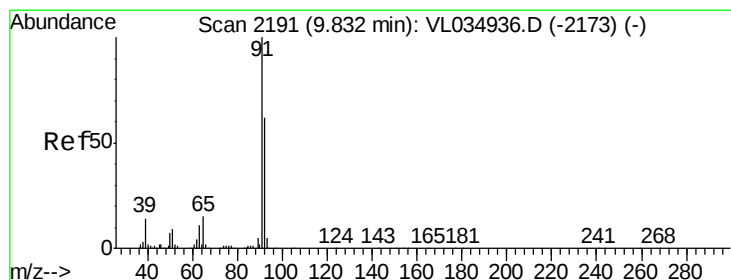
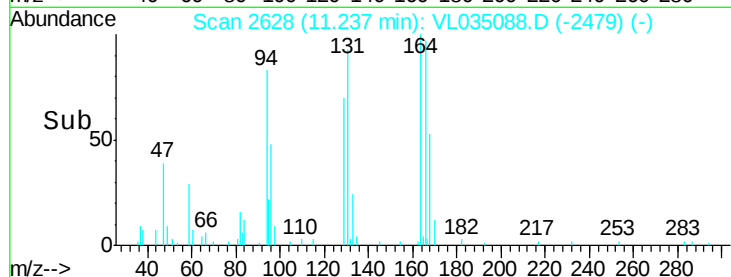
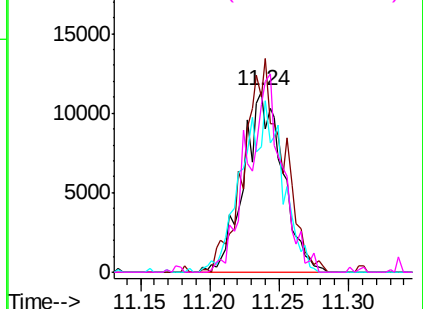


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 25.154 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. -0.02 min

Lab File: VL035088.D

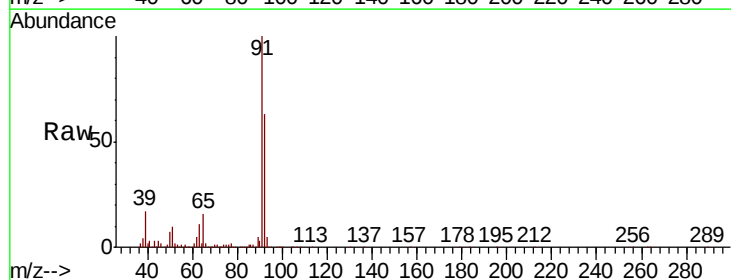
Acq: 22 May 2020 17:24

Tgt Ion: 91 Resp: 5412239

Ion Ratio Lower Upper

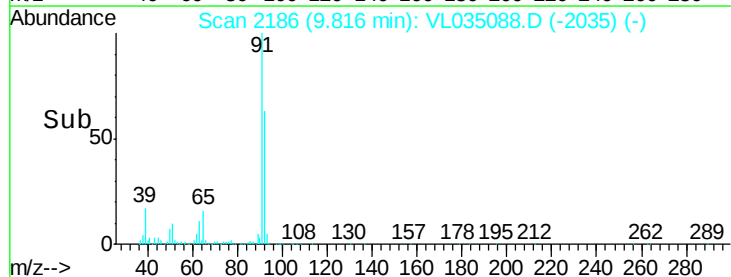
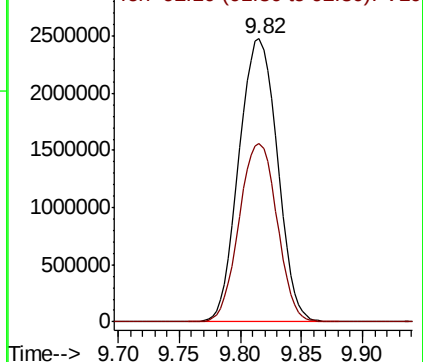
91 100

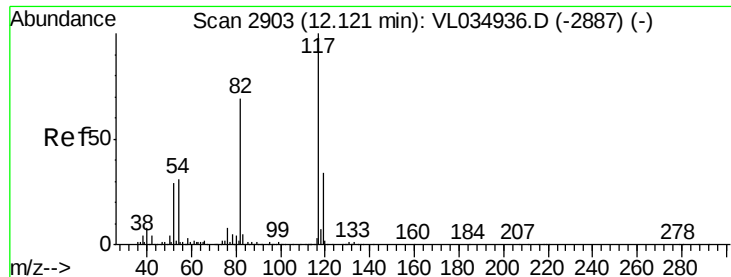
92 62.1 48.6 73.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

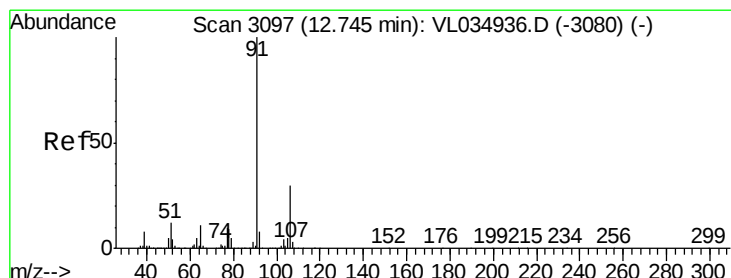
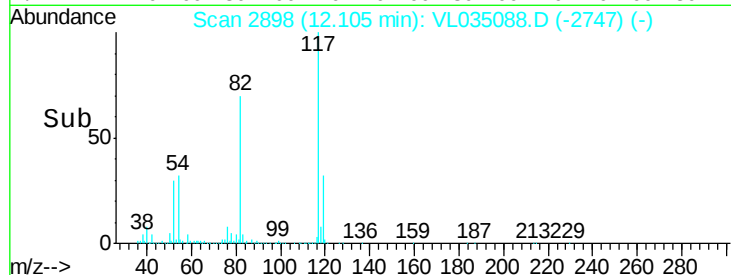
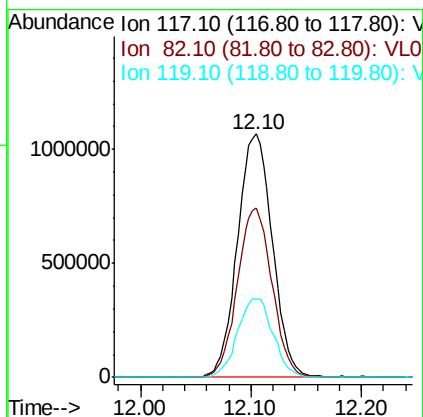
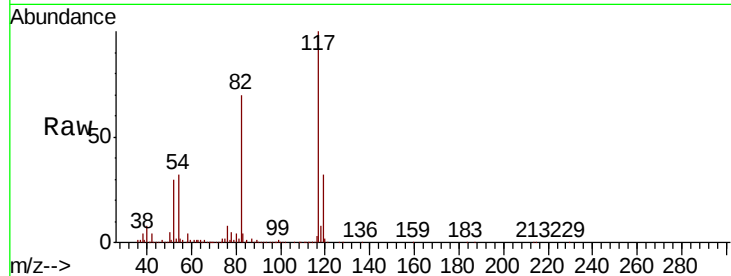




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

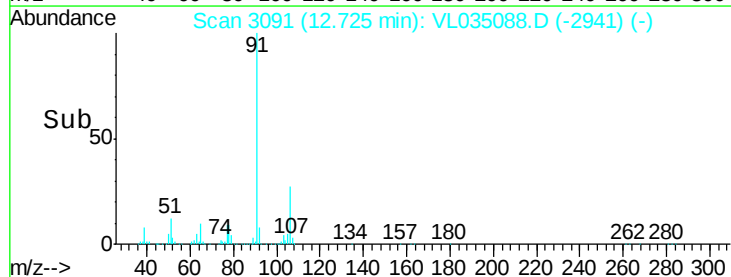
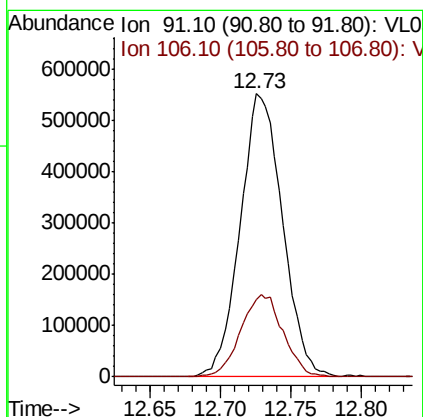
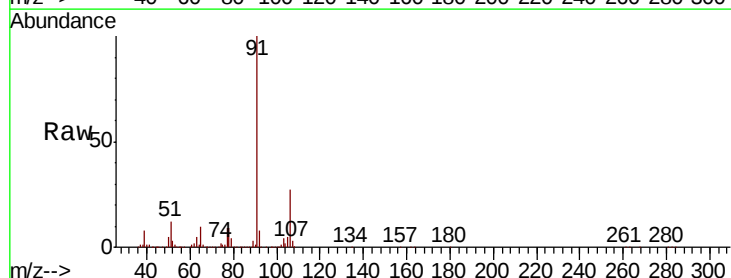
Instrument :
MSVOA_L
ClientSampleId :
IA-3

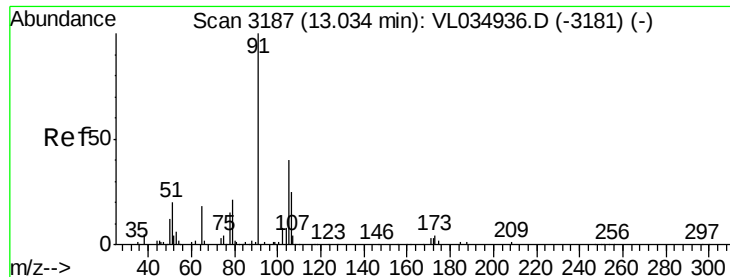
Tot Ion:117 Resp: 2349144
Ion Ratio Lower Upper
117 100
82 69.0 53.1 79.7
119 32.7 26.7 40.1



#58
Ethyl Benzene
Concen: 3.960 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. -0.02 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

Tgt Ion: 91 Resp: 1150336
Ion Ratio Lower Upper
91 100
106 27.5 24.2 36.4

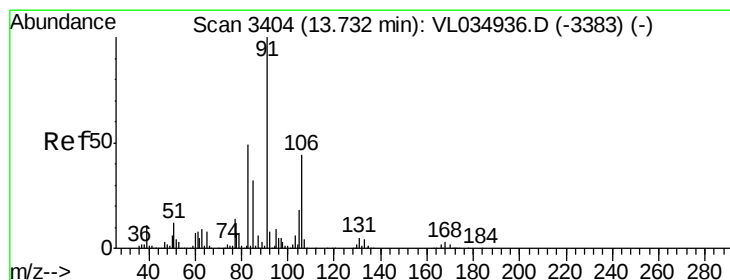
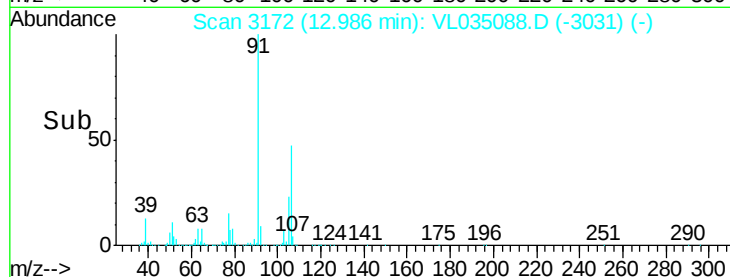
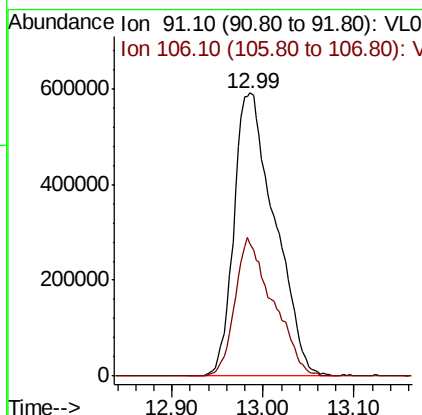
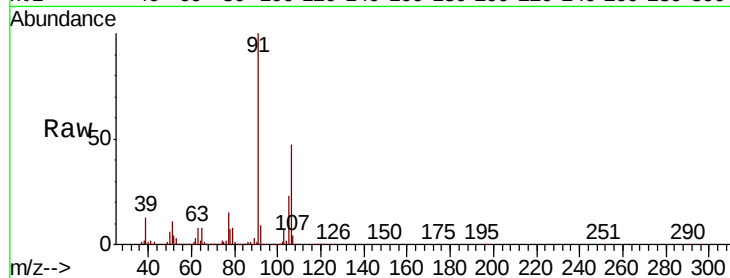




#59
m/p-Xylene
Concen: 7.210 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. -0.05 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

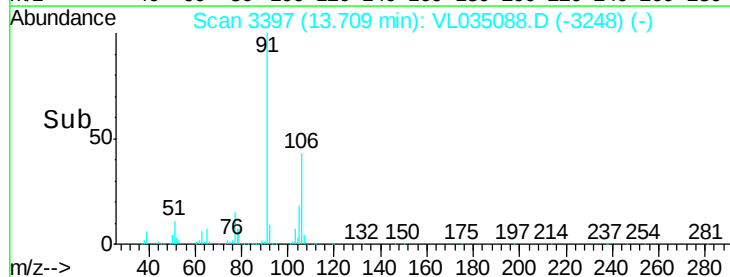
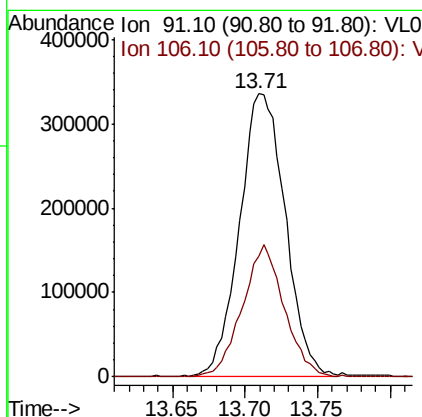
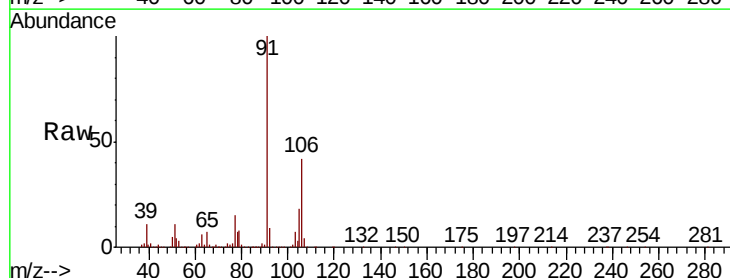
Instrument :
MSVOA_L
ClientSampleId :
IA-3

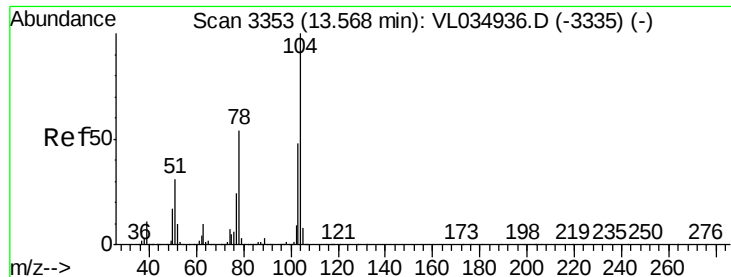
Tot Ion: 91 Resp: 1842738
Ion Ratio Lower Upper
91 100
106 45.3 66.0 99.0#



#60
o-Xylene
Concen: 2.901 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. -0.02 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

Tgt Ion: 91 Resp: 731684
Ion Ratio Lower Upper
91 100
106 43.1 21.9 65.5

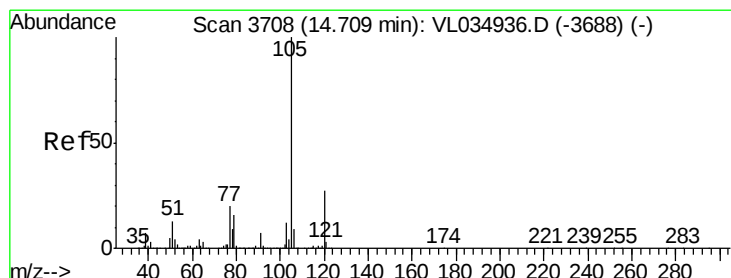
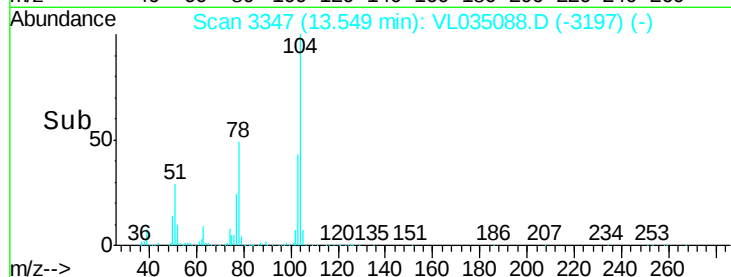
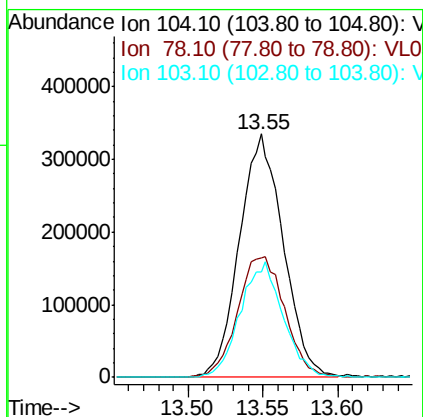
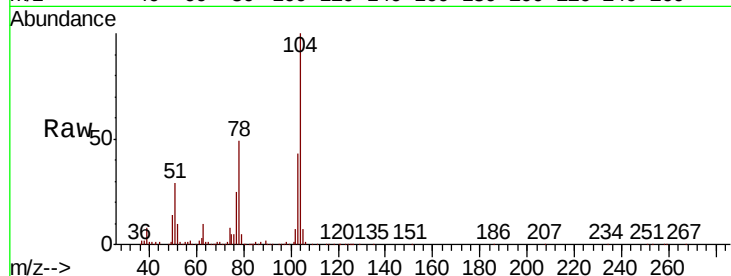




#61
Stvrene
Concen: 4.279 ppbv
RT: 13.55 min Scan# 3347
Delta R.T. -0.02 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

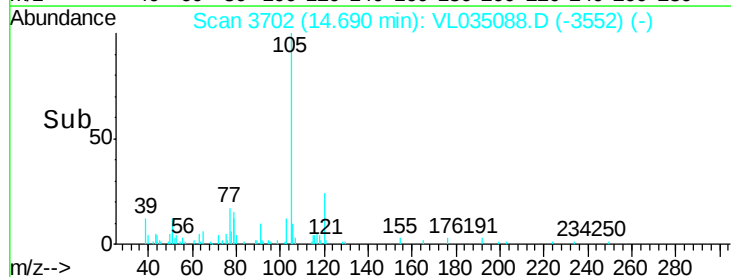
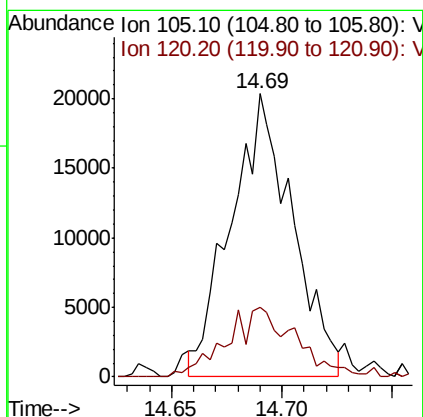
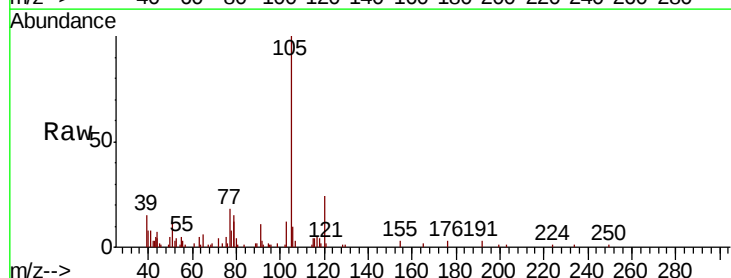
Instrument :
MSVOA_L
ClientSampled :
IA-3

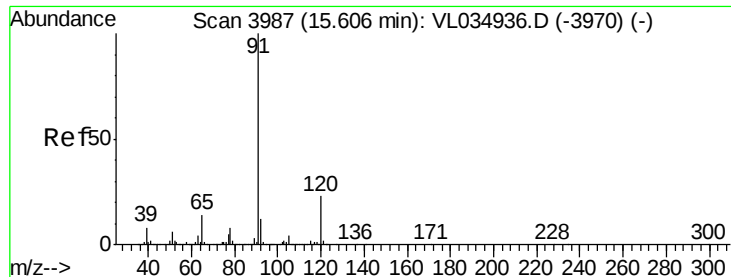
Tot Ion:104 Resp: 682932
Ion Ratio Lower Upper
104 100
78 53.5 43.7 65.5
103 46.8 38.8 58.2



#62
Isopropylbenzene
Concen: 0.105 ppbv
RT: 14.69 min Scan# 3702
Delta R.T. -0.02 min
Lab File: VL035088.D
Acq: 22 May 2020 17:24

Tgt Ion:105 Resp: 39409
Ion Ratio Lower Upper
105 100
120 28.1 20.6 31.0





#64

n-propylbenzene

Concen: 0.181 ppbv m

RT: 15.58 min Scan# 3980

Delta R.T. -0.02 min

Lab File: VL035088.D

Acq: 22 May 2020 17:24

Instrument :

MSVOA_L

ClientSampleId :

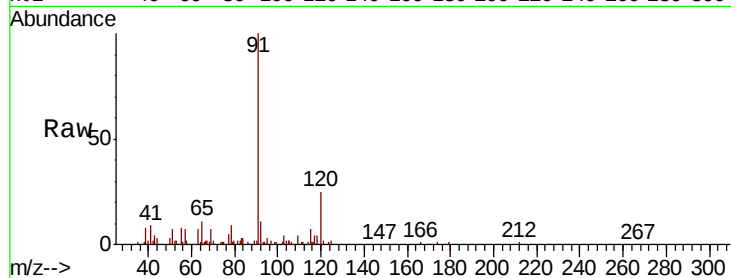
IA-3

Tot Ion:120 Resp: 17483

Ion Ratio Lower Upper

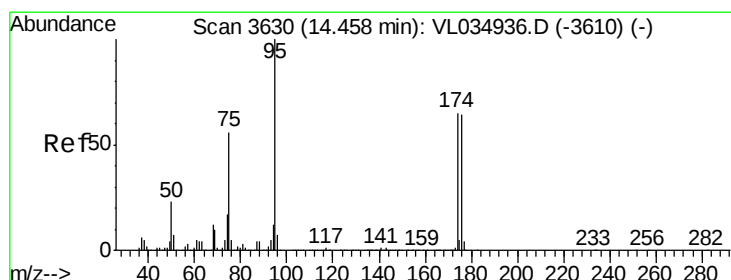
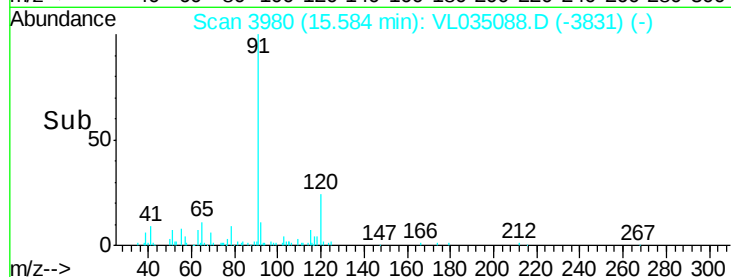
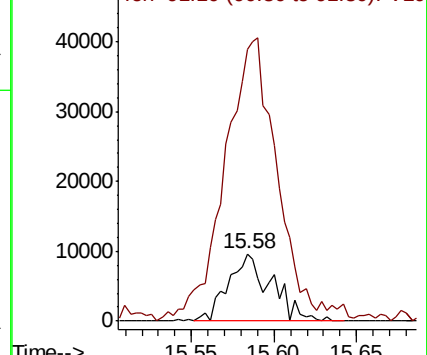
120 100

91 26.4 373.5 560.3#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 10.600 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. -0.02 min

Lab File: VL035088.D

Acq: 22 May 2020 17:24

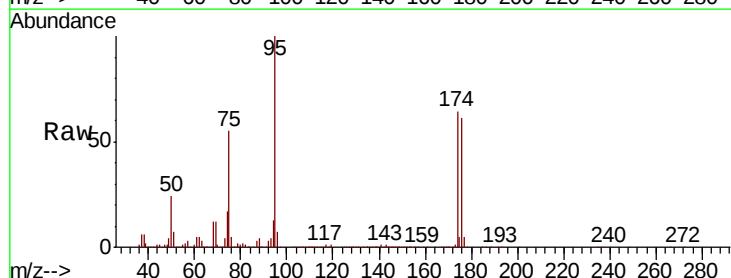
Tgt Ion: 95 Resp: 2015679

Ion Ratio Lower Upper

95 100

174 65.2 51.5 77.3

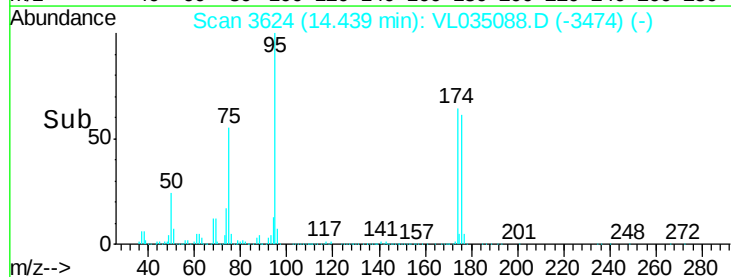
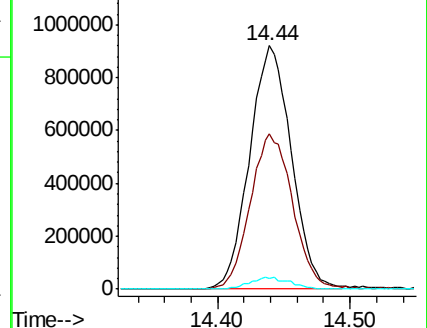
175 4.8 3.8 5.8

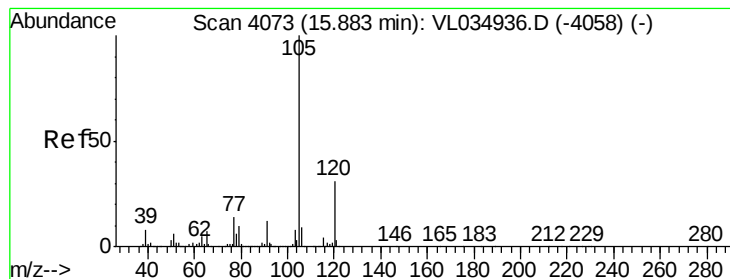


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#72

4-Ethyltoluene

Concen: 0.300 ppbv m

RT: 15.87 min Scan# 4068

Delta R.T. -0.02 min

Lab File: VL035088.D

Acq: 22 May 2020 17:24

Instrument :

MSVOA_L

ClientSampled :

IA-3

Tot Ion:105 Resp: 84393

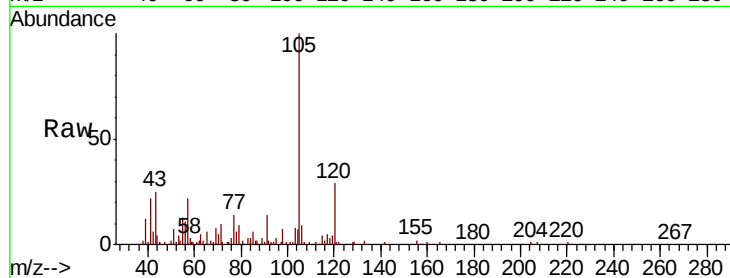
Ion Ratio Lower Upper

105 100

120 0.0 23.8 35.8#

91 0.0 10.6 15.8#

77 0.0 11.6 17.4#

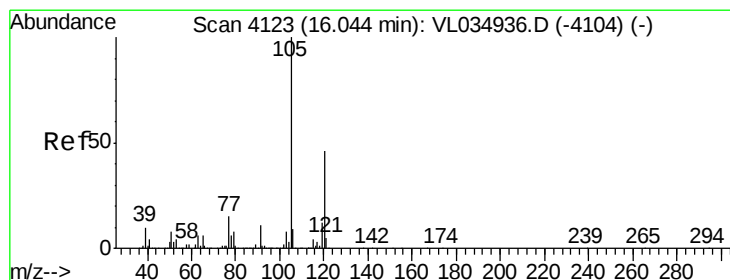
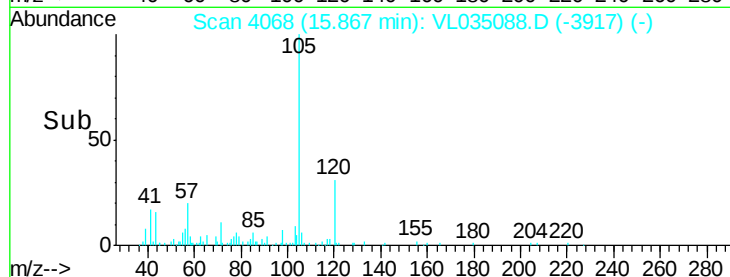
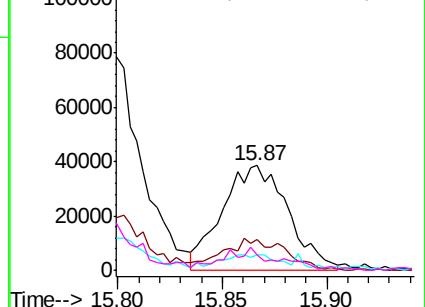


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 0.256 ppbv m

RT: 16.02 min Scan# 4116

Delta R.T. -0.02 min

Lab File: VL035088.D

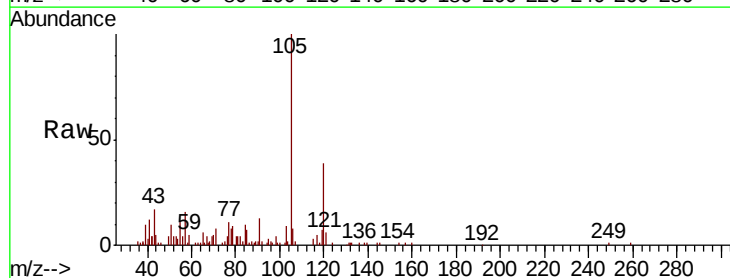
Acq: 22 May 2020 17:24

Tgt Ion:105 Resp: 70186

Ion Ratio Lower Upper

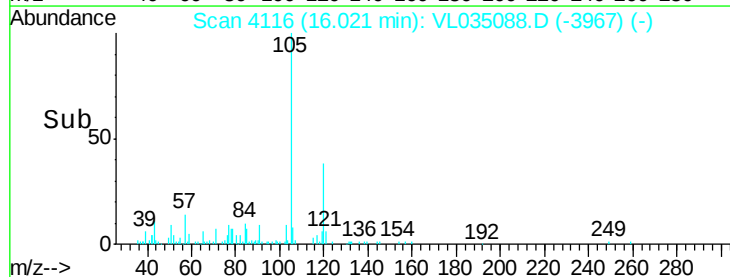
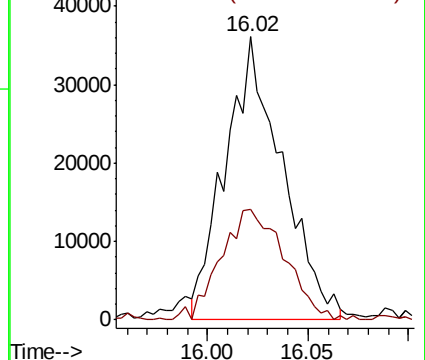
105 100

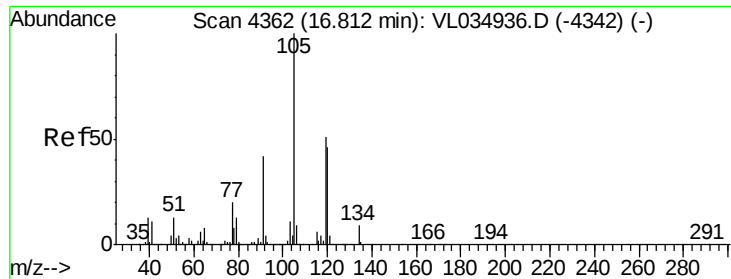
120 38.9 36.4 54.6



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: 0.936 ppbv

RT: 16.79 min Scan# 4355

Delta R.T. -0.02 min

Lab File: VL035088.D

Acq: 22 May 2020 17:24

Instrument :

MSVOA_L

ClientSampleId :

IA-3

Tot Ion:105 Resp: 279911

Ion Ratio Lower Upper

105 100

120 41.1 36.8 55.2

91 10.1 35.4 53.0#

77 12.5 16.2 24.2#

