

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035353.D
 Acq On : 6 Aug 2020 17:11
 Operator : SY/AP
 Sample : L3554-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 07 06:28:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
 QLast Update : Wed Aug 05 13:04:46 2020
 Response via : Initial Calibration

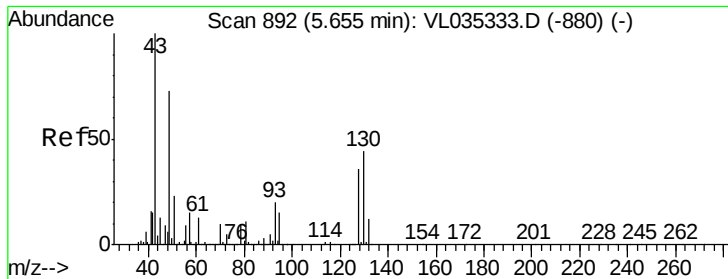
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1455858	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3587933	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3421470	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2861872	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	48991	0.253	ppbv	89
3) Chlorodifluoromethane	2.91	51	326088	1.962	ppbv #	63
4) Chloromethane	3.09	50	51605	0.548	ppbv	99
9) Propene	2.96	41	58211	0.983	ppbv #	60
10) Heptane	8.12	43	21189	0.140	ppbv #	25
11) Trichlorofluoromethane	3.91	101	53644	0.214	ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.46	101	11715	0.065	ppbv	94
13) Ethanol	3.61	45	798132	39.077	ppbv	95
15) Acetone	3.81	43	2655819	12.846	ppbv	96
16) 1,3-Butadiene	3.26	39	245665	3.087	ppbv #	18
17) tert-Butyl alcohol	4.29	59	45582	0.240	ppbv #	71
19) Isopropyl Alcohol	3.97	45	372536	2.843	ppbv #	1
20) Methylene Chloride	4.31	84	503888	5.977	ppbv	99
21) Allyl Chloride	4.32	41	16857	0.142	ppbv #	18
23) Vinyl Acetate	5.04	43	124376	0.627	ppbv #	6
25) Ethyl Acetate	5.67	43	329405	1.049	ppbv #	83
26) Hexane	5.66	57	383604	2.815	ppbv #	47
27) Carbon Disulfide	4.52	76	33526	0.176	ppbv #	72
29) Chloroform	5.74	83	357838	1.523	ppbv	94
30) Cyclohexane	7.13	84	16708	0.162	ppbv #	6
34) 2-Butanone	5.22	43	644255	3.647	ppbv	96
36) Benzene	6.88	78	42713	0.176	ppbv #	84
39) 1,2-Dichloropropane	7.17	63	928227	9.464	ppbv #	23
44) 2,2,4-Trimethylpentane	7.86	57	60165	0.140	ppbv #	25
51) 2-Hexanone	10.15	43	80654	0.381	ppbv #	99
52) Tetrachloroethene	11.23	164	3193	0.033	ppbv #	51
53) Toluene	9.82	91	1023414	3.883	ppbv	98
54) 1,2-Dibromoethane	10.61	107	262834	1.553	ppbv #	6
58) Ethyl Benzene	12.73	91	72805	0.204	ppbv	98
59) m/p-Xylene	12.99	91	232013	0.700	ppbv	99
60) o-Xylene	13.72	91	70043	0.213	ppbv	67
69) p-Isopropyltoluene	17.68	119	23851	0.046	ppbv #	1
72) 4-Ethyltoluene	15.86	105	31420	0.084	ppbv #	55
73) 1,3,5-Trimethylbenzene	16.02	105	17089	0.047	ppbv	96
74) 1,2,4-Trimethylbenzene	16.79	105	284375	0.691	ppbv #	71
76) 1,4-Dichlorobenzene	17.16	146	21037	0.084	ppbv #	23
79) Naphthalene	22.24	128	51503	0.163	ppbv #	91
80) Naphthalene,2-methyl-	25.00	142	13289	0.185	ppbv #	88

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.01 min

Lab File: VL035353.D

Acq: 6 Aug 2020 17:11

Instrument :
MSVOA_L
ClientSampled :

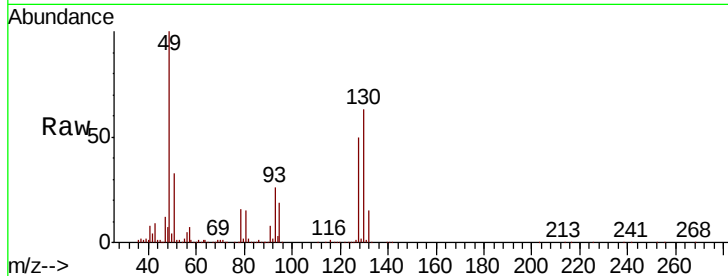
Tot Ion: 49 Resp: 1455858

Ion Ratio Lower Upper

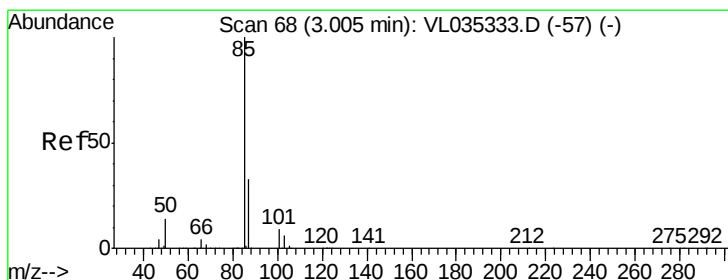
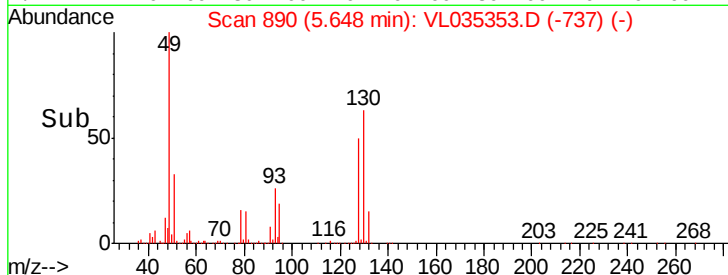
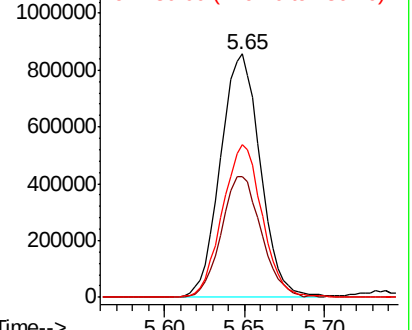
49 100

128 49.9 25.4 76.0

130 62.9 32.1 96.3



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.253 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL035353.D

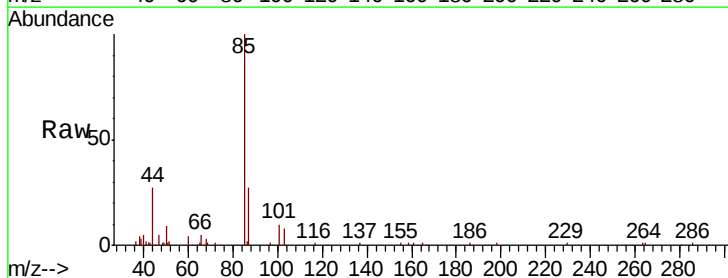
Acq: 6 Aug 2020 17:11

Tgt Ion: 85 Resp: 48991

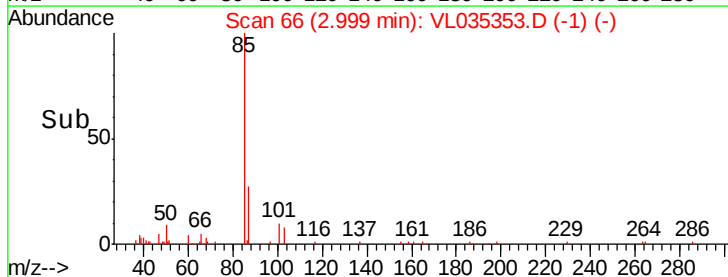
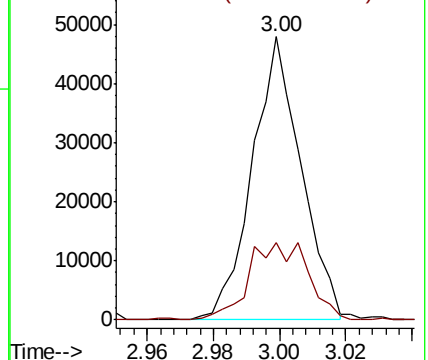
Ion Ratio Lower Upper

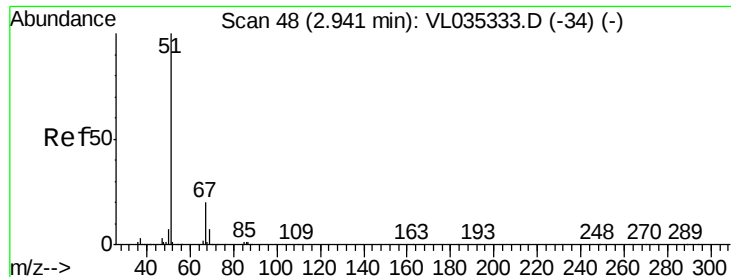
85 100

87 27.2 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0

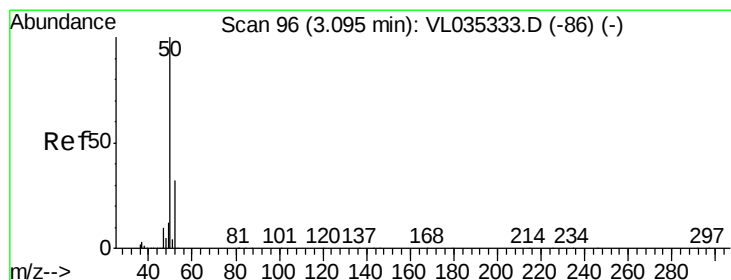
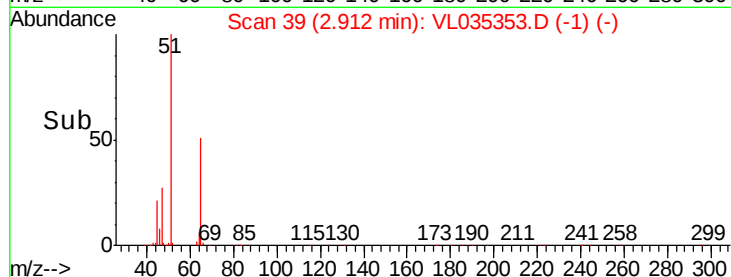
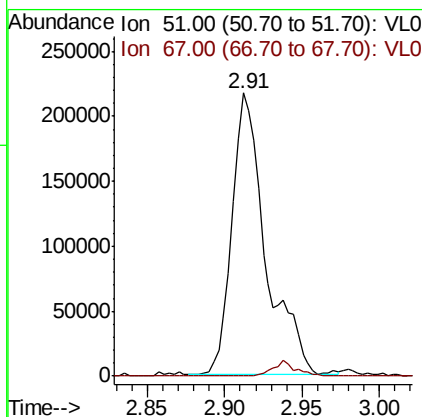
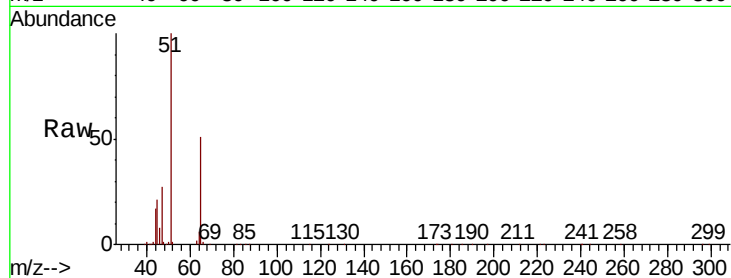




#3
 Chlorodifluoromethane
 Concen: 1.962 ppbv
 RT: 2.91 min Scan# 39
 Delta R.T. -0.03 min
 Lab File: VL035353.D
 Acq: 6 Aug 2020 17:11

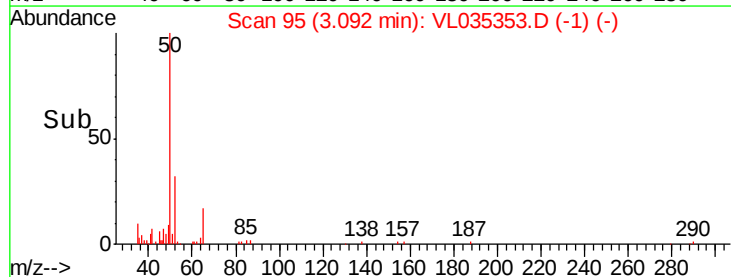
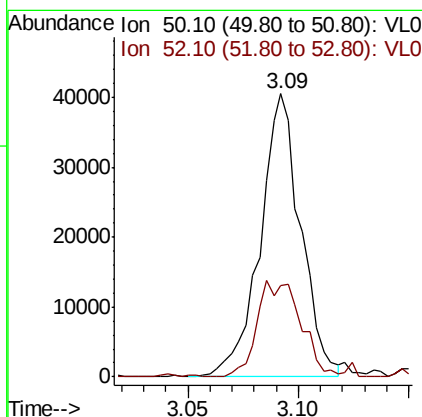
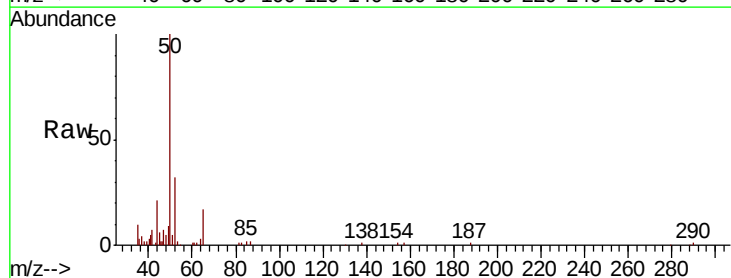
Instrument :
 MSVOA_L
 ClientSampleId :

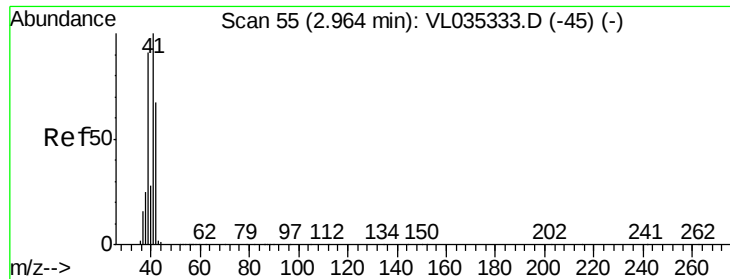
Tot Ion: 51 Resp: 326088
 Ion Ratio Lower Upper
 51 100
 67 3.7 16.6 25.0#



#4
 Chloromethane
 Concen: 0.548 ppbv
 RT: 3.09 min Scan# 95
 Delta R.T. -0.00 min
 Lab File: VL035353.D
 Acq: 6 Aug 2020 17:11

Tgt Ion: 50 Resp: 51605
 Ion Ratio Lower Upper
 50 100
 52 31.7 26.0 39.0





#9

Propene

Concen: 0.983 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.00 min

Lab File: VL035353.D

Acq: 6 Aug 2020 17:11

Instrument :

MSVOA_L

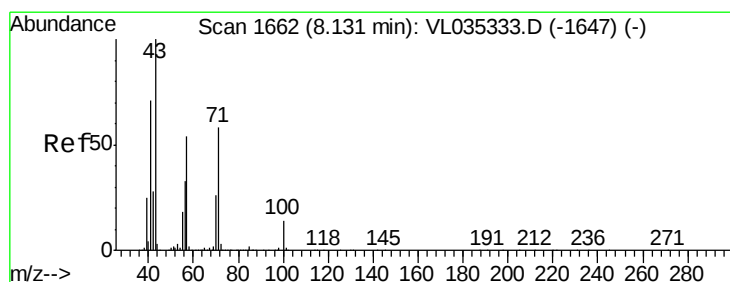
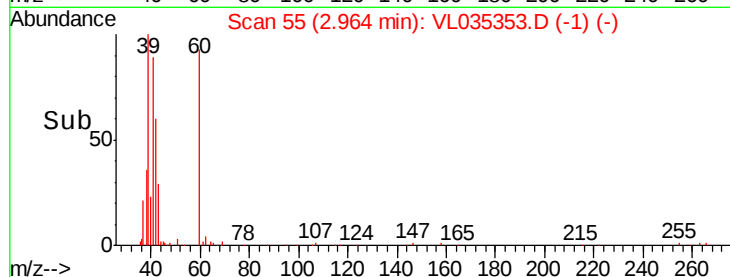
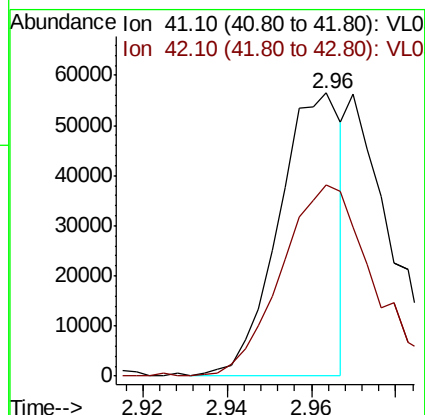
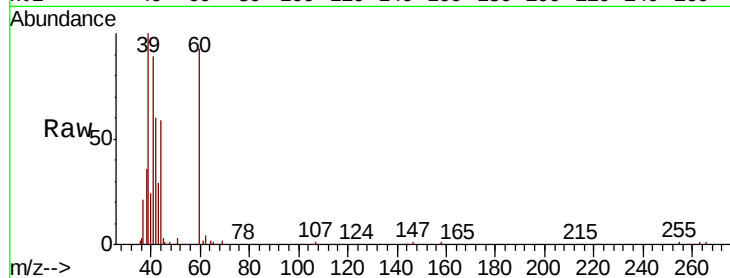
ClientSampleId :

Tot Ion: 41 Resp: 58211

Ion Ratio Lower Upper

41 100

42 101.8 55.3 82.9#



#10

Heptane

Concen: 0.140 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL035353.D

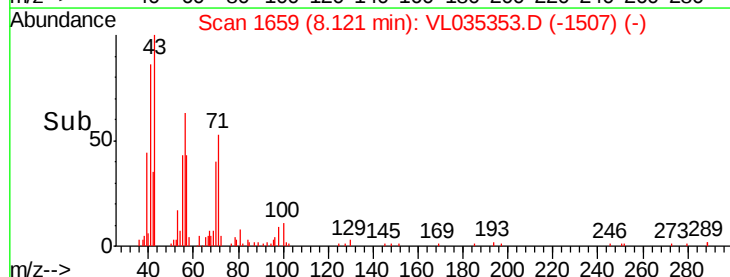
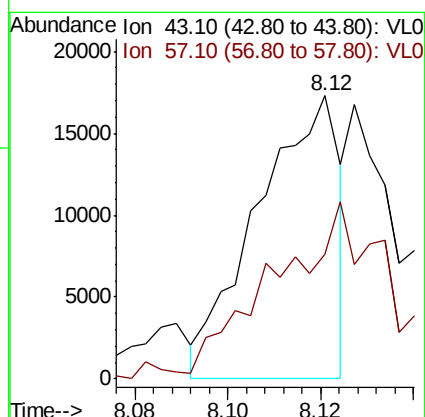
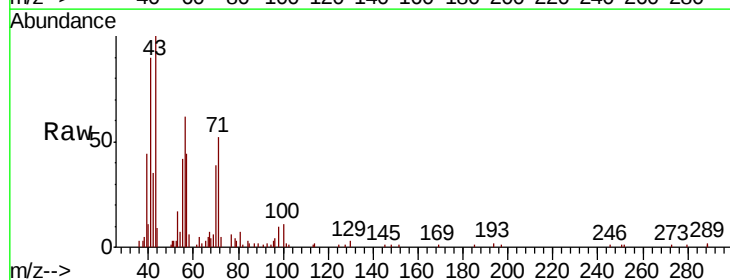
Acq: 6 Aug 2020 17:11

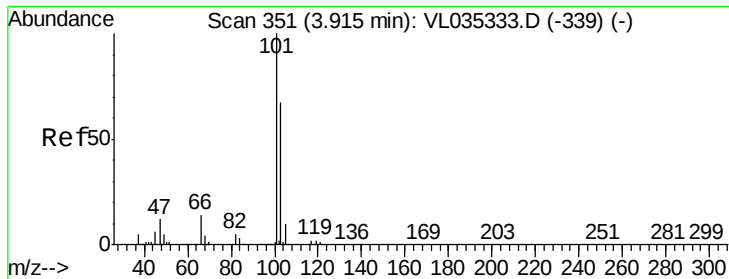
Tgt Ion: 43 Resp: 21189

Ion Ratio Lower Upper

43 100

57 0.0 43.0 64.6#

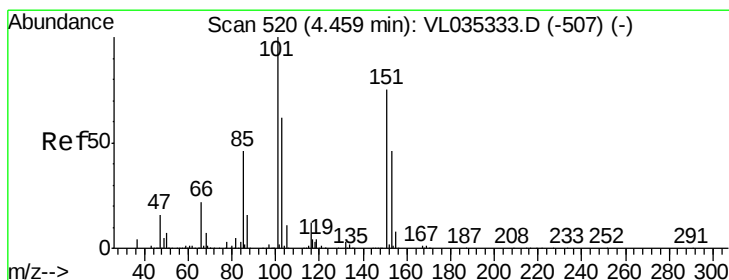
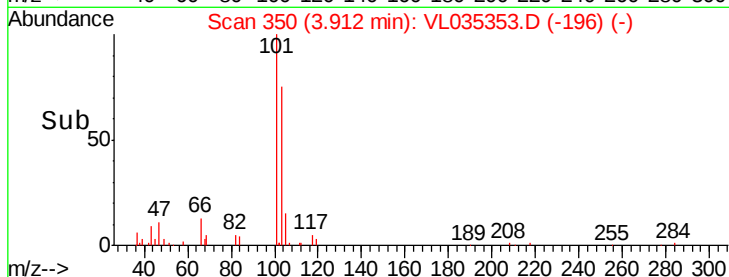
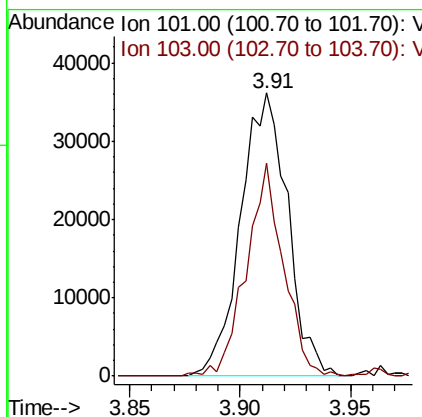
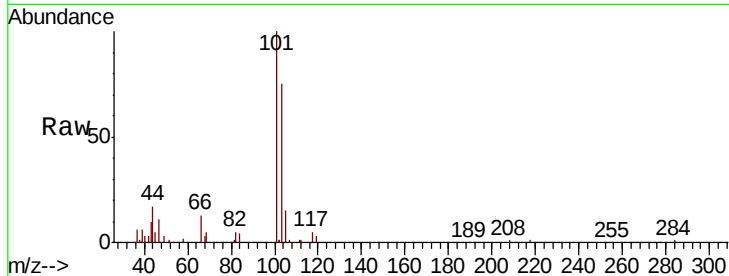




#11
 Trichlorofluoromethane
 Concen: 0.214 ppbv
 RT: 3.91 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VL035353.D
 Acq: 6 Aug 2020 17:11

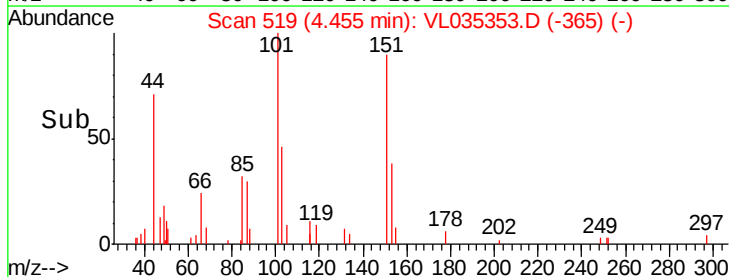
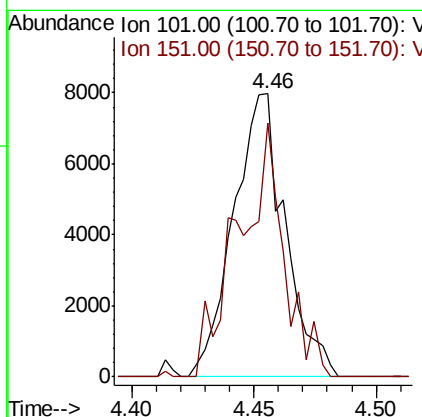
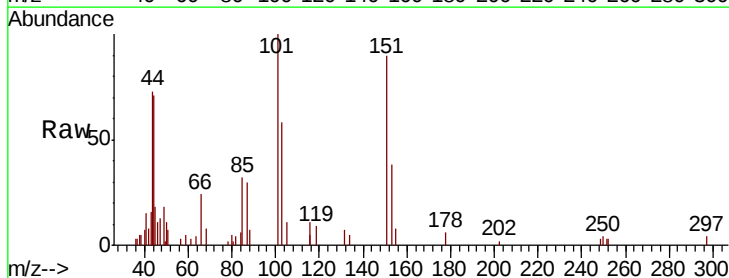
Instrument :
 MSVOA_L
 ClientSampleId :

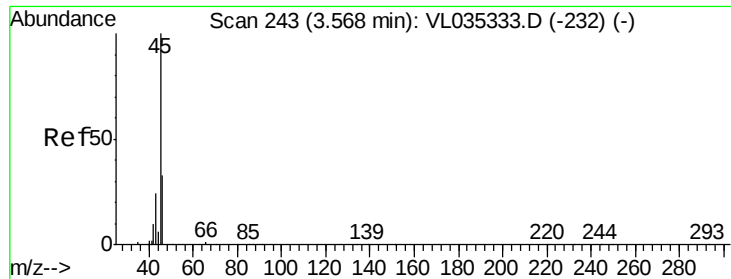
Tot Ion:101 Resp: 53644
 Ion Ratio Lower Upper
 101 100
 103 74.5 53.8 80.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.065 ppbv
 RT: 4.46 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: VL035353.D
 Acq: 6 Aug 2020 17:11

Tgt Ion:101 Resp: 11715
 Ion Ratio Lower Upper
 101 100
 151 79.5 59.5 89.3





#13

Ethanol

Concen: 39.077 ppbv

RT: 3.61 min Scan# 255

Delta R.T. 0.04 min

Lab File: VL035353.D

Acq: 6 Aug 2020 17:11

Instrument :

MSVOA_L

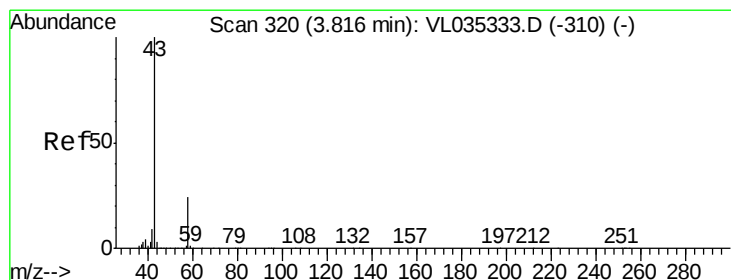
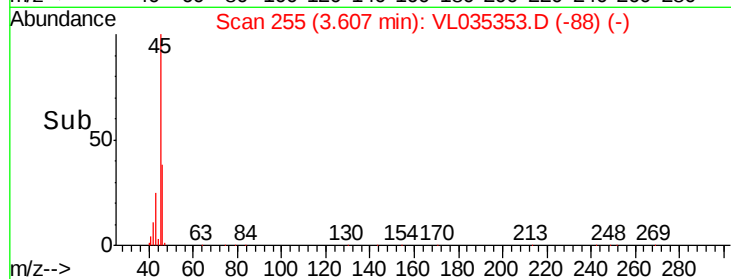
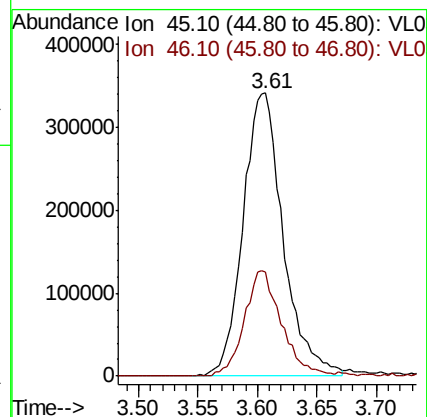
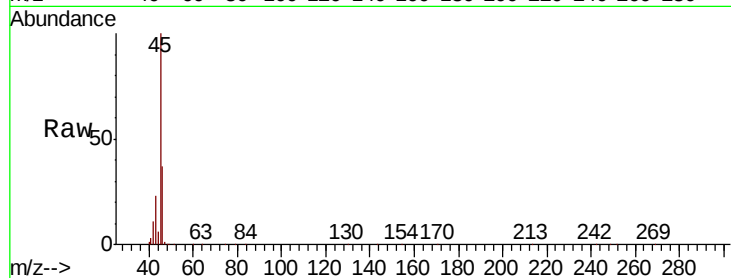
ClientSampleId :

Tot Ion: 45 Resp: 798132

Ion Ratio Lower Upper

45 100

46 35.2 15.2 61.0



#15

Acetone

Concen: 12.846 ppbv

RT: 3.81 min Scan# 317

Delta R.T. -0.01 min

Lab File: VL035353.D

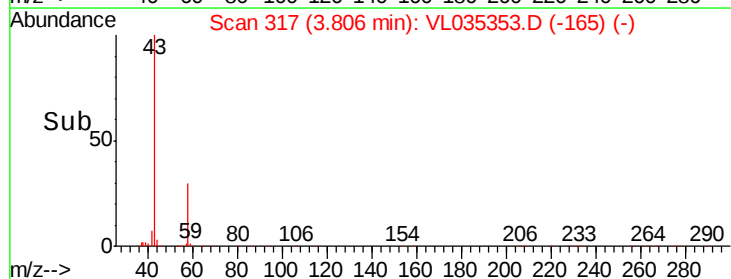
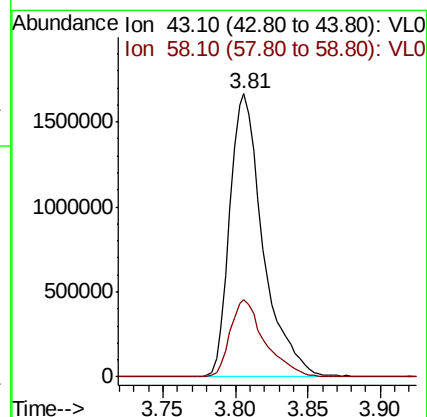
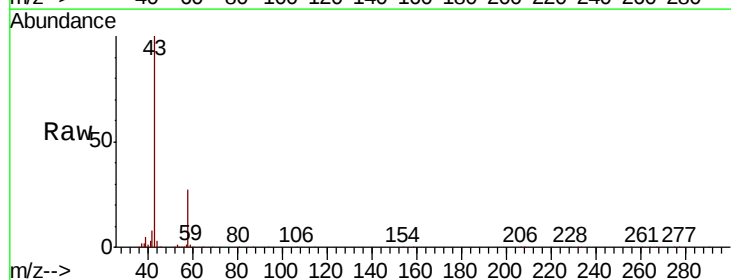
Acq: 6 Aug 2020 17:11

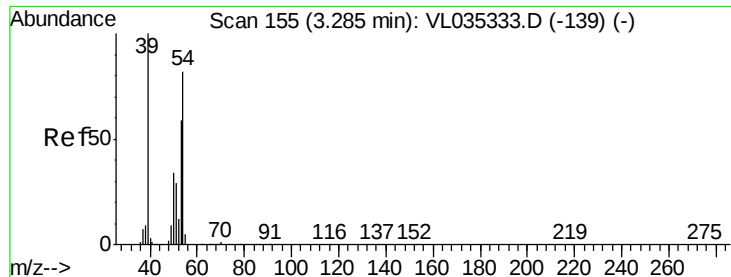
Tgt Ion: 43 Resp: 2655819

Ion Ratio Lower Upper

43 100

58 28.4 21.0 31.4

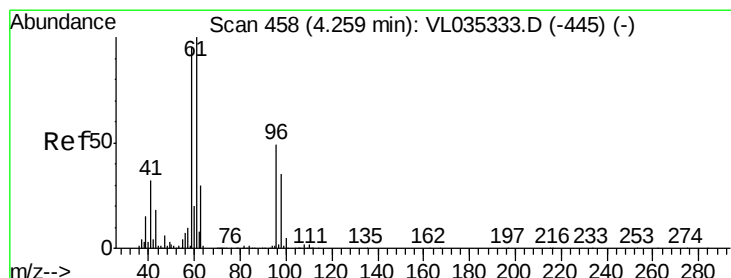
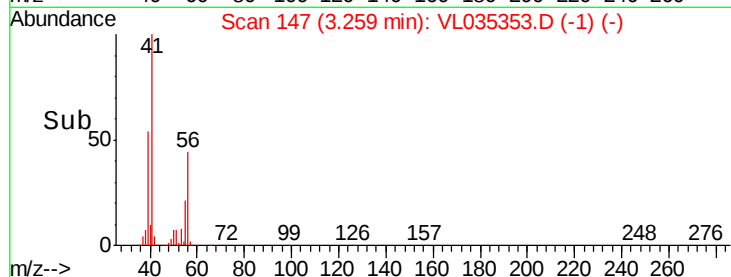
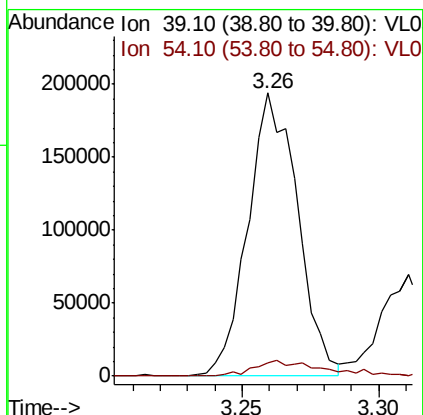
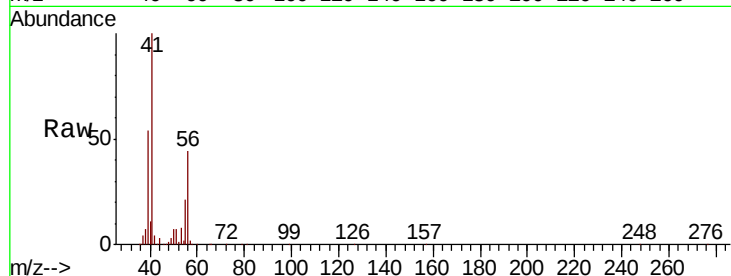




#16
1,3-Butadiene
Concen: 3.087 ppbv
RT: 3.26 min Scan# 147
Delta R.T. -0.03 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

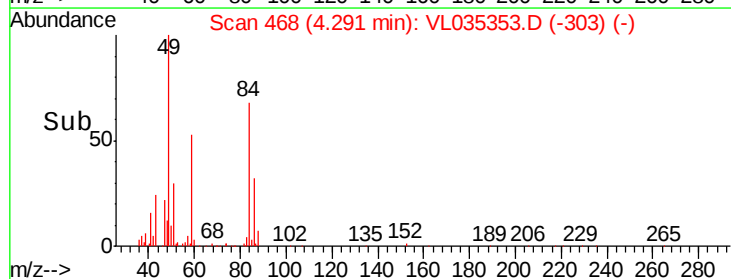
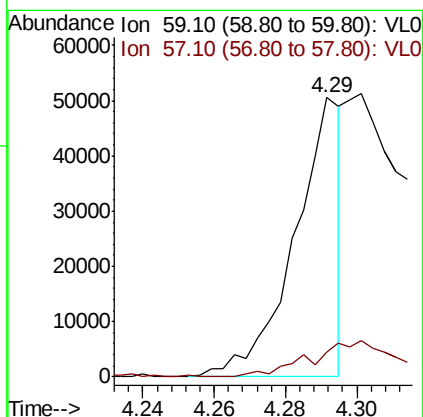
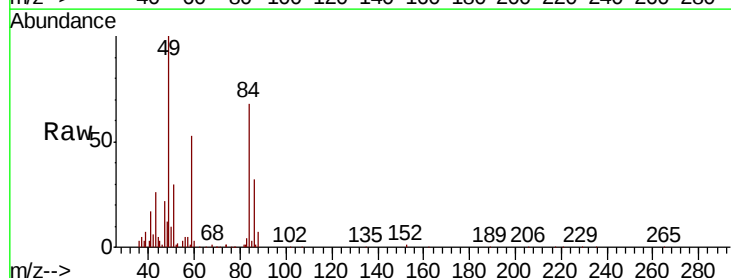
Instrument :
MSVOA_L
ClientSampled :

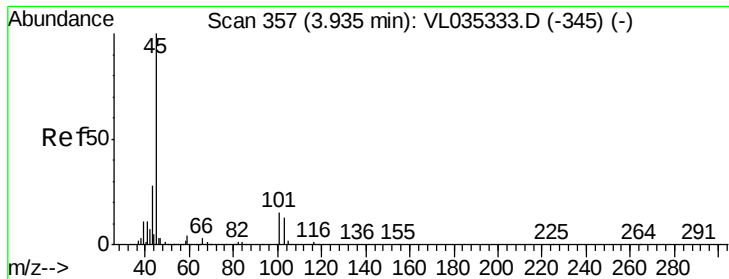
Tot Ion: 39 Resp: 245665
Ion Ratio Lower Upper
39 100
54 7.8 64.4 96.6#



#17
tert-Butyl alcohol
Concen: 0.240 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.03 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

Tgt Ion: 59 Resp: 45582
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



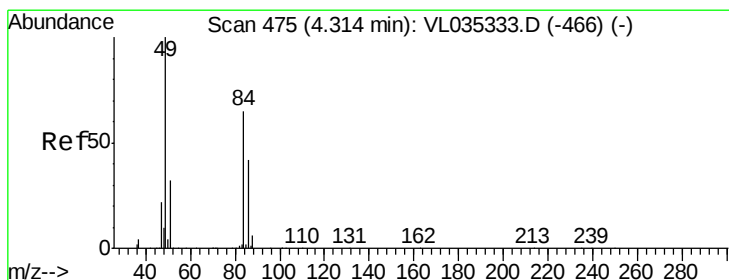
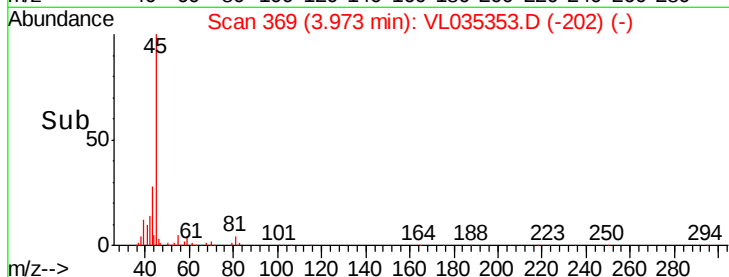
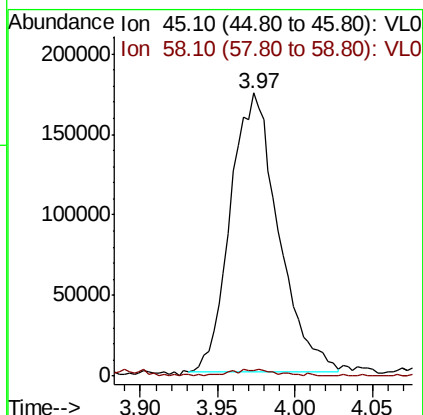
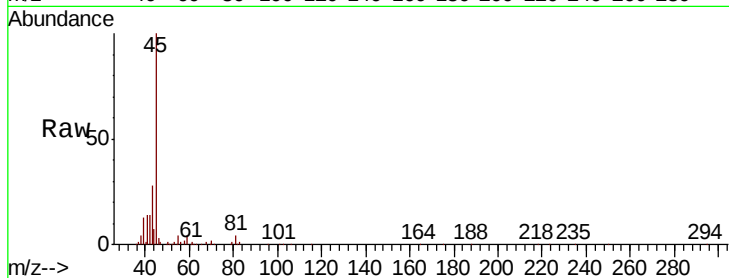


#19

Isopropyl Alcohol
 Concen: 2.843 ppbv
 RT: 3.97 min Scan# 369
 Delta R.T. 0.04 min
 Lab File: VL035353.D
 Acq: 6 Aug 2020 17:11

Instrument :
 MSVOA_L
 ClientSampleId :

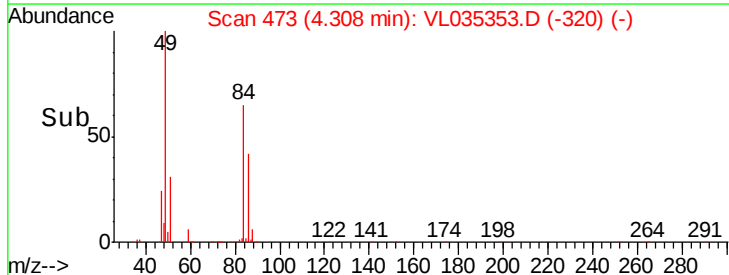
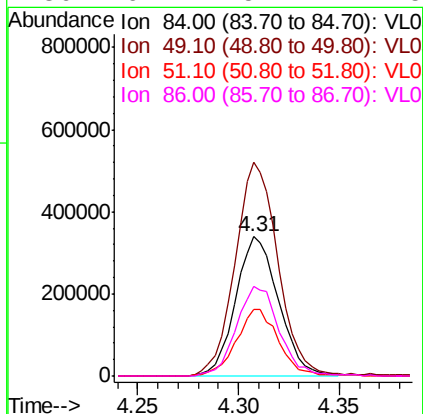
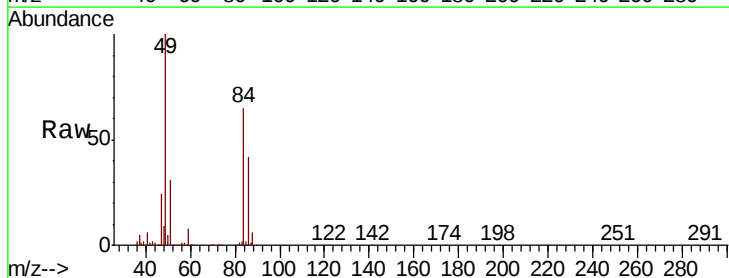
Tot Ion: 45 Resp: 372536
 Ion Ratio Lower Upper
 45 100
 58 202.0 1.9 2.9#

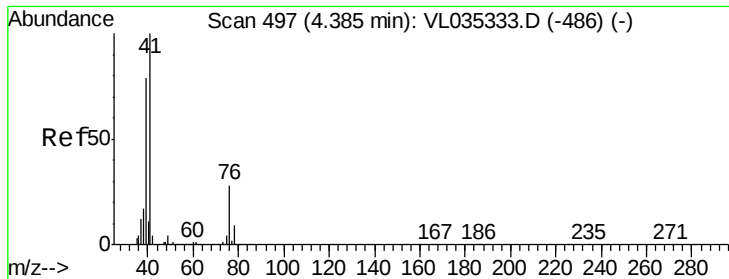


#20

Methylene Chloride
 Concen: 5.977 ppbv
 RT: 4.31 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: VL035353.D
 Acq: 6 Aug 2020 17:11

Tgt Ion: 84 Resp: 503888
 Ion Ratio Lower Upper
 84 100
 49 153.5 122.8 184.2
 51 48.2 40.1 60.1
 86 64.7 51.7 77.5





#21

Allvl Chloride

Concen: 0.142 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.06 min

Lab File: VL035353.D

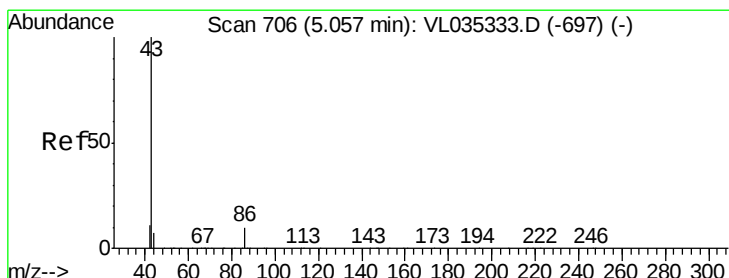
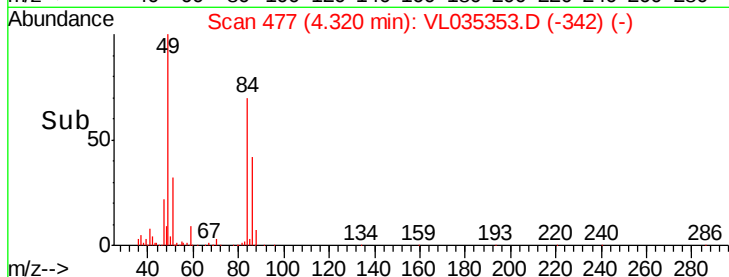
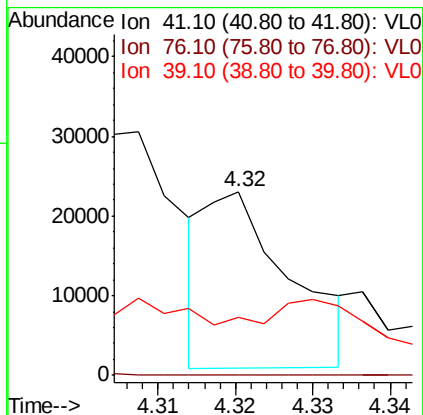
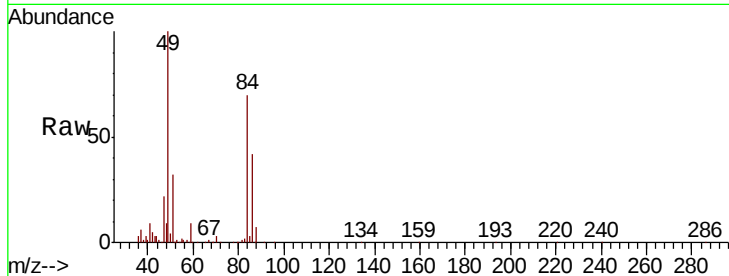
Acq: 6 Aug 2020 17:11

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	41	Resp:	16857
Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.8	35.6#
39	0.0	65.0	97.6#



#23

Vinyl Acetate

Concen: 0.627 ppbv

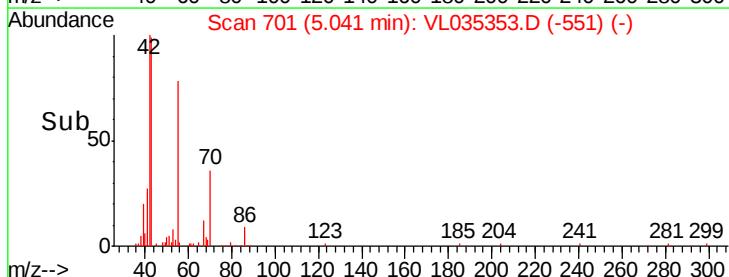
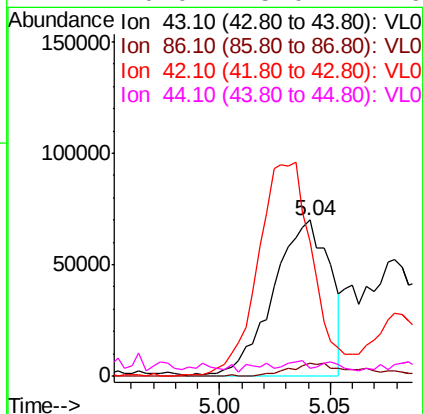
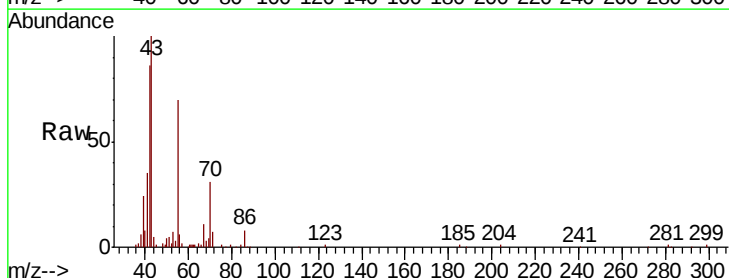
RT: 5.04 min Scan# 701

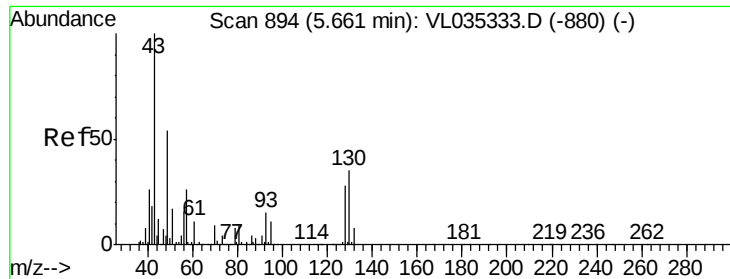
Delta R.T. -0.02 min

Lab File: VL035353.D

Acq: 6 Aug 2020 17:11

Tgt Ion:	43	Resp:	124376
Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.9	10.3
42	90.3	8.8	13.2#
44	0.0	5.0	7.6#

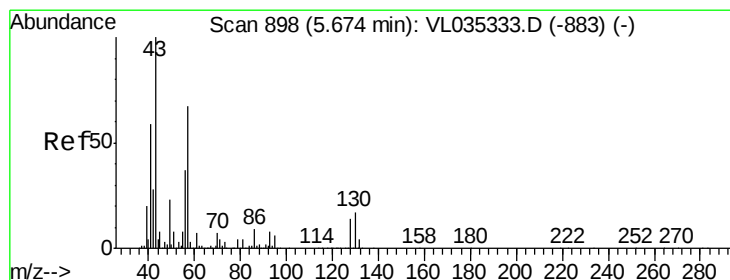
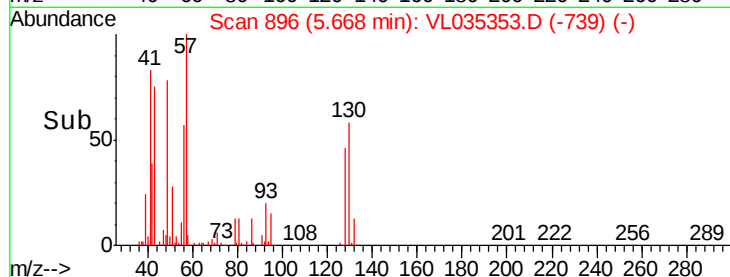
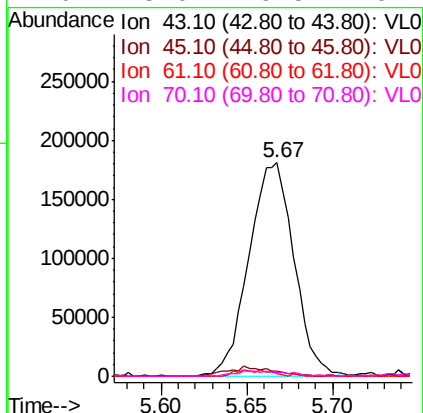
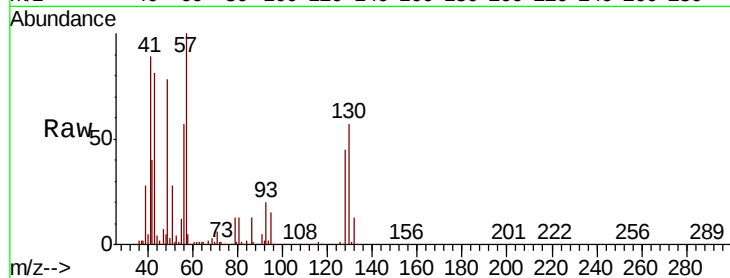




#25
Ethyl Acetate
Concen: 1.049 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.01 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

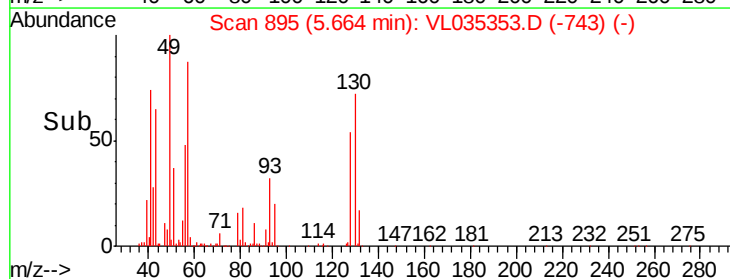
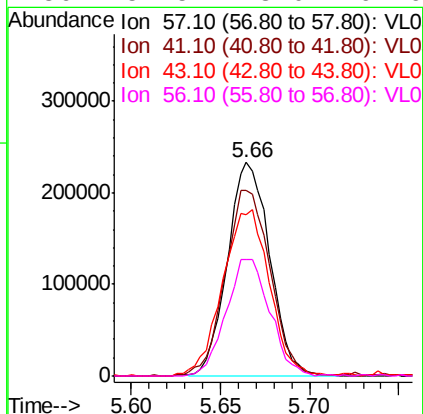
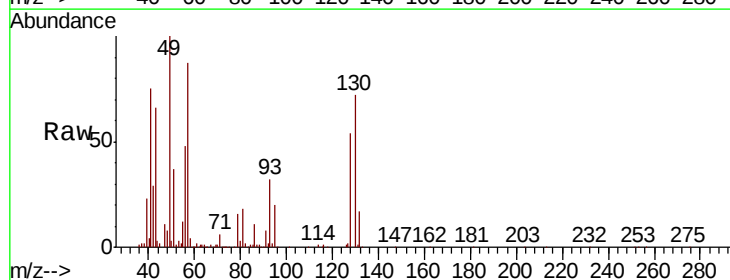
Instrument :
MSVOA_L
ClientSampled :

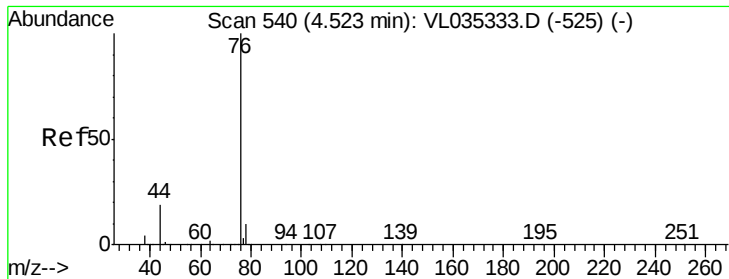
Tot Ion:	43	Resp:	329405
Ion	Ratio	Lower	Upper
43	100		
45	4.9	8.5	12.7#
61	2.7	8.1	12.1#
70	3.0	6.5	9.7#



#26
Hexane
Concen: 2.815 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

Tgt Ion:	57	Resp:	383604
Ion	Ratio	Lower	Upper
57	100		
41	93.9	75.2	112.8
43	85.7	180.6	270.8#
56	57.5	43.0	64.6





#27

Carbon Disulfide

Concen: 0.176 ppbv

RT: 4.52 min Scan# 539

Delta R.T. -0.00 min

Lab File: VL035353.D

Acq: 6 Aug 2020 17:11

Instrument :

MSVOA_L

ClientSampled :

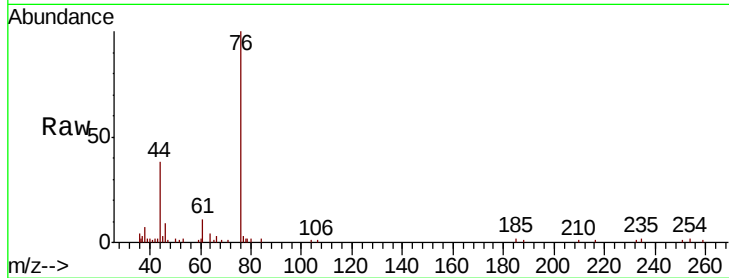
Tot Ion: 76 Resp: 33526

Ion Ratio Lower Upper

76 100

44 37.4 15.4 23.2#

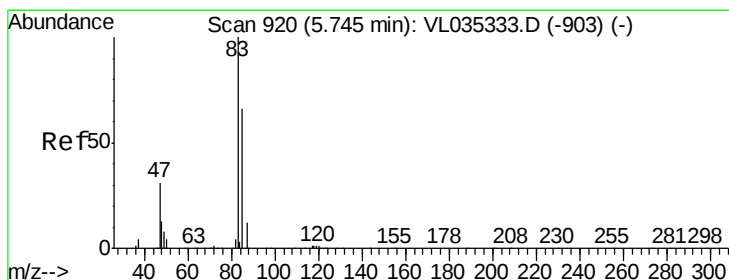
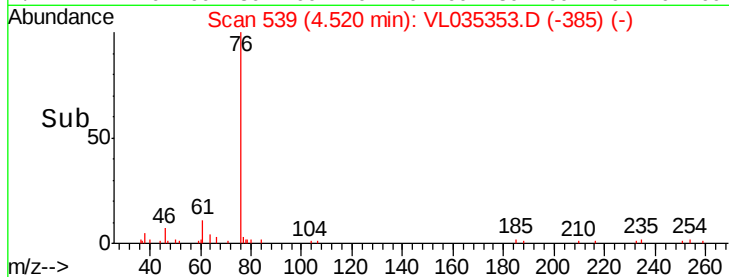
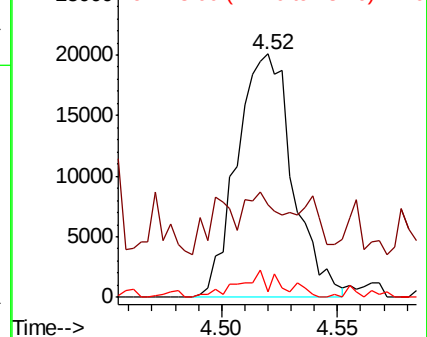
78 8.0 7.7 11.5



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: 1.523 ppbv

RT: 5.74 min Scan# 917

Delta R.T. -0.01 min

Lab File: VL035353.D

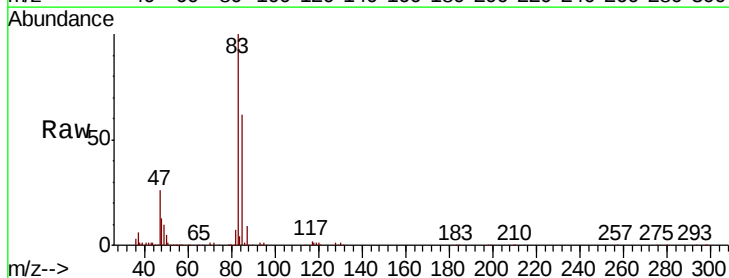
Acq: 6 Aug 2020 17:11

Tgt Ion: 83 Resp: 357838

Ion Ratio Lower Upper

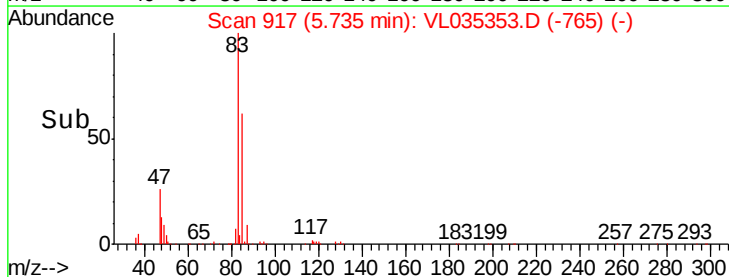
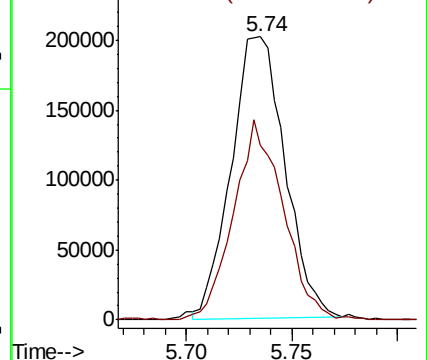
83 100

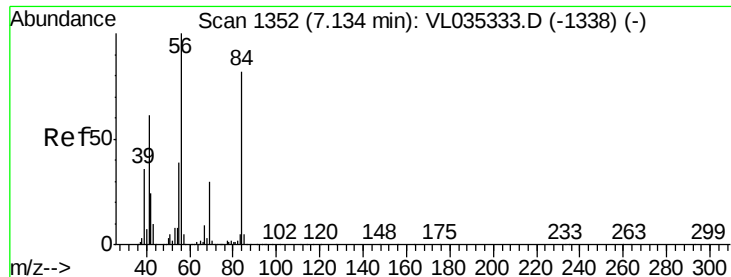
85 61.4 52.9 79.3



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

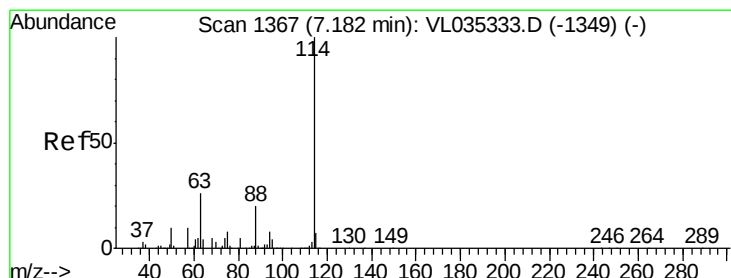
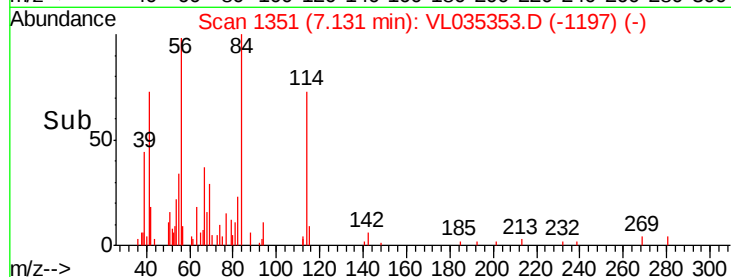
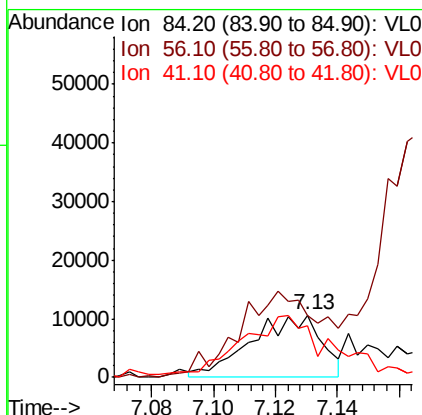
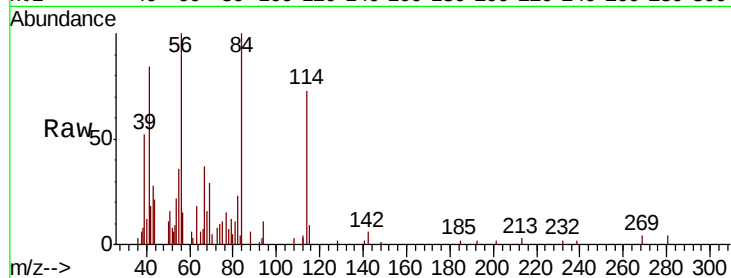




#30
Cyclohexane
Concen: 0.162 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.00 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

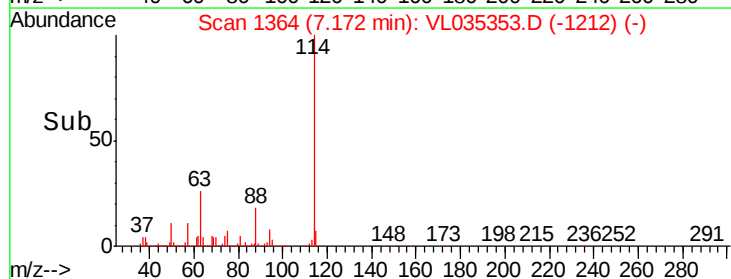
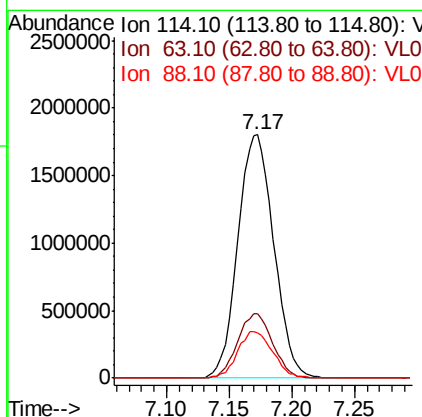
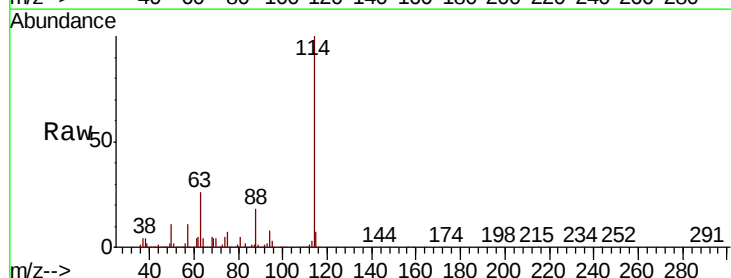
Instrument :
MSVOA_L
ClientSampleId :

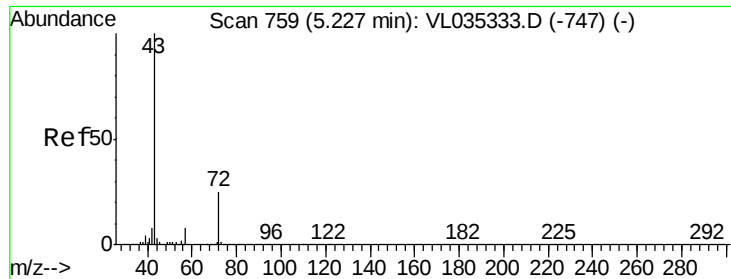
Tot Ion: 84 Resp: 16708
Ion Ratio Lower Upper
84 100
56 0.0 104.7 157.1#
41 137.0 64.2 96.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

Tgt Ion: 114 Resp: 3587933
Ion Ratio Lower Upper
114 100
63 26.0 21.3 31.9
88 18.8 15.3 22.9

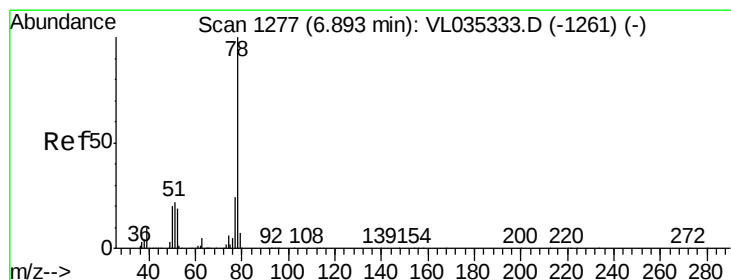
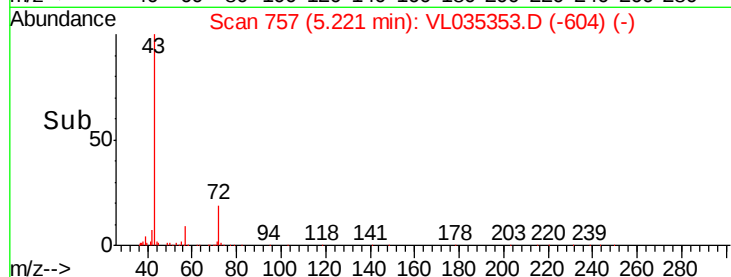
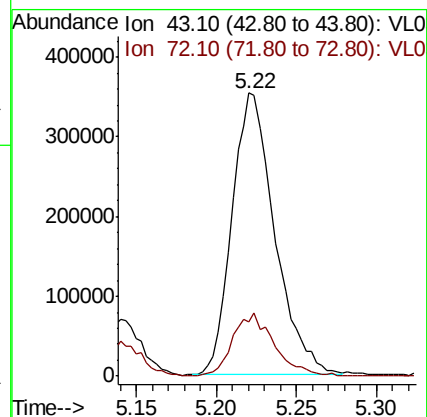
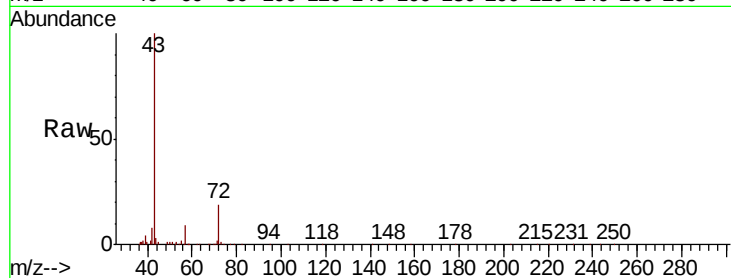




#34
2-Butanone
Concen: 3.647 ppbv
RT: 5.22 min Scan# 757
Delta R.T. -0.01 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

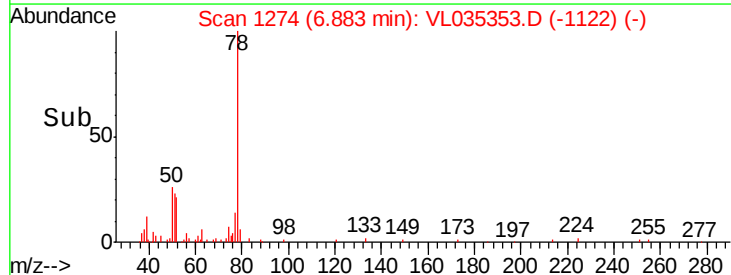
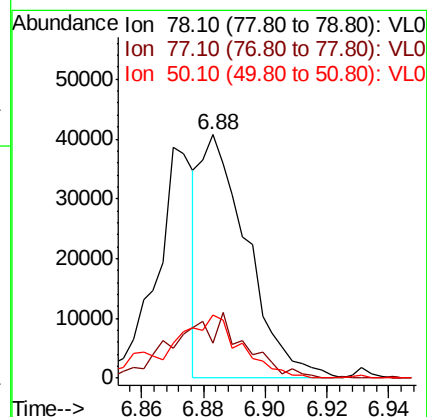
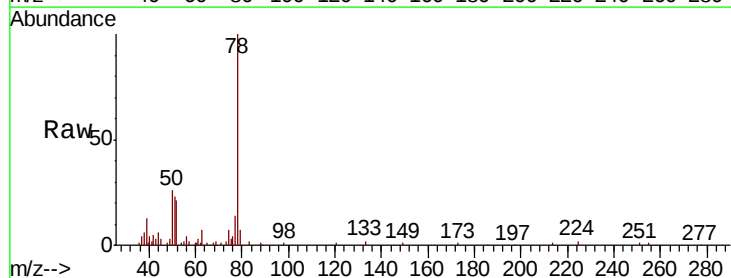
Instrument :
MSVOA_L
ClientSampleId :

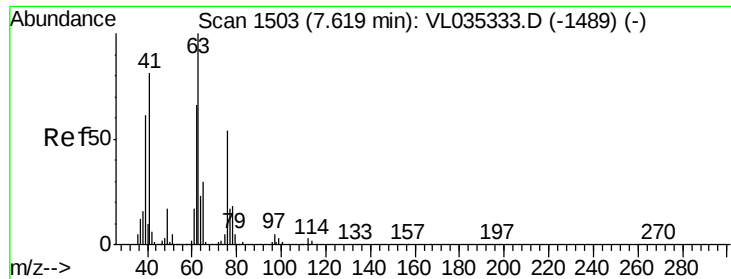
Tot Ion: 43 Resp: 644255
Ion Ratio Lower Upper
43 100
72 21.7 18.9 28.3



#36
Benzene
Concen: 0.176 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

Tgt Ion: 78 Resp: 42713
Ion Ratio Lower Upper
78 100
77 13.8 19.3 28.9#
50 24.8 16.3 24.5#





#39

1,2-Dichloropropane

Concen: 9.464 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.45 min

Lab File: VL035353.D

Acq: 6 Aug 2020 17:11

Instrument :

MSVOA_L

ClientSampleId :

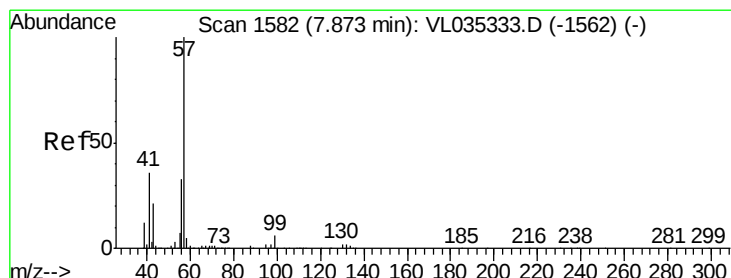
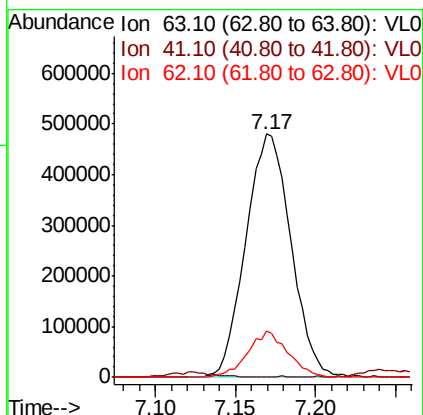
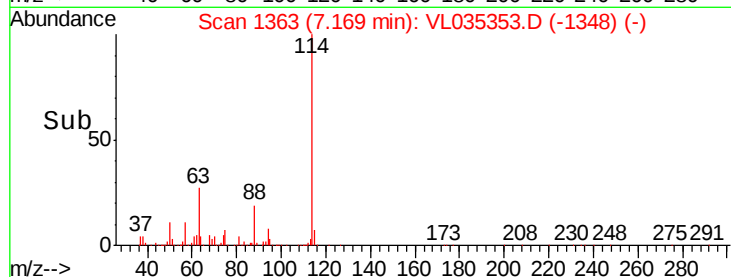
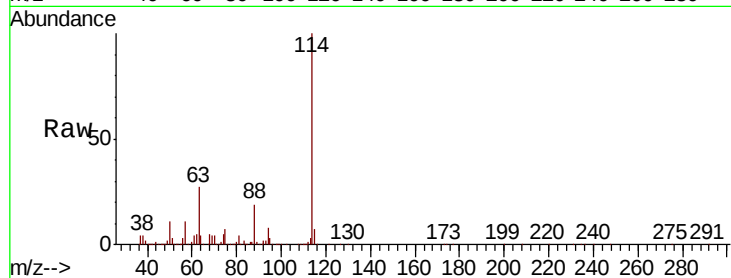
Tot Ion: 63 Resp: 928227

Ion Ratio Lower Upper

63 100

41 0.0 64.4 96.6#

62 18.8 52.6 78.8#



#44

2,2,4-Trimethylpentane

Concen: 0.140 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.01 min

Lab File: VL035353.D

Acq: 6 Aug 2020 17:11

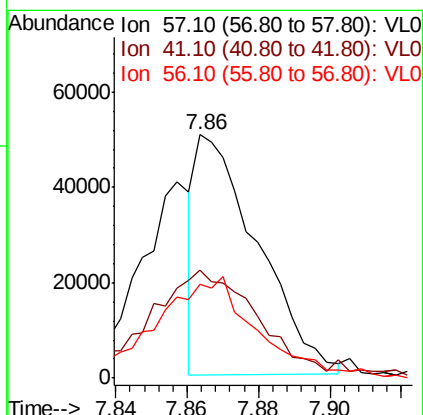
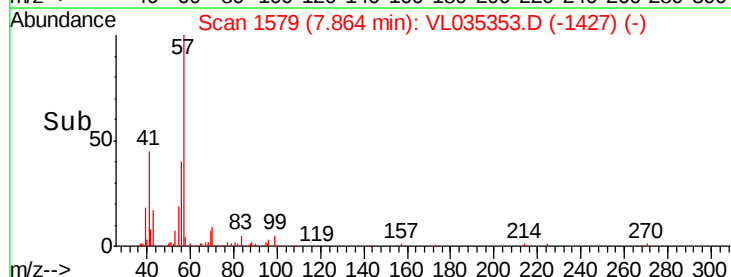
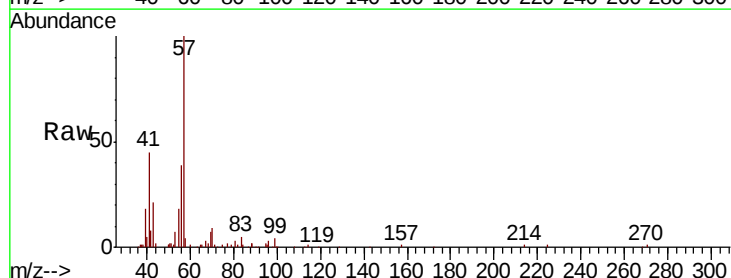
Tgt Ion: 57 Resp: 60165

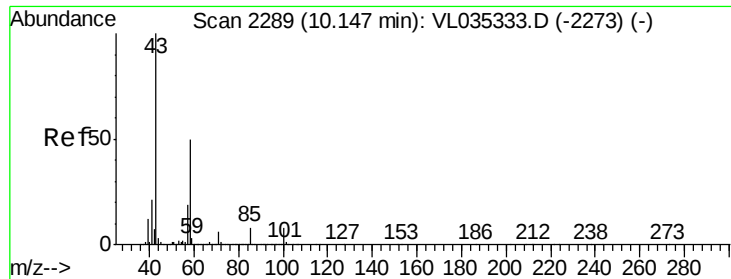
Ion Ratio Lower Upper

57 100

41 80.8 27.9 41.9#

56 71.1 25.4 38.0#

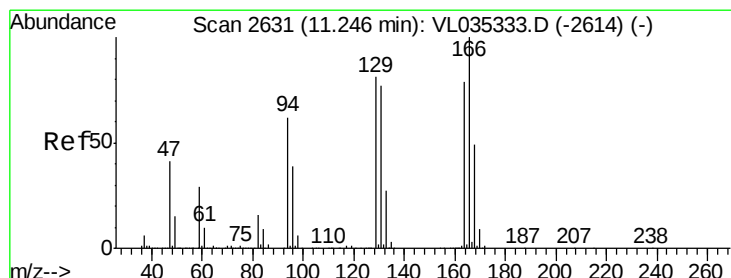
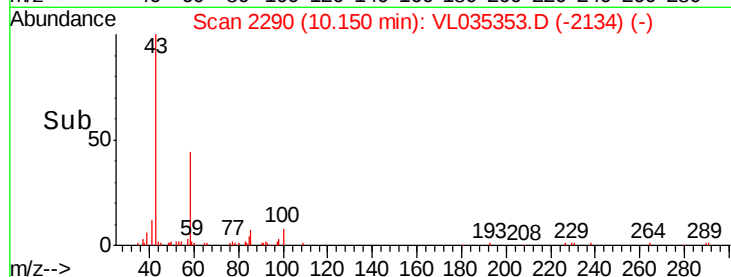
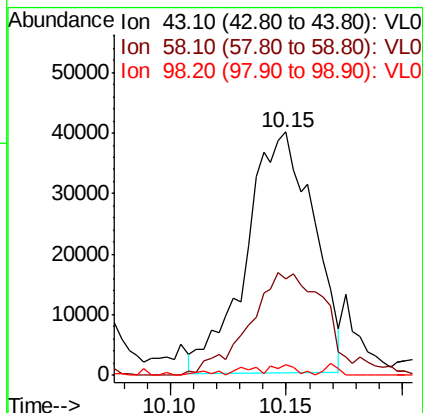
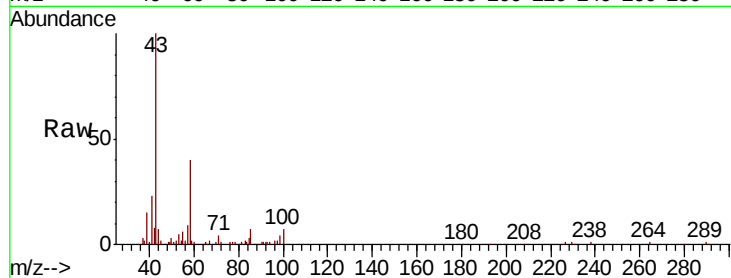




#51
2-Hexanone
Concen: 0.381 ppbv
RT: 10.15 min Scan# 2290
Delta R.T. 0.00 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

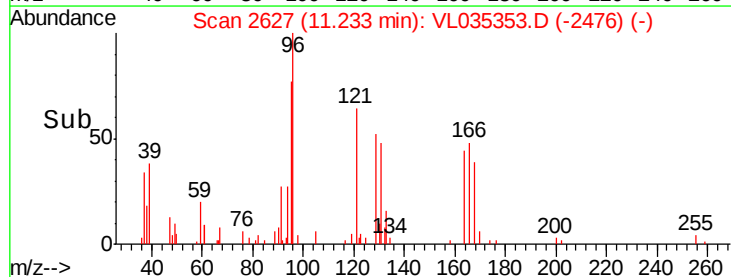
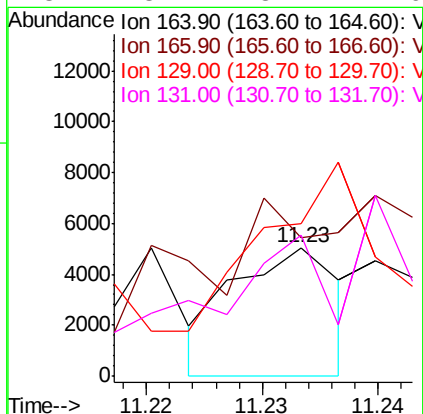
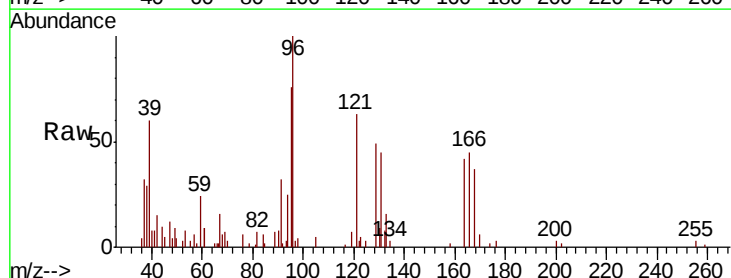
Instrument :
MSVOA_L
ClientSampled :

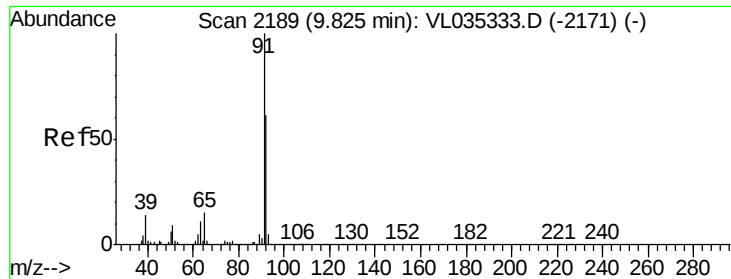
Tot Ion: 43 Resp: 80654
Ion Ratio Lower Upper
43 100
58 50.2 39.4 59.2
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.033 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. -0.01 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

Tgt Ion:164 Resp: 3193
Ion Ratio Lower Upper
164 100
166 28.8 101.4 152.0#
129 138.0 82.1 123.1#
131 113.2 78.4 117.6





#53

Toluene

Concen: 3.883 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: VL035353.D

Acq: 6 Aug 2020 17:11

Instrument :

MSVOA_L

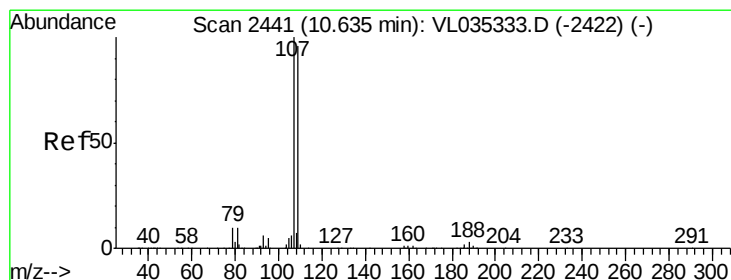
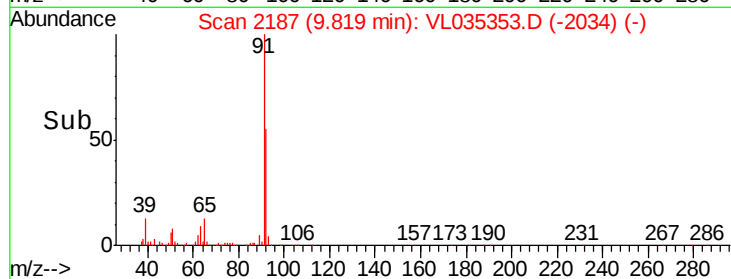
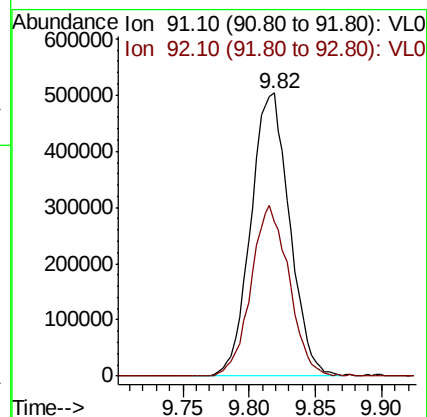
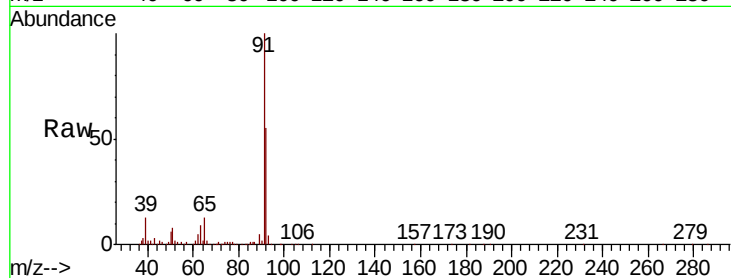
ClientSampleId :

Tot Ion: 91 Resp: 1023414

Ion Ratio Lower Upper

91 100

92 59.2 48.5 72.7



#54

1,2-Dibromoethane

Concen: 1.553 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.03 min

Lab File: VL035353.D

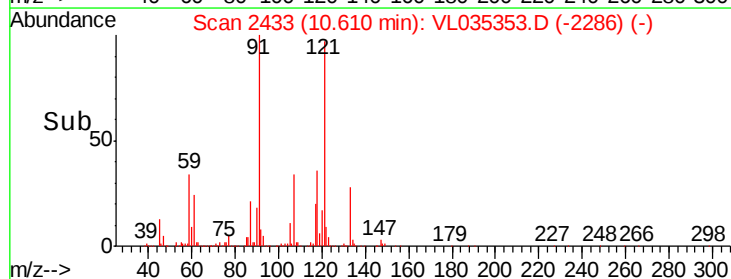
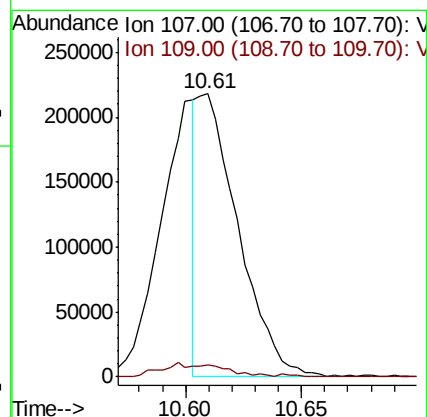
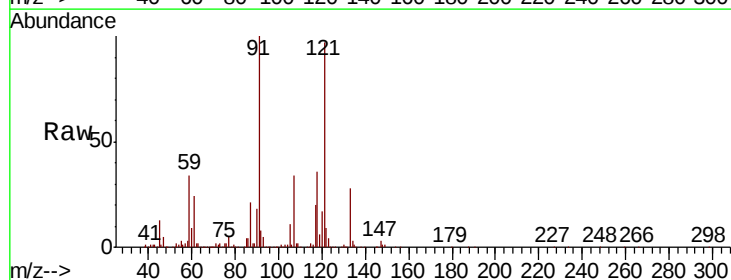
Acq: 6 Aug 2020 17:11

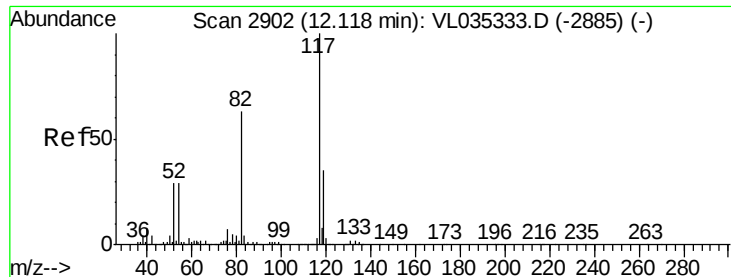
Tgt Ion: 107 Resp: 262834

Ion Ratio Lower Upper

107 100

109 4.4 76.8 115.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. -0.01 min

Lab File: VL035353.D

Acq: 6 Aug 2020 17:11

Instrument :

MSVOA_L

ClientSampleId :

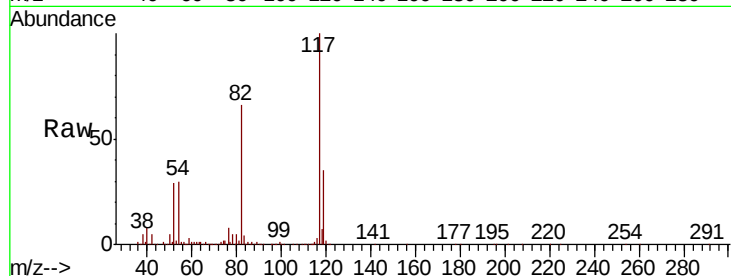
Tot Ion:117 Resp: 3421470

Ion Ratio Lower Upper

117 100

82 66.6 51.0 76.4

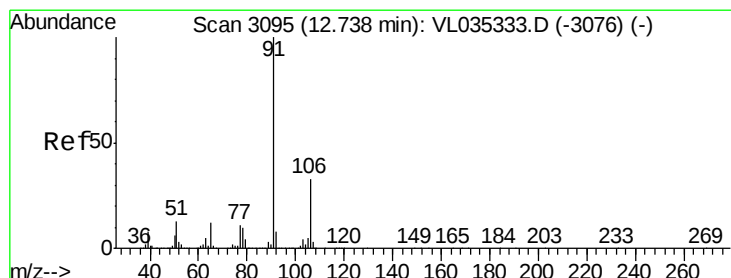
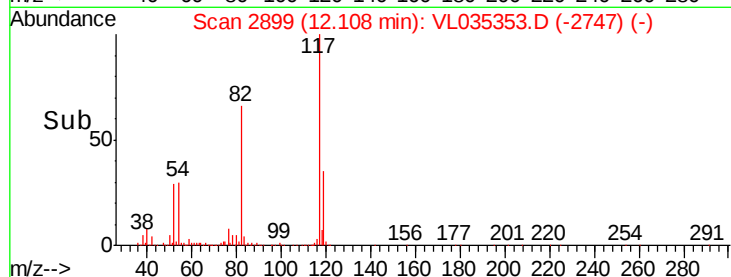
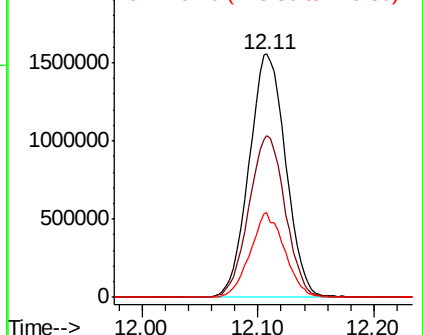
119 32.9 24.7 37.1



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 0.204 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. -0.01 min

Lab File: VL035353.D

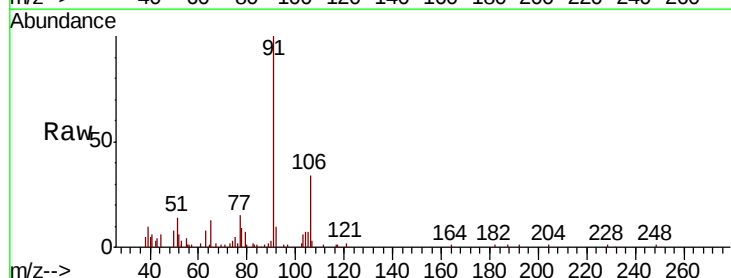
Acq: 6 Aug 2020 17:11

Tgt Ion: 91 Resp: 72805

Ion Ratio Lower Upper

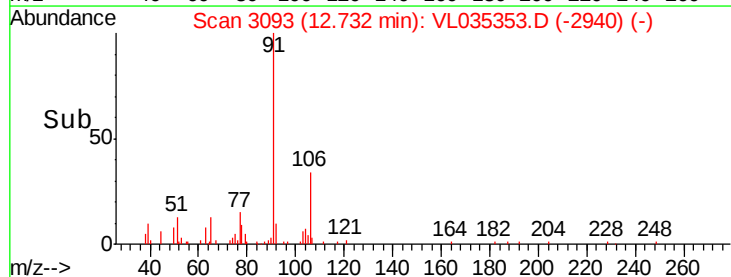
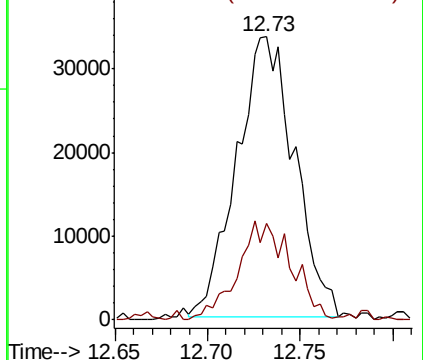
91 100

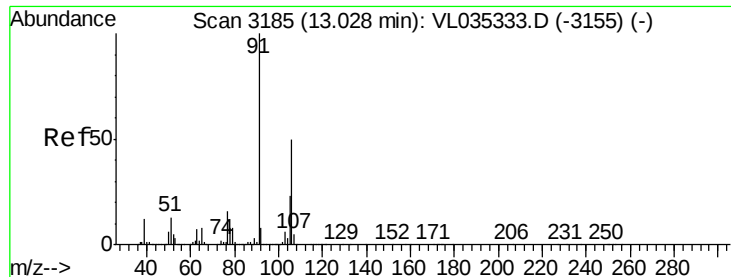
106 34.6 26.8 40.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

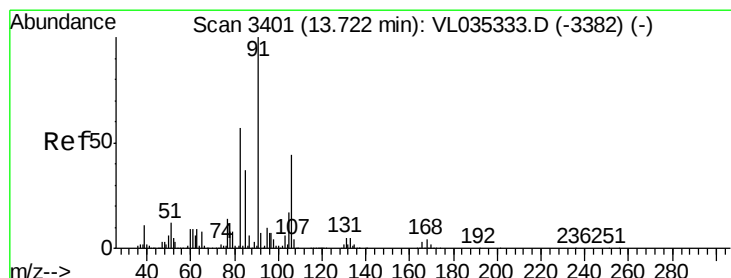
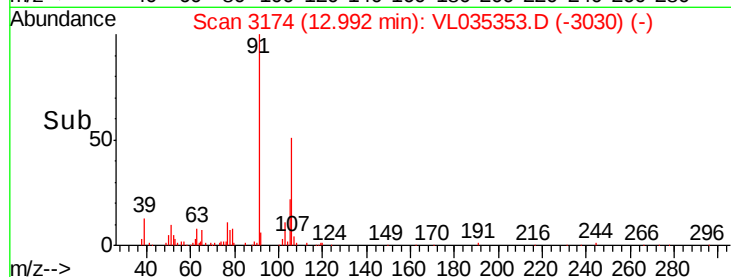
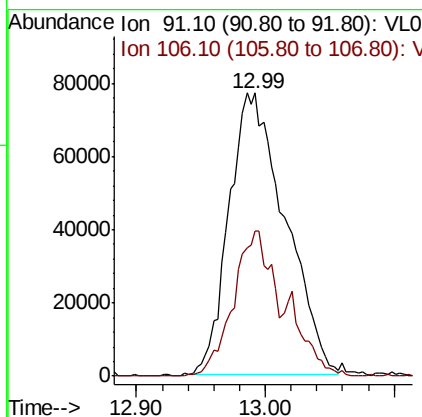
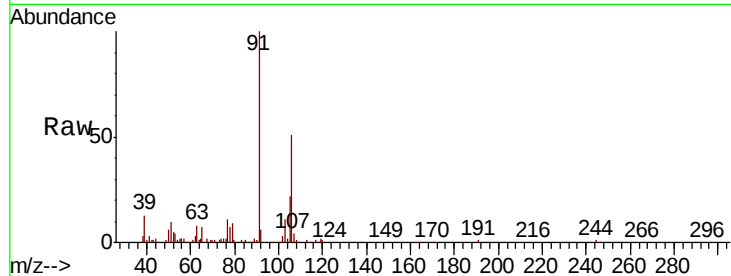




#59
m/p-Xylene
Concen: 0.700 ppbv
RT: 12.99 min Scan# 3174
Delta R.T. -0.04 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

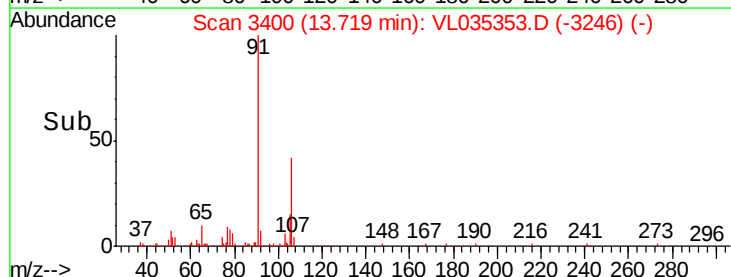
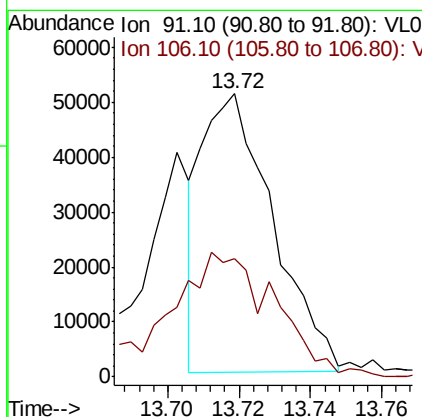
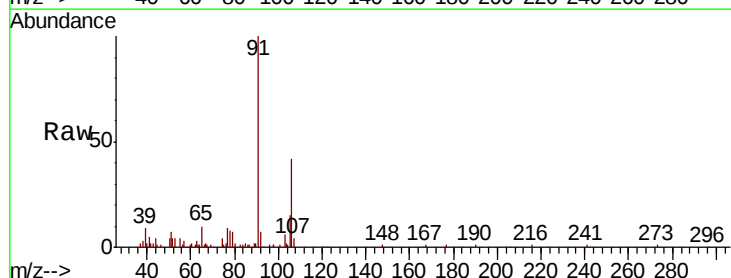
Instrument :
MSVOA_L
ClientSampled :

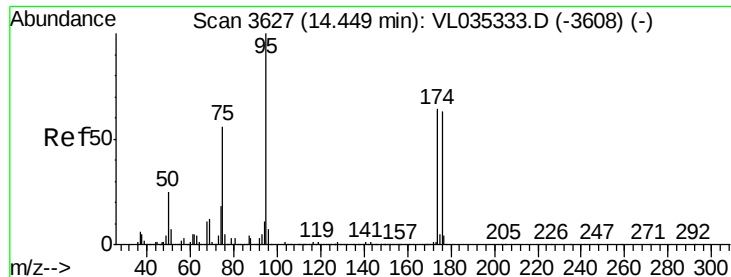
Tot Ion: 91 Resp: 232013
Ion Ratio Lower Upper
91 100
106 46.5 37.8 56.8



#60
o-Xylene
Concen: 0.213 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. -0.00 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

Tgt Ion: 91 Resp: 70043
Ion Ratio Lower Upper
91 100
106 67.1 22.7 68.0

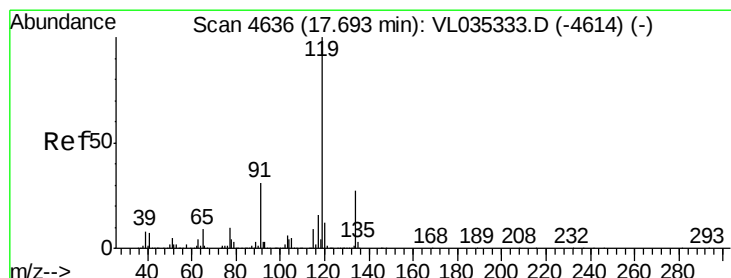
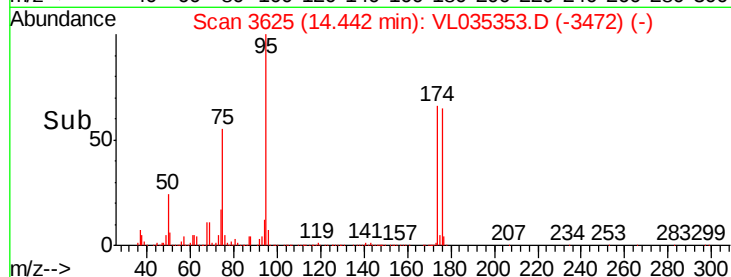
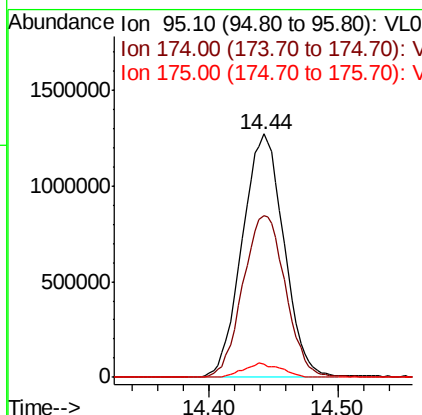
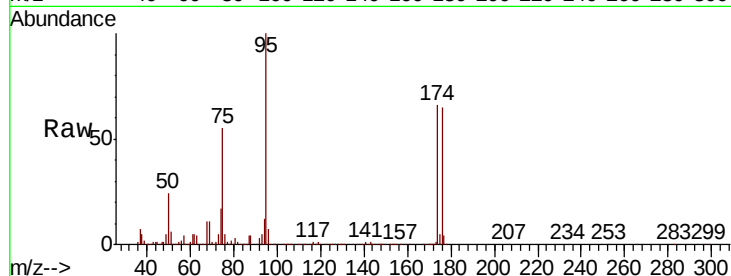




#68
1-Bromo-4-Fluorobenzene
Concen: 10.030 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

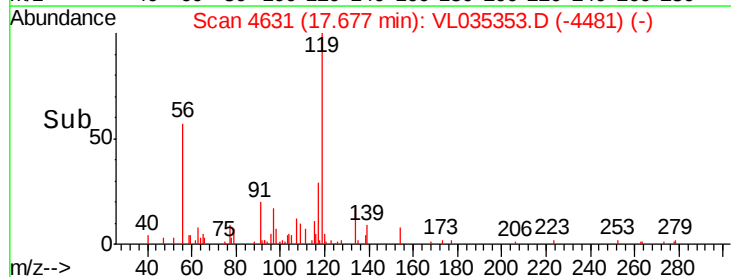
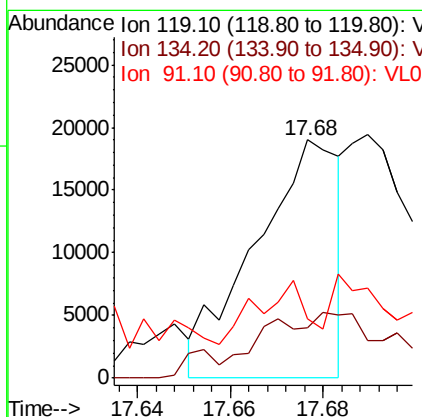
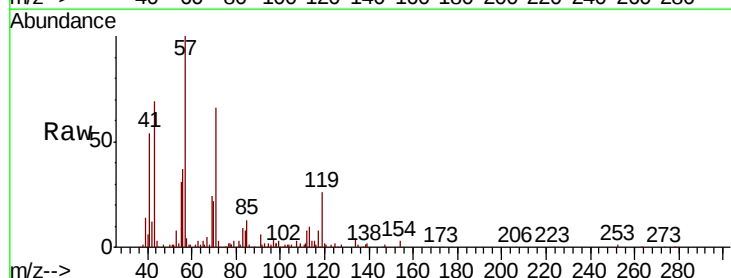
Instrument :
MSVOA_L
ClientSampleId :

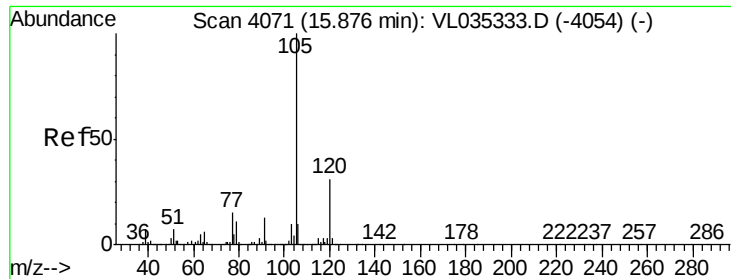
Tot Ion: 95 Resp: 2861872
Ion Ratio Lower Upper
95 100
174 68.5 53.5 80.3
175 5.3 4.2 6.2



#69
p-Isopropyltoluene
Concen: 0.046 ppbv
RT: 17.68 min Scan# 4631
Delta R.T. -0.02 min
Lab File: VL035353.D
Acq: 6 Aug 2020 17:11

Tgt Ion: 119 Resp: 23851
Ion Ratio Lower Upper
119 100
134 48.1 21.1 31.7#
91 123.7 24.5 36.7#





#72

4-Ethyltoluene

Concen: 0.084 ppbv

RT: 15.86 min Scan# 4066

Delta R.T. -0.02 min

Lab File: VL035333.D

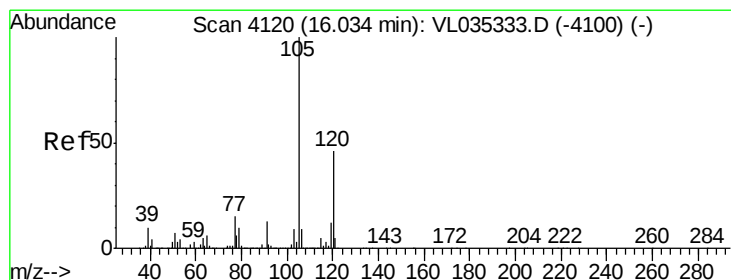
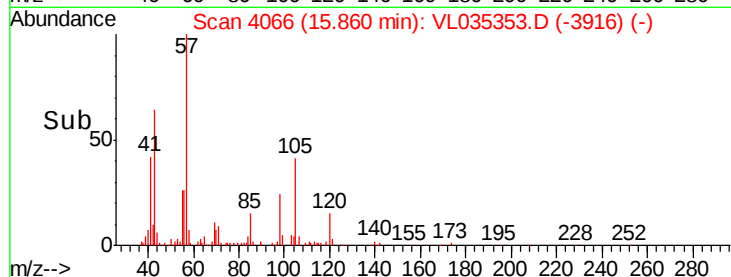
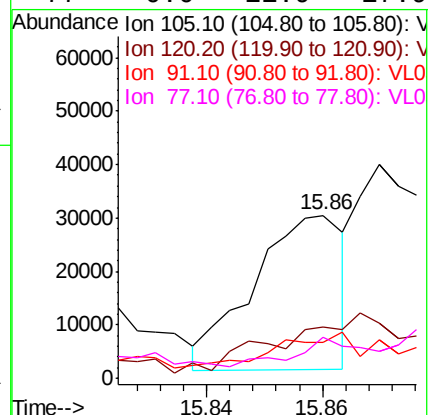
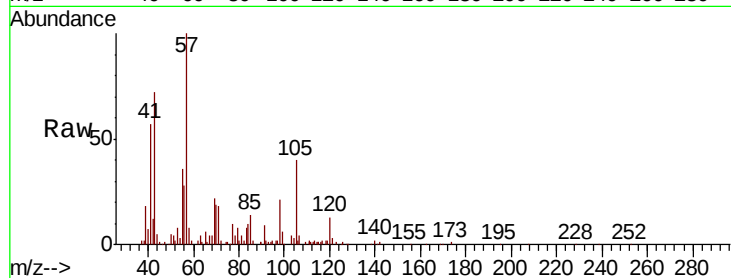
Acq: 6 Aug 2020 17:11

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:105	Resp:	31420
Ion Ratio	Lower	Upper
105	100	
120	0.0	24.0 36.0#
91	0.0	10.8 16.2#
77	0.0	11.9 17.9#



#73

1,3,5-Trimethylbenzene

Concen: 0.047 ppbv

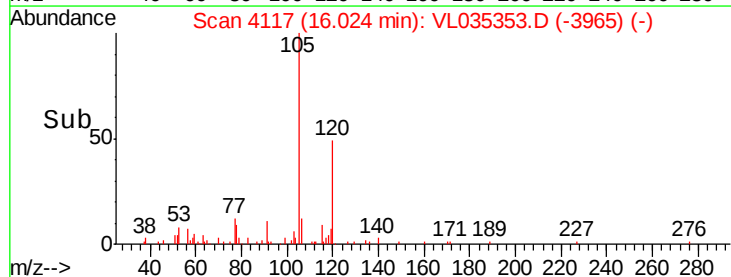
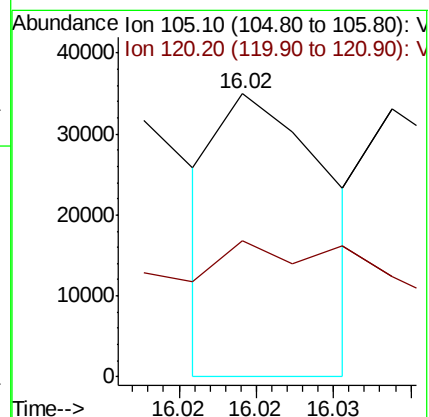
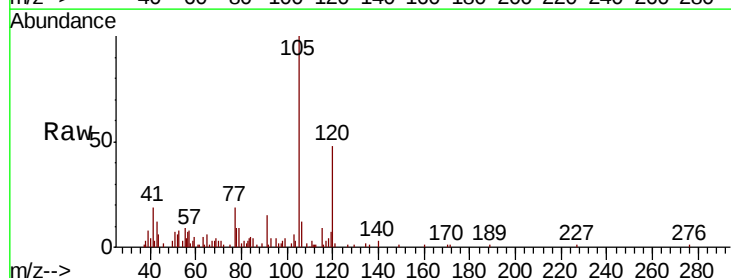
RT: 16.02 min Scan# 4117

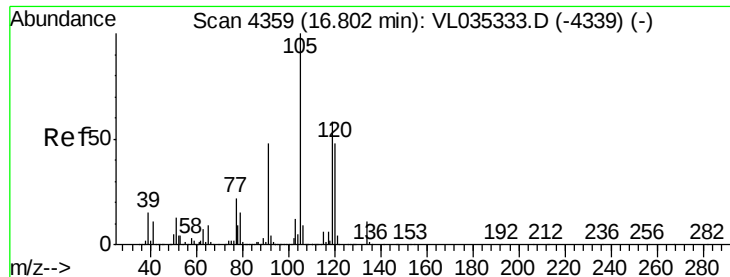
Delta R.T. -0.01 min

Lab File: VL035333.D

Acq: 6 Aug 2020 17:11

Tgt Ion:105	Resp:	17089
Ion Ratio	Lower	Upper
105	100	
120	43.5	36.9 55.3





#74

1,2,4-Trimethylbenzene

Concen: 0.691 ppbv

RT: 16.79 min Scan# 4356

Delta R.T. -0.01 min

Lab File: VL035353.D

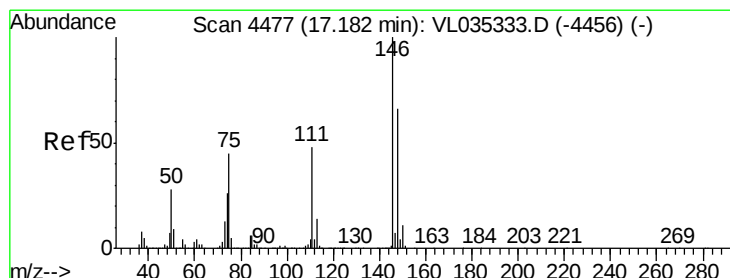
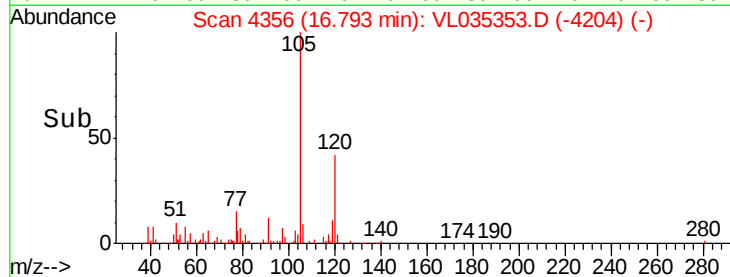
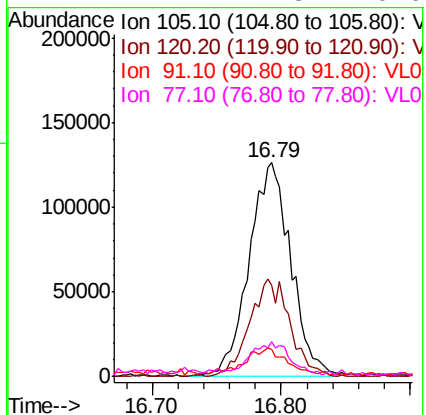
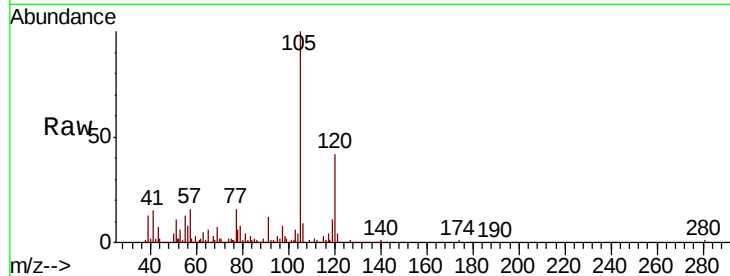
Acq: 6 Aug 2020 17:11

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	284375
Ion	Ratio	Lower	Upper
105	100		
120	42.1	38.5	57.7
91	11.7	39.0	58.6#
77	14.4	17.8	26.6#



#76

1,4-Dichlorobenzene

Concen: 0.084 ppbv

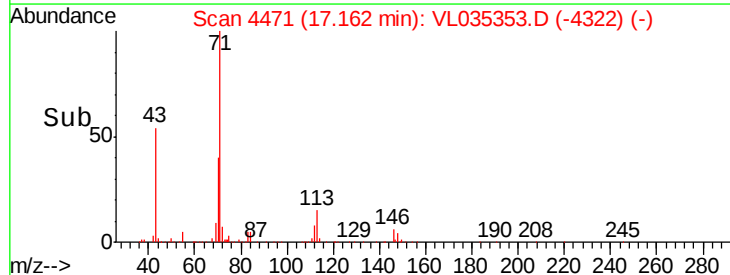
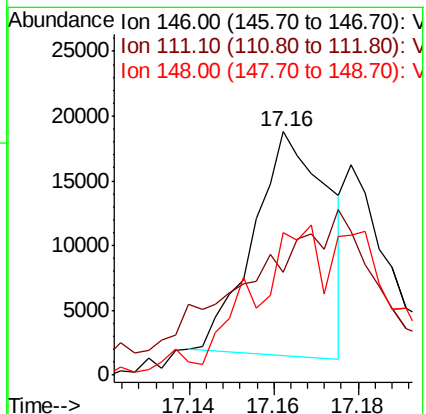
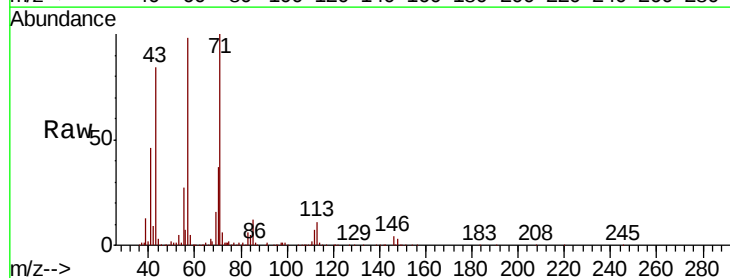
RT: 17.16 min Scan# 4471

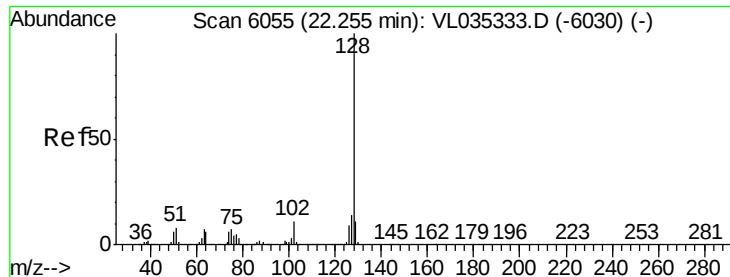
Delta R.T. -0.02 min

Lab File: VL035353.D

Acq: 6 Aug 2020 17:11

Tgt Ion:	146	Resp:	21037
Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.3	69.9#
148	0.0	32.1	96.5#





#79

Naphthalene

Concen: 0.163 ppbv

RT: 22.24 min Scan# 6051

Delta R.T. -0.01 min

Lab File: VL035353.D

Acq: 6 Aug 2020 17:11

Instrument :

MSVOA_L

ClientSampleId :

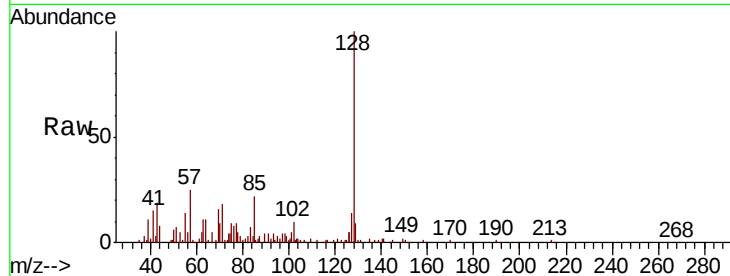
Tot Ion:128 Resp: 51503

Ion Ratio Lower Upper

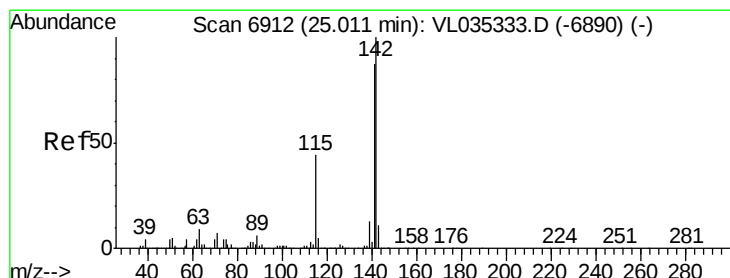
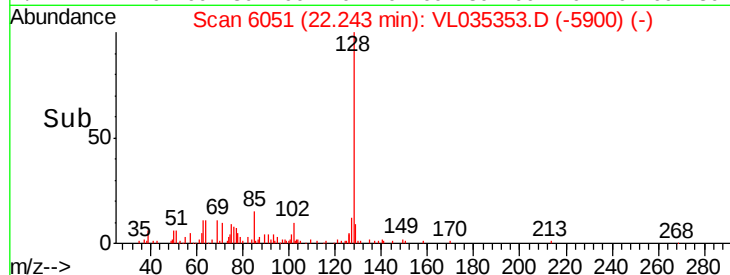
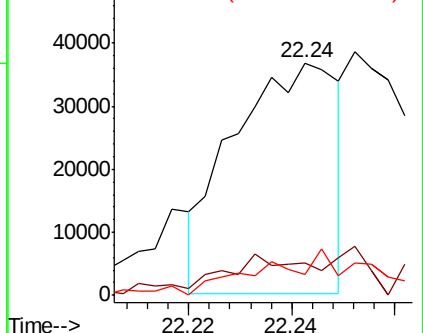
128 100

127 17.5 11.1 16.7#

129 14.3 8.7 13.1#



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 0.185 ppbv

RT: 25.00 min Scan# 6910

Delta R.T. -0.01 min

Lab File: VL035353.D

Acq: 6 Aug 2020 17:11

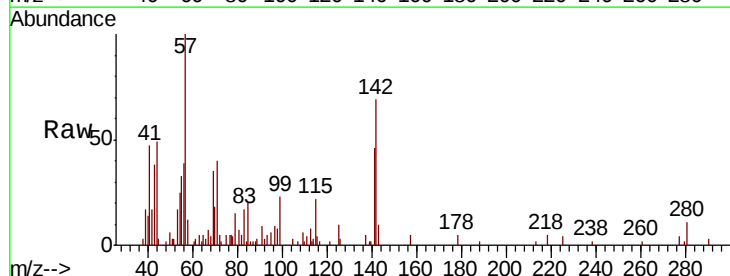
Tgt Ion:142 Resp: 13289

Ion Ratio Lower Upper

142 100

141 90.3 69.0 103.6

115 62.6 35.5 53.3#



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V

