

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082020\
 Data File : VL035479.D
 Acq On : 20 Aug 2020 17:48
 Operator : SY/AP
 Sample : L3743-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-3DL

Quant Time: Aug 21 06:00:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1088370	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	5036021	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4925674	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3541136	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

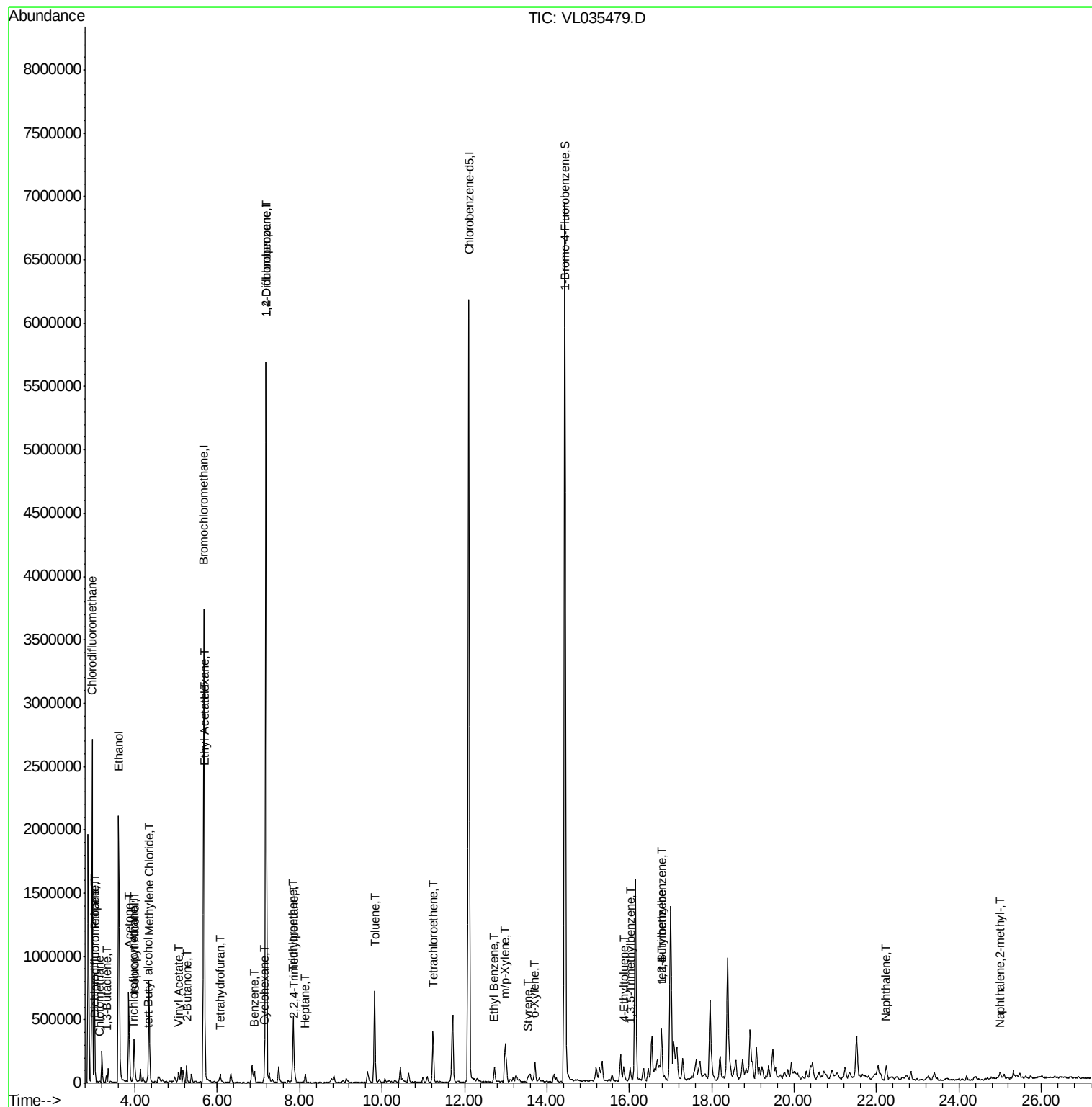
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	13367	0.066	ppbv	97
3) Chlorodifluoromethane	2.96	51	1492355	10.936	ppbv #	59
4) Chloromethane	3.14	50	7165	0.101	ppbv	95
9) Propene	3.02	41	220122	4.013	ppbv #	74
10) Heptane	8.13	43	23681	0.165	ppbv #	76
11) Trichlorofluoromethane	3.95	101	17934	0.057	ppbv	87
13) Ethanol	3.61	45	2374599	118.162	ppbv	98
15) Acetone	3.85	43	646819	5.163	ppbv #	79
16) 1,3-Butadiene	3.31	39	14235	0.280	ppbv #	38
17) tert-Butyl alcohol	4.31	59	45174	0.279	ppbv	99
19) Isopropyl Alcohol	3.98	45	392456	4.545	ppbv #	96
20) Methylene Chloride	4.35	84	357129	3.533	ppbv #	64
23) Vinyl Acetate	5.07	43	39305	0.219	ppbv #	32
25) Ethyl Acetate	5.69	43	96766	0.397	ppbv #	84
26) Hexane	5.69	57	156405	1.137	ppbv #	32
30) Cyclohexane	7.14	84	19124	0.125	ppbv #	17
34) 2-Butanone	5.25	43	119133	0.708	ppbv #	68
36) Benzene	6.90	78	42352	0.115	ppbv #	88
38) Trichloroethene	7.84	130	193880	0.943	ppbv #	83
39) 1,2-Dichloropropane	7.18	63	870657	7.147	ppbv #	23
41) Tetrahydrofuran	6.07	42	34627	0.373	ppbv #	66
44) 2,2,4-Trimethylpentane	7.88	57	70493	0.146	ppbv	92
52) Tetrachloroethene	11.24	164	113911	0.505	ppbv	85
53) Toluene	9.82	91	560921	1.178	ppbv	98
58) Ethyl Benzene	12.72	91	115164	0.194	ppbv	98
59) m/p-Xylene	12.99	91	344036	0.684	ppbv #	84
60) o-Xylene	13.71	91	130306	0.267	ppbv	91
61) Styrene	13.54	104	11994	0.030	ppbv #	26
65) tert-Butylbenzene	16.78	119	41297	0.053	ppbv #	91
72) 4-Ethyltoluene	15.86	105	83084	0.130	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.02	105	82508	0.138	ppbv	99
74) 1,2,4-Trimethylbenzene	16.78	105	335809	0.518	ppbv #	71
79) Naphthalene	22.23	128	114914	0.126	ppbv	97
80) Naphthalene,2-methyl-	25.00	142	33977	0.090	ppbv	94

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

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Instrument :

MSVOA_L

ClientSampled :

SSMP-3DL

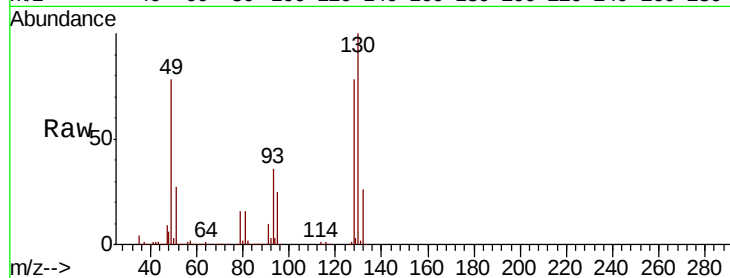
Tot Ion: 49 Resp: 1088370

Ion Ratio Lower Upper

49 100

128 102.9 20.9 62.7#

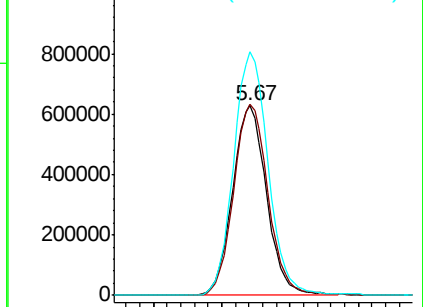
130 131.2 26.7 80.1#



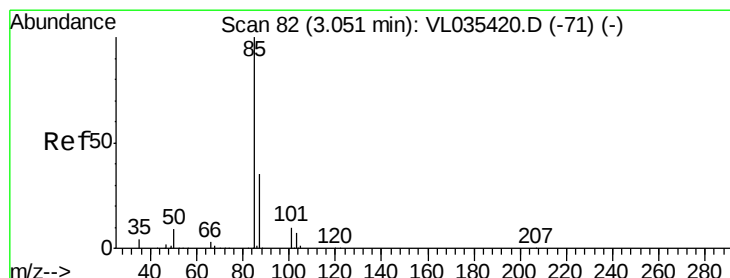
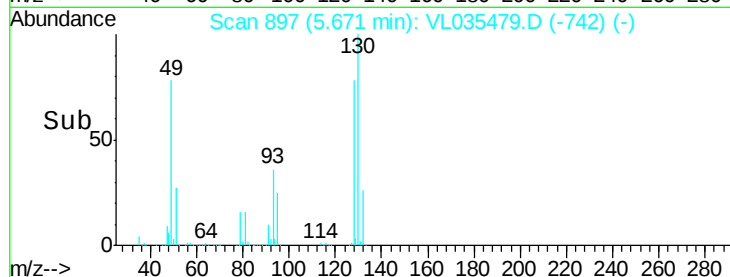
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 0.066 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL035479.D

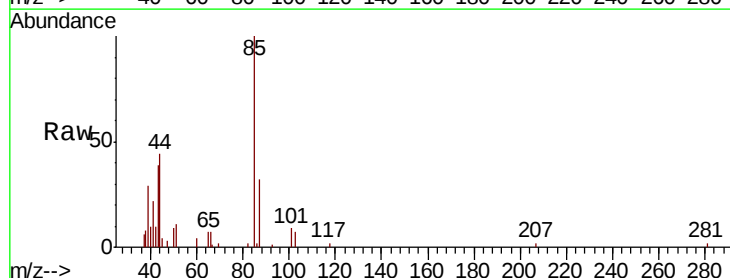
Acq: 20 Aug 2020 17:48

Tgt Ion: 85 Resp: 13367

Ion Ratio Lower Upper

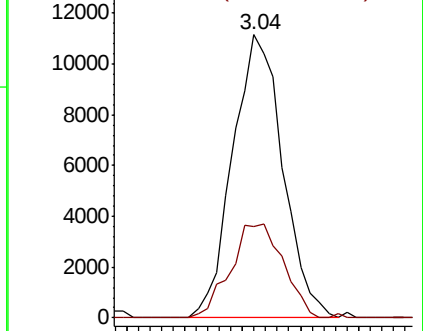
85 100

87 32.1 27.1 40.7

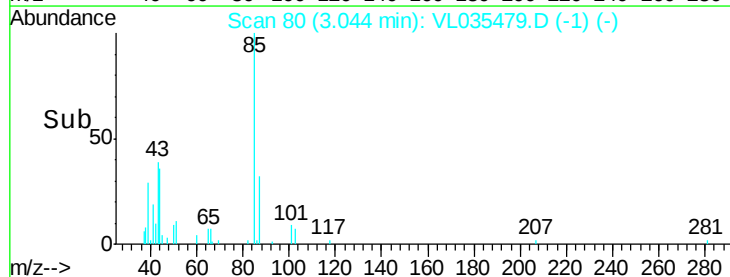


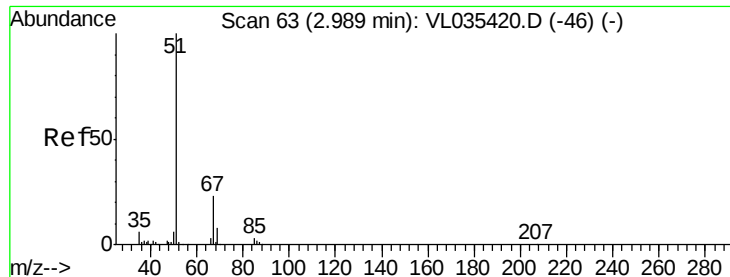
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0



Time-->





#3

Chlorodifluoromethane

Concen: 10.936 ppbv

RT: 2.96 min Scan# 54

Delta R.T. -0.02 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

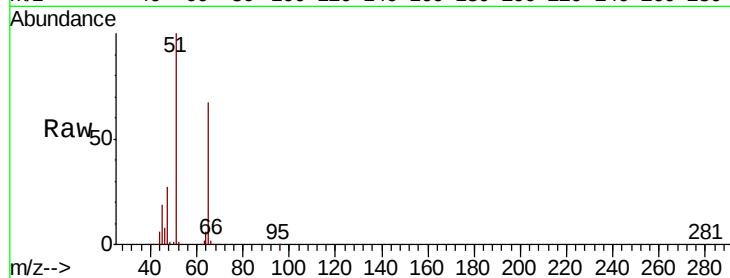
SSMP-3DL

Tot Ion: 51 Resp: 1492355

Ion Ratio Lower Upper

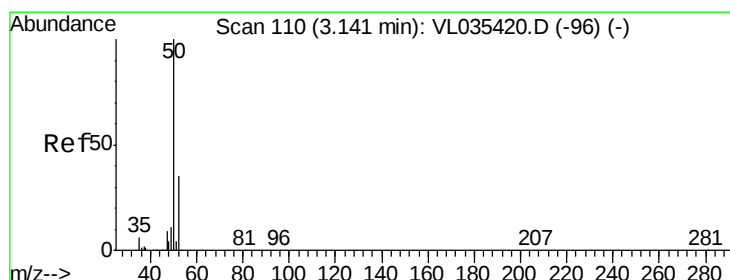
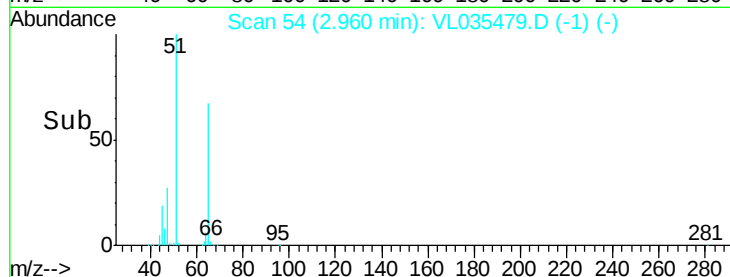
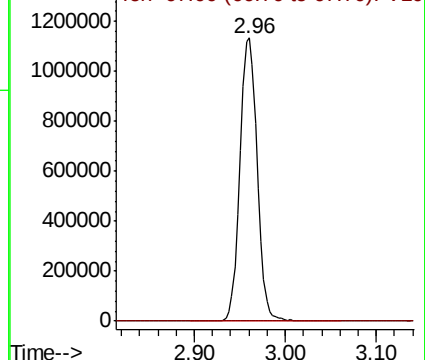
51 100

67 0.2 15.0 22.6#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.101 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.01 min

Lab File: VL035479.D

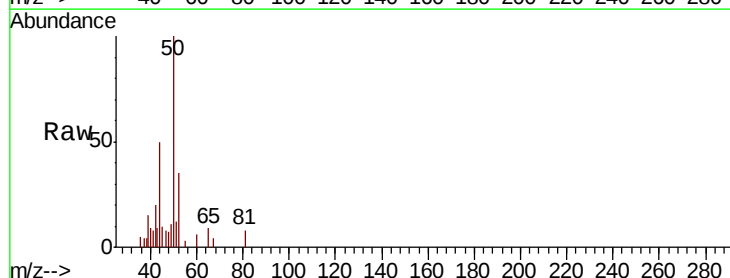
Acq: 20 Aug 2020 17:48

Tgt Ion: 50 Resp: 7165

Ion Ratio Lower Upper

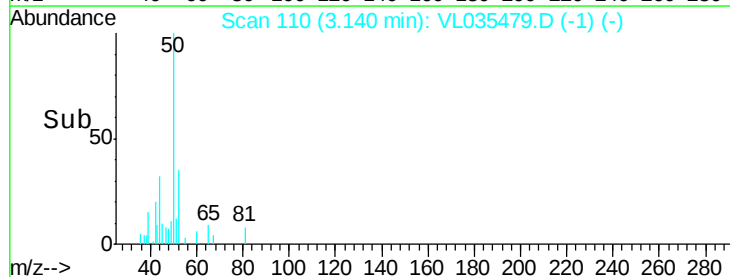
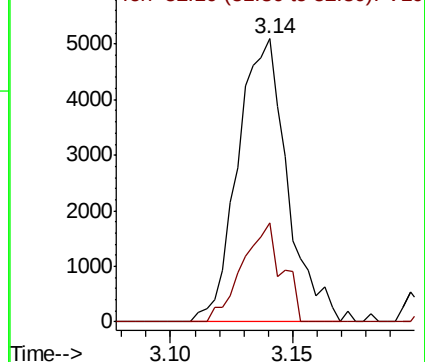
50 100

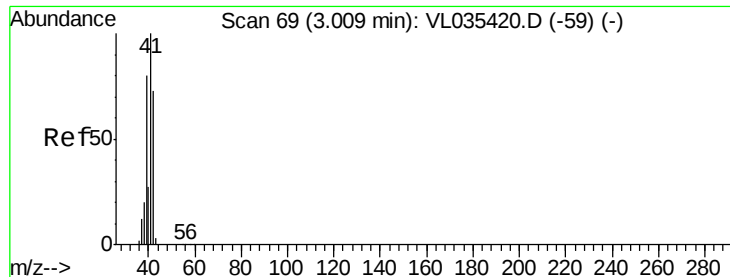
52 35.1 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 4.013 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

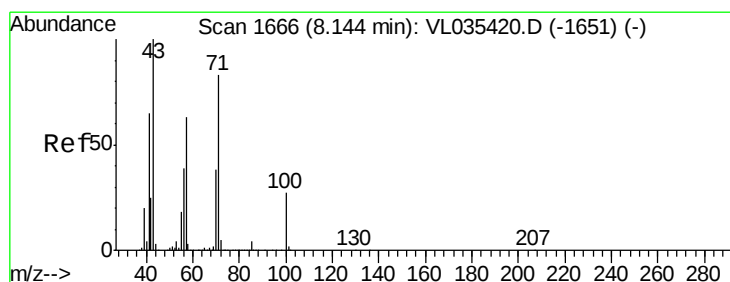
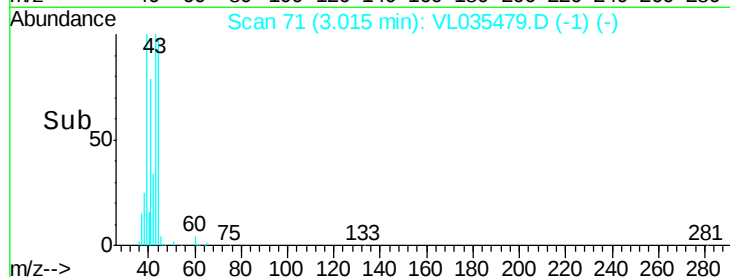
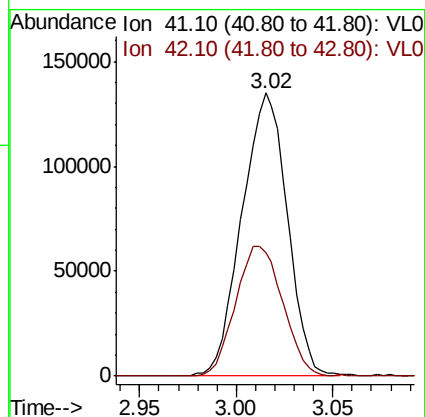
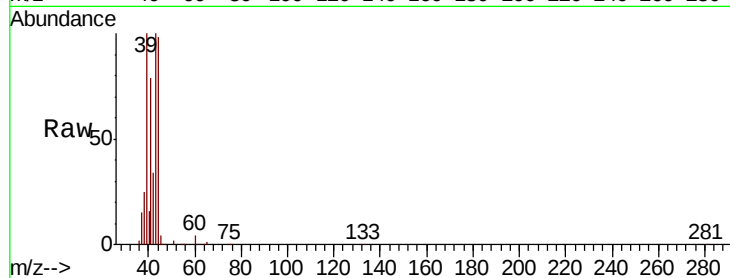
SSMP-3DL

Tot Ion: 41 Resp: 220122

Ion Ratio Lower Upper

41 100

42 48.1 55.5 83.3#



#10

Heptane

Concen: 0.165 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. -0.01 min

Lab File: VL035479.D

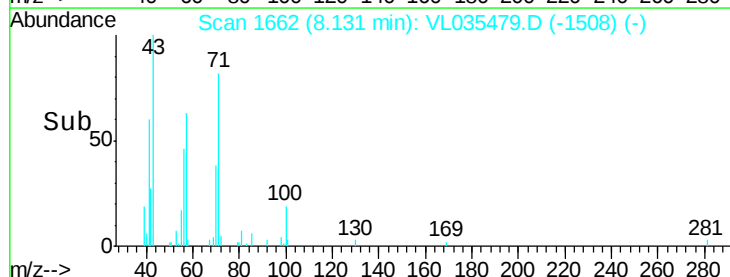
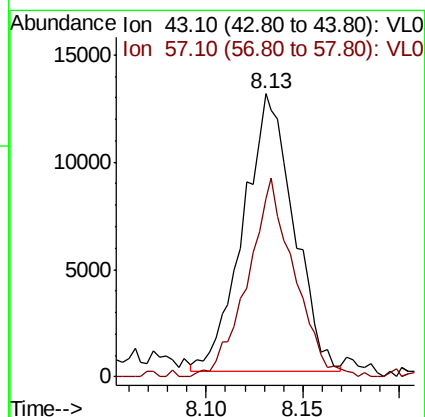
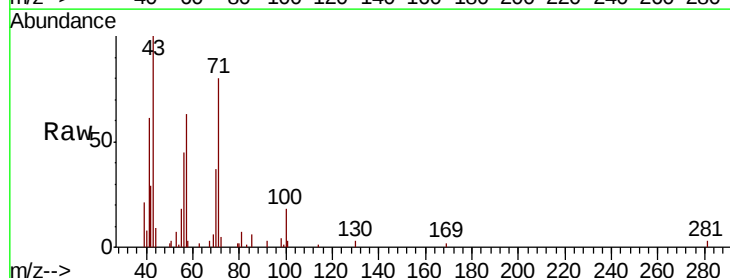
Acq: 20 Aug 2020 17:48

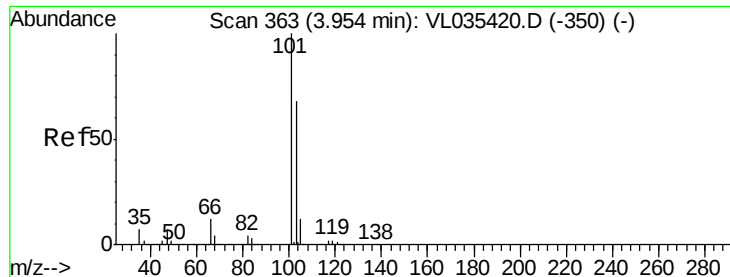
Tgt Ion: 43 Resp: 23681

Ion Ratio Lower Upper

43 100

57 66.2 39.8 59.6#





#11

Trichlorofluoromethane

Concen: 0.057 ppbv

RT: 3.95 min Scan# 361

Delta R.T. -0.00 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

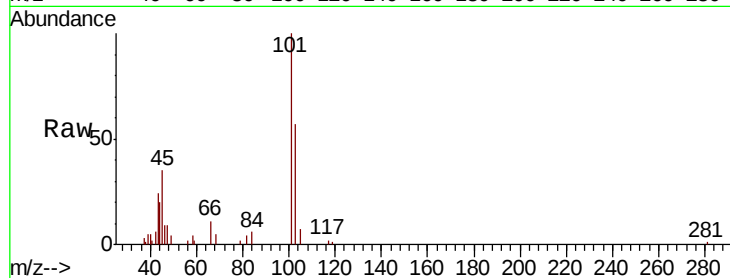
SSMP-3DL

Tot Ion:101 Resp: 17934

Ion Ratio Lower Upper

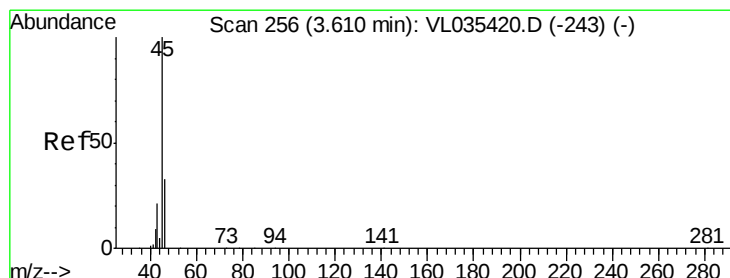
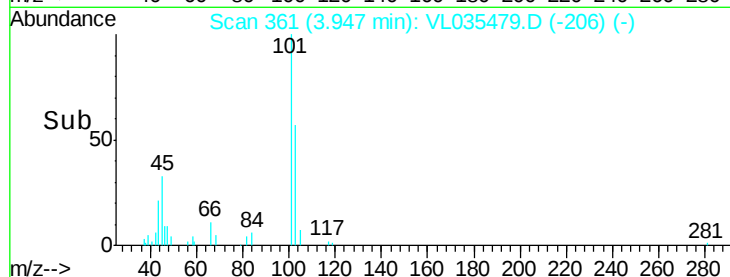
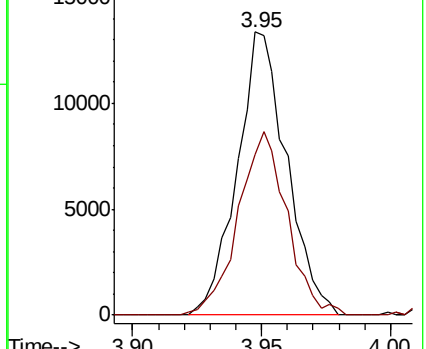
101 100

103 55.5 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 118.162 ppbv

RT: 3.61 min Scan# 255

Delta R.T. 0.01 min

Lab File: VL035479.D

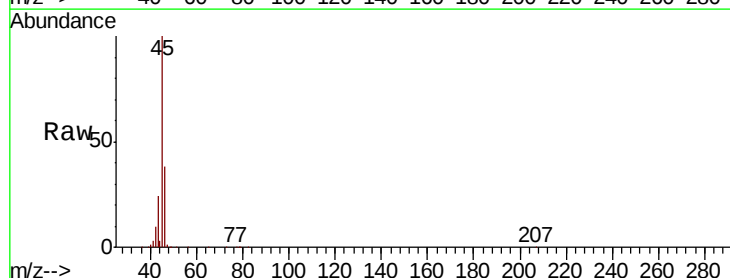
Acq: 20 Aug 2020 17:48

Tgt Ion: 45 Resp: 2374599

Ion Ratio Lower Upper

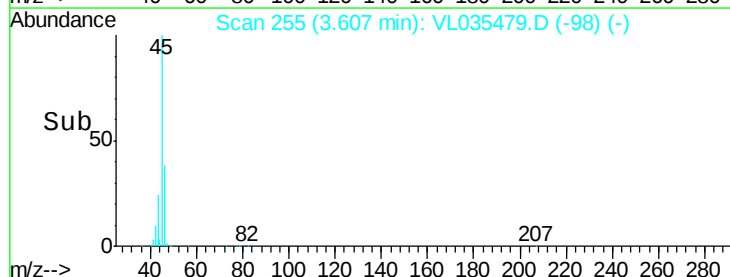
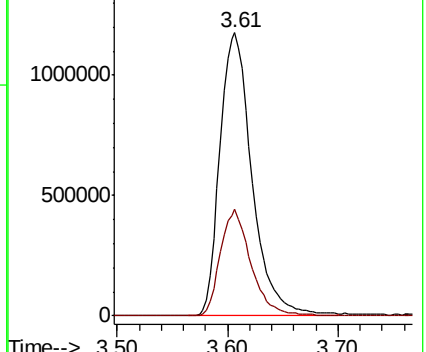
45 100

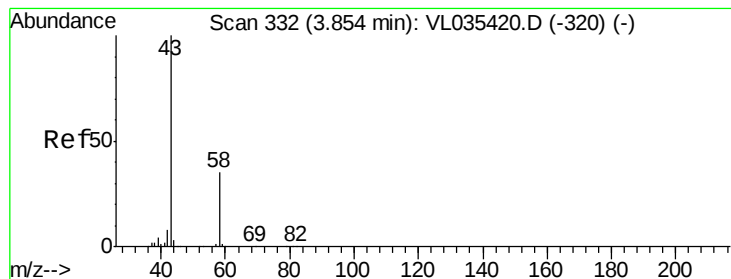
46 36.3 14.2 56.6



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 5.163 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.00 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Instrument :

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ClientSampleId :

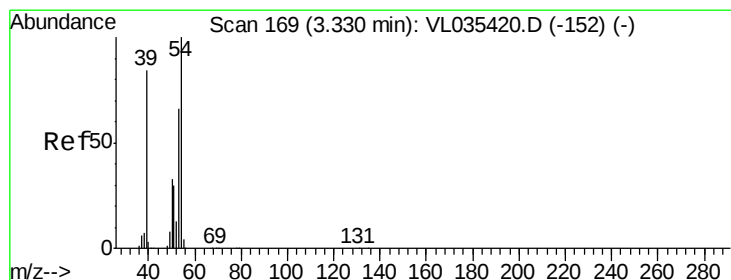
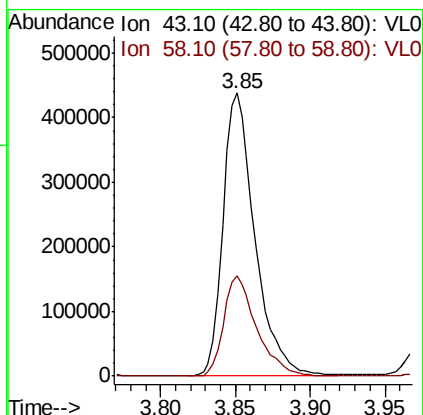
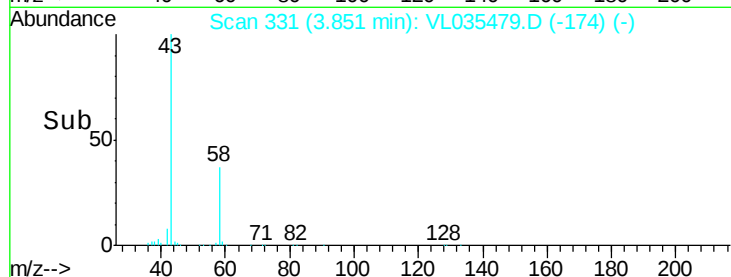
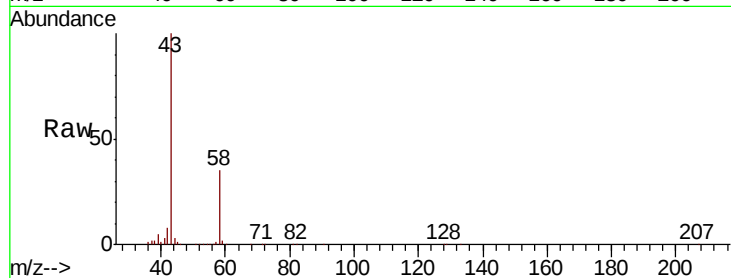
SSMP-3DL

Tot Ion: 43 Resp: 646819

Ion Ratio Lower Upper

43 100

58 36.9 21.0 31.6#



#16

1,3-Butadiene

Concen: 0.280 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.02 min

Lab File: VL035479.D

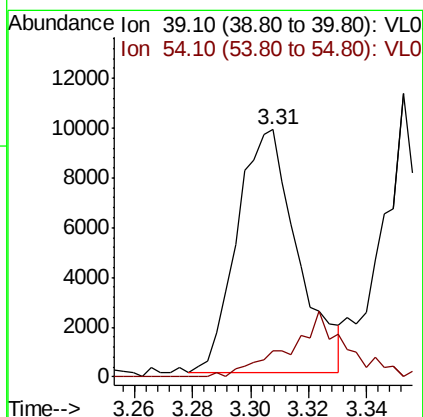
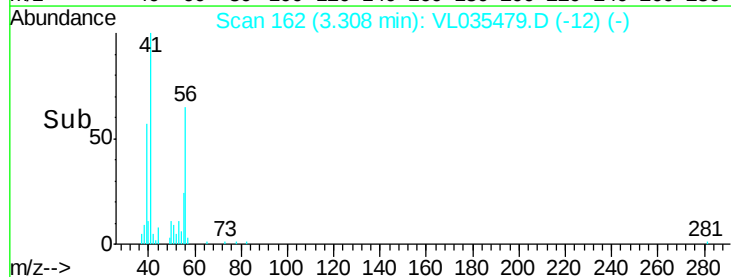
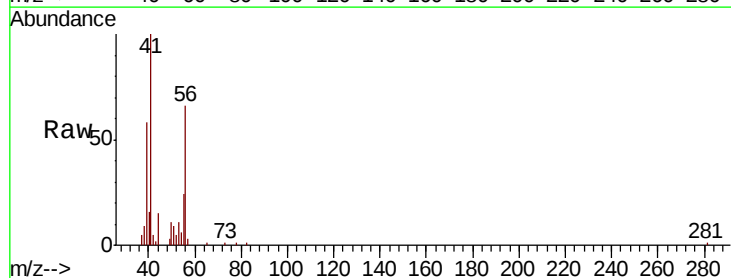
Acq: 20 Aug 2020 17:48

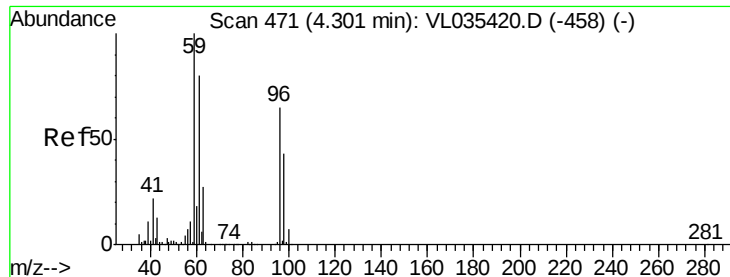
Tgt Ion: 39 Resp: 14235

Ion Ratio Lower Upper

39 100

54 25.2 64.4 96.6#





#17

tert-Butyl alcohol

Concen: 0.279 ppbv

RT: 4.31 min Scan# 474

Delta R.T. 0.02 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

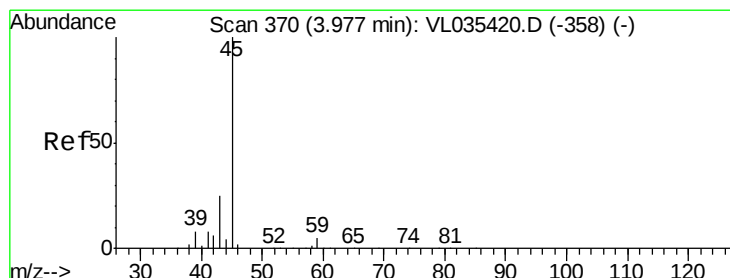
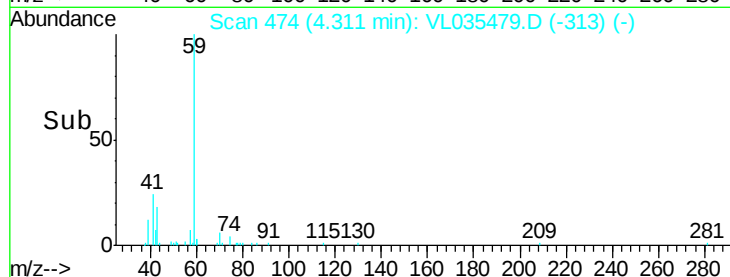
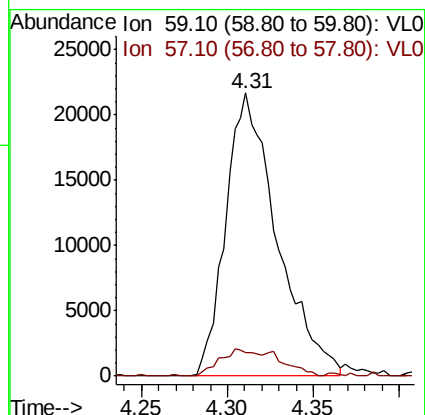
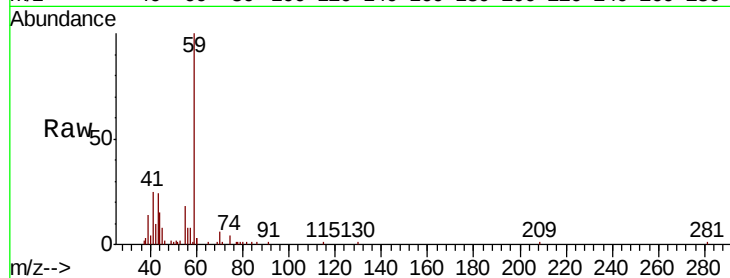
SSMP-3DL

Tot Ion: 59 Resp: 45174

Ion Ratio Lower Upper

59 100

57 11.5 8.9 13.3



#19

Isopropyl Alcohol

Concen: 4.545 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.01 min

Lab File: VL035479.D

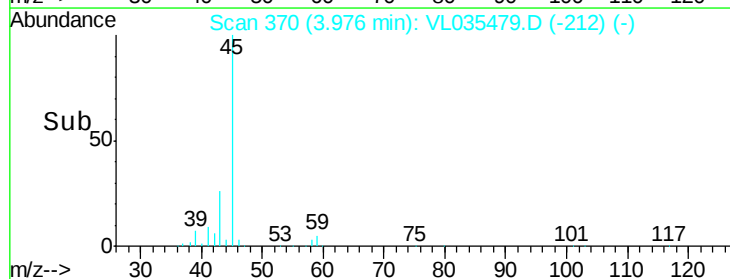
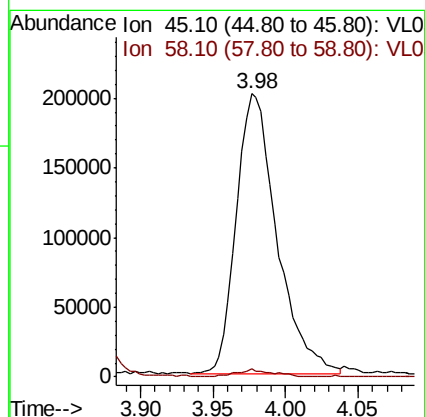
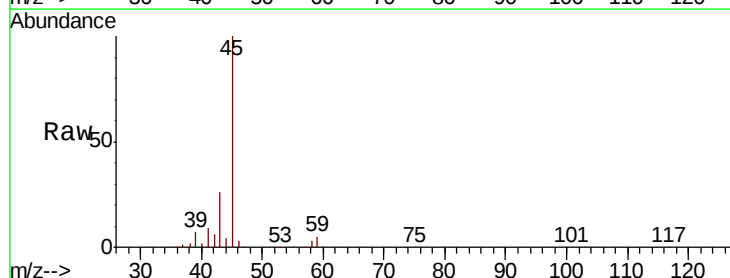
Acq: 20 Aug 2020 17:48

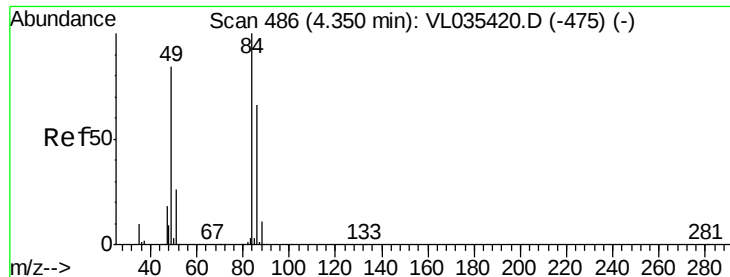
Tgt Ion: 45 Resp: 392456

Ion Ratio Lower Upper

45 100

58 2.8 1.0 1.6#





#20

Methvlene Chloride

Concen: 3.533 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

SSMP-3DL

Tot Ion: 84 Resp: 357129

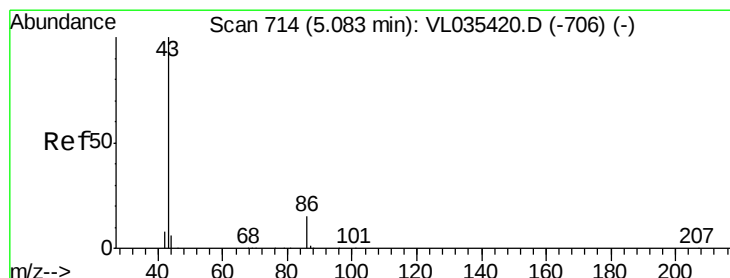
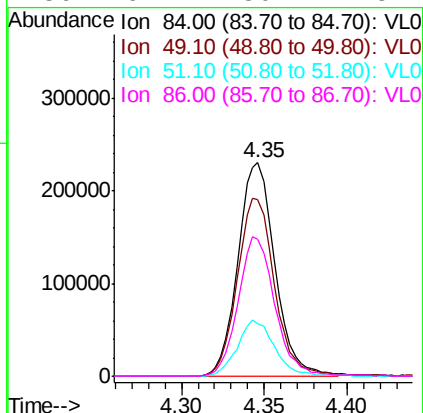
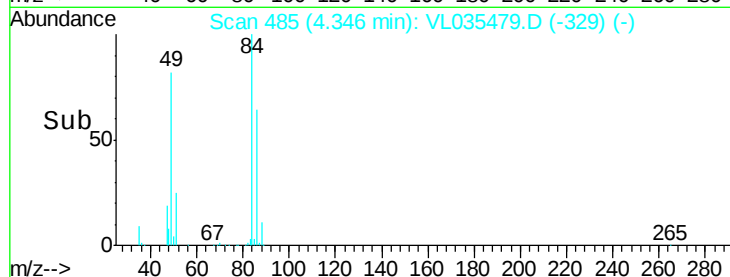
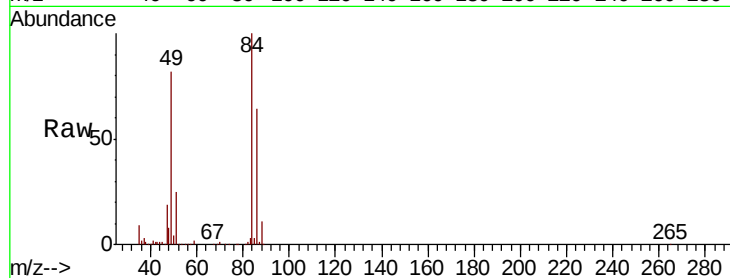
Ion Ratio Lower Upper

84 100

49 82.3 118.6 177.8#

51 24.8 36.4 54.6#

86 64.1 50.2 75.4



#23

Vinyl Acetate

Concen: 0.219 ppbv

RT: 5.07 min Scan# 709

Delta R.T. -0.01 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Tgt Ion: 43 Resp: 39305

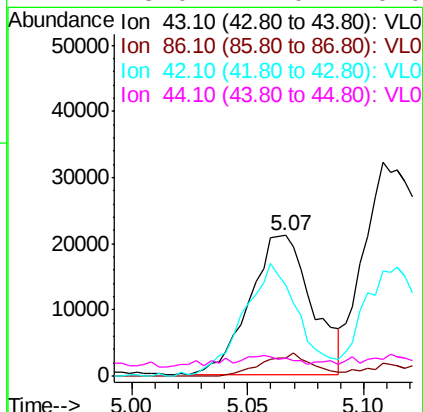
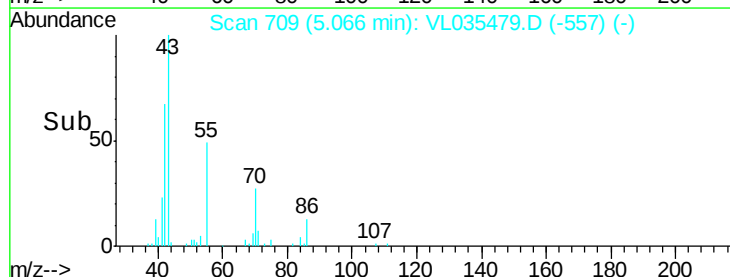
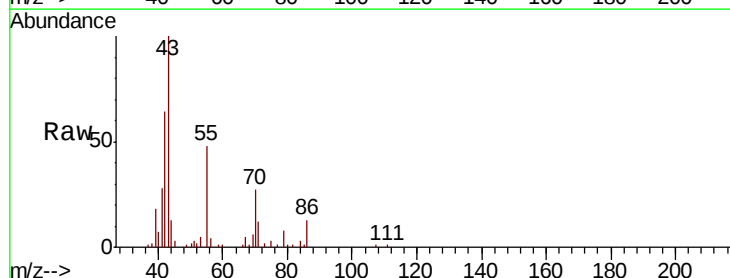
Ion Ratio Lower Upper

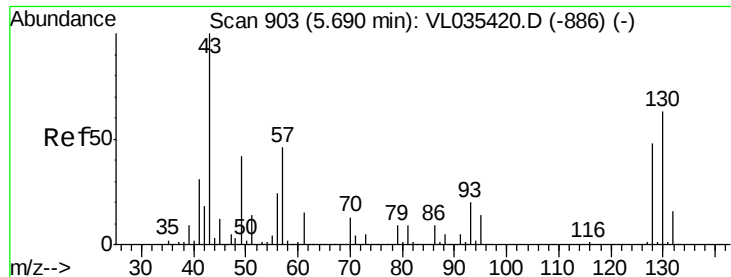
43 100

86 12.7 6.5 9.7#

42 63.7 8.3 12.5#

44 5.0 4.0 6.0

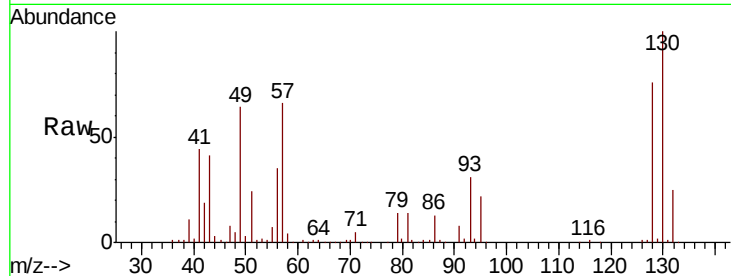




#25
Ethyl Acetate
Concen: 0.397 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL035479.D
Acq: 20 Aug 2020 17:48

Instrument :
MSVOA_L
ClientSampleId :
SSMP-3DL

Tot Ion:	43	Resp:	96766
Ion	Ratio	Lower	Upper
43	100		
45	2.8	8.3	12.5#
61	3.1	7.6	11.4#
70	3.9	6.0	9.0#



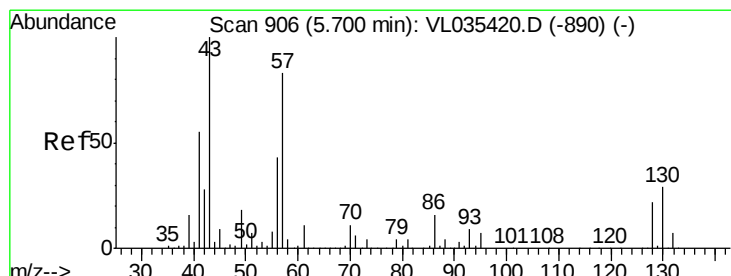
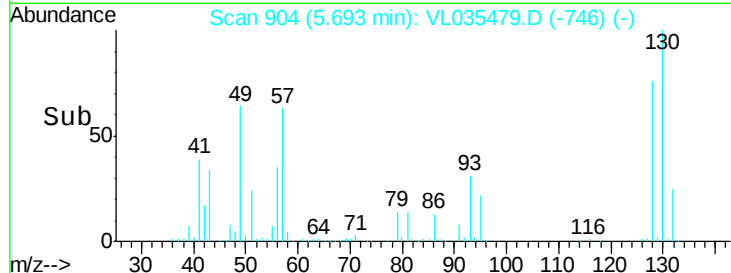
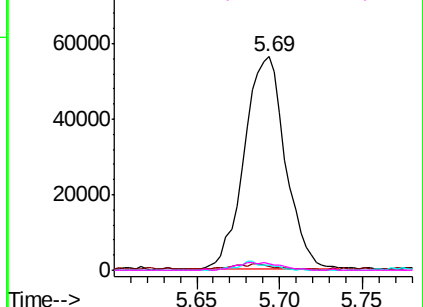
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

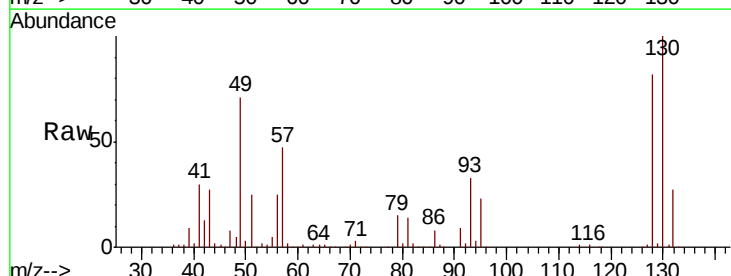
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 1.137 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL035479.D
Acq: 20 Aug 2020 17:48

Tgt Ion:	57	Resp:	156405
Ion	Ratio	Lower	Upper
57	100		
41	66.9	75.5	113.3#
43	62.6	181.7	272.5#
56	53.5	42.4	63.6



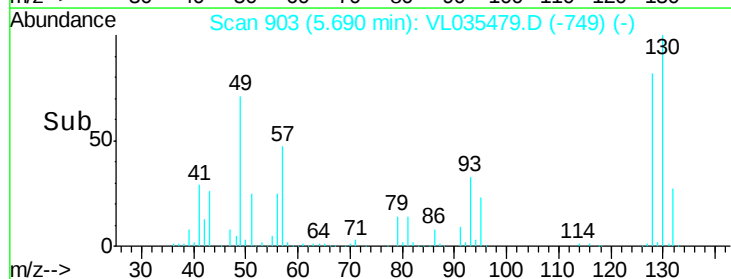
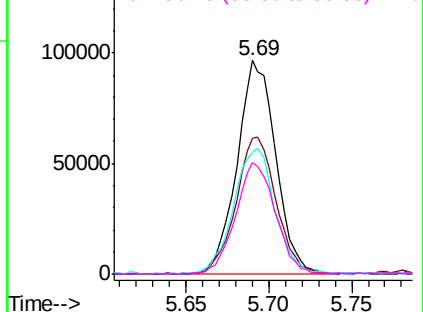
Abundance

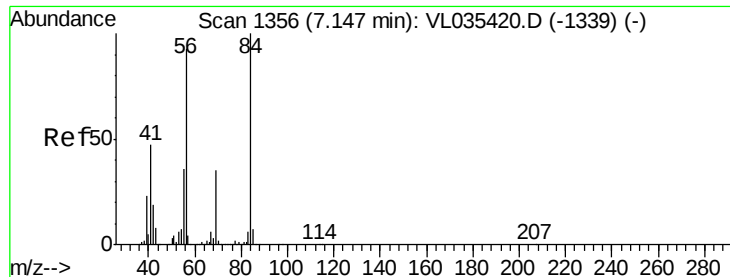
Ion 57.10 (56.80 to 57.80): VL0

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





#30

Cyclohexane

Concen: 0.125 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. -0.00 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

SSMP-3DL

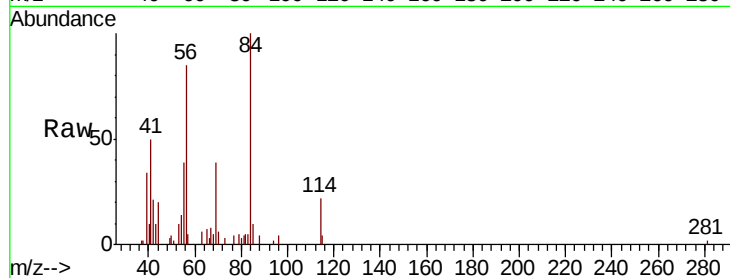
Tot Ion: 84 Resp: 19124

Ion Ratio Lower Upper

84 100

56 0.0 114.9 172.3#

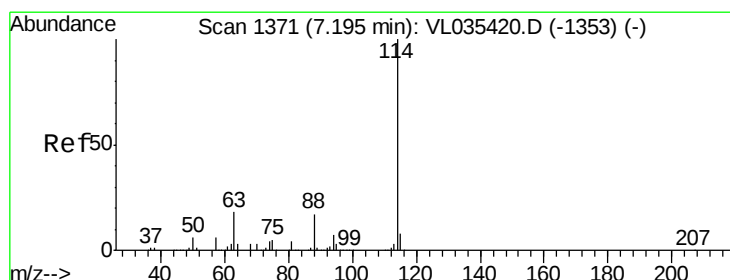
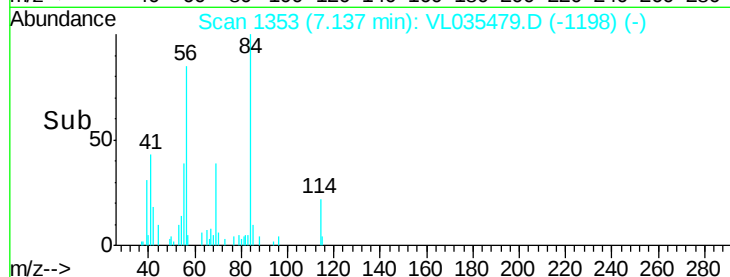
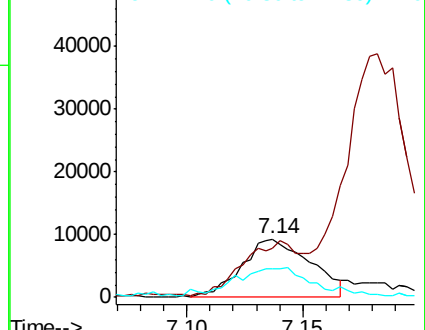
41 60.6 72.3 108.5#



Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

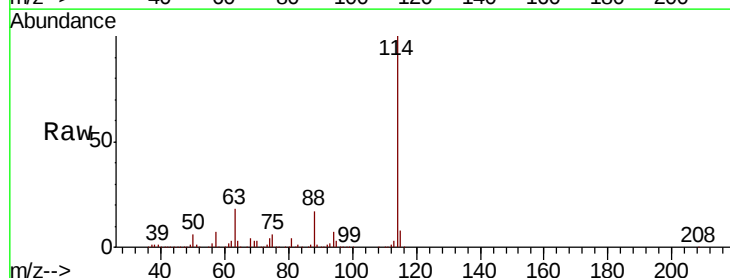
Tgt Ion: 114 Resp: 5036021

Ion Ratio Lower Upper

114 100

63 17.4 23.1 34.7#

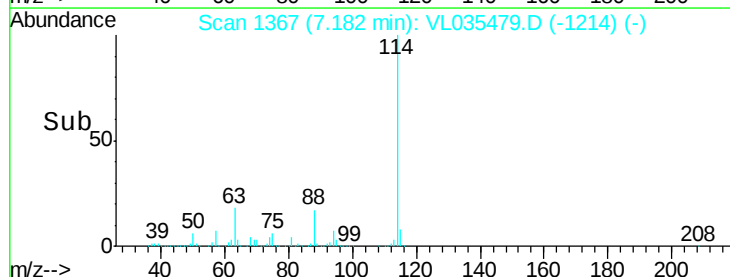
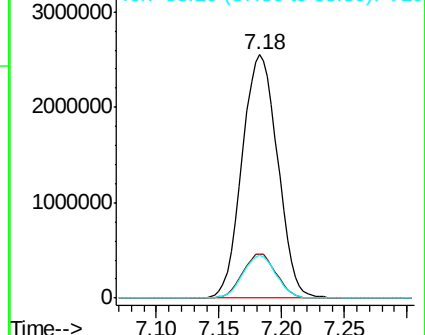
88 16.6 15.9 23.9

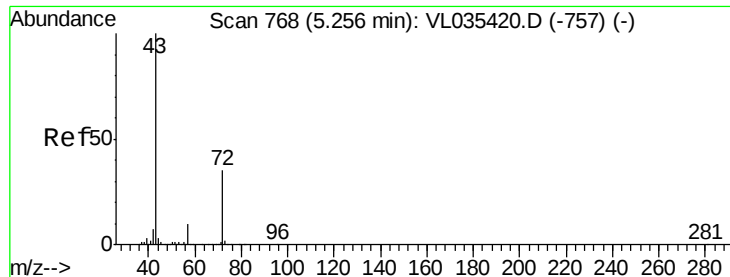


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

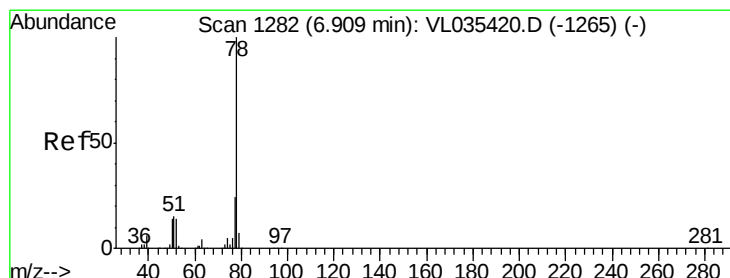
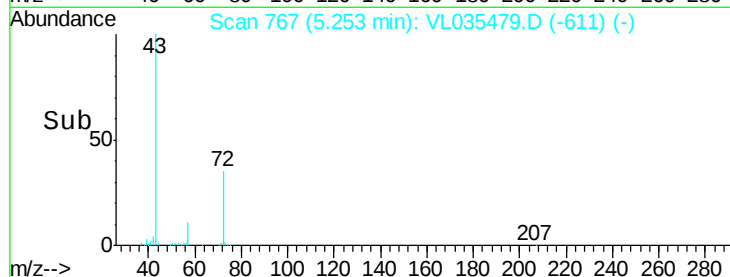
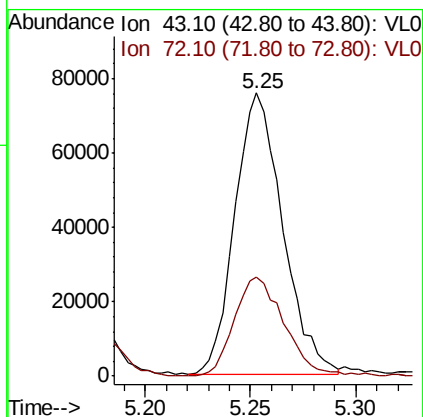
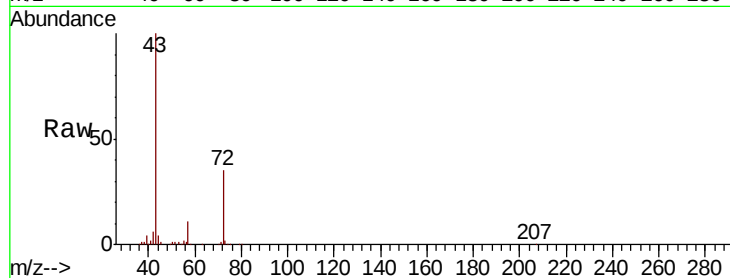




#34
2-Butanone
Concen: 0.708 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.00 min
Lab File: VL035479.D
Acq: 20 Aug 2020 17:48

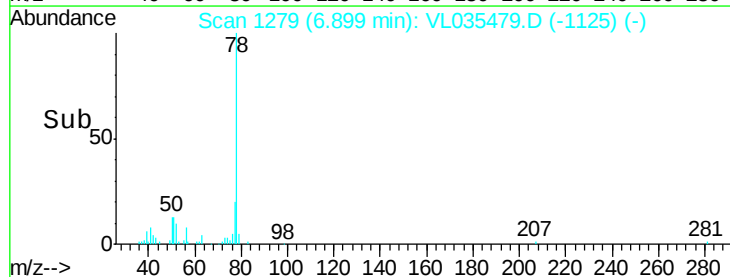
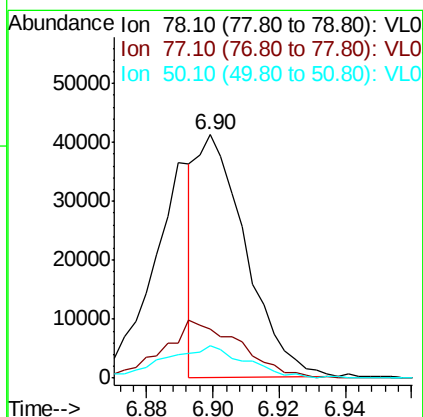
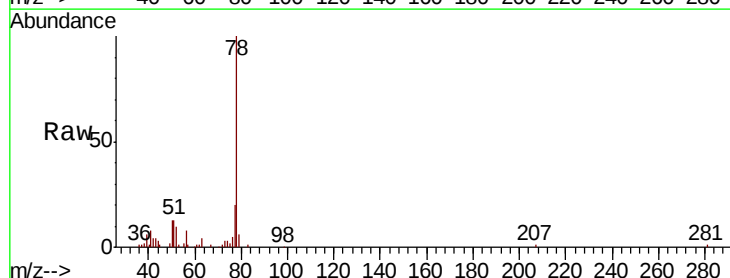
Instrument :
MSVOA_L
ClientSampleId :
SSMP-3DL

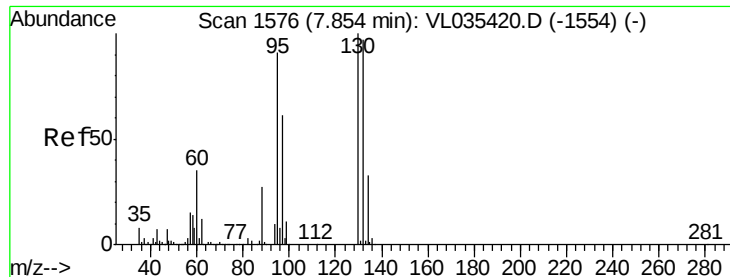
Tot Ion: 43 Resp: 119133
Ion Ratio Lower Upper
43 100
72 37.1 17.6 26.4#



#36
Benzene
Concen: 0.115 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. -0.00 min
Lab File: VL035479.D
Acq: 20 Aug 2020 17:48

Tgt Ion: 78 Resp: 42352
Ion Ratio Lower Upper
78 100
77 20.4 19.6 29.4
50 12.8 16.3 24.5#





#38

Trichloroethene

Concen: 0.943 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. -0.01 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

SSMP-3DL

Tot Ion:130 Resp: 193880

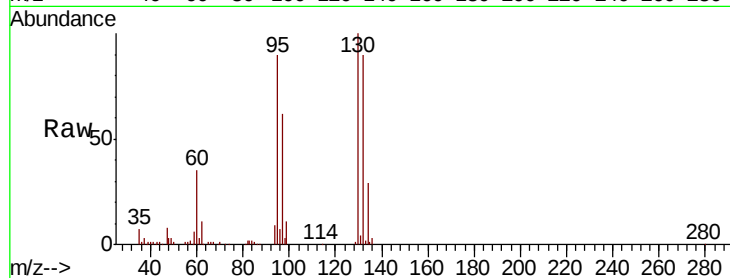
Ion Ratio Lower Upper

130 100

95 90.4 95.8 143.8#

132 90.3 74.3 111.5

97 62.2 62.6 94.0#

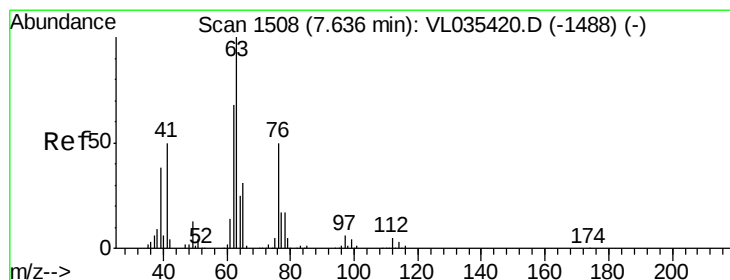
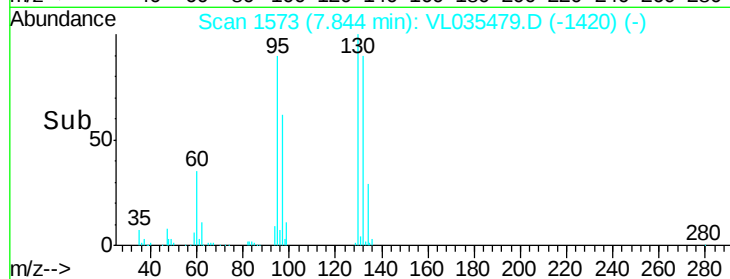
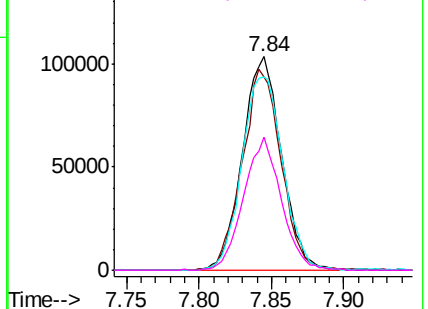


Abundance Ion 130.00 (129.70 to 130.70): V

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: 7.147 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.44 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

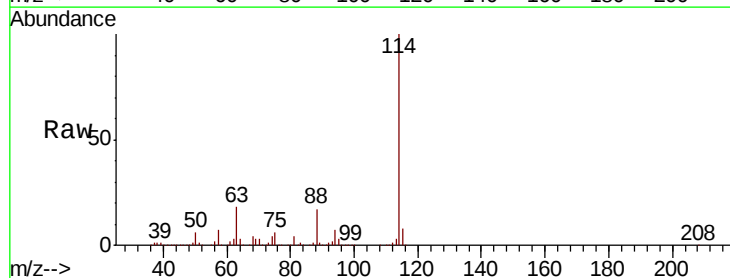
Tgt Ion: 63 Resp: 870657

Ion Ratio Lower Upper

63 100

41 0.0 61.1 91.7#

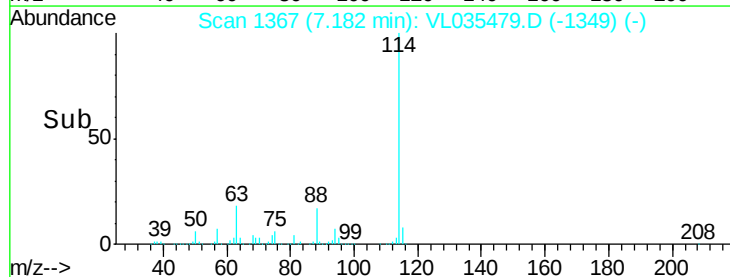
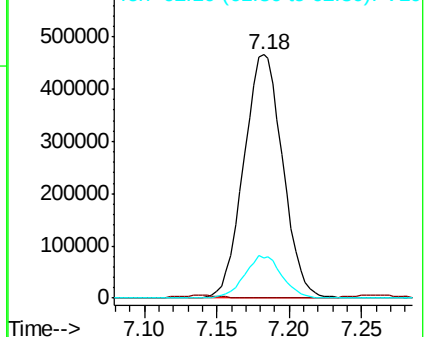
62 16.5 55.3 82.9#

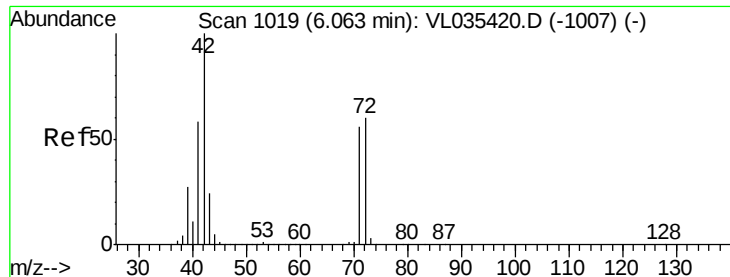


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 0.373 ppbv

RT: 6.07 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

SSMP-3DL

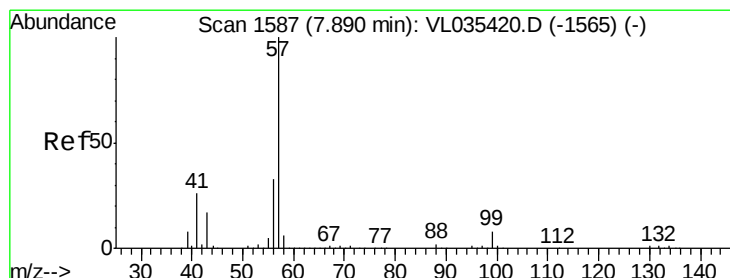
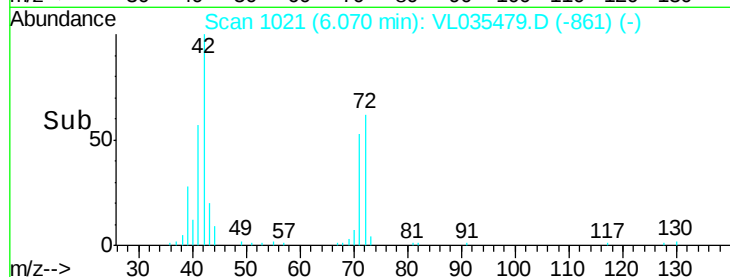
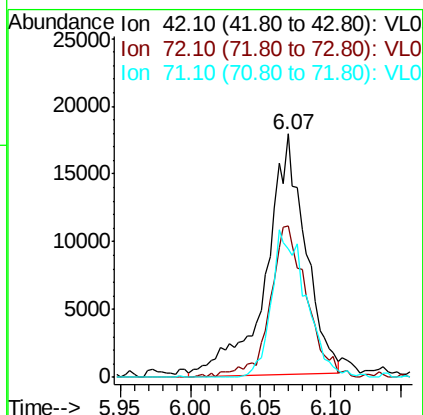
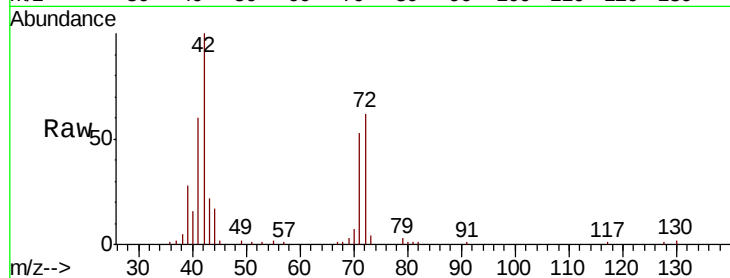
Tot Ion: 42 Resp: 34627

Ion Ratio Lower Upper

42 100

72 59.6 29.4 44.2#

71 53.6 28.9 43.3#



#44

2,2,4-Trimethylpentane

Concen: 0.146 ppbv

RT: 7.88 min Scan# 1583

Delta R.T. -0.01 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

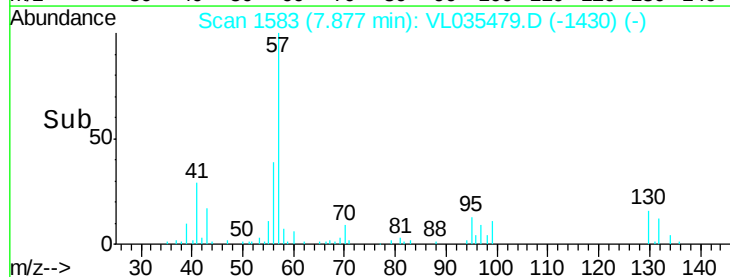
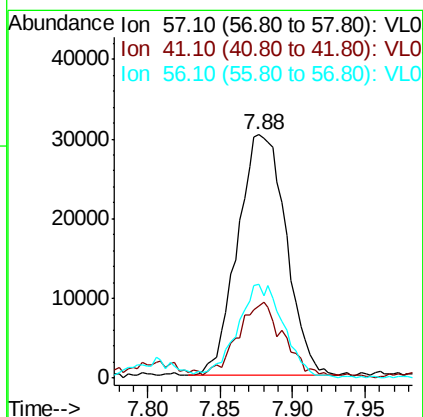
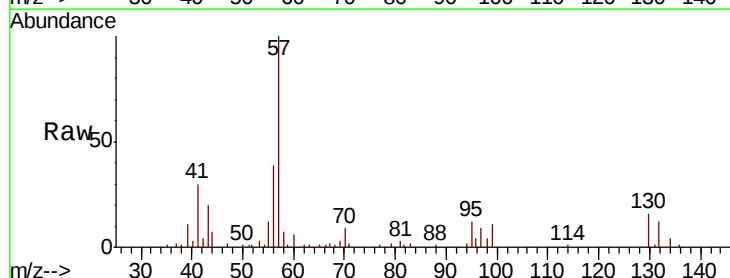
Tgt Ion: 57 Resp: 70493

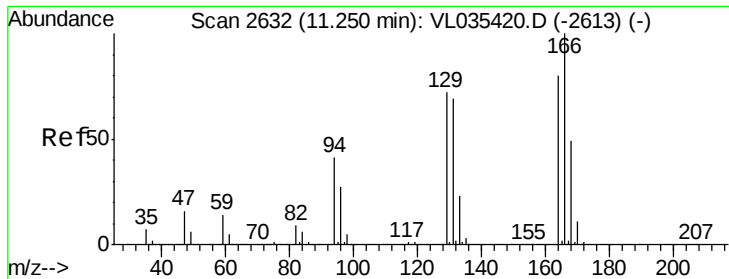
Ion Ratio Lower Upper

57 100

41 30.4 27.2 40.8

56 37.3 25.4 38.0





#52

Tetrachloroethene

Concen: 0.505 ppbv

RT: 11.24 min Scan# 2629

Delta R.T. -0.00 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

SSMP-3DL

Tot Ion:164 Resp: 113911

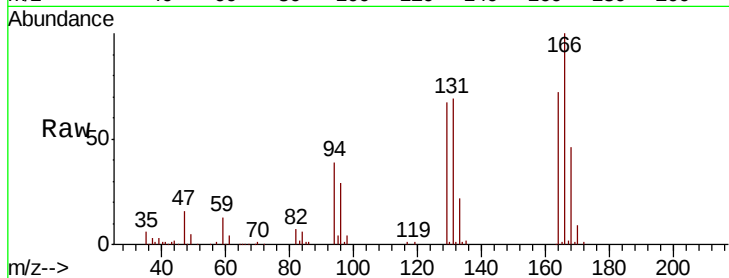
Ion Ratio Lower Upper

164 100

166 138.4 103.4 155.0

129 92.6 90.2 135.4

131 95.0 91.7 137.5

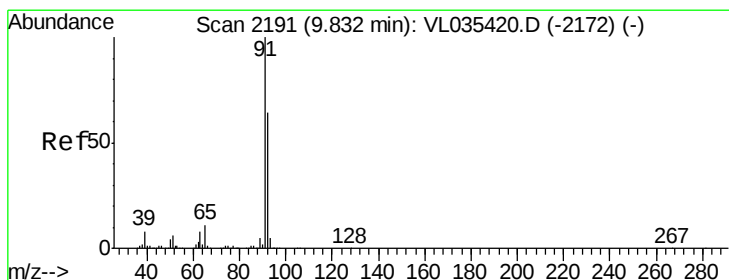
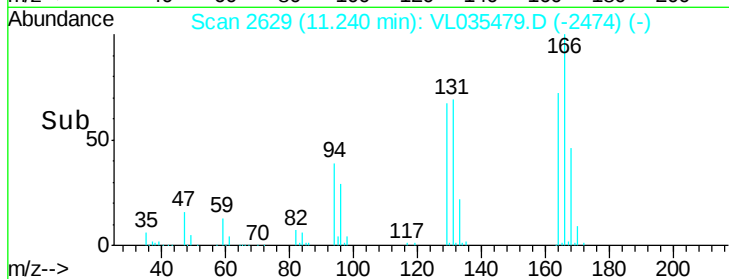
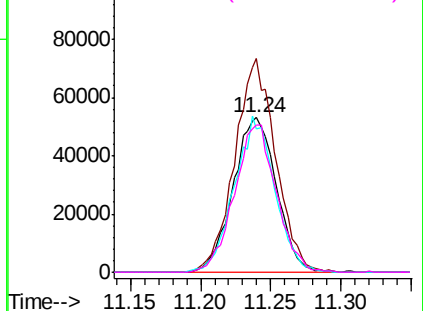


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.178 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. -0.00 min

Lab File: VL035479.D

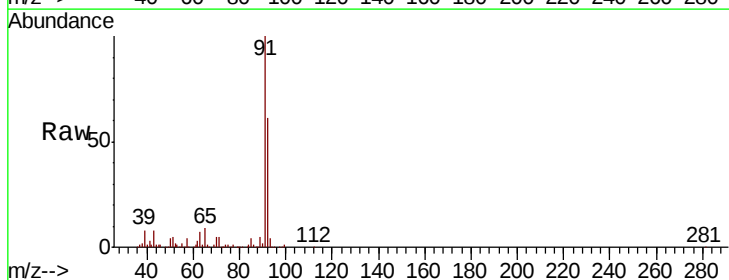
Acq: 20 Aug 2020 17:48

Tgt Ion: 91 Resp: 560921

Ion Ratio Lower Upper

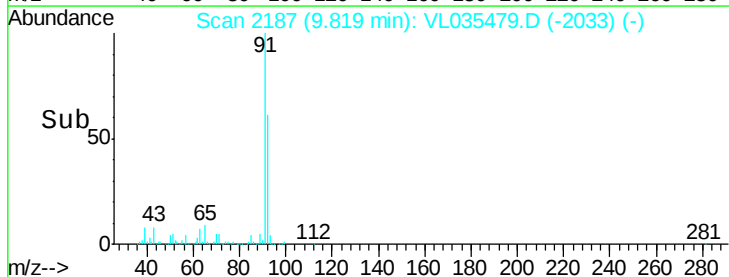
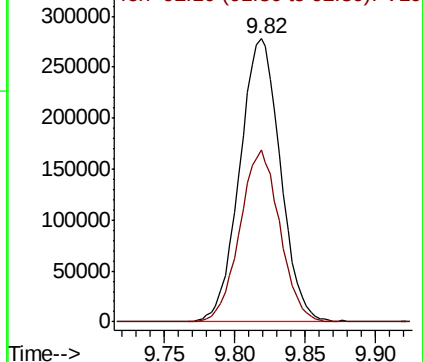
91 100

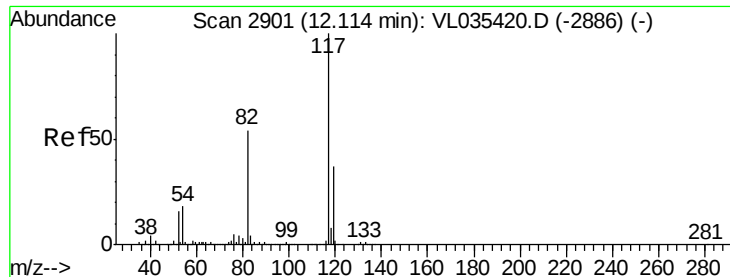
92 59.8 49.1 73.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

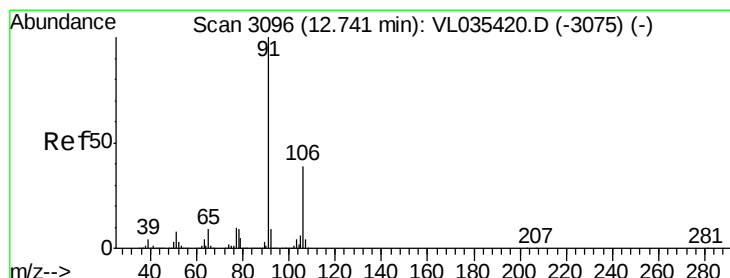
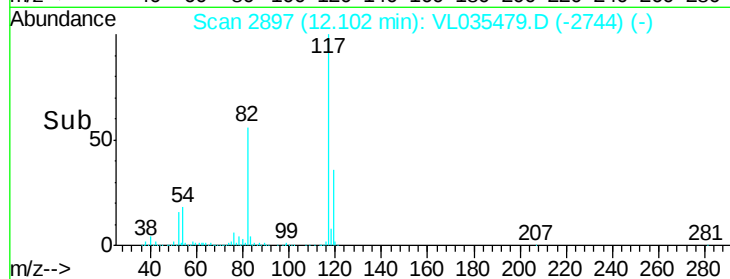
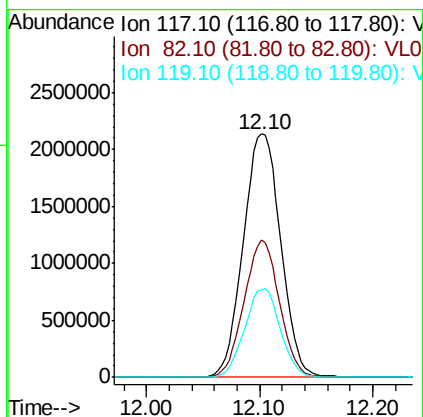
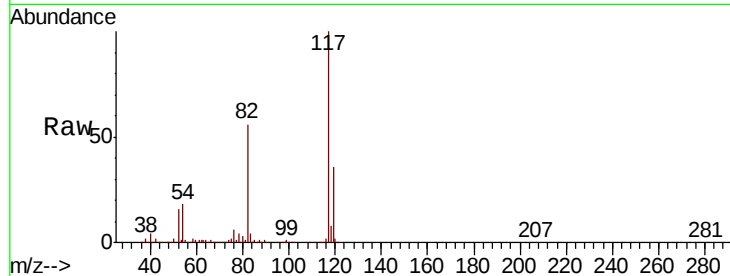




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL035479.D
Acq: 20 Aug 2020 17:48

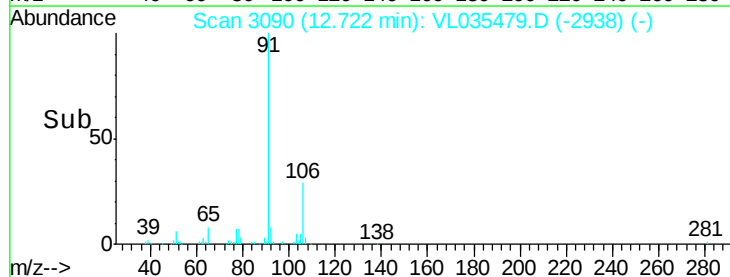
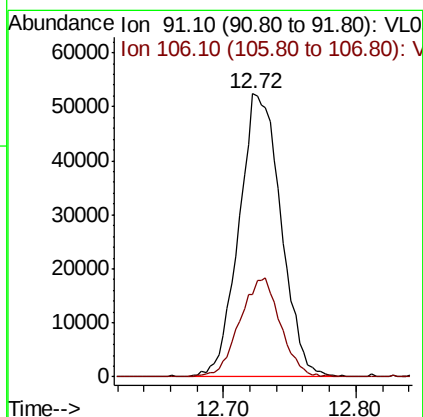
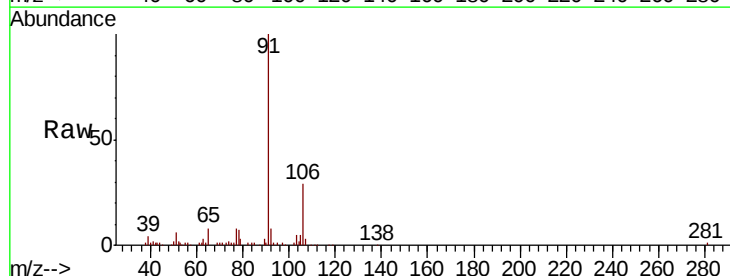
Instrument :
MSVOA_L
ClientSampleId :
SSMP-3DL

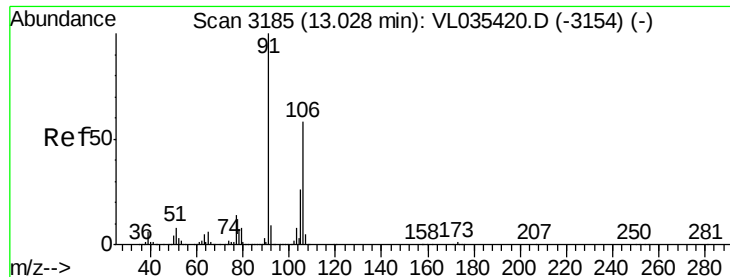
Tot Ion:117 Resp: 4925674
Ion Ratio Lower Upper
117 100
82 53.6 57.4 86.0#
119 35.0 28.4 42.6



#58
Ethyl Benzene
Concen: 0.194 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. -0.01 min
Lab File: VL035479.D
Acq: 20 Aug 2020 17:48

Tgt Ion: 91 Resp: 115164
Ion Ratio Lower Upper
91 100
106 29.1 24.1 36.1





#59

m/p-Xylene

Concen: 0.684 ppbv

RT: 12.99 min Scan# 3172

Delta R.T. -0.04 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

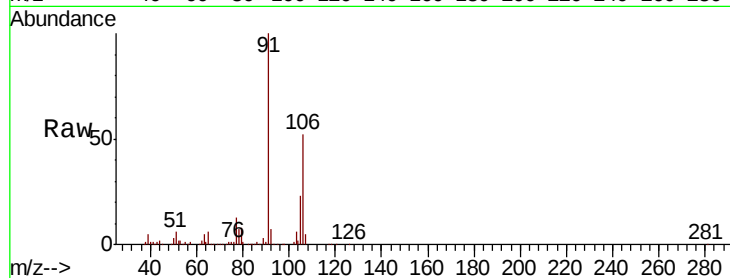
SSMP-3DL

Tot Ion: 91 Resp: 344036

Ion Ratio Lower Upper

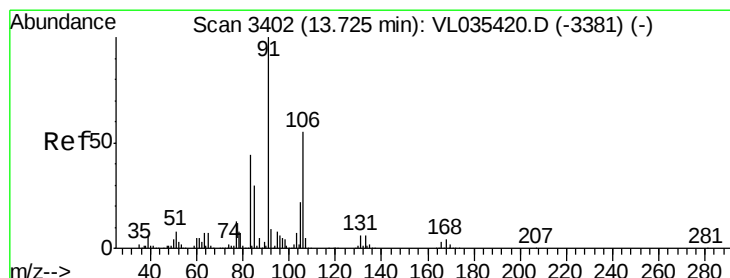
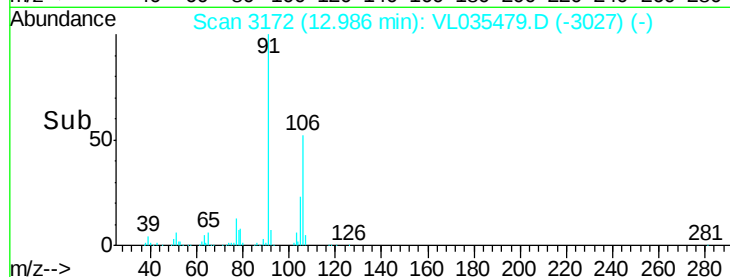
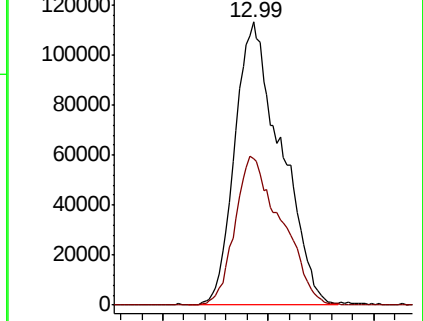
91 100

106 52.9 34.0 51.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.267 ppbv

RT: 13.71 min Scan# 3397

Delta R.T. -0.01 min

Lab File: VL035479.D

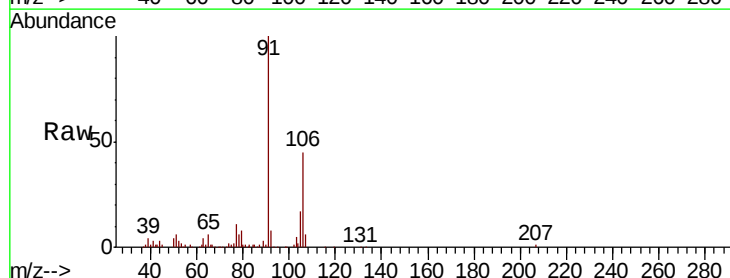
Acq: 20 Aug 2020 17:48

Tgt Ion: 91 Resp: 130306

Ion Ratio Lower Upper

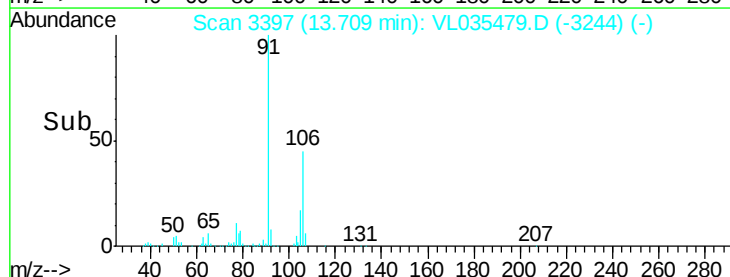
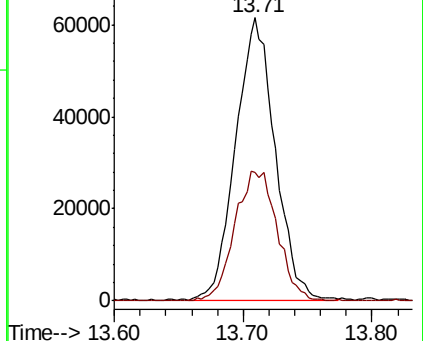
91 100

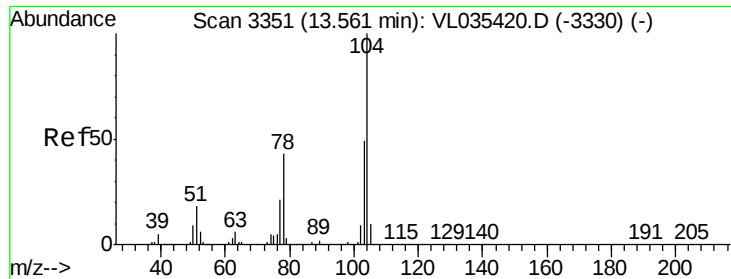
106 49.5 21.8 65.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

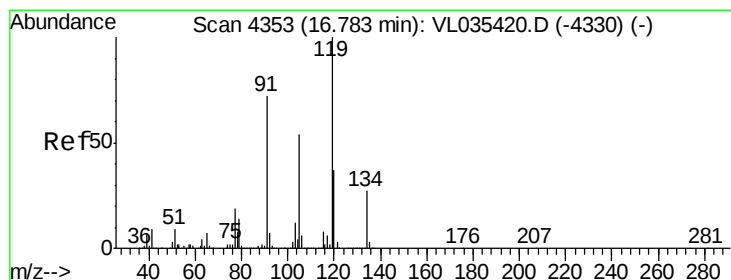
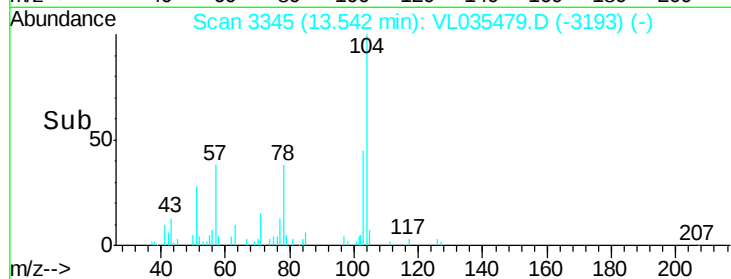
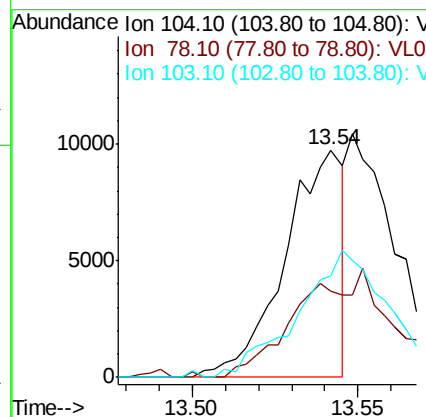
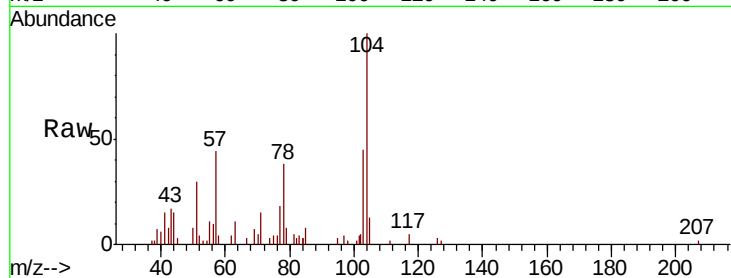




#61
Stvrene
Concen: 0.030 ppbv
RT: 13.54 min Scan# 3345
Delta R.T. -0.01 min
Lab File: VL035479.D
Acq: 20 Aug 2020 17:48

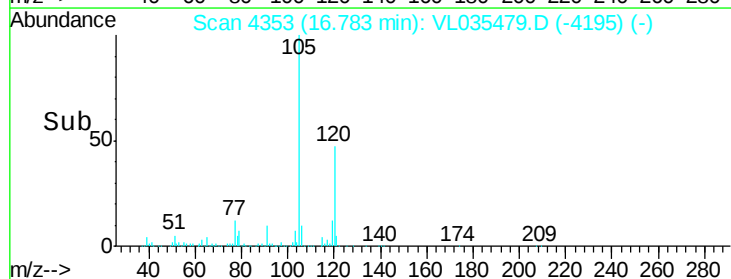
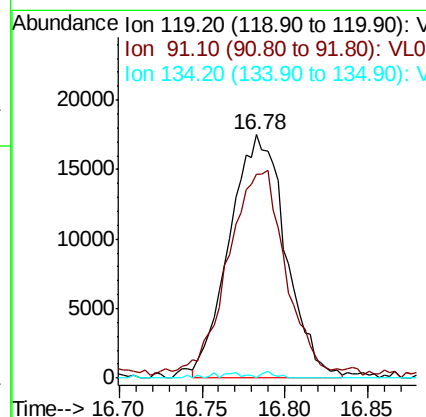
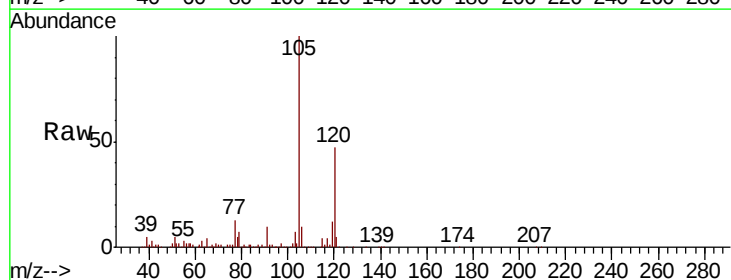
Instrument :
MSVOA_L
ClientSampleId :
SSMP-3DL

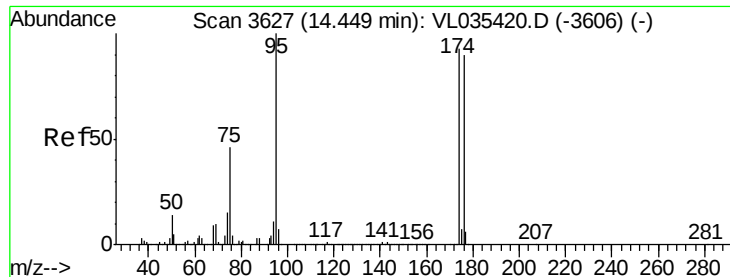
Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	45.4	68.2#
103	0.0	37.8	56.8#



#65
tert-Butylbenzene
Concen: 0.053 ppbv
RT: 16.78 min Scan# 4353
Delta R.T. 0.01 min
Lab File: VL035479.D
Acq: 20 Aug 2020 17:48

Tgt Ion	Ratio	Lower	Upper
119	100		
91	87.7	72.0	108.0
134	1.8	15.7	23.5#

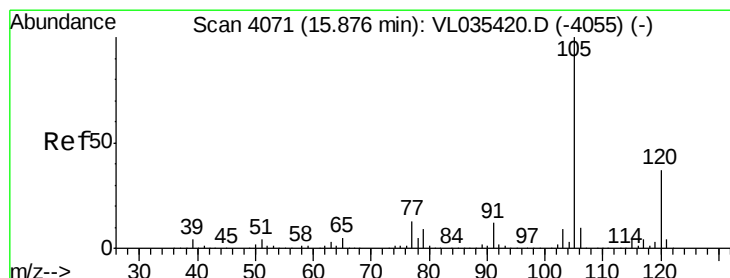
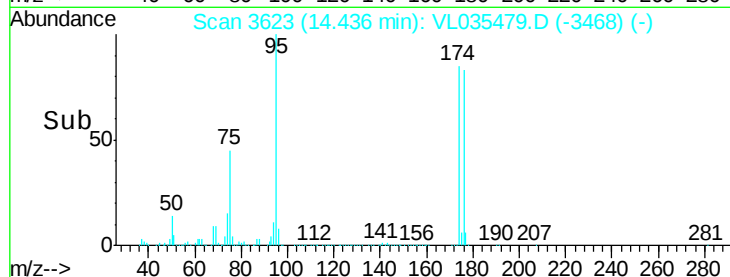
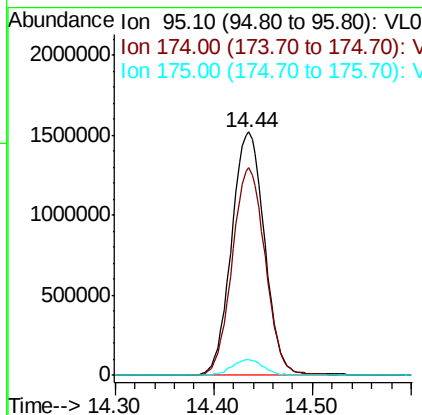
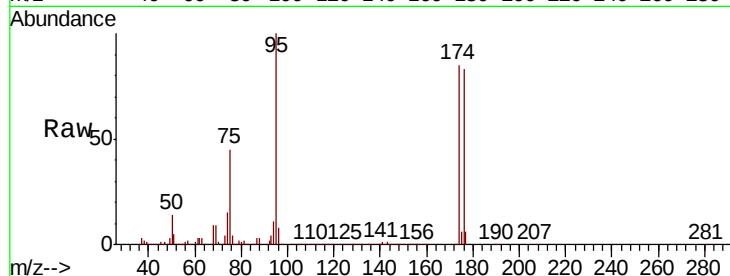




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.269 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VL035479.D
 Acq: 20 Aug 2020 17:48

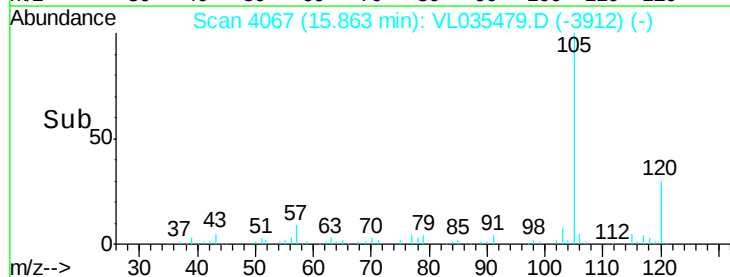
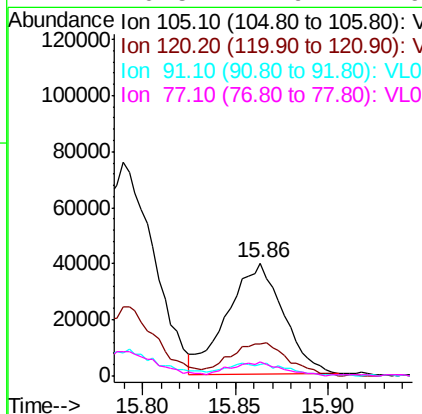
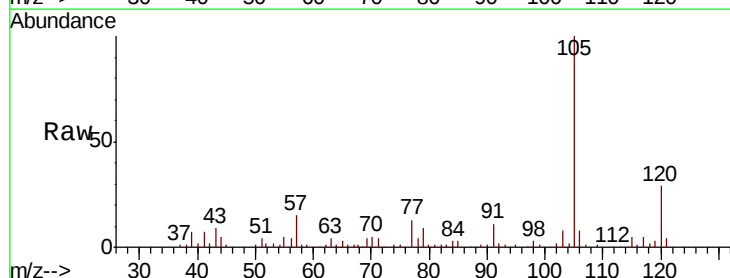
Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-3DL

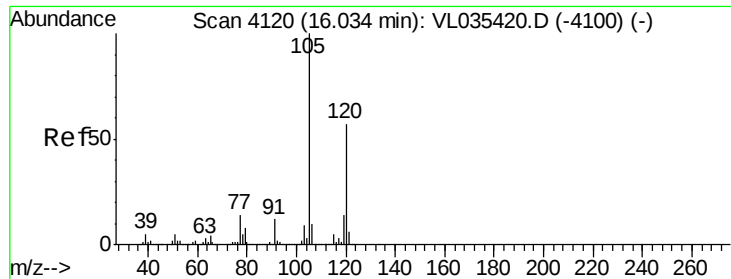
Tot Ion: 95 Resp: 3541136
 Ion Ratio Lower Upper
 95 100
 174 86.0 44.0 66.0#
 175 6.2 3.2 4.8#



#72
 4-Ethyltoluene
 Concen: 0.130 ppbv
 RT: 15.86 min Scan# 4067
 Delta R.T. -0.00 min
 Lab File: VL035479.D
 Acq: 20 Aug 2020 17:48

Tgt Ion: 105 Resp: 83084
 Ion Ratio Lower Upper
 105 100
 120 31.7 22.7 34.1
 91 13.5 10.8 16.2
 77 10.5 11.9 17.9#

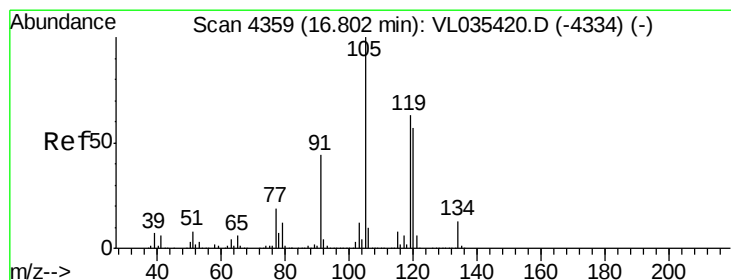
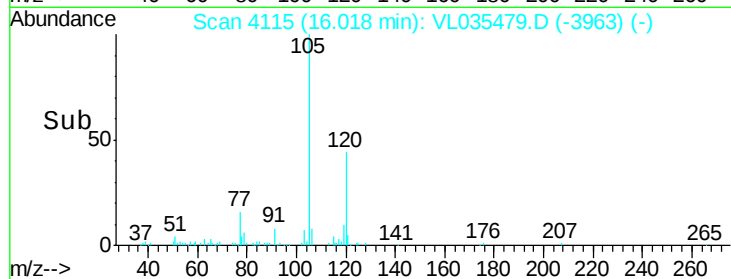
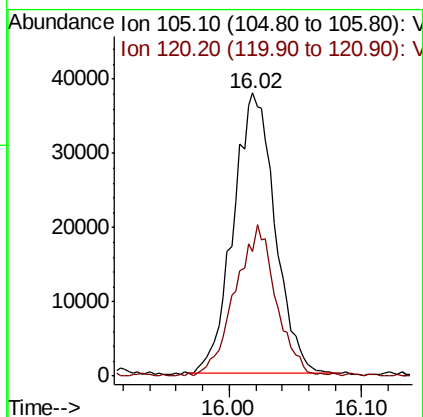
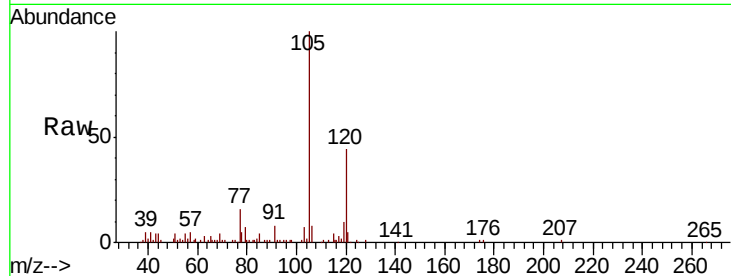




#73
 1,3,5-Trimethylbenzene
 Concen: 0.138 ppbv
 RT: 16.02 min Scan# 4115
 Delta R.T. -0.01 min
 Lab File: VL035479.D
 Acq: 20 Aug 2020 17:48

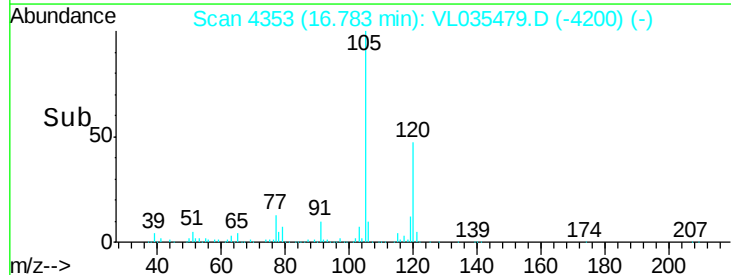
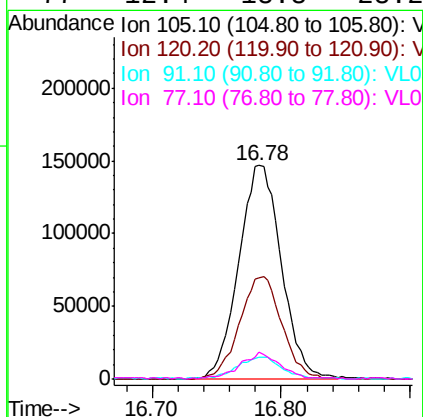
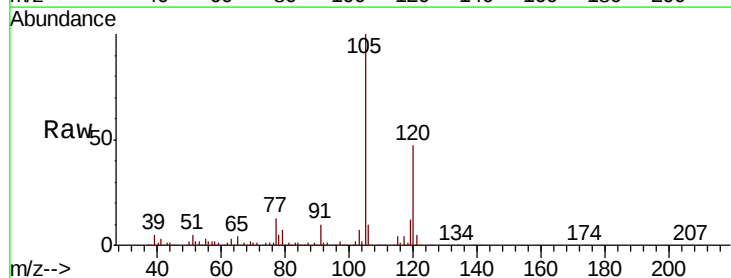
Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-3DL

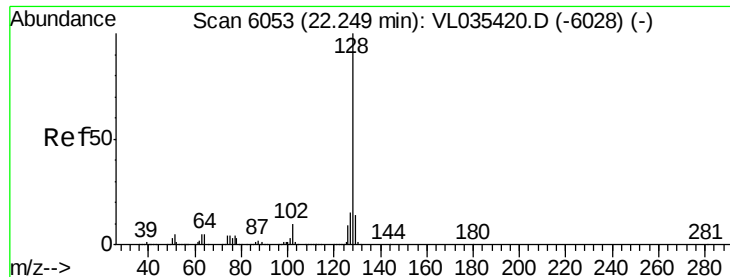
Tot Ion:105 Resp: 82508
 Ion Ratio Lower Upper
 105 100
 120 44.2 35.6 53.4



#74
 1,2,4-Trimethylbenzene
 Concen: 0.518 ppbv
 RT: 16.78 min Scan# 4353
 Delta R.T. -0.01 min
 Lab File: VL035479.D
 Acq: 20 Aug 2020 17:48

Tgt Ion:105 Resp: 335809
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.8 56.8
 91 9.6 40.0 60.0#
 77 12.4 18.8 28.2#





#79

Naphthalene

Concen: 0.126 ppbv

RT: 22.23 min Scan# 6048

Delta R.T. -0.01 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

Instrument :

MSVOA_L

ClientSampleId :

SSMP-3DL

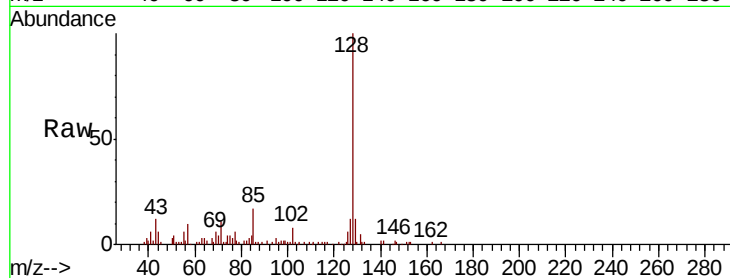
Tot Ion:128 Resp: 114914

Ion Ratio Lower Upper

128 100

127 12.3 11.4 17.0

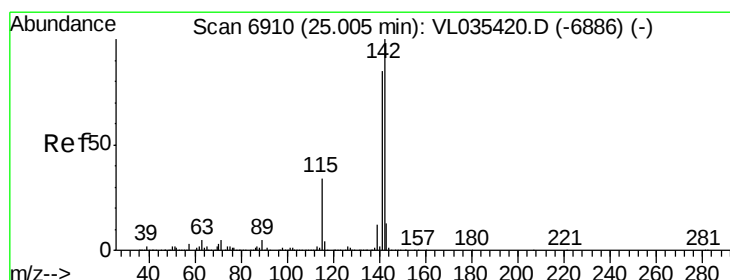
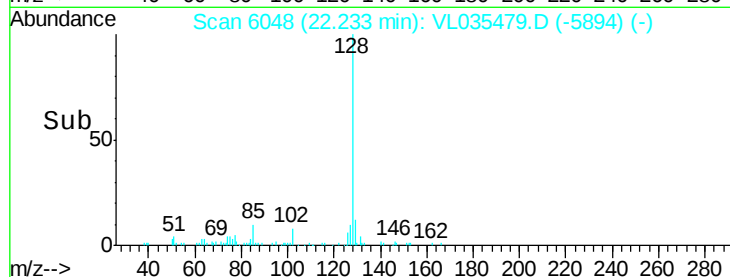
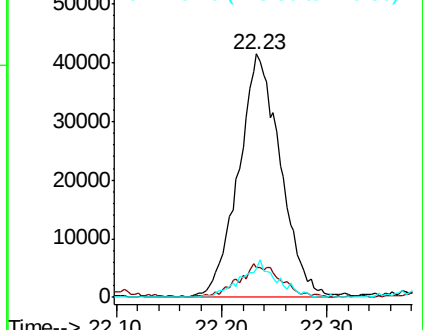
129 11.9 9.5 14.3



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: 0.090 ppbv

RT: 25.00 min Scan# 6910

Delta R.T. 0.01 min

Lab File: VL035479.D

Acq: 20 Aug 2020 17:48

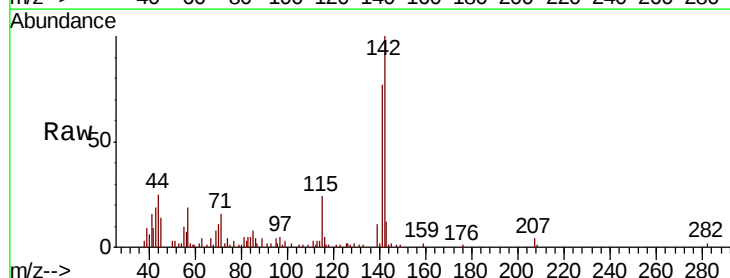
Tgt Ion:142 Resp: 33977

Ion Ratio Lower Upper

142 100

141 89.0 67.1 100.7

115 39.9 36.1 54.1



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

