

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082020\
 Data File : VL035481.D
 Acq On : 20 Aug 2020 19:08
 Operator : SY/AP
 Sample : L3743-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-4DL

Quant Time: Aug 21 06:01:24 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	1070329	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4943357	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4840472	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3453217	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

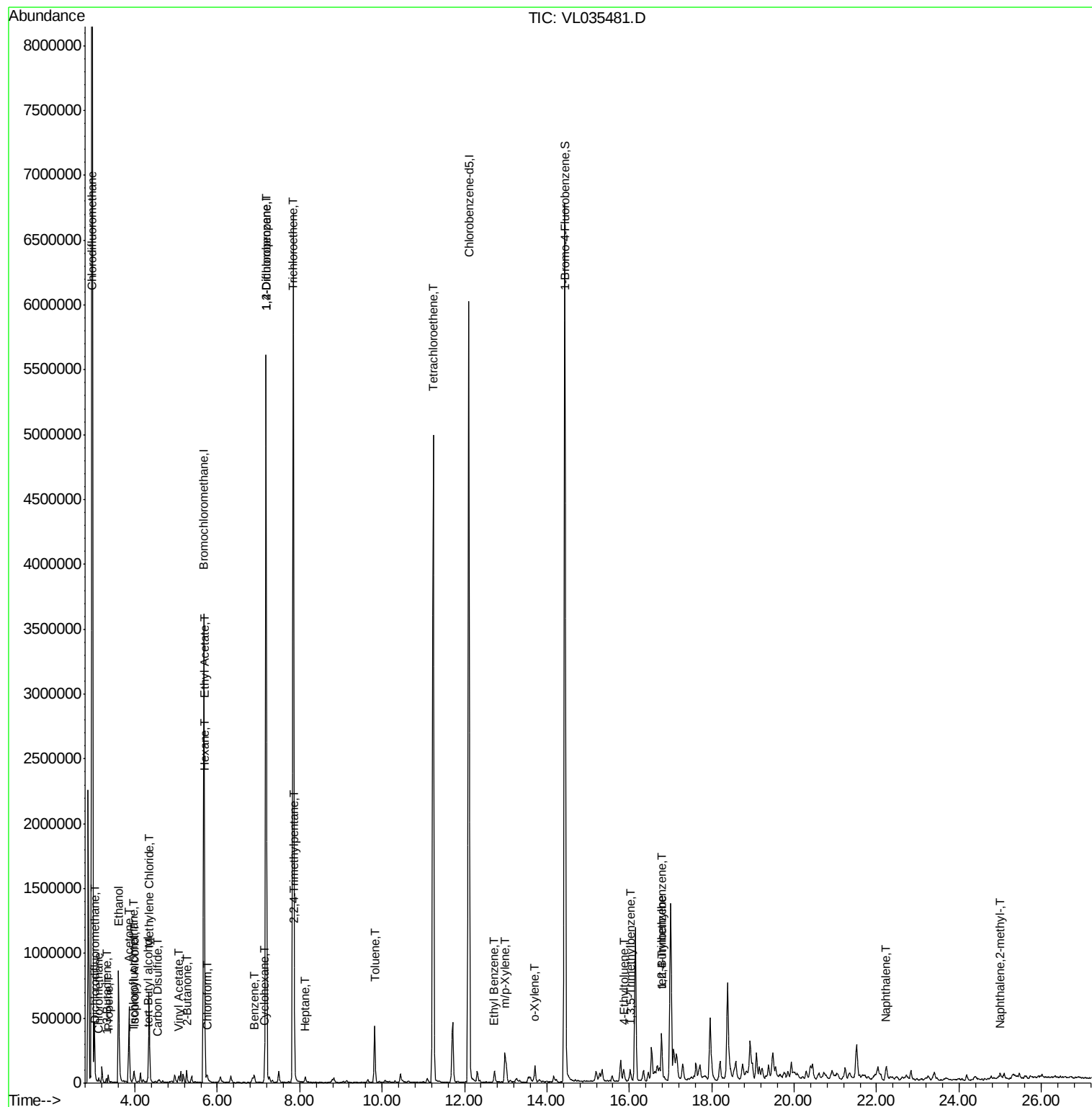
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	15179	0.077	ppbv	94
3) Chlorodifluoromethane	2.96	51	6923440	51.590	ppbv #	58
4) Chloromethane	3.13	50	3790	0.054	ppbv	97
9) Propene	3.35	41	8432	0.156	ppbv	88
10) Heptane	8.13	43	9743	0.069	ppbv #	16
11) Trichlorofluoromethane	3.95	101	15556	0.050	ppbv	98
13) Ethanol	3.60	45	901018	45.591	ppbv	99
15) Acetone	3.85	43	525679	4.267	ppbv #	79
16) 1,3-Butadiene	3.30	39	6661	0.133	ppbv #	9
17) tert-Butyl alcohol	4.31	59	27701	0.174	ppbv #	94
19) Isopropyl Alcohol	3.98	45	97621	1.150	ppbv #	1
20) Methylene Chloride	4.35	84	308756	3.106	ppbv #	65
23) Vinyl Acetate	5.06	43	18623	0.106	ppbv #	1
25) Ethyl Acetate	5.69	43	70072	0.292	ppbv #	81
26) Hexane	5.69	57	123078	0.910	ppbv #	30
27) Carbon Disulfide	4.55	76	13600	0.070	ppbv #	81
29) Chloroform	5.76	83	18012	0.066	ppbv	96
30) Cyclohexane	7.14	84	12121	0.081	ppbv #	15
34) 2-Butanone	5.25	43	92078	0.557	ppbv #	69
36) Benzene	6.89	78	51941	0.143	ppbv #	86
38) Trichloroethene	7.84	130	2508213	12.428	ppbv #	86
39) 1,2-Dichloropropane	7.18	63	859526	7.188	ppbv #	23
44) 2,2,4-Trimethylpentane	7.88	57	42865	0.090	ppbv #	93
52) Tetrachloroethene	11.24	164	1517992	6.859	ppbv	87
53) Toluene	9.82	91	373439	0.799	ppbv	99
58) Ethyl Benzene	12.73	91	83233	0.142	ppbv	96
59) m/p-Xylene	12.99	91	259886	0.526	ppbv #	83
60) o-Xylene	13.71	91	97325	0.203	ppbv	89
65) tert-Butylbenzene	16.79	119	37797	0.049	ppbv #	87
72) 4-Ethyltoluene	15.86	105	69523	0.110	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.02	105	33885	0.058	ppbv #	82
74) 1,2,4-Trimethylbenzene	16.78	105	295511	0.464	ppbv #	70
79) Naphthalene	22.23	128	108717	0.121	ppbv #	93
80) Naphthalene,2-methyl-	25.00	142	32816	0.089	ppbv	95

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

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QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

SSMP-4DL

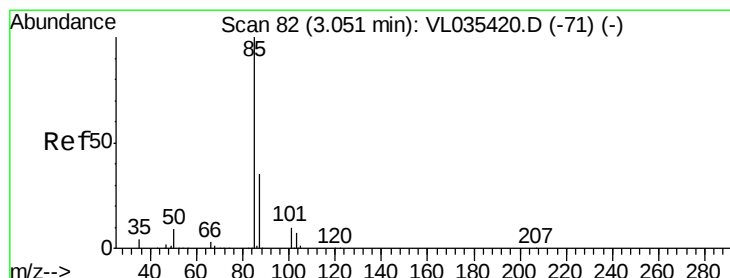
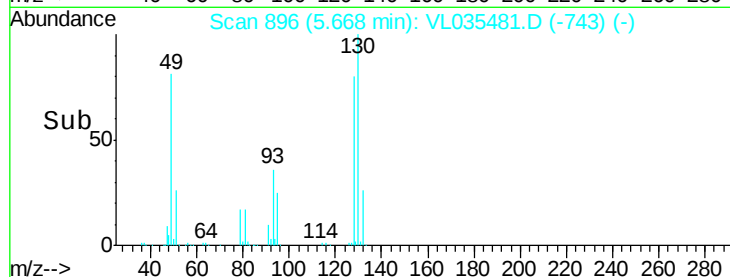
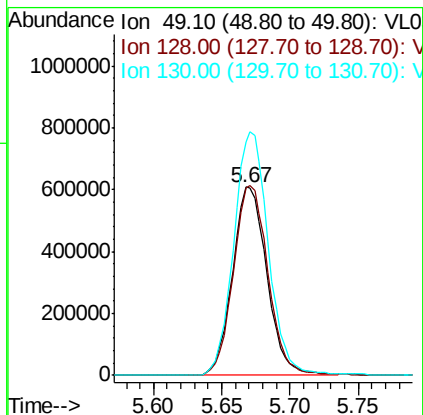
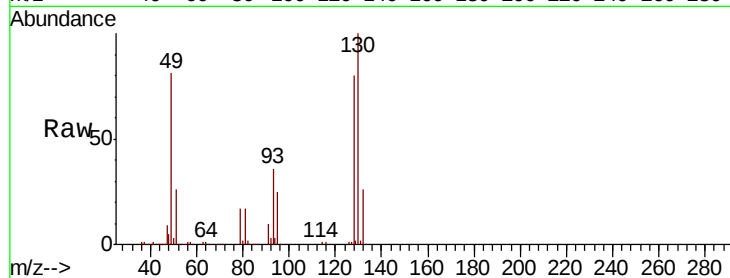
Tot Ion: 49 Resp: 1070329

Ion Ratio Lower Upper

49 100

128 102.4 20.9 62.7#

130 130.9 26.7 80.1#



#2

Dichlorodifluoromethane

Concen: 0.077 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL035481.D

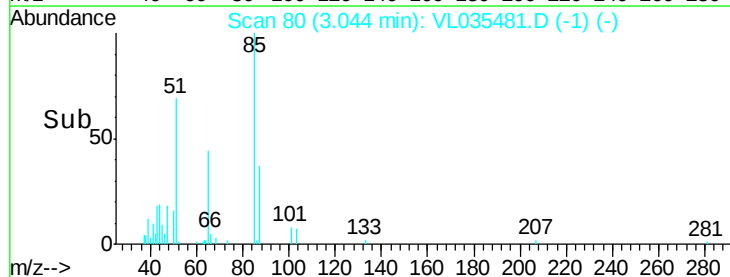
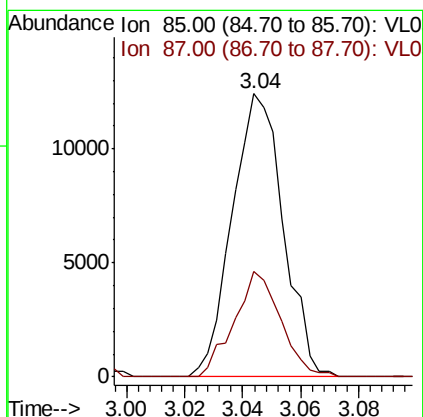
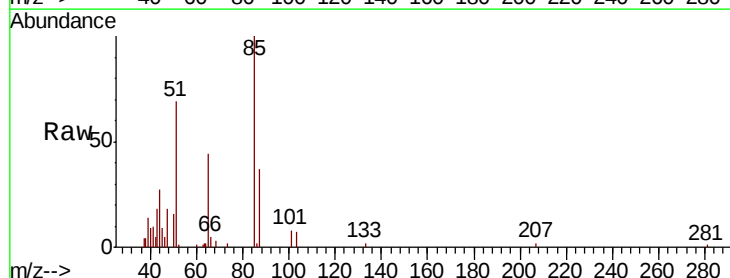
Acq: 20 Aug 2020 19:08

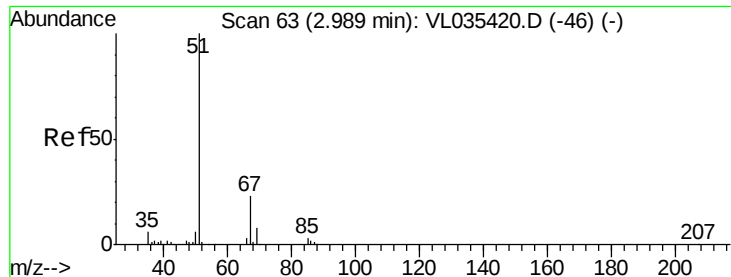
Tgt Ion: 85 Resp: 15179

Ion Ratio Lower Upper

85 100

87 37.2 27.1 40.7





#3

Chlorodifluoromethane

Concen: 51.590 ppbv

RT: 2.96 min Scan# 54

Delta R.T. -0.02 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

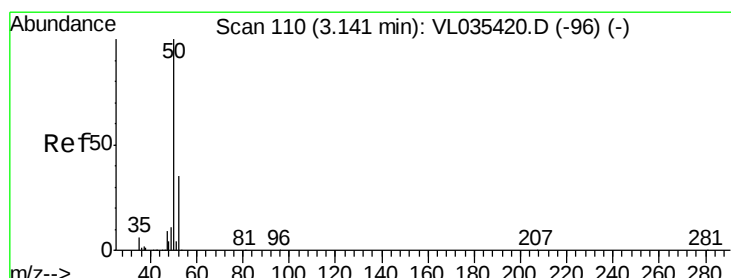
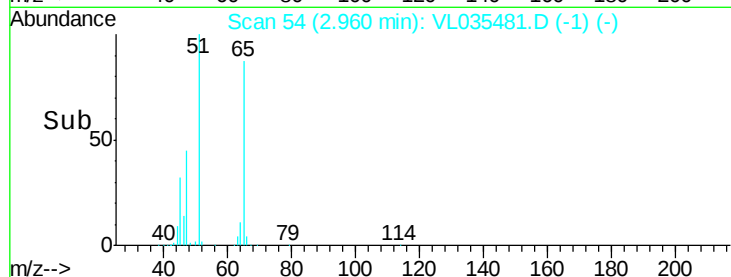
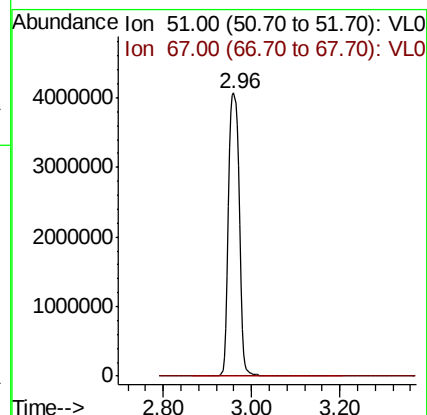
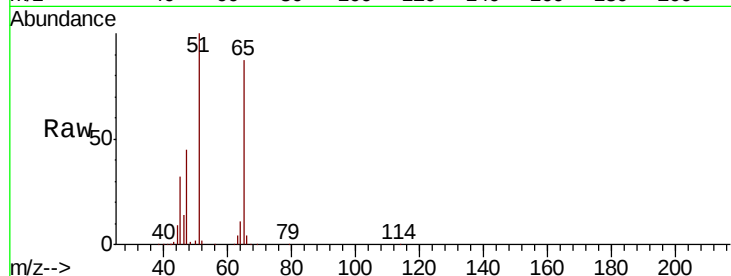
SSMP-4DL

Tot Ion: 51 Resp: 6923440

Ion Ratio Lower Upper

51 100

67 0.1 15.0 22.6#



#4

Chloromethane

Concen: 0.054 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL035481.D

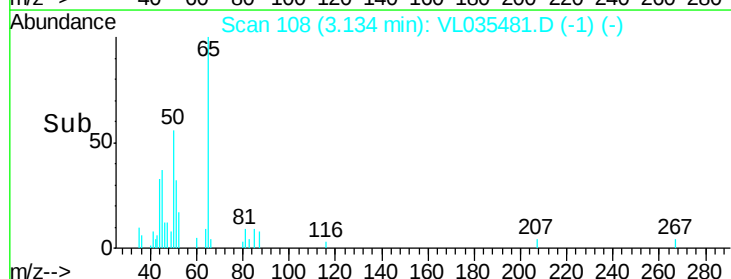
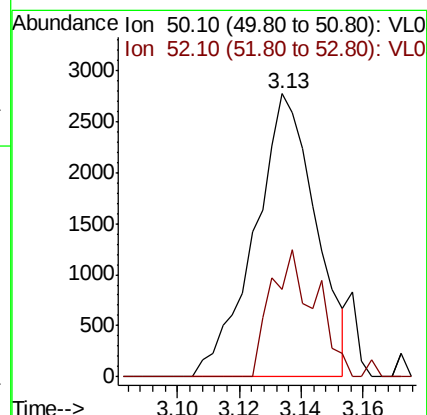
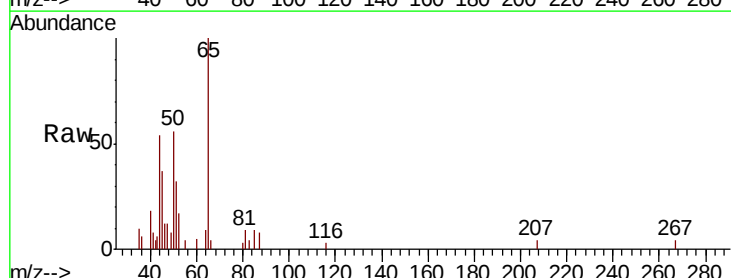
Acq: 20 Aug 2020 19:08

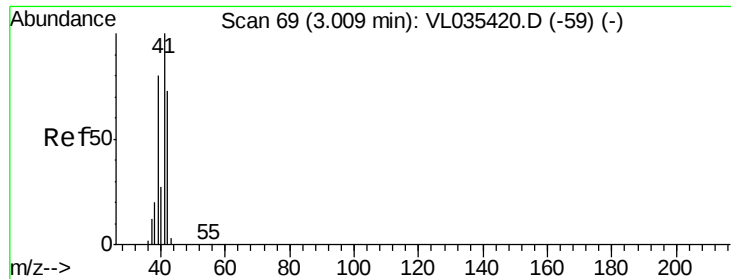
Tgt Ion: 50 Resp: 3790

Ion Ratio Lower Upper

50 100

52 30.9 25.9 38.9





#9

Propene

Concen: 0.156 ppbv

RT: 3.35 min Scan# 176

Delta R.T. 0.35 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

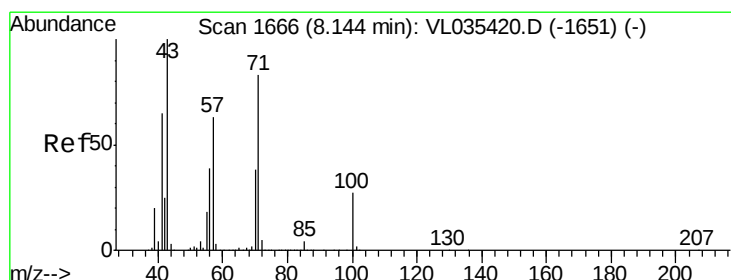
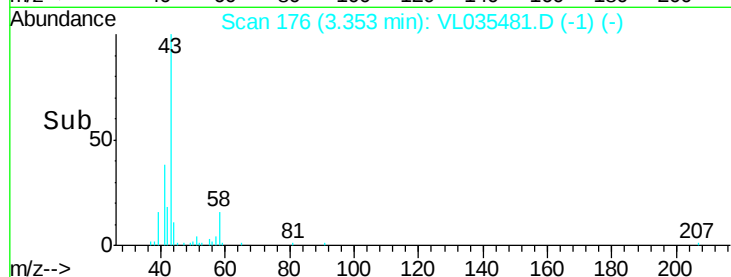
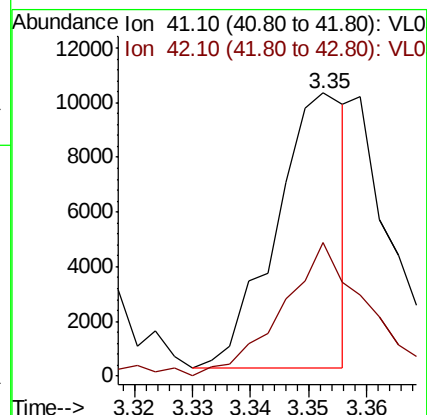
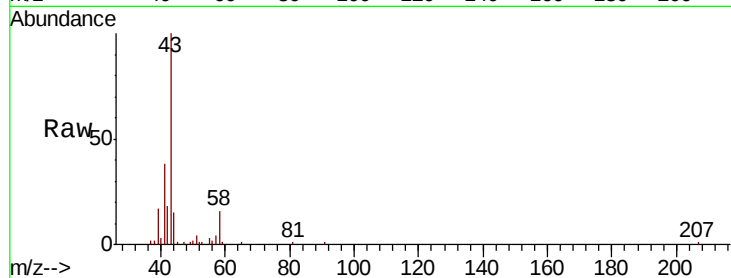
SSMP-4DL

Tot Ion: 41 Resp: 8432

Ion Ratio Lower Upper

41 100

42 59.3 55.5 83.3



#10

Heptane

Concen: 0.069 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. -0.01 min

Lab File: VL035481.D

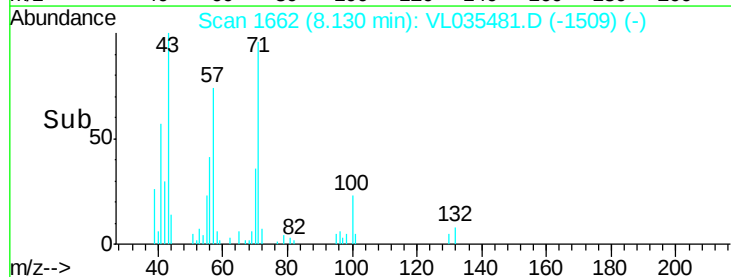
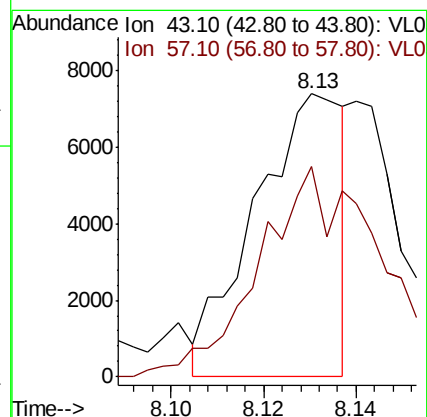
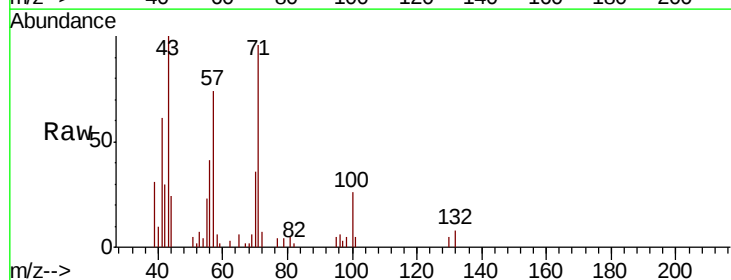
Acq: 20 Aug 2020 19:08

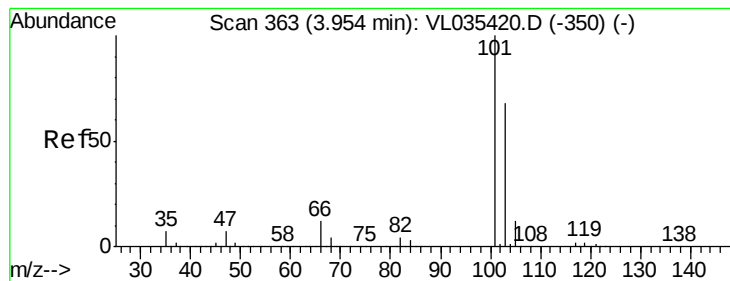
Tgt Ion: 43 Resp: 9743

Ion Ratio Lower Upper

43 100

57 107.7 39.8 59.6#





#11

Trichlorofluoromethane

Concen: 0.050 ppbv

RT: 3.95 min Scan# 362

Delta R.T. 0.00 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

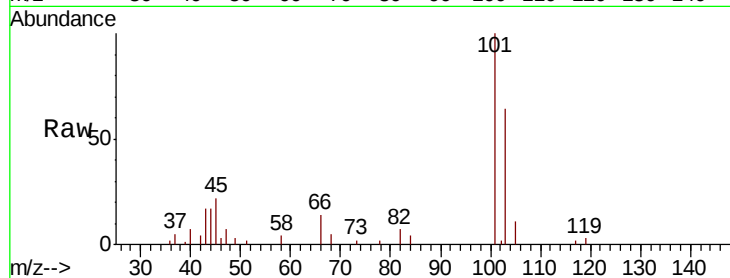
SSMP-4DL

Tot Ion:101 Resp: 15556

Ion Ratio Lower Upper

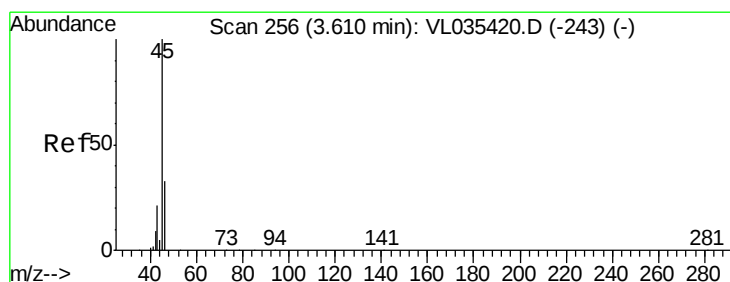
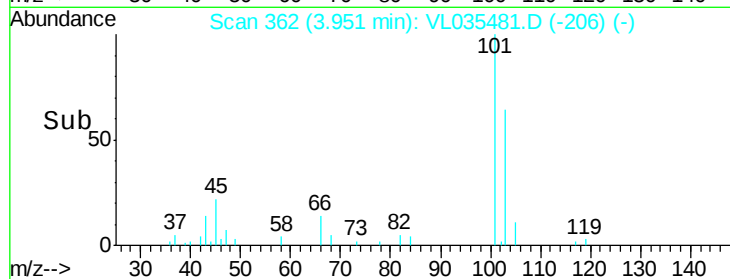
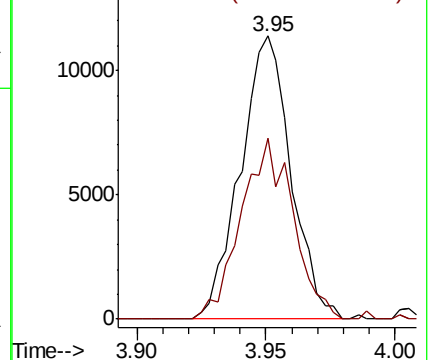
101 100

103 63.9 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: 45.591 ppbv

RT: 3.60 min Scan# 253

Delta R.T. -0.00 min

Lab File: VL035481.D

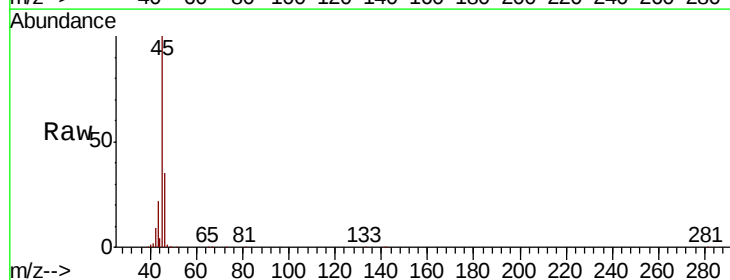
Acq: 20 Aug 2020 19:08

Tgt Ion: 45 Resp: 901018

Ion Ratio Lower Upper

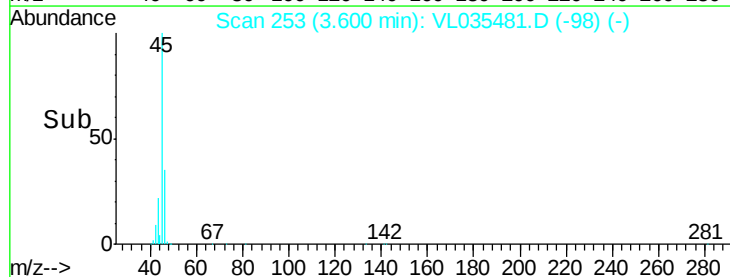
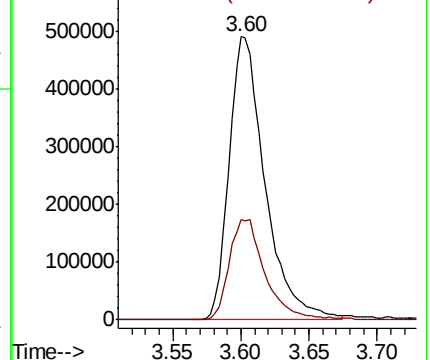
45 100

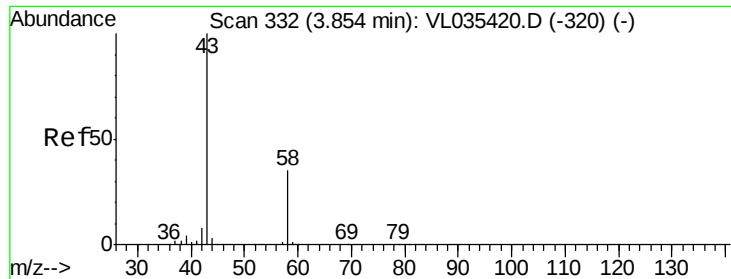
46 35.7 14.2 56.6



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 4.267 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.01 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

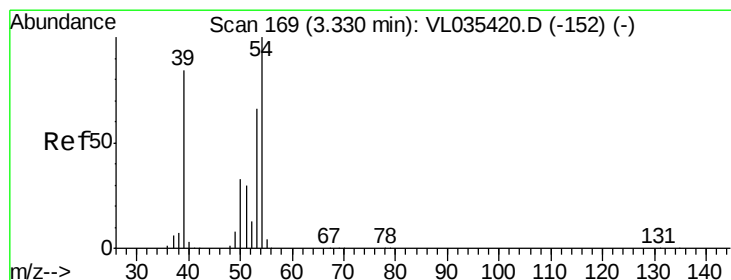
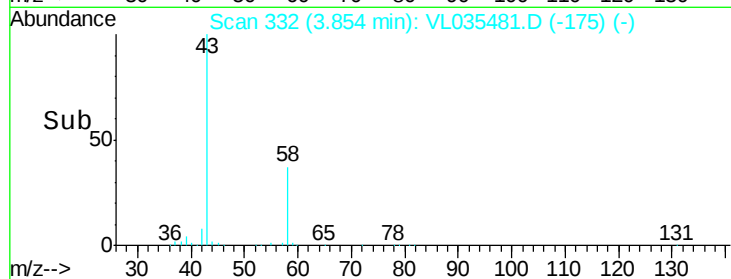
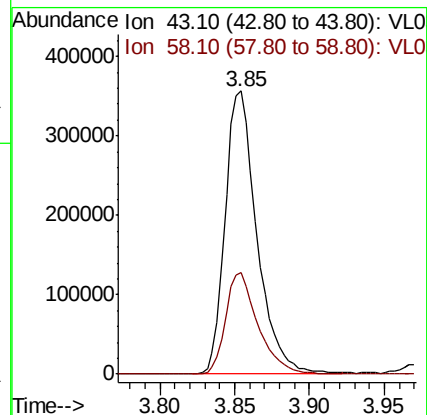
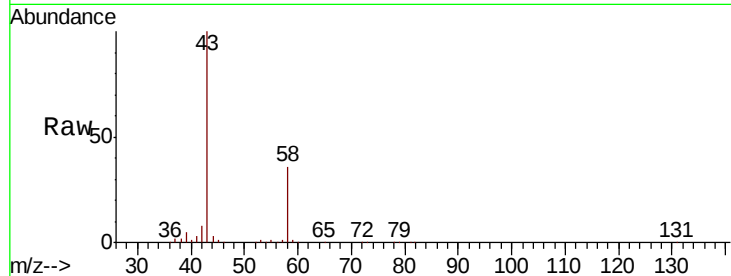
SSMP-4DL

Tot Ion: 43 Resp: 525679

Ion Ratio Lower Upper

43 100

58 36.9 21.0 31.6#



#16

1,3-Butadiene

Concen: 0.133 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.02 min

Lab File: VL035481.D

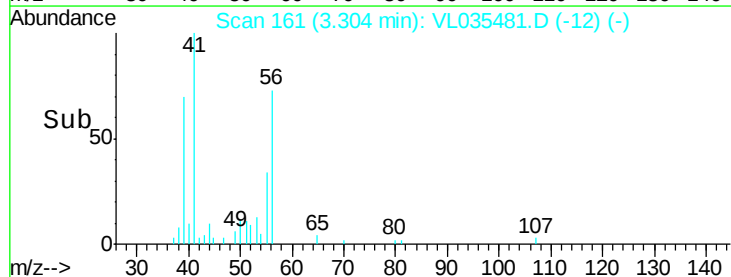
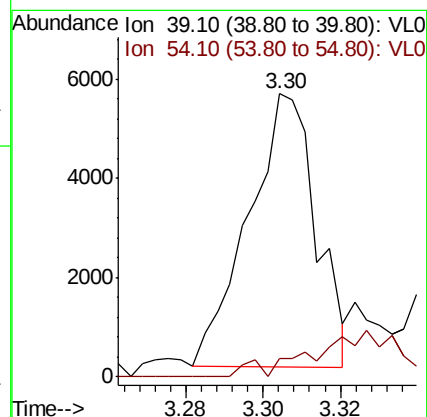
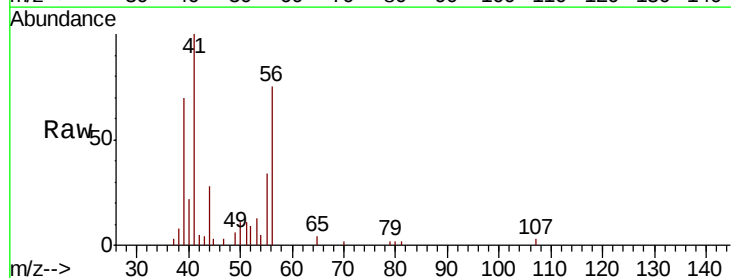
Acq: 20 Aug 2020 19:08

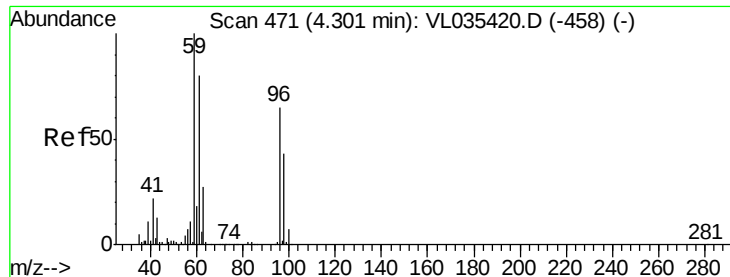
Tgt Ion: 39 Resp: 6661

Ion Ratio Lower Upper

39 100

54 0.0 64.4 96.6#





#17

tert-Butyl alcohol

Concen: 0.174 ppbv

RT: 4.31 min Scan# 475

Delta R.T. 0.02 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

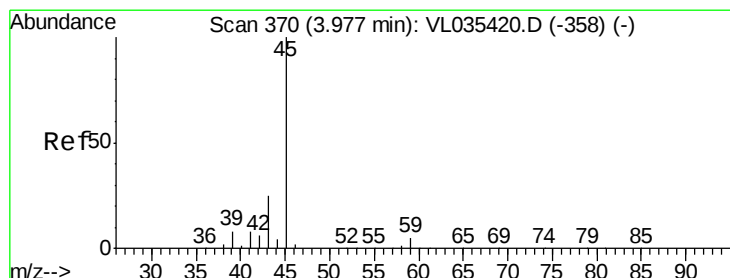
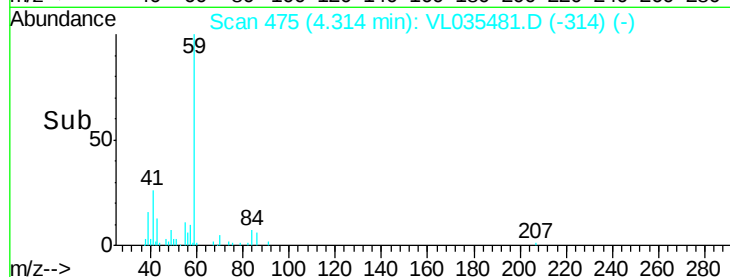
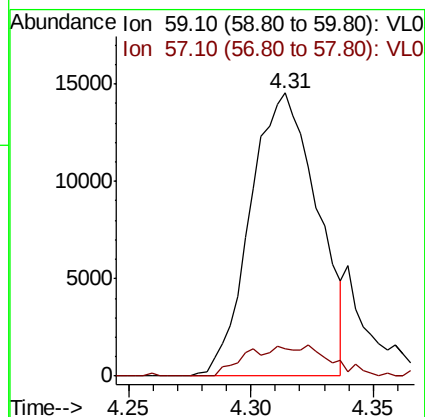
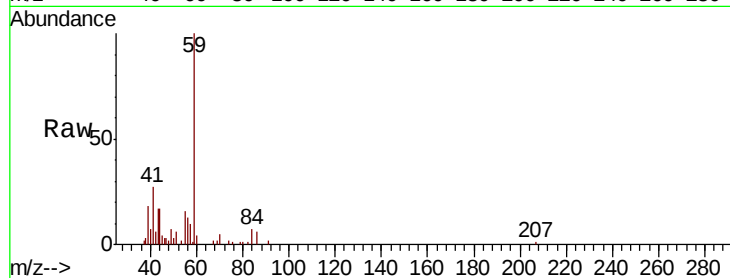
SSMP-4DL

Tot Ion: 59 Resp: 27701

Ion Ratio Lower Upper

59 100

57 13.5 8.9 13.3#



#19

Isopropyl Alcohol

Concen: 1.150 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL035481.D

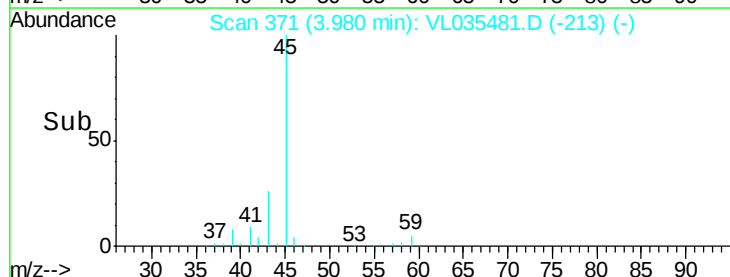
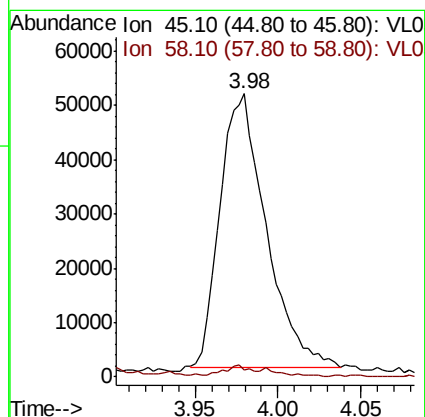
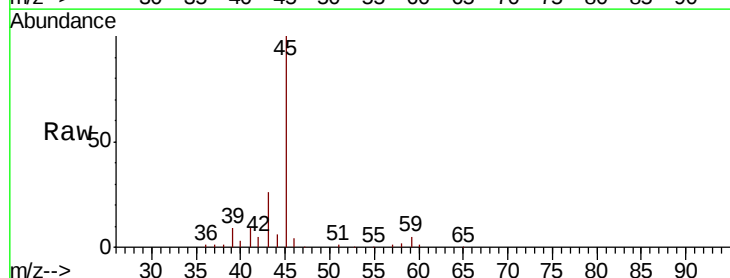
Acq: 20 Aug 2020 19:08

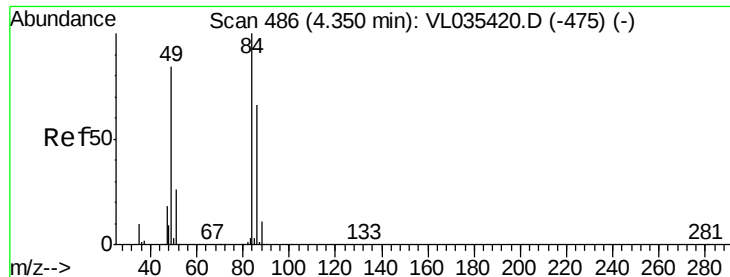
Tgt Ion: 45 Resp: 97621

Ion Ratio Lower Upper

45 100

58 199.1 1.0 1.6#





#20

Methylene Chloride

Concen: 3.106 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

SSMP-4DL

Tot Ion: 84 Resp: 308756

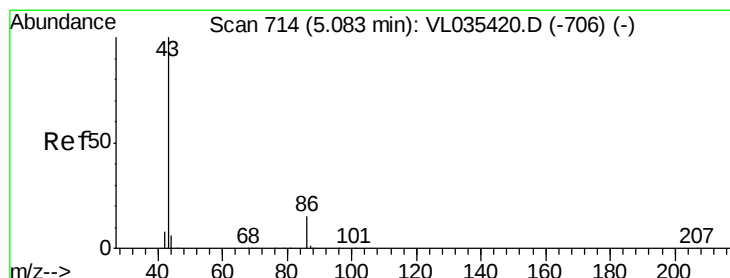
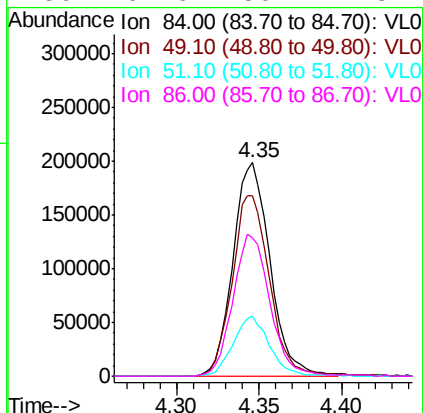
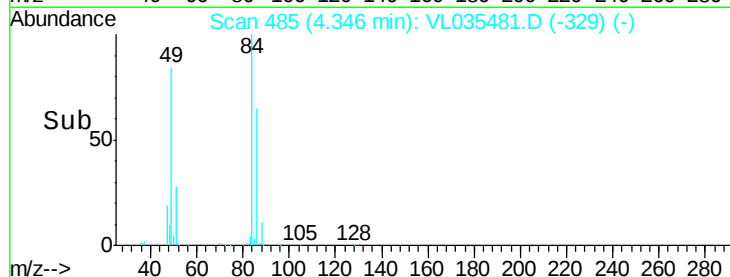
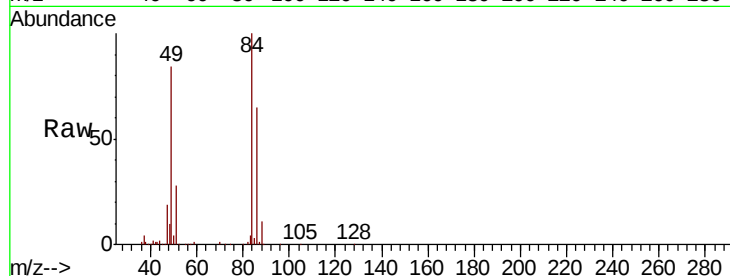
Ion Ratio Lower Upper

84 100

49 84.5 118.6 177.8#

51 27.7 36.4 54.6#

86 64.6 50.2 75.4



#23

Vinyl Acetate

Concen: 0.106 ppbv

RT: 5.06 min Scan# 708

Delta R.T. -0.02 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Tgt Ion: 43 Resp: 18623

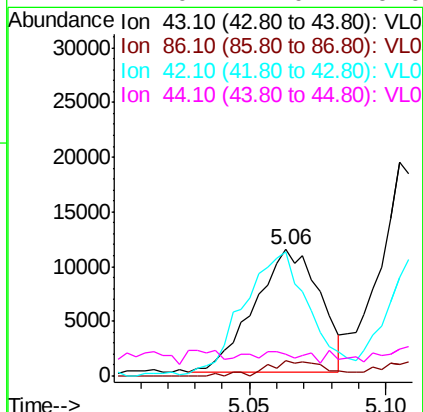
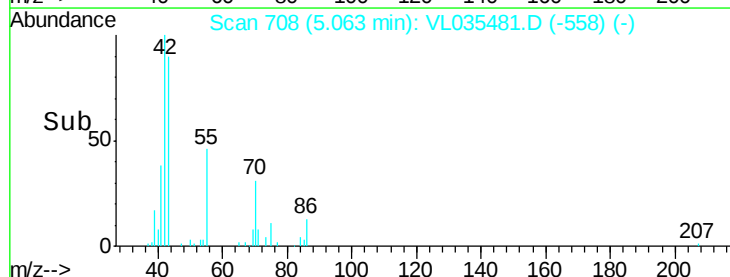
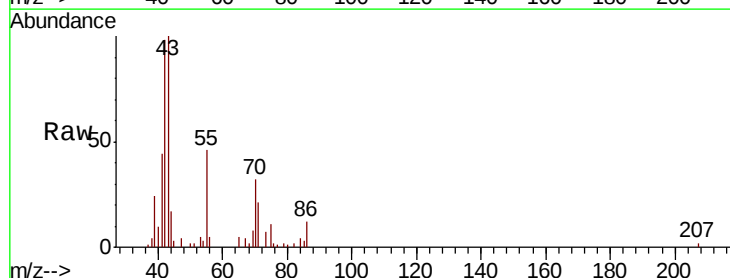
Ion Ratio Lower Upper

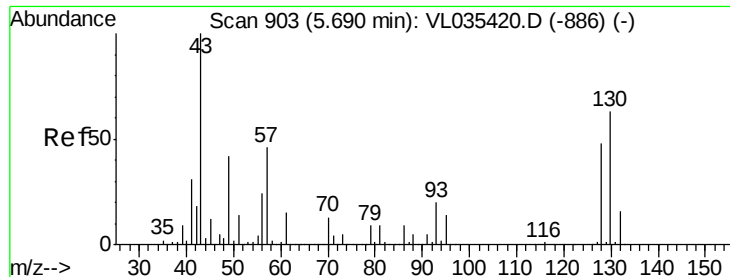
43 100

86 12.5 6.5 9.7#

42 100.0 8.3 12.5#

44 4.0 4.0 6.0





#25

Ethyl Acetate

Concen: 0.292 ppbv

RT: 5.69 min Scan# 903

Delta R.T. 0.01 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

SSMP-4DL

Tot Ion: 43 Resp: 70072

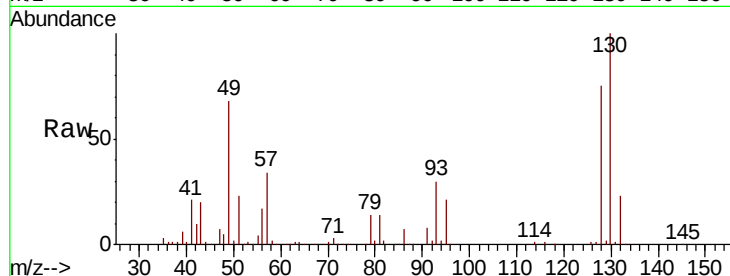
Ion Ratio Lower Upper

43 100

45 3.1 8.3 12.5#

61 1.4 7.6 11.4#

70 3.0 6.0 9.0#

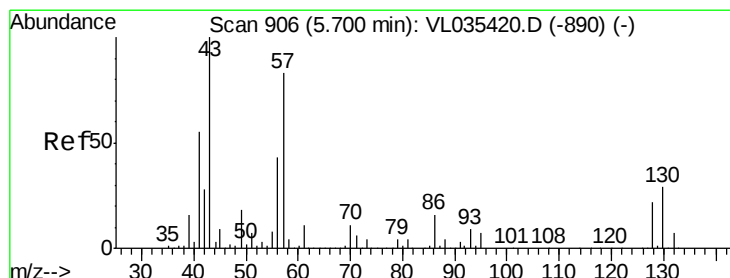
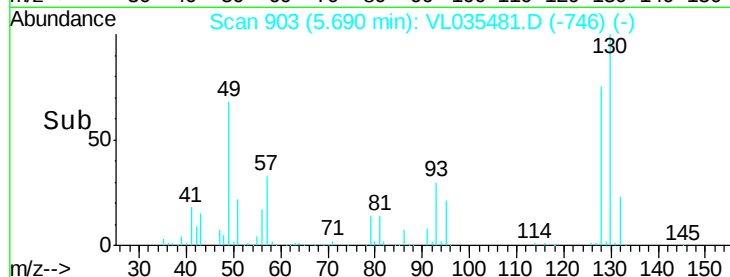
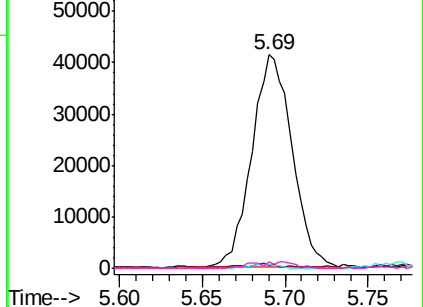


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.910 ppbv

RT: 5.69 min Scan# 904

Delta R.T. -0.00 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Tgt Ion: 57 Resp: 123078

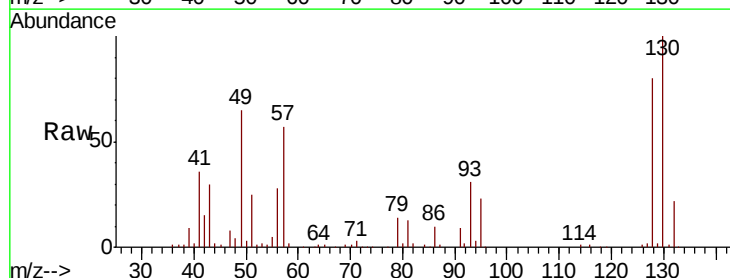
Ion Ratio Lower Upper

57 100

41 67.6 75.5 113.3#

43 58.2 181.7 272.5#

56 52.0 42.4 63.6

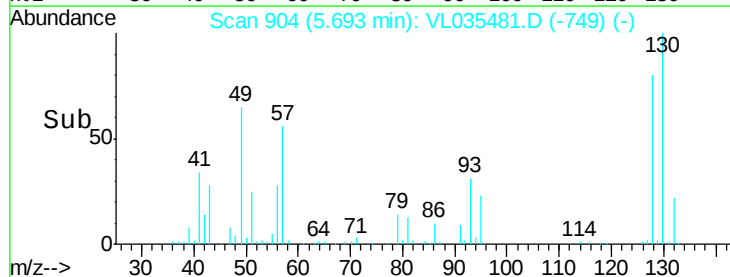
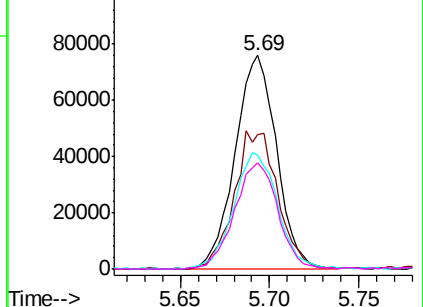


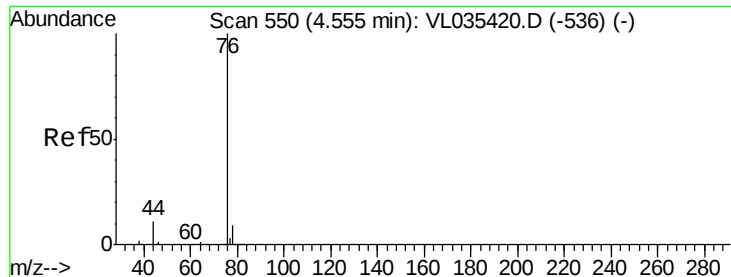
Abundance Ion 57.10 (56.80 to 57.80): VL0

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





#27

Carbon Disulfide

Concen: 0.070 ppbv

RT: 4.55 min Scan# 549

Delta R.T. -0.00 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

SSMP-4DL

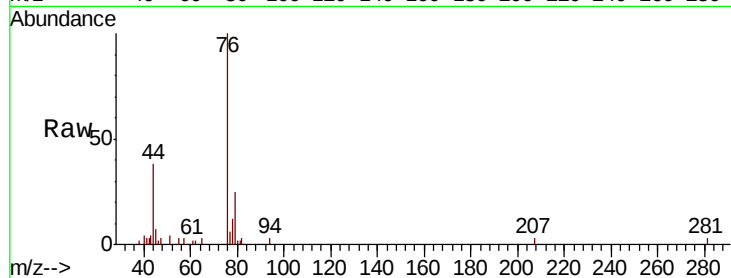
Tot Ion: 76 Resp: 13600

Ion Ratio Lower Upper

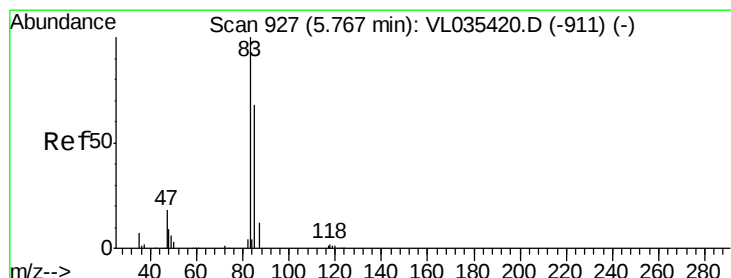
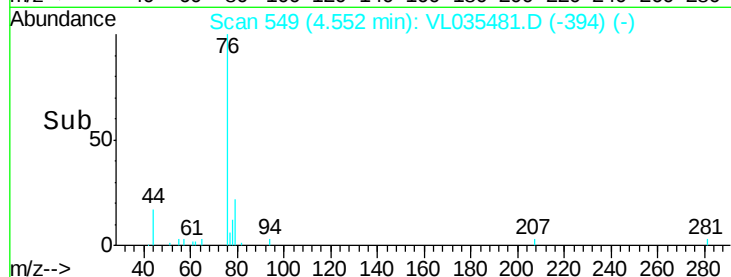
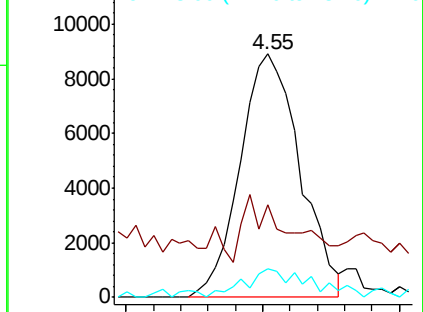
76 100

44 31.8 16.8 25.2#

78 12.8 7.3 10.9#



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: 0.066 ppbv

RT: 5.76 min Scan# 924

Delta R.T. -0.00 min

Lab File: VL035481.D

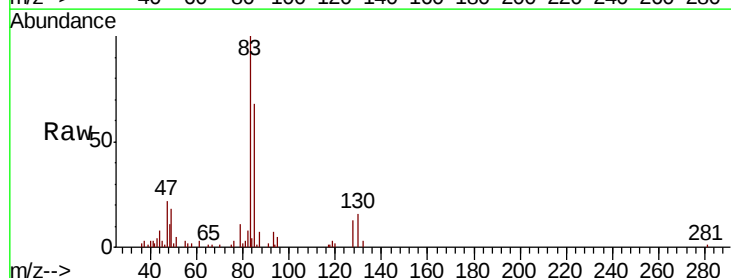
Acq: 20 Aug 2020 19:08

Tgt Ion: 83 Resp: 18012

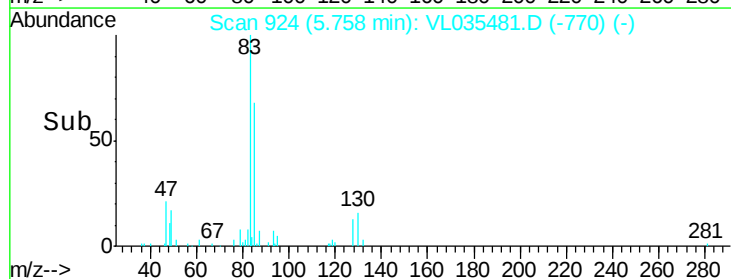
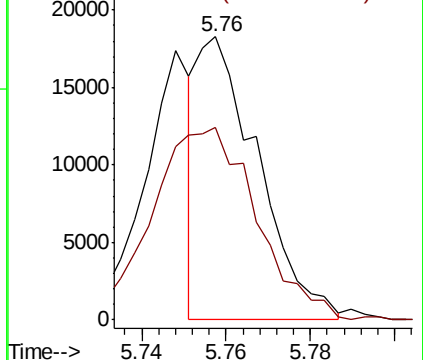
Ion Ratio Lower Upper

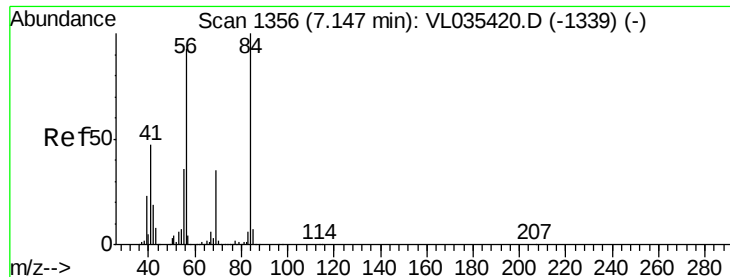
83 100

85 68.7 52.7 79.1



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0

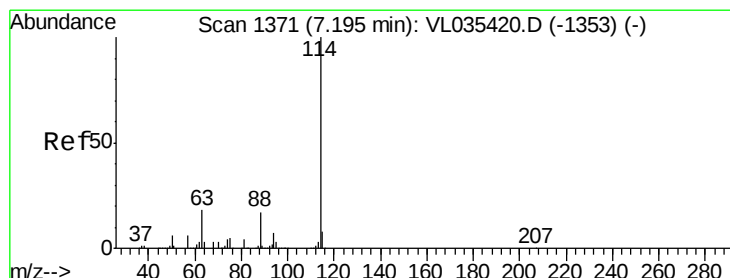
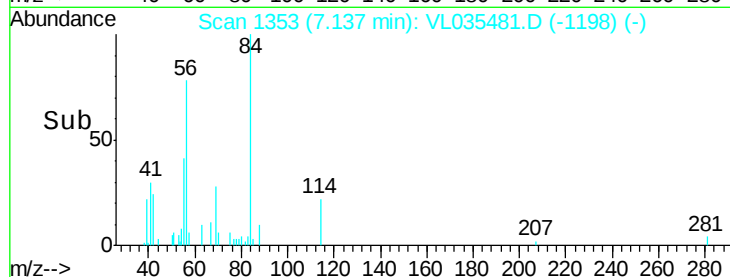
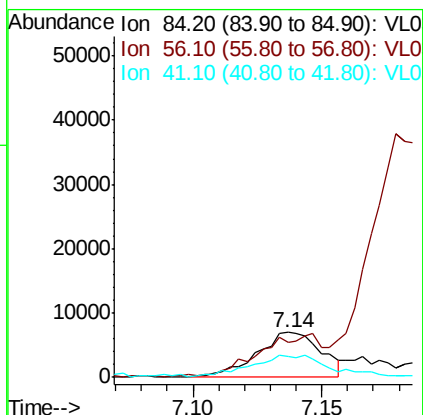
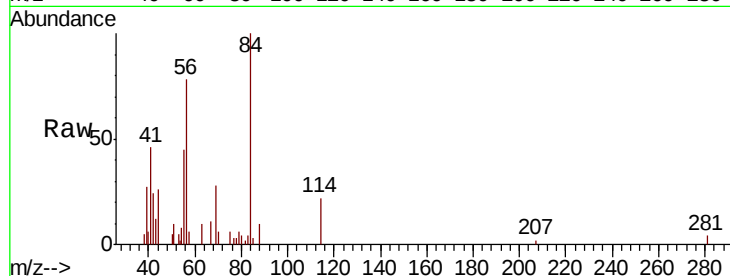




#30
Cvclohexane
Concen: 0.081 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL035481.D
Acq: 20 Aug 2020 19:08

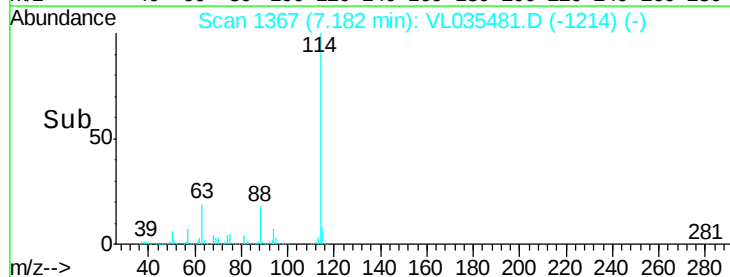
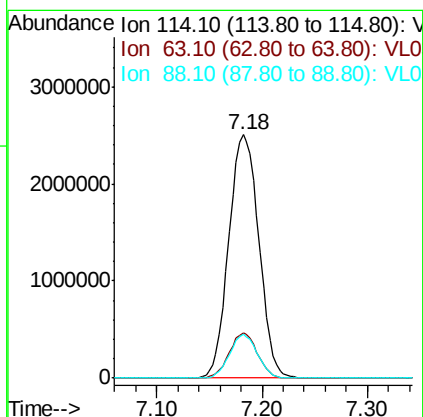
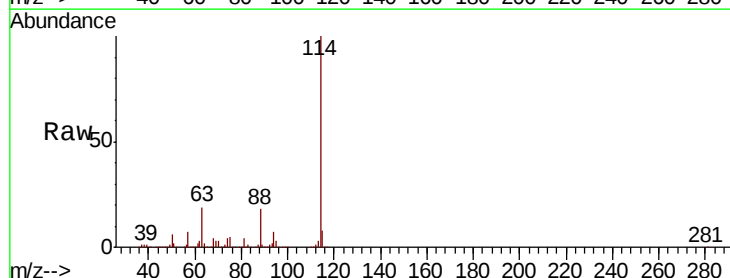
Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DL

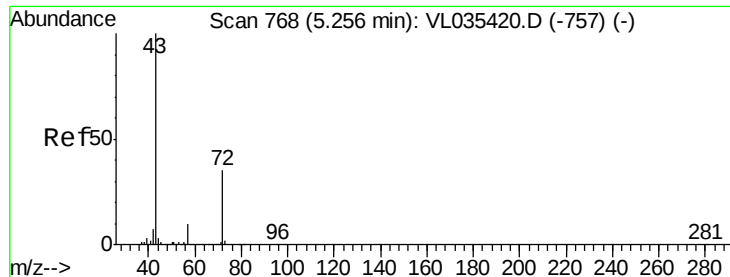
Tot Ion: 84 Resp: 12121
Ion Ratio Lower Upper
84 100
56 0.0 114.9 172.3#
41 56.7 72.3 108.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VL035481.D
Acq: 20 Aug 2020 19:08

Tgt Ion: 114 Resp: 4943357
Ion Ratio Lower Upper
114 100
63 17.4 23.1 34.7#
88 16.7 15.9 23.9

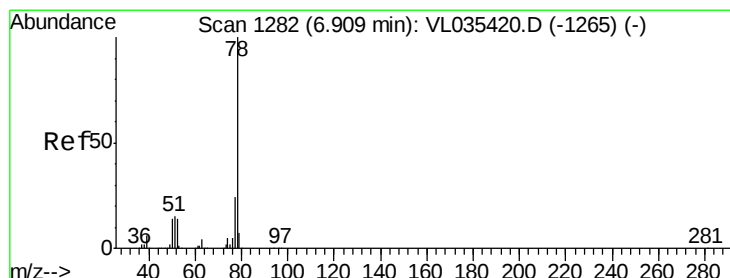
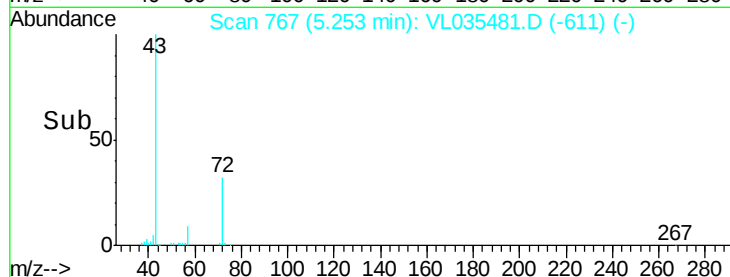
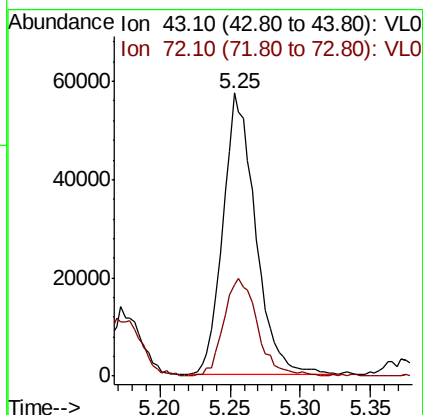
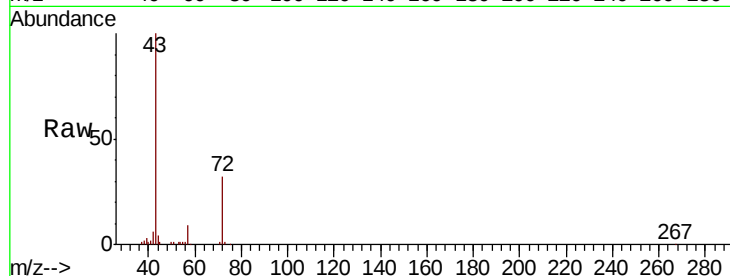




#34
 2-Butanone
 Concen: 0.557 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VL035481.D
 Acq: 20 Aug 2020 19:08

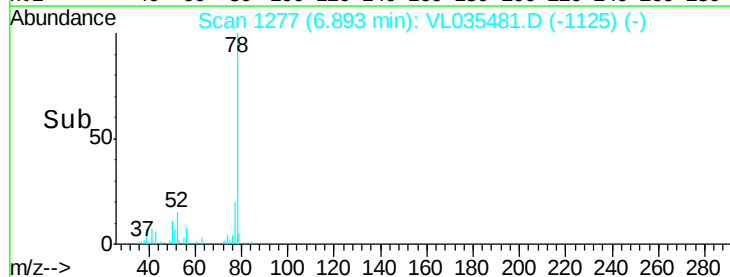
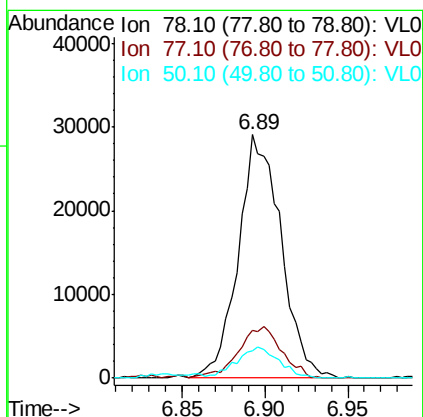
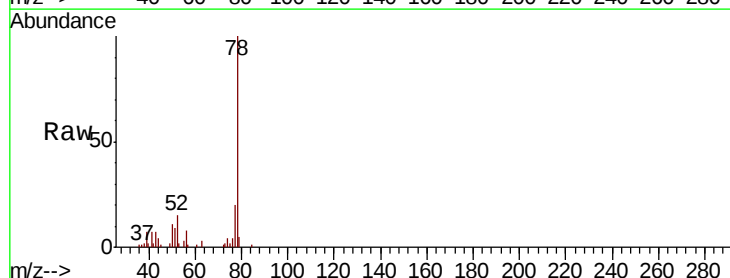
Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-4DL

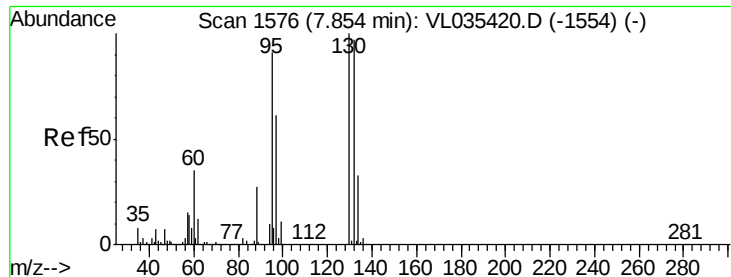
Tot Ion: 43 Resp: 92078
 Ion Ratio Lower Upper
 43 100
 72 36.6 17.6 26.4#



#36
 Benzene
 Concen: 0.143 ppbv
 RT: 6.89 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VL035481.D
 Acq: 20 Aug 2020 19:08

Tgt Ion: 78 Resp: 51941
 Ion Ratio Lower Upper
 78 100
 77 19.8 19.6 29.4
 50 11.0 16.3 24.5#





#38

Trichloroethene

Concen: 12.428 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. -0.01 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

SSMP-4DL

Tot Ion:130 Resp: 2508213

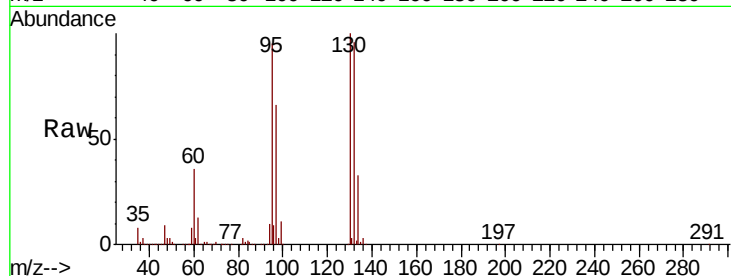
Ion Ratio Lower Upper

130 100

95 95.5 95.8 143.8#

132 96.2 74.3 111.5

97 65.9 62.6 94.0



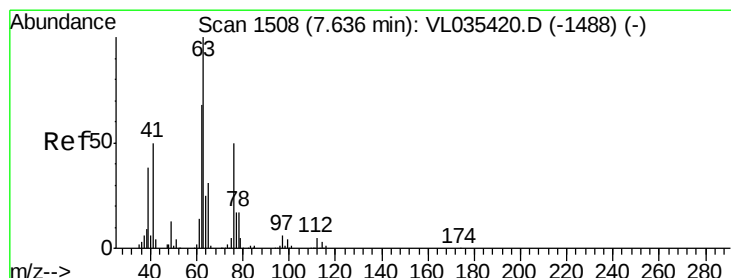
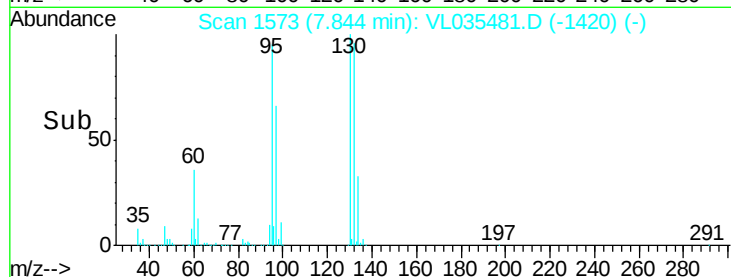
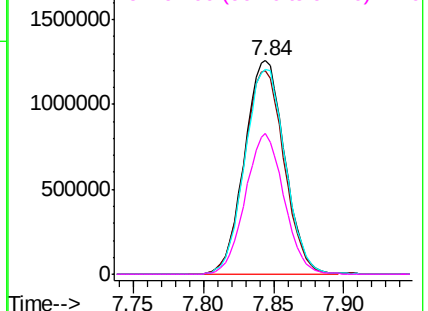
Abundance

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: 7.188 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.44 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

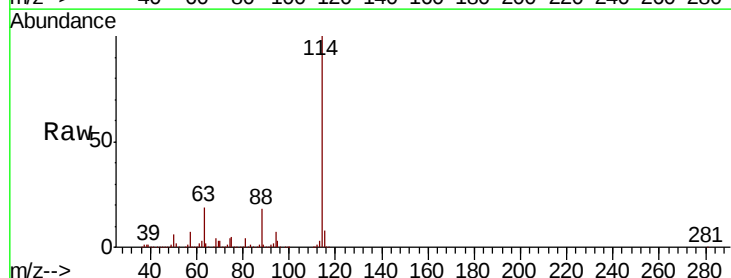
Tgt Ion: 63 Resp: 859526

Ion Ratio Lower Upper

63 100

41 0.0 61.1 91.7#

62 16.5 55.3 82.9#

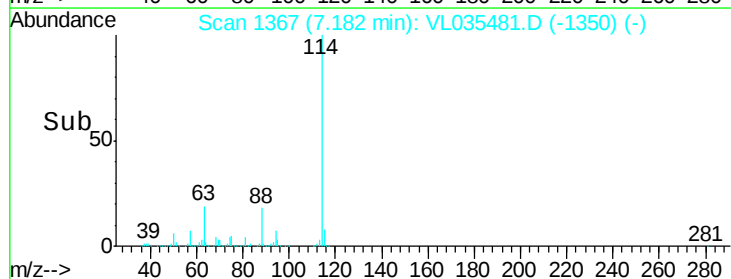
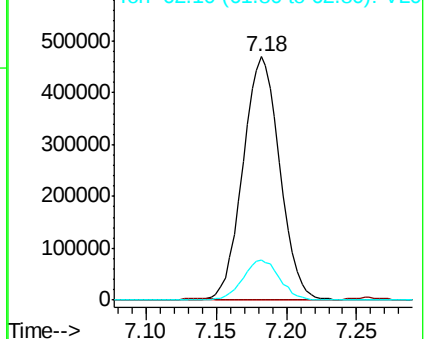


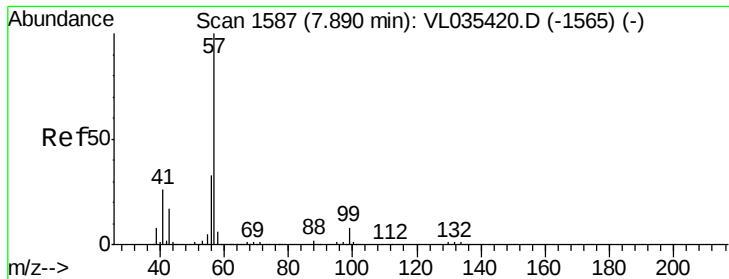
Abundance

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





#44

2,2,4-Trimethylpentane

Concen: 0.090 ppbv

RT: 7.88 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

SSMP-4DL

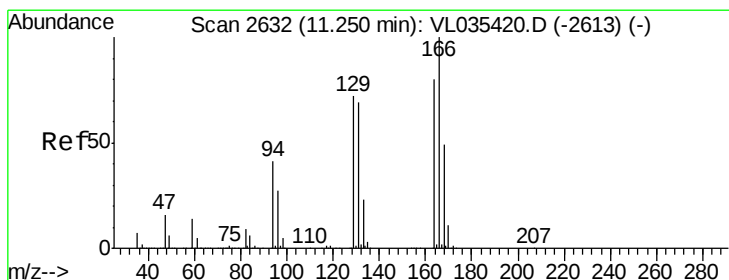
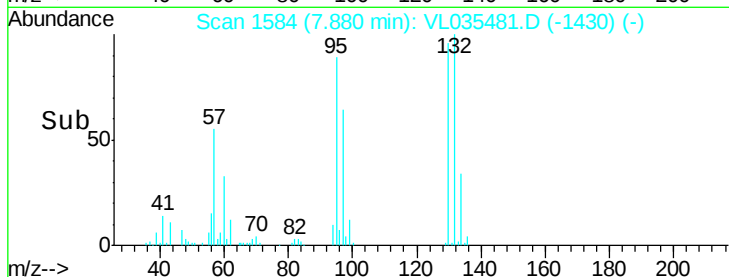
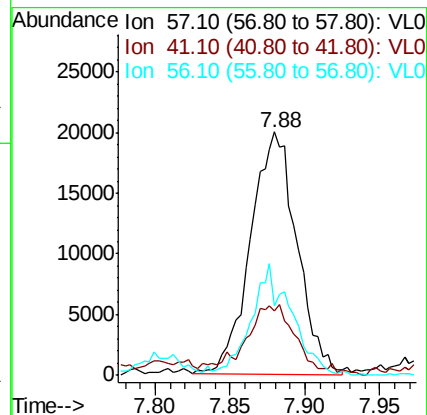
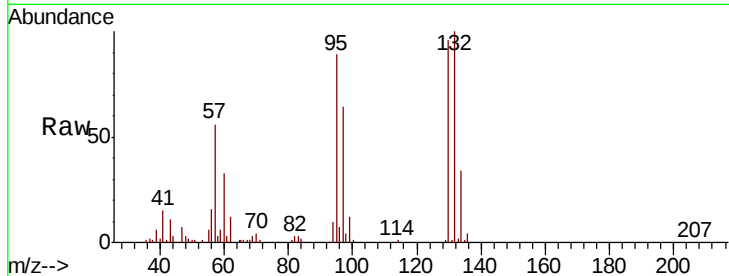
Tot Ion: 57 Resp: 42865

Ion Ratio Lower Upper

57 100

41 33.9 27.2 40.8

56 40.1 25.4 38.0#



#52

Tetrachloroethene

Concen: 6.859 ppbv

RT: 11.24 min Scan# 2628

Delta R.T. -0.01 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Tgt Ion:164 Resp: 1517992

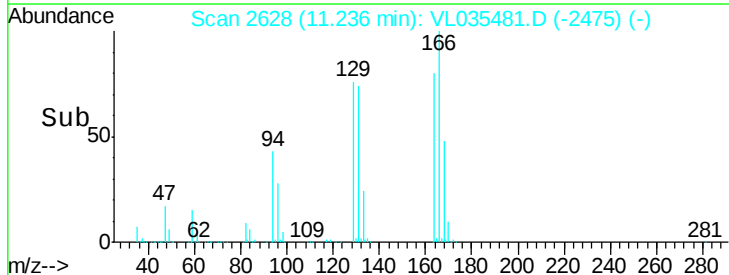
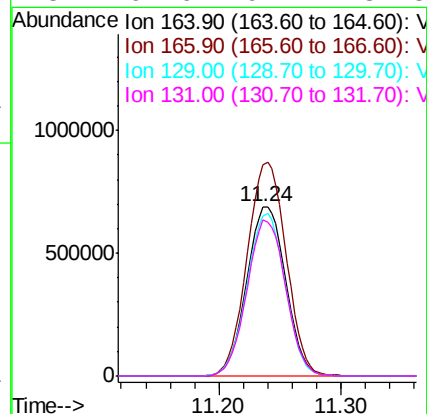
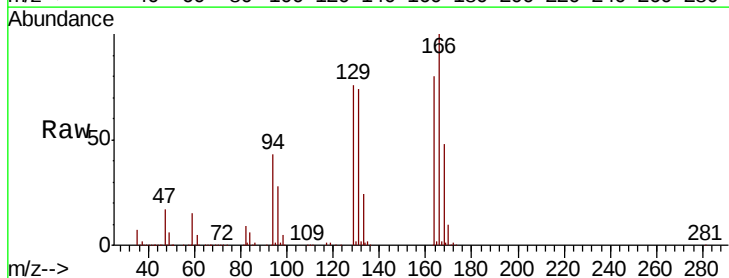
Ion Ratio Lower Upper

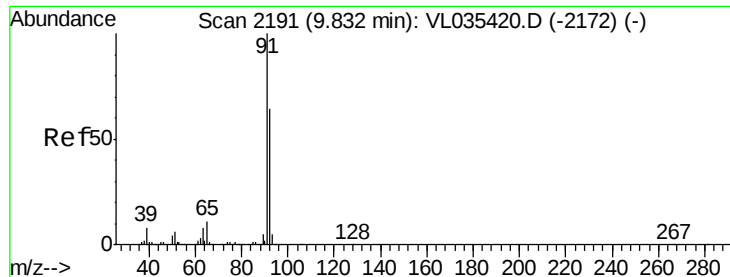
164 100

166 124.6 103.4 155.0

129 94.5 90.2 135.4

131 92.6 91.7 137.5





#53

Toluene

Concen: 0.799 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. -0.00 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

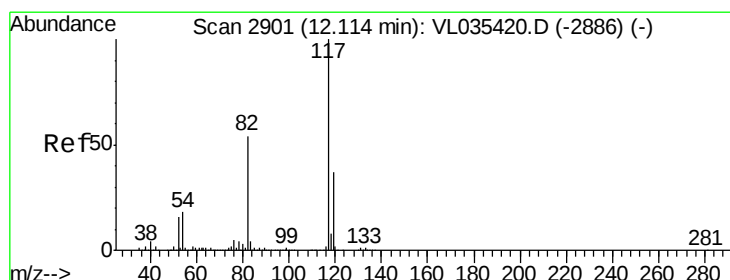
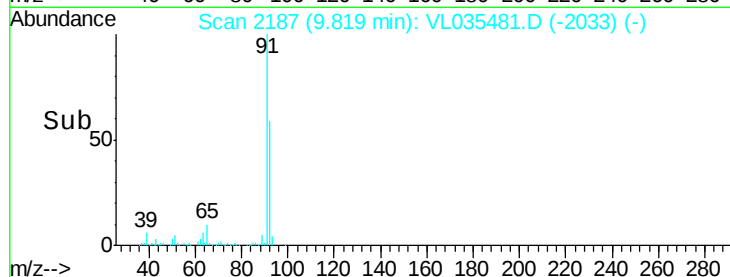
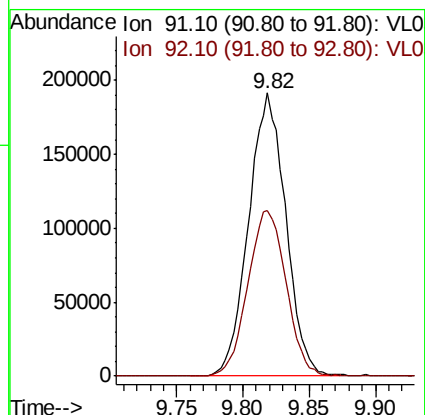
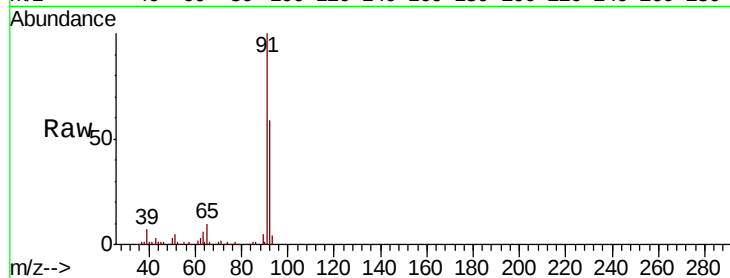
SSMP-4DL

Tot Ion: 91 Resp: 373439

Ion Ratio Lower Upper

91 100

92 60.7 49.1 73.7



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. -0.01 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

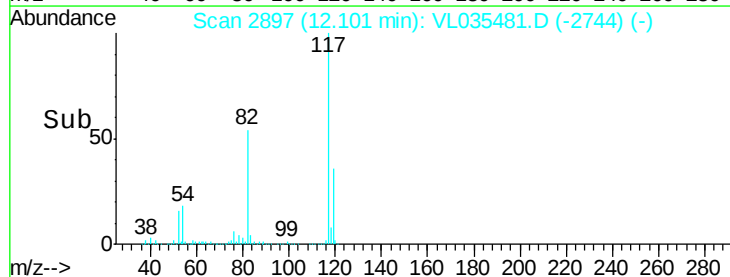
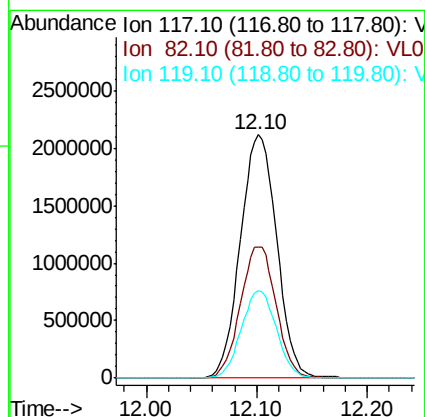
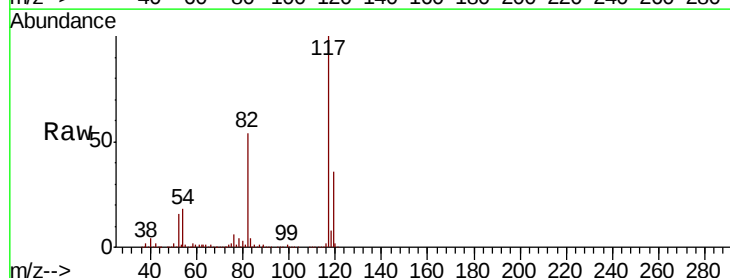
Tgt Ion: 117 Resp: 4840472

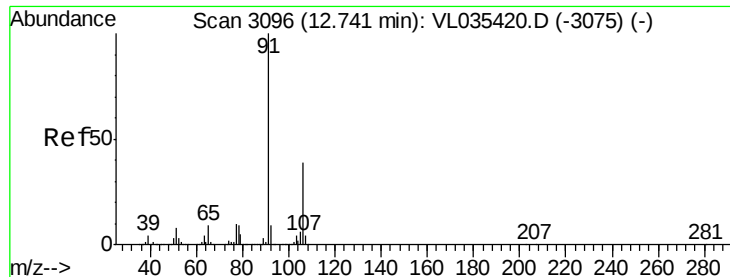
Ion Ratio Lower Upper

117 100

82 53.1 57.4 86.0#

119 35.0 28.4 42.6

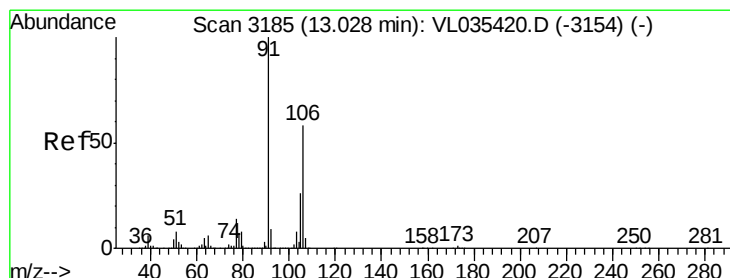
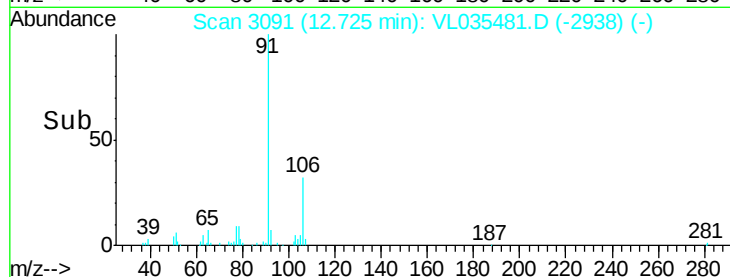
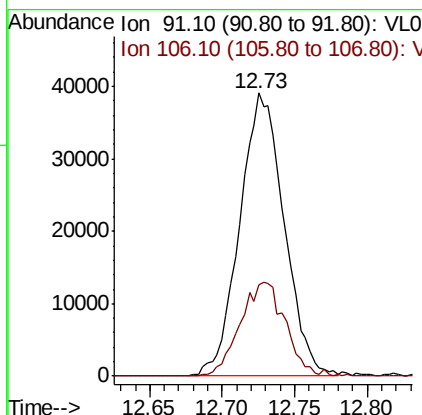
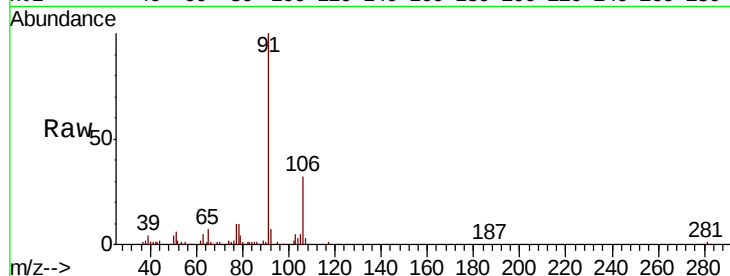




#58
Ethyl Benzene
Concen: 0.142 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. -0.01 min
Lab File: VL035481.D
Acq: 20 Aug 2020 19:08

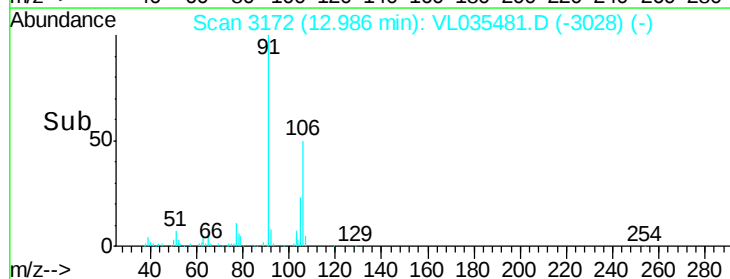
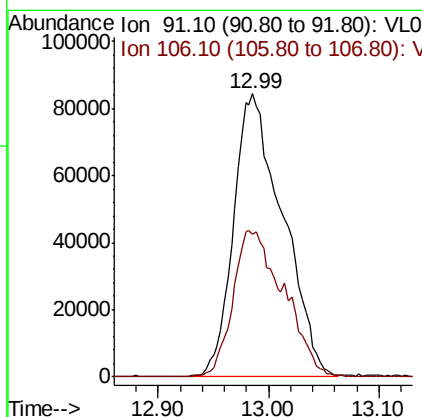
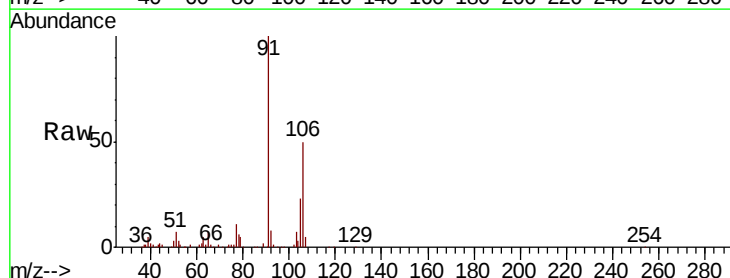
Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DL

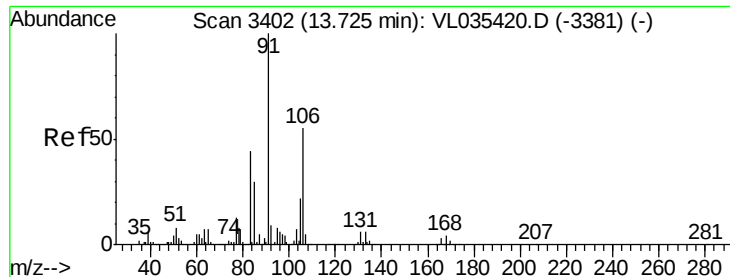
Tot Ion: 91 Resp: 83233
Ion Ratio Lower Upper
91 100
106 32.4 24.1 36.1



#59
m/p-Xylene
Concen: 0.526 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. -0.04 min
Lab File: VL035481.D
Acq: 20 Aug 2020 19:08

Tgt Ion: 91 Resp: 259886
Ion Ratio Lower Upper
91 100
106 53.4 34.0 51.0#





#60

o-Xylene

Concen: 0.203 ppbv

RT: 13.71 min Scan# 3397

Delta R.T. -0.01 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampled :

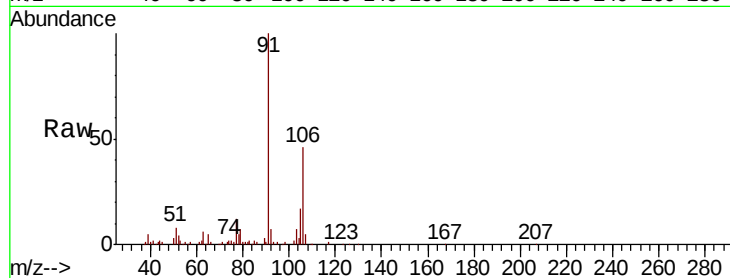
SSMP-4DL

Tot Ion: 91 Resp: 97325

Ion Ratio Lower Upper

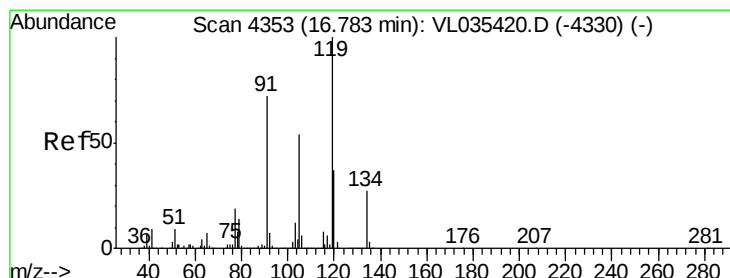
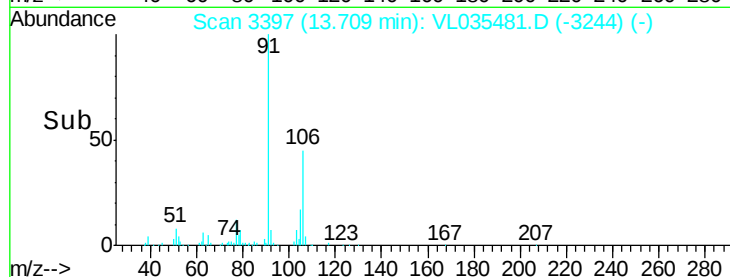
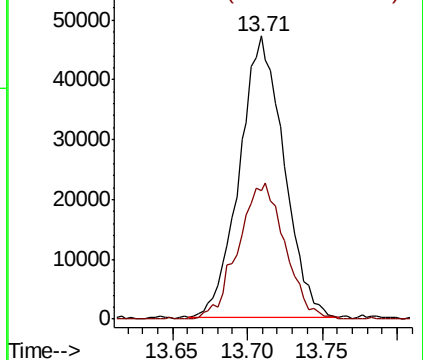
91 100

106 50.7 21.8 65.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#65

tert-Butylbenzene

Concen: 0.049 ppbv

RT: 16.79 min Scan# 4355

Delta R.T. 0.02 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

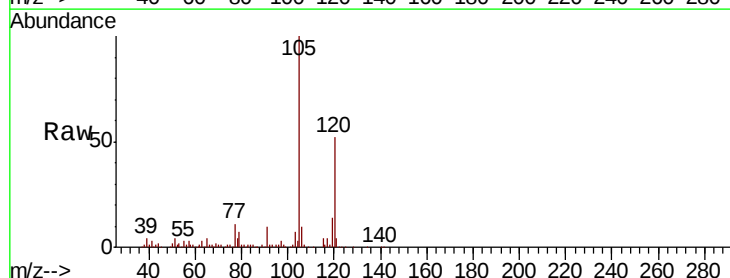
Tgt Ion: 119 Resp: 37797

Ion Ratio Lower Upper

119 100

91 83.1 72.0 108.0

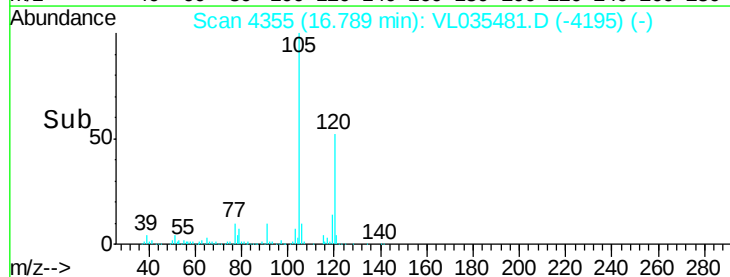
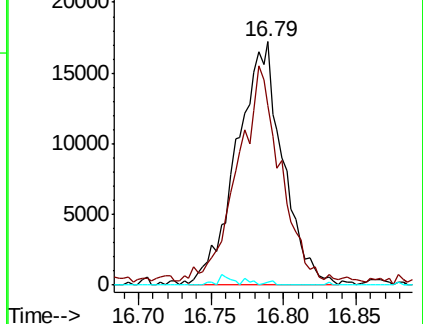
134 2.0 15.7 23.5#

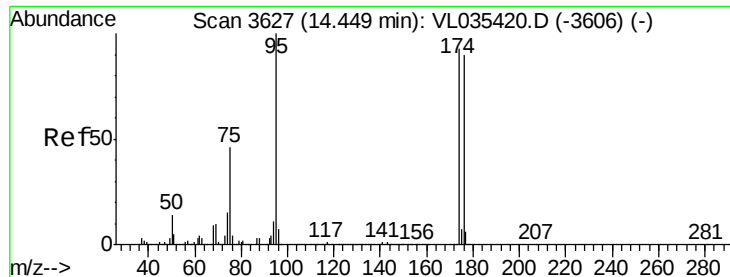


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.190 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. -0.01 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

SSMP-4DL

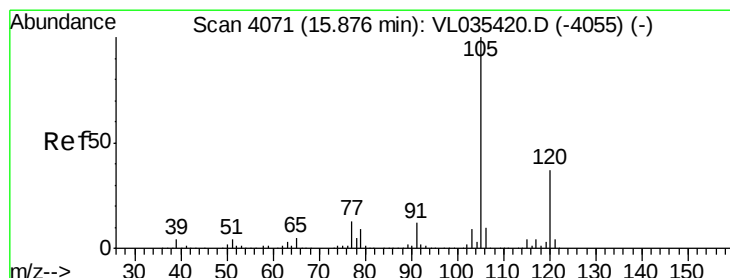
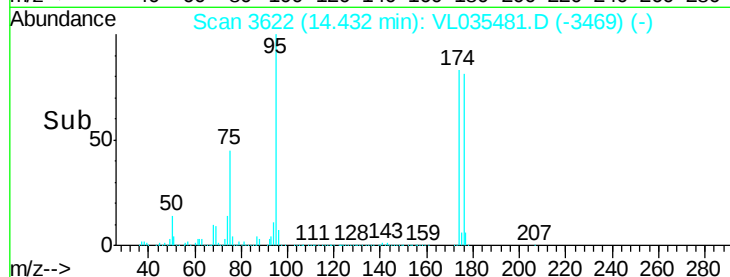
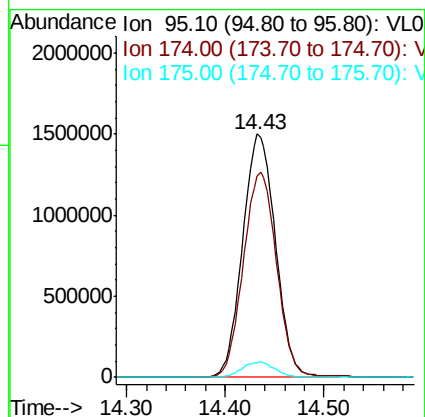
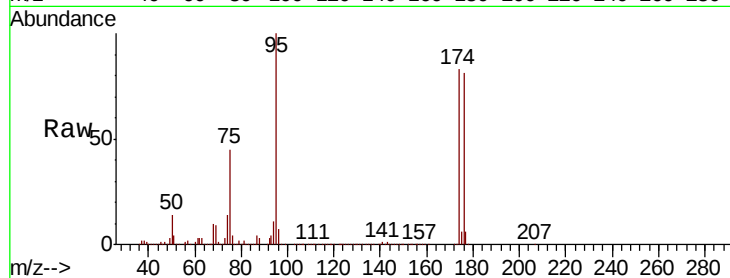
Tot Ion: 95 Resp: 3453217

Ion Ratio Lower Upper

95 100

174 86.1 44.0 66.0#

175 6.3 3.2 4.8#



#72

4-Ethyltoluene

Concen: 0.110 ppbv

RT: 15.86 min Scan# 4066

Delta R.T. -0.01 min

Lab File: VL035481.D

Acq: 20 Aug 2020 19:08

Tgt Ion: 105 Resp: 69523

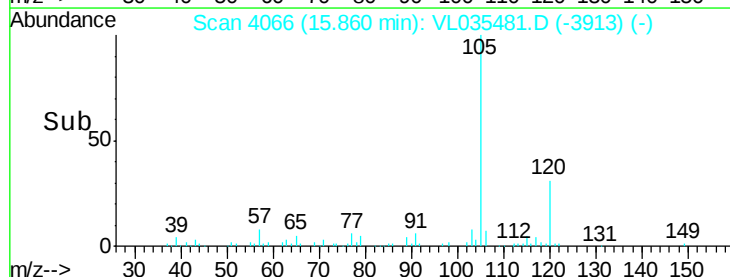
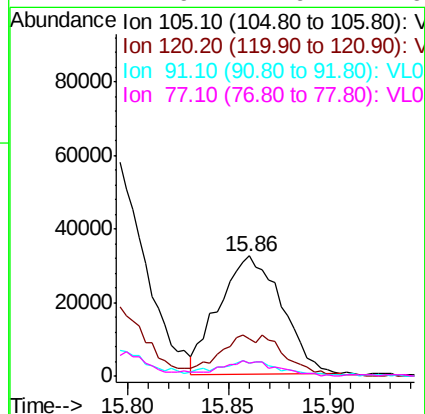
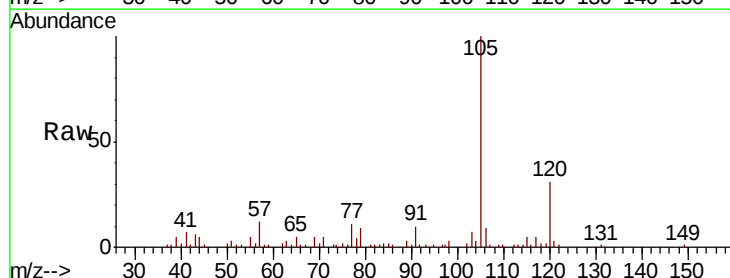
Ion Ratio Lower Upper

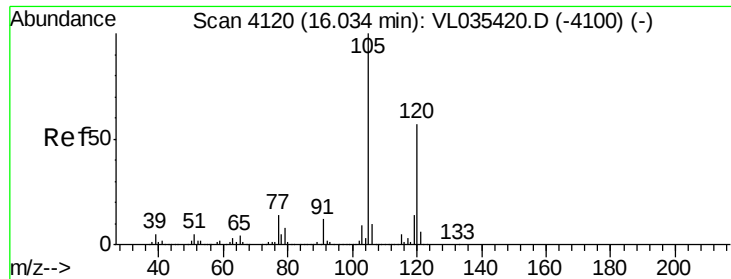
105 100

120 35.4 22.7 34.1#

91 13.4 10.8 16.2

77 12.9 11.9 17.9

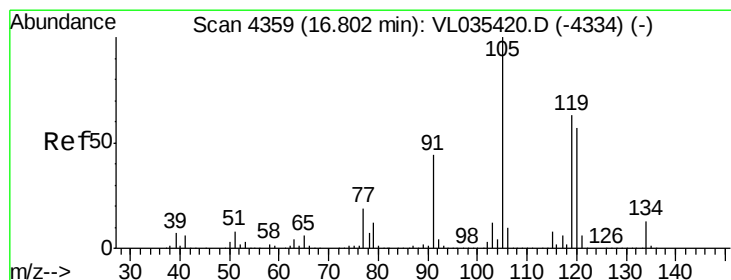
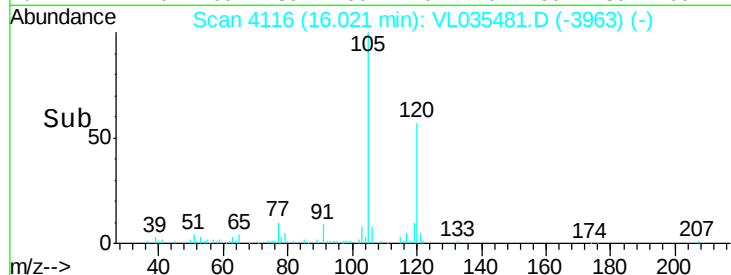
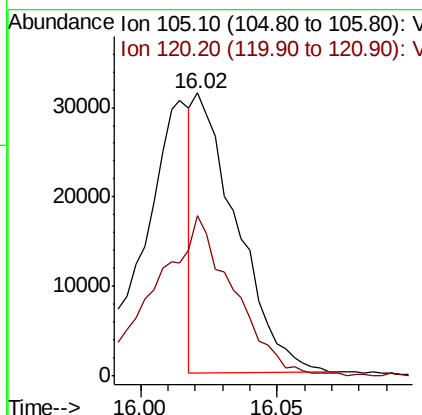
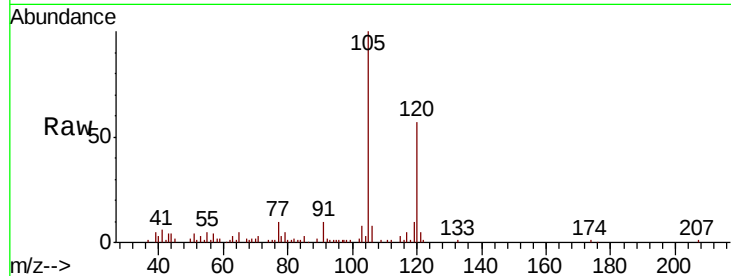




#73
 1,3,5-Trimethylbenzene
 Concen: 0.058 ppbv
 RT: 16.02 min Scan# 4116
 Delta R.T. -0.01 min
 Lab File: VL035481.D
 Acq: 20 Aug 2020 19:08

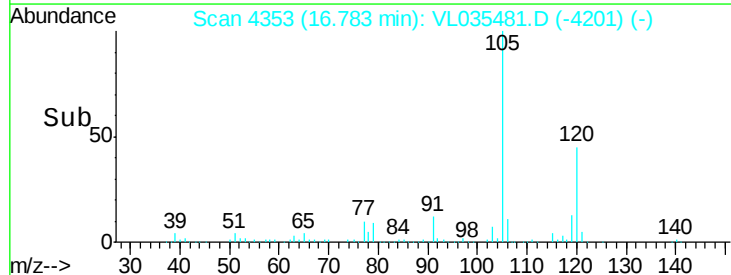
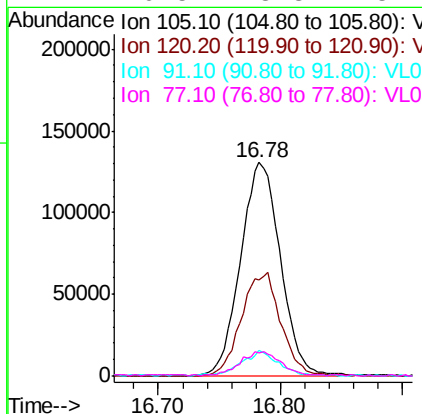
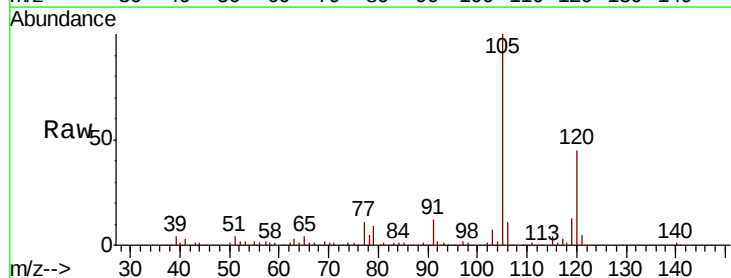
Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-4DL

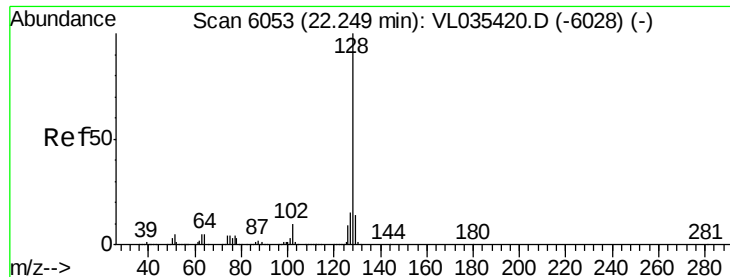
Tot Ion:105 Resp: 33885
 Ion Ratio Lower Upper
 105 100
 120 56.3 35.6 53.4#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.464 ppbv
 RT: 16.78 min Scan# 4353
 Delta R.T. -0.01 min
 Lab File: VL035481.D
 Acq: 20 Aug 2020 19:08

Tgt Ion:105 Resp: 295511
 Ion Ratio Lower Upper
 105 100
 120 45.0 37.8 56.8
 91 11.7 40.0 60.0#
 77 10.5 18.8 28.2#

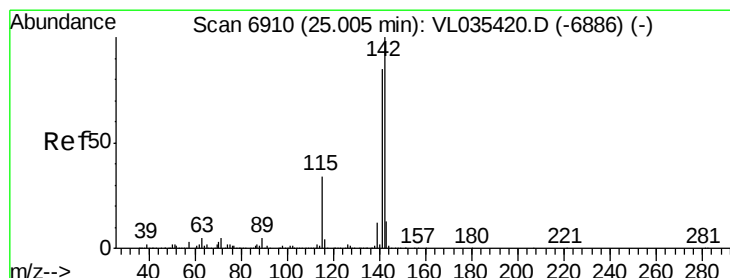
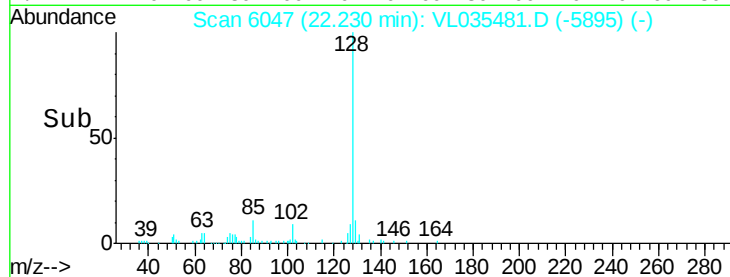
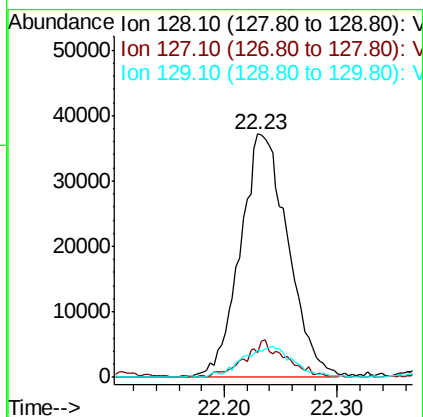
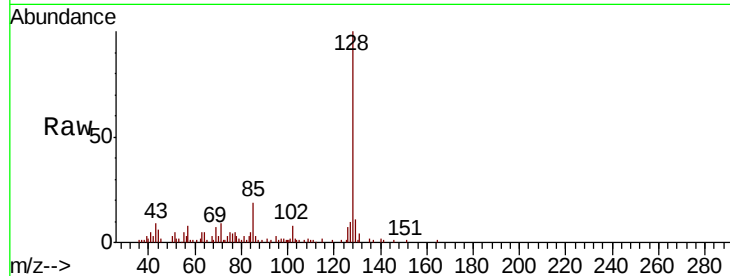




#79
Naphthalene
Concen: 0.121 ppbv
RT: 22.23 min Scan# 6047
Delta R.T. -0.01 min
Lab File: VL035481.D
Acq: 20 Aug 2020 19:08

Instrument :
MSVOA_L
ClientSampleId :
SSMP-4DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	9.7	11.4	17.0#
129	10.8	9.5	14.3



#80
Naphthalene, 2-methyl-
Concen: 0.089 ppbv
RT: 25.00 min Scan# 6909
Delta R.T. 0.00 min
Lab File: VL035481.D
Acq: 20 Aug 2020 19:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	80.9	67.1	100.7
115	40.2	36.1	54.1

