

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082020\
 Data File : VL035475.D
 Acq On : 20 Aug 2020 15:08
 Operator : SY/AP
 Sample : L3743-01DL DUP 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-1DL DUP

Quant Time: Aug 21 05:58:19 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	1062740	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4837777	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4714075	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3355526	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	13746	0.070 ppbv	96
3) Chlorodifluoromethane	2.98	51	123378	0.926 ppbv	96
4) Chloromethane	3.13	50	2518	0.036 ppbv #	64
7) Chloroethane	3.12	64	22287	0.729 ppbv	98
9) Propene	3.35	41	3411	0.064 ppbv	96
13) Ethanol	3.60	45	113355	5.777 ppbv	94
15) Acetone	3.85	43	388510	3.176 ppbv #	77
16) 1,3-Butadiene	3.31	39	4799	0.097 ppbv #	24
17) tert-Butyl alcohol	4.32	59	11865	0.075 ppbv	95
19) Isopropyl Alcohol	3.99	45	16310	0.193 ppbv #	1
20) Methylene Chloride	4.34	84	574951	5.826 ppbv #	64
23) Vinyl Acetate	5.07	43	9556	0.055 ppbv #	78
25) Ethyl Acetate	5.69	43	99616	0.419 ppbv #	78
26) Hexane	5.69	57	182221	1.357 ppbv #	29
27) Carbon Disulfide	4.55	76	8042	0.041 ppbv #	92
29) Chloroform	5.75	83	15676	0.058 ppbv	90
34) 2-Butanone	5.26	43	70891	0.439 ppbv #	68
36) Benzene	6.89	78	28511	0.080 ppbv #	84
38) Trichloroethene	7.84	130	1789908	9.062 ppbv #	84
39) 1,2-Dichloropropane	7.18	63	842764	7.202 ppbv #	23
41) Tetrahydrofuran	6.05	42	4780	0.054 ppbv #	38
44) 2,2,4-Trimethylpentane	7.88	57	22800	0.049 ppbv #	87
50) 4-Methyl-2-Pentanone	8.77	43	32051	0.138 ppbv #	85
52) Tetrachloroethene	11.23	164	1436784	6.634 ppbv #	84
53) Toluene	9.82	91	253062	0.553 ppbv	99
58) Ethyl Benzene	12.73	91	43151	0.076 ppbv	97
59) m/p-Xylene	13.01	91	36887	0.077 ppbv #	33
60) o-Xylene	13.71	91	57681	0.123 ppbv	89
65) tert-Butylbenzene	16.78	119	25831	0.035 ppbv #	93
72) 4-Ethyltoluene	15.86	105	45720	0.075 ppbv	94
73) 1,3,5-Trimethylbenzene	16.01	105	42211	0.074 ppbv	97
74) 1,2,4-Trimethylbenzene	16.78	105	196812	0.317 ppbv #	69
79) Naphthalene	22.23	128	27815	0.032 ppbv #	94

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Instrument :

MSVOA_L

ClientSampleId :

SSMP-1DLDP

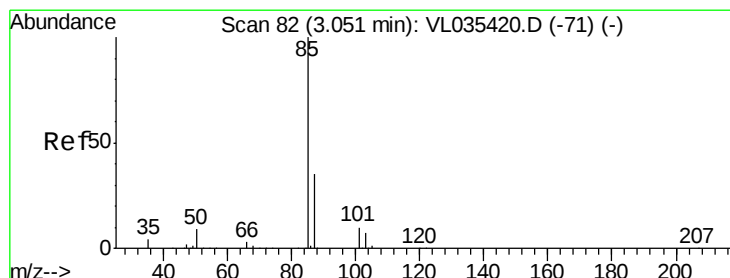
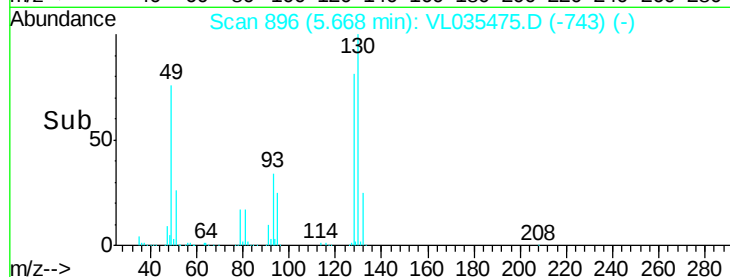
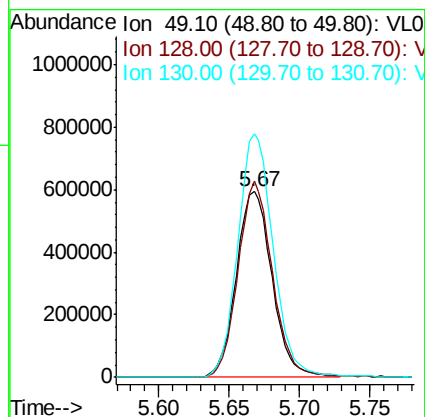
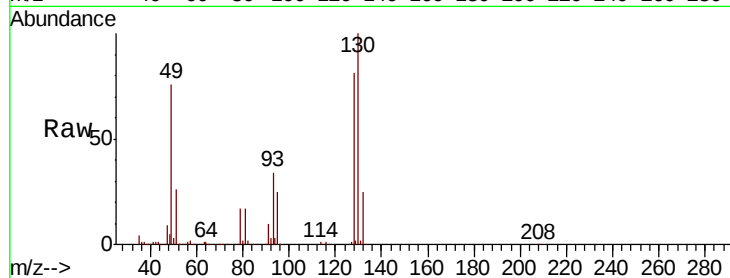
Tot Ion: 49 Resp: 1062740

Ion Ratio Lower Upper

49 100

128 102.1 20.9 62.7#

130 130.4 26.7 80.1#



#2

Dichlorodifluoromethane

Concen: 0.070 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL035475.D

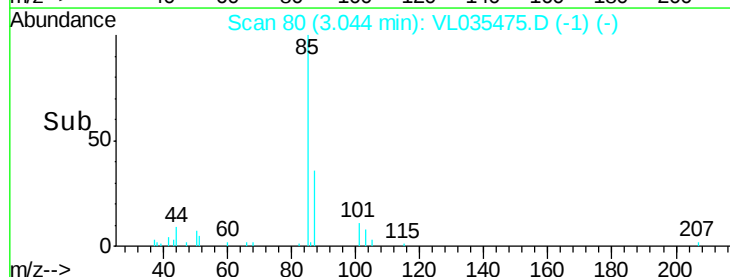
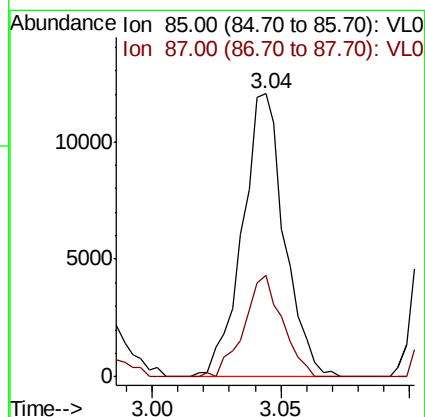
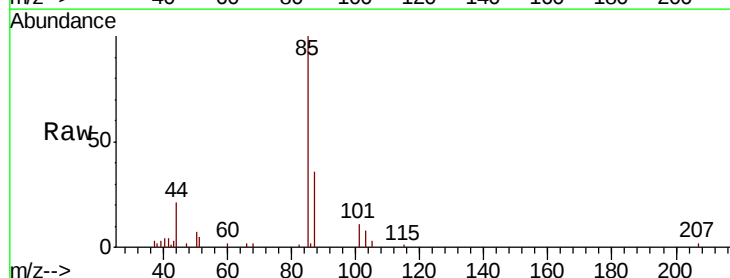
Acq: 20 Aug 2020 15:08

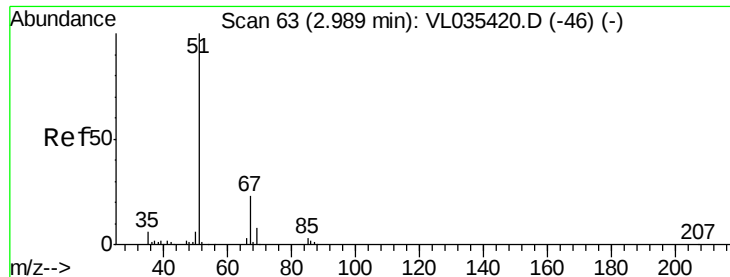
Tgt Ion: 85 Resp: 13746

Ion Ratio Lower Upper

85 100

87 35.9 27.1 40.7





#3

Chlorodifluoromethane

Concen: 0.926 ppbv

RT: 2.98 min Scan# 61

Delta R.T. -0.00 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Instrument :

MSVOA_L

ClientSampleId :

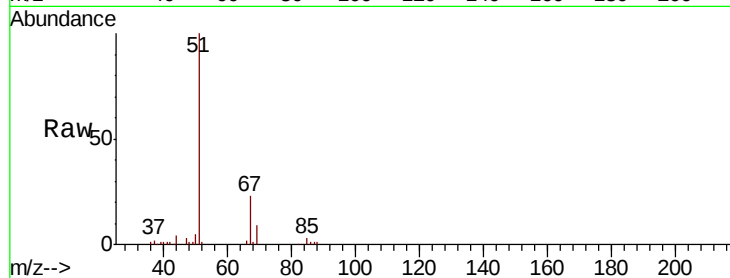
SSMP-1DLDP

Tot Ion: 51 Resp: 123378

Ion Ratio Lower Upper

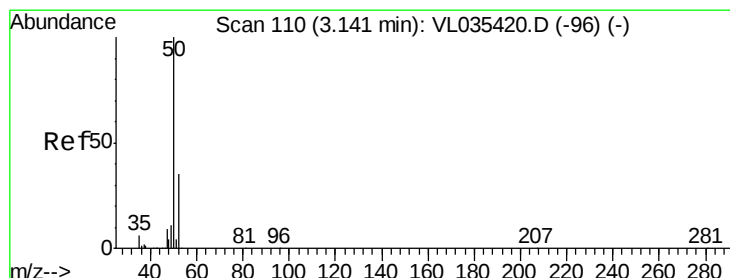
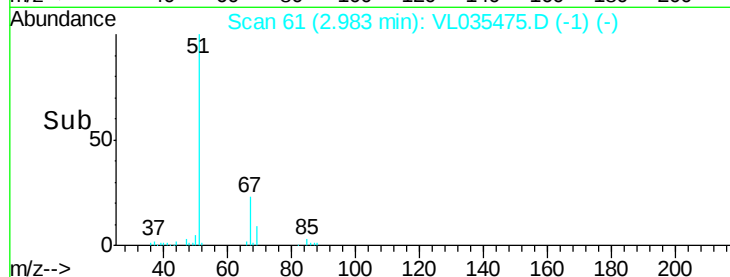
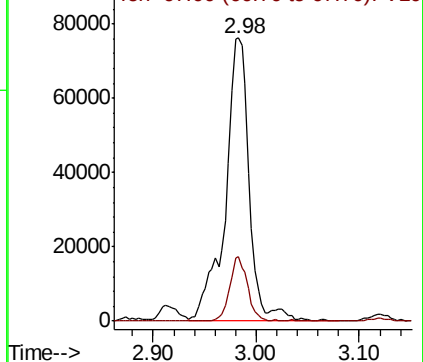
51 100

67 17.0 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: 0.036 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.01 min

Lab File: VL035475.D

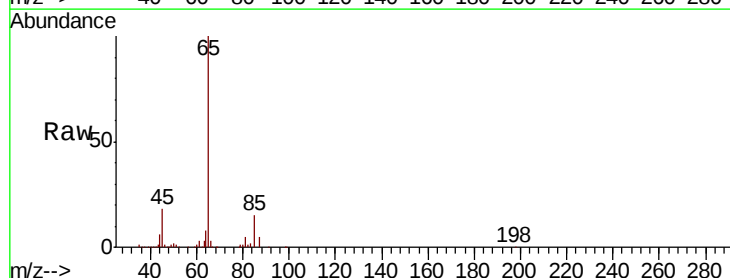
Acq: 20 Aug 2020 15:08

Tgt Ion: 50 Resp: 2518

Ion Ratio Lower Upper

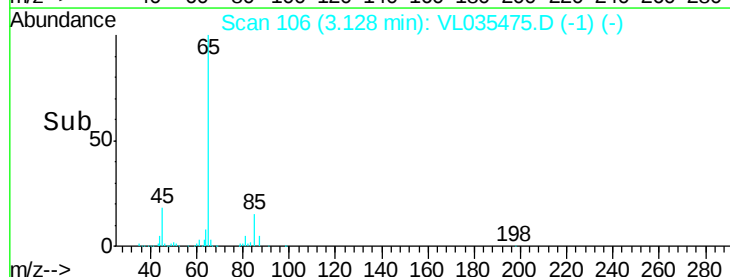
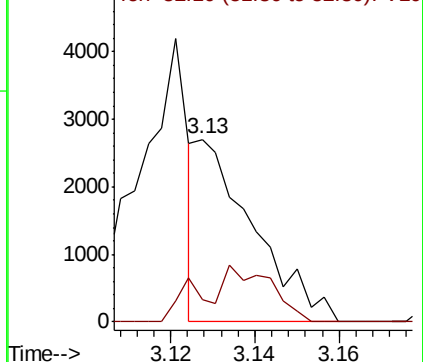
50 100

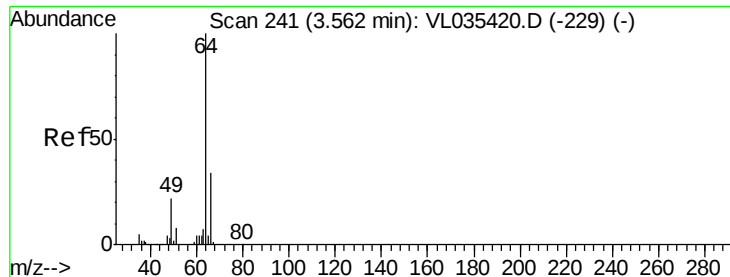
52 12.2 25.9 38.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 0.729 ppbv

RT: 3.12 min Scan# 103

Delta R.T. -0.44 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Instrument :

MSVOA_L

ClientSampleId :

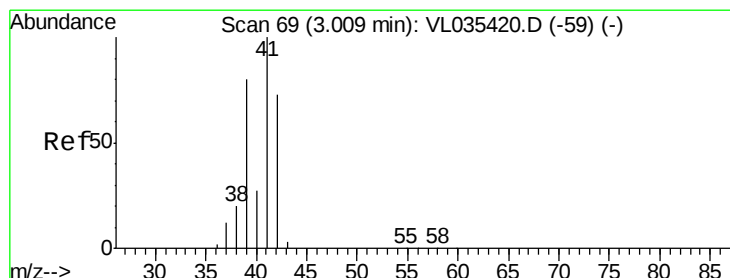
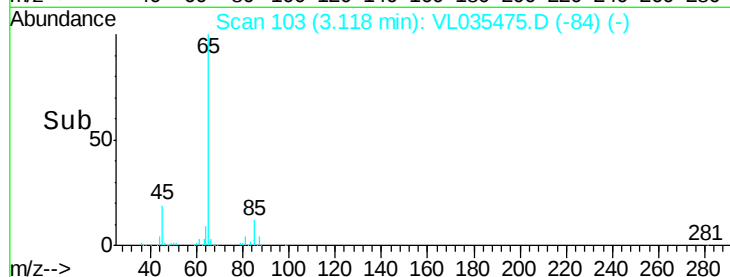
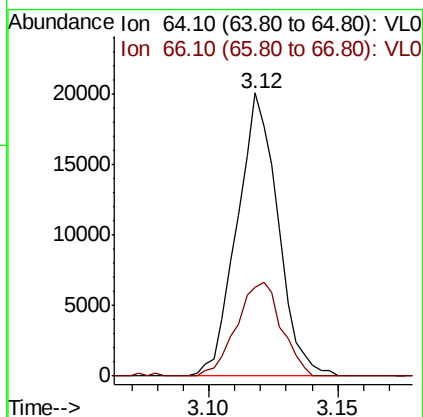
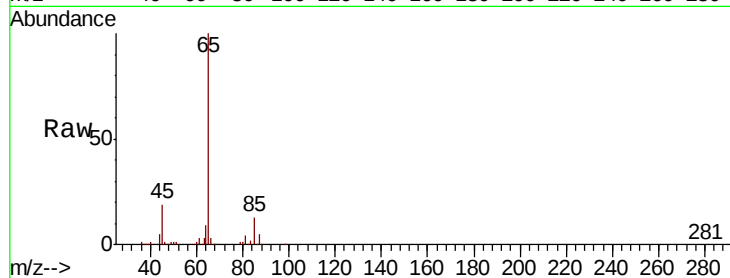
SSMP-1DLDP

Tot Ion: 64 Resp: 22287

Ion Ratio Lower Upper

64 100

66 31.6 24.5 36.7



#9

Propene

Concen: 0.064 ppbv

RT: 3.35 min Scan# 176

Delta R.T. 0.35 min

Lab File: VL035475.D

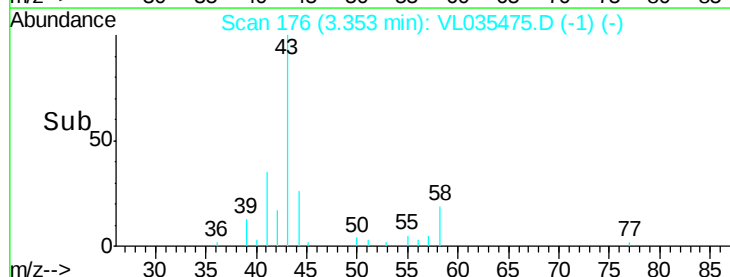
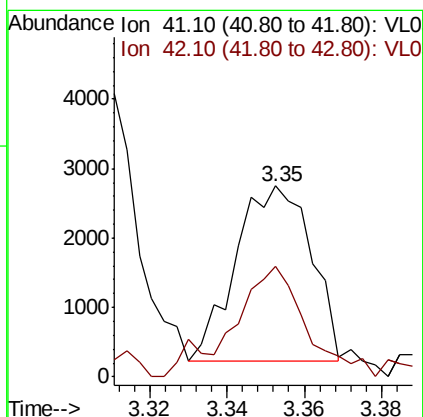
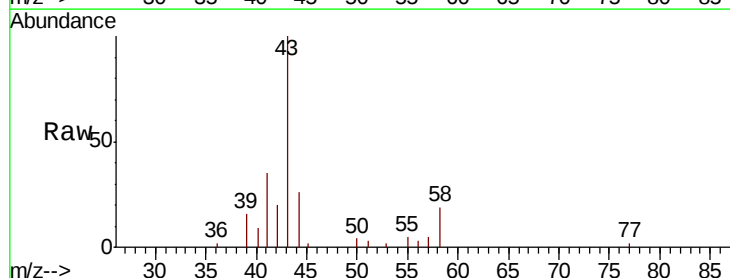
Acq: 20 Aug 2020 15:08

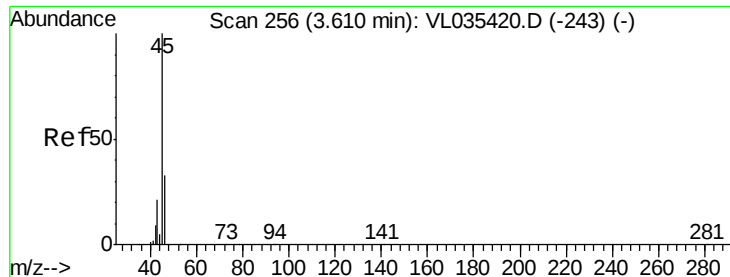
Tgt Ion: 41 Resp: 3411

Ion Ratio Lower Upper

41 100

42 66.1 55.5 83.3





#13

Ethanol

Concen: 5.777 ppbv

RT: 3.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Instrument :

MSVOA_L

ClientSampleId :

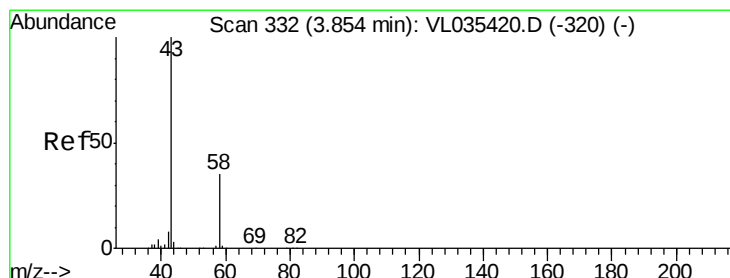
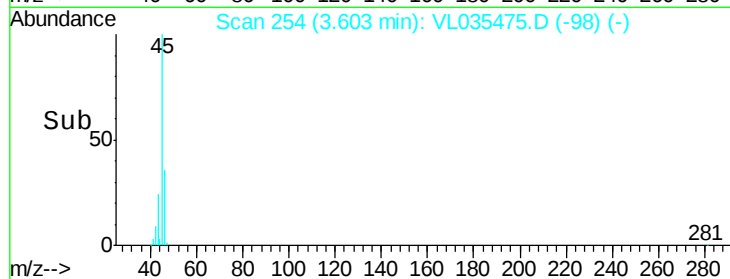
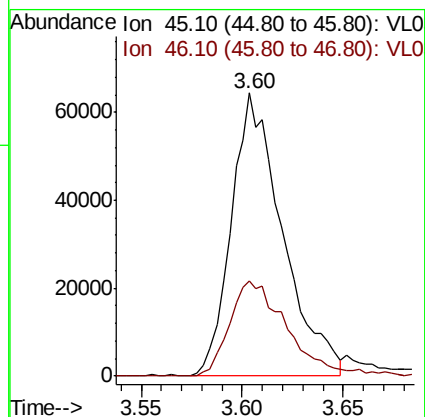
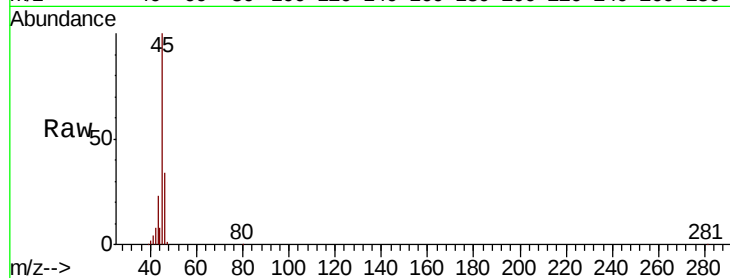
SSMP-1DLDP

Tot Ion: 45 Resp: 113355

Ion Ratio Lower Upper

45 100

46 38.9 14.2 56.6



#15

Acetone

Concen: 3.176 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.00 min

Lab File: VL035475.D

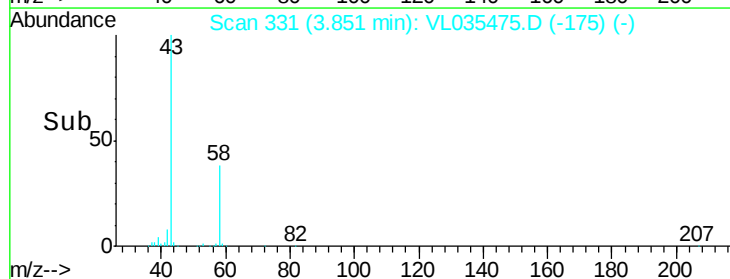
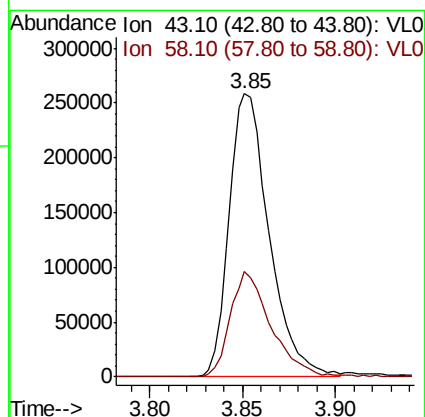
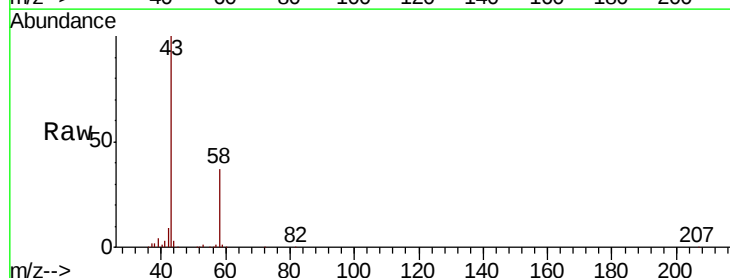
Acq: 20 Aug 2020 15:08

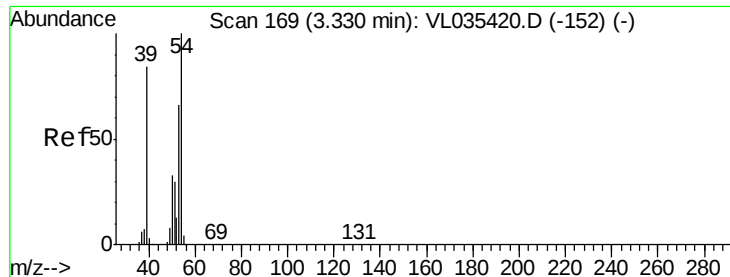
Tgt Ion: 43 Resp: 388510

Ion Ratio Lower Upper

43 100

58 38.2 21.0 31.6#

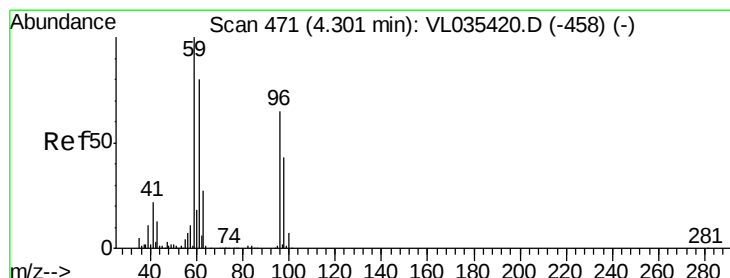
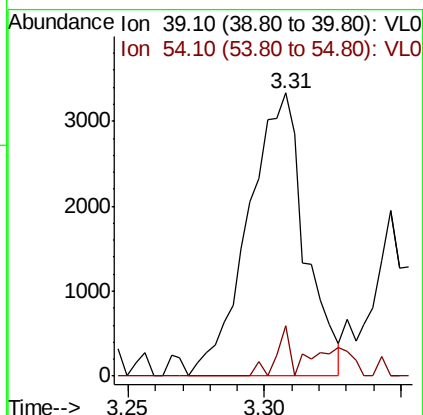
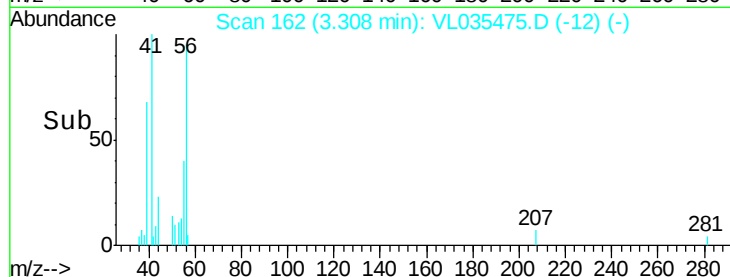
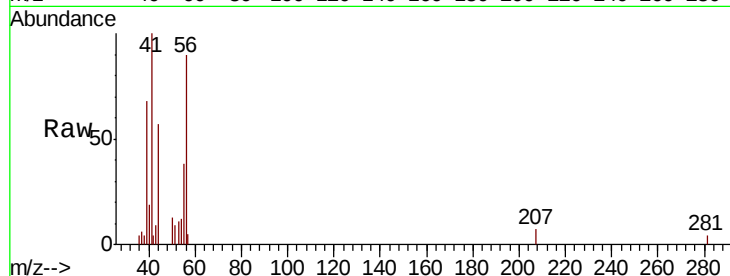




#16
 1,3-Butadiene
 Concen: 0.097 ppbv
 RT: 3.31 min Scan# 162
 Delta R.T. -0.02 min
 Lab File: VL035475.D
 Acq: 20 Aug 2020 15:08

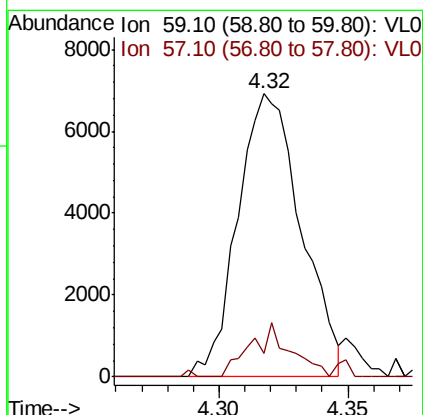
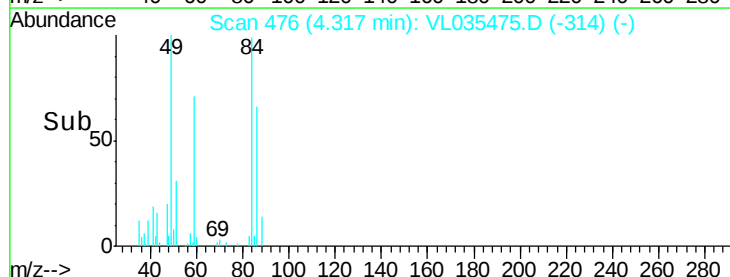
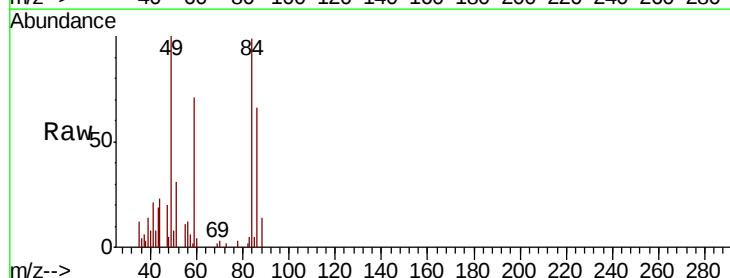
Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-1DLDP

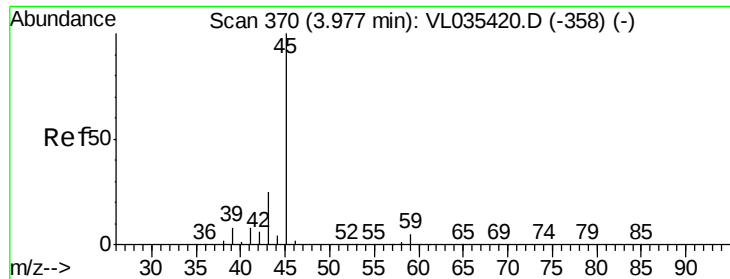
Tot Ion: 39 Resp: 4799
 Ion Ratio Lower Upper
 39 100
 54 12.9 64.4 96.6#



#17
 tert-Butyl alcohol
 Concen: 0.075 ppbv
 RT: 4.32 min Scan# 476
 Delta R.T. 0.02 min
 Lab File: VL035475.D
 Acq: 20 Aug 2020 15:08

Tgt Ion: 59 Resp: 11865
 Ion Ratio Lower Upper
 59 100
 57 13.2 8.9 13.3





#19

Isopropyl Alcohol

Concen: 0.193 ppbv

RT: 3.99 min Scan# 373

Delta R.T. 0.02 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Instrument :

MSVOA_L

ClientSampleId :

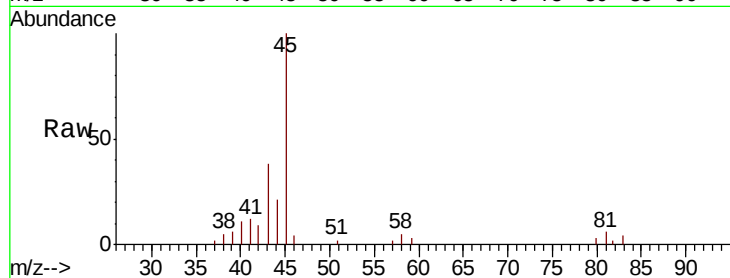
SSMP-1DLDP

Tot Ion: 45 Resp: 16310

Ion Ratio Lower Upper

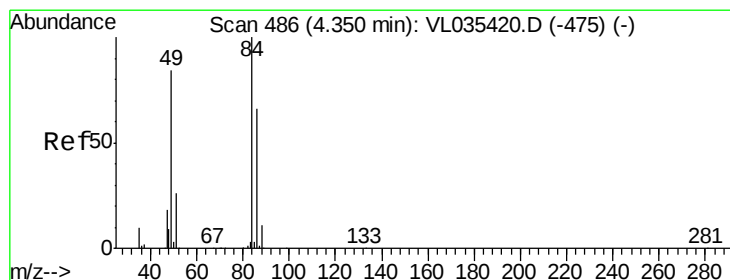
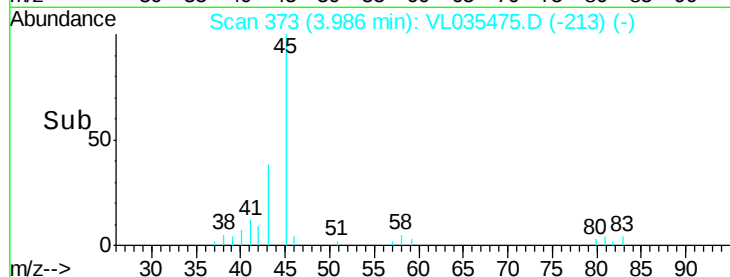
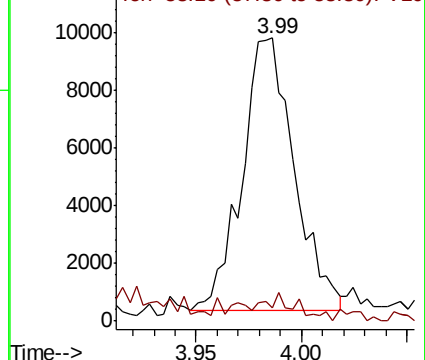
45 100

58 911.7 1.0 1.6#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 5.826 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Tgt Ion: 84 Resp: 574951

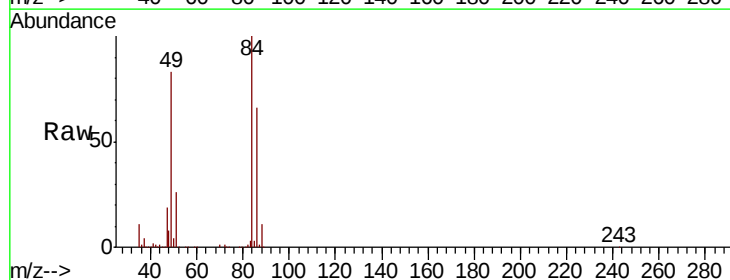
Ion Ratio Lower Upper

84 100

49 83.4 118.6 177.8#

51 26.1 36.4 54.6#

86 66.5 50.2 75.4

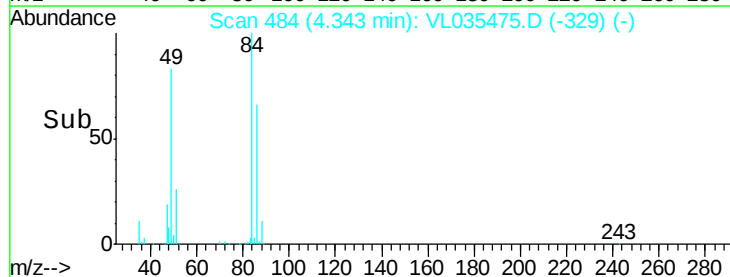
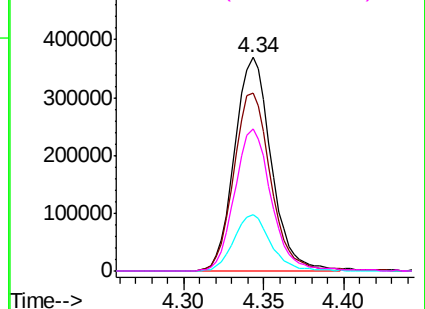


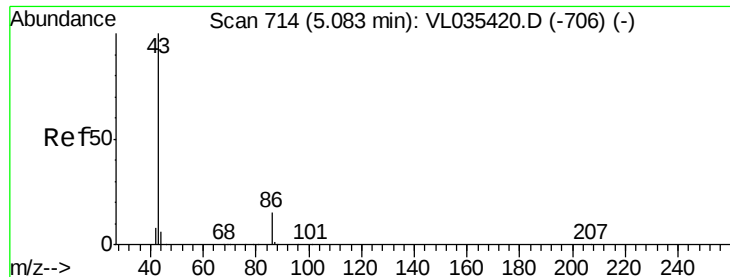
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

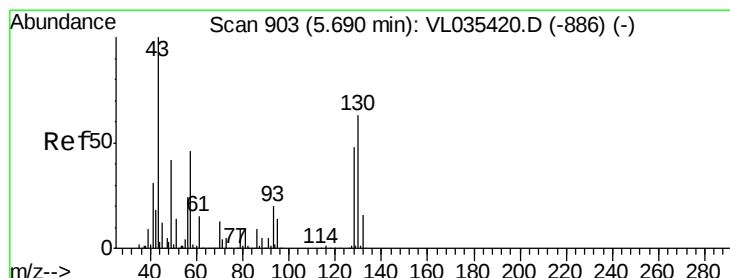
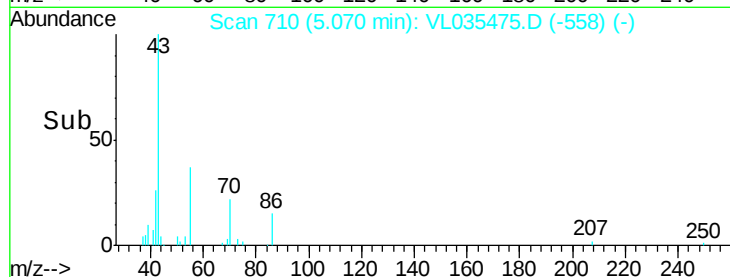
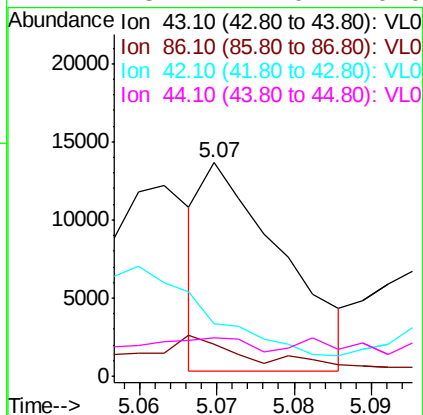
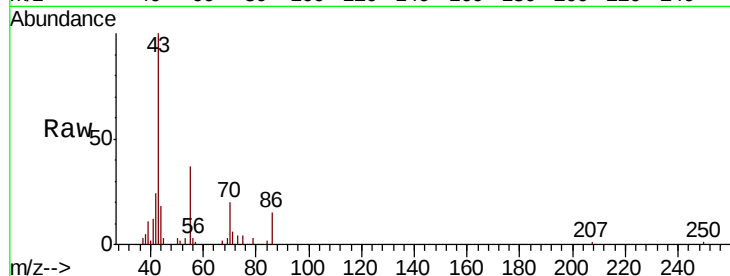




#23
 Vinyl Acetate
 Concen: 0.055 ppbv
 RT: 5.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VL035475.D
 Acq: 20 Aug 2020 15:08

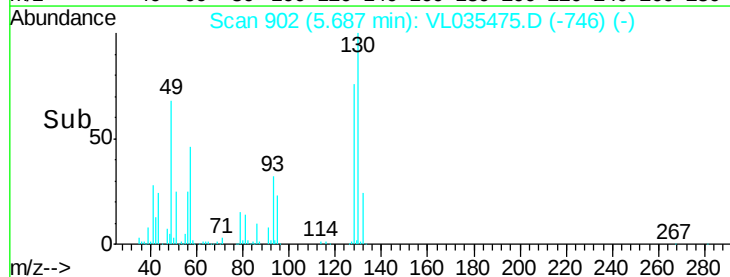
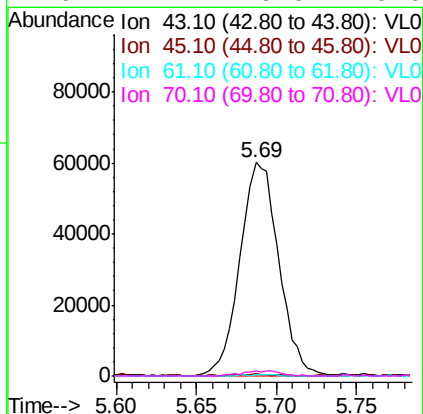
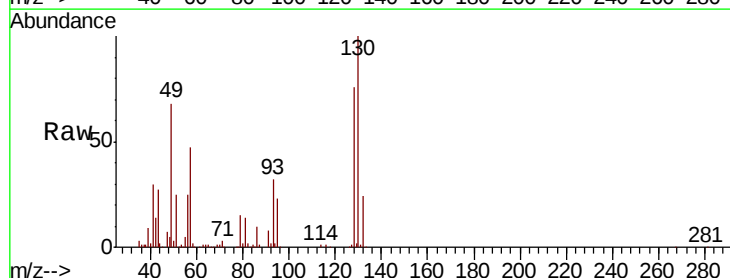
Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-1DLDP

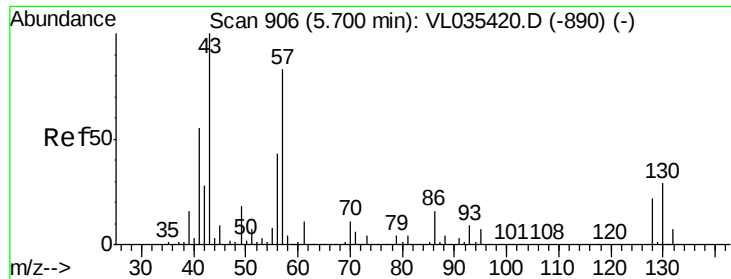
Tot Ion:	43	Resp:	9556
Ion	Ratio	Lower	Upper
43	100		
86	14.2	6.5	9.7#
42	22.1	8.3	12.5#
44	8.1	4.0	6.0#



#25
 Ethyl Acetate
 Concen: 0.419 ppbv
 RT: 5.69 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: VL035475.D
 Acq: 20 Aug 2020 15:08

Tgt Ion:	43	Resp:	99616
Ion	Ratio	Lower	Upper
43	100		
45	0.9	8.3	12.5#
61	0.5	7.6	11.4#
70	2.4	6.0	9.0#

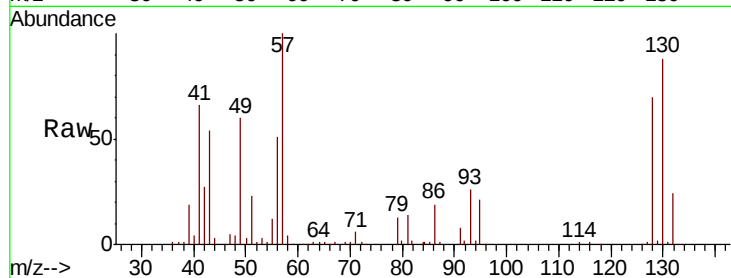




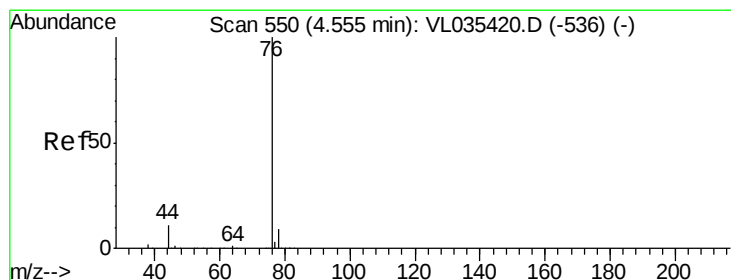
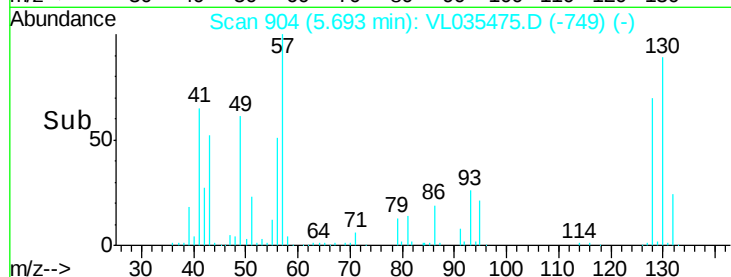
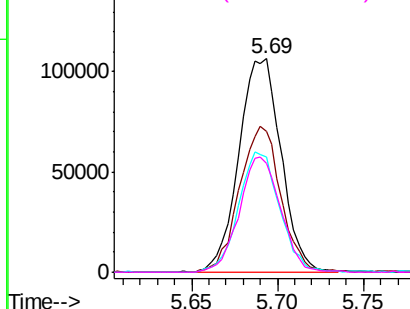
#26
Hexane
Concen: 1.357 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL035475.D
Acq: 20 Aug 2020 15:08

Instrument :
MSVOA_L
ClientSampleId :
SSMP-1DLDP

Tot Ion: 57 Resp: 182221
Ion Ratio Lower Upper
57 100
41 67.2 75.5 113.3#
43 55.0 181.7 272.5#
56 52.5 42.4 63.6

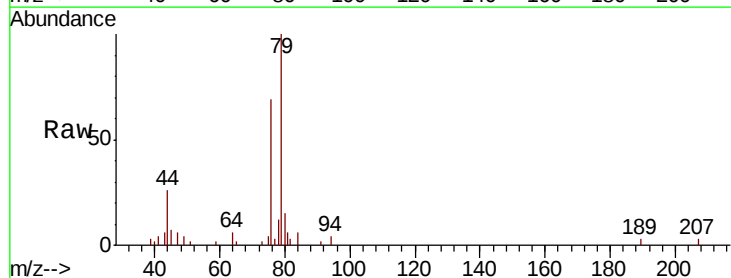


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

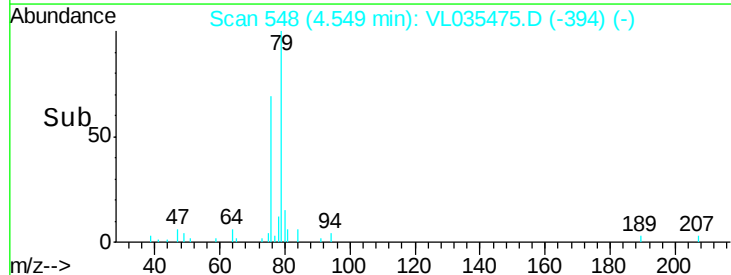
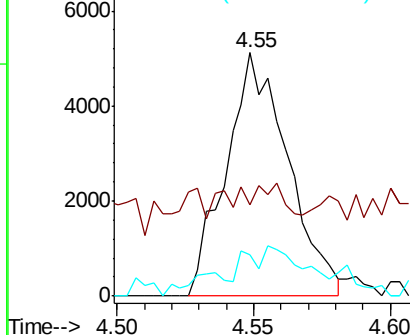


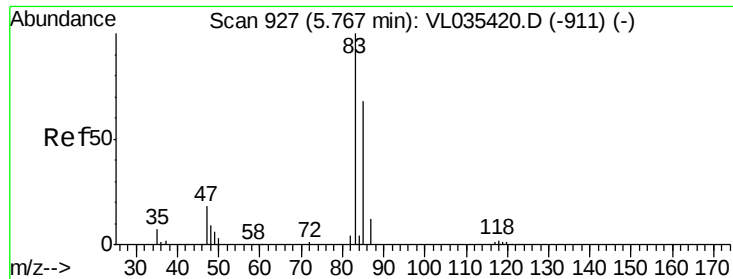
#27
Carbon Disulfide
Concen: 0.041 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.00 min
Lab File: VL035475.D
Acq: 20 Aug 2020 15:08

Tgt Ion: 76 Resp: 8042
Ion Ratio Lower Upper
76 100
44 20.4 16.8 25.2
78 0.0 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

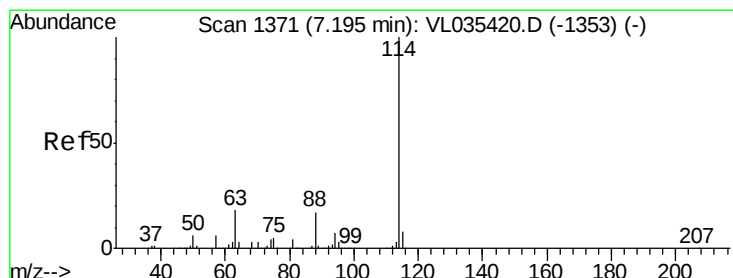
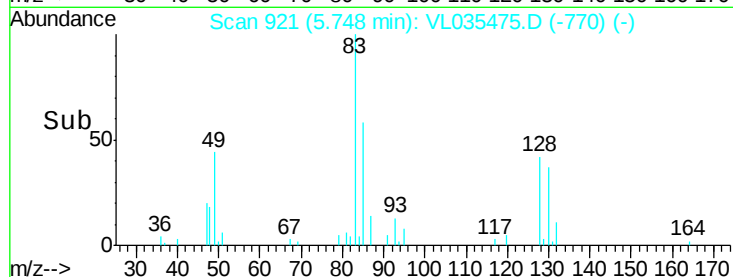
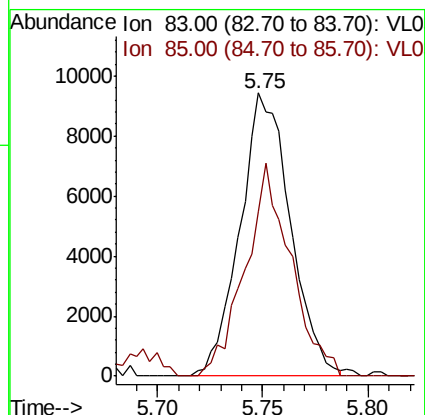
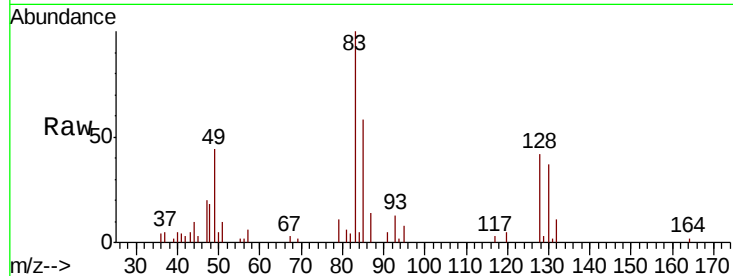




#29
Chloroform
Concen: 0.058 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: VL035475.D
Acq: 20 Aug 2020 15:08

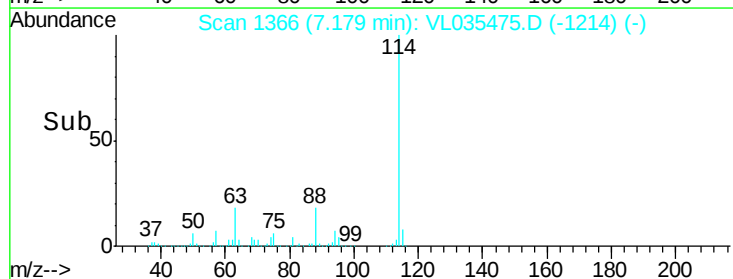
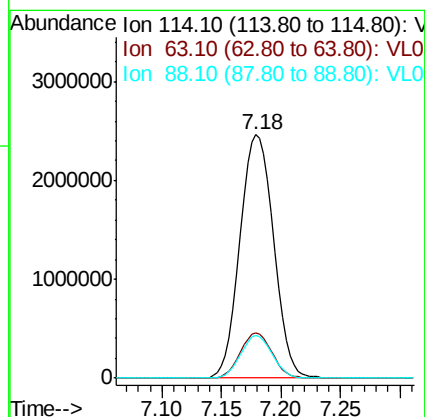
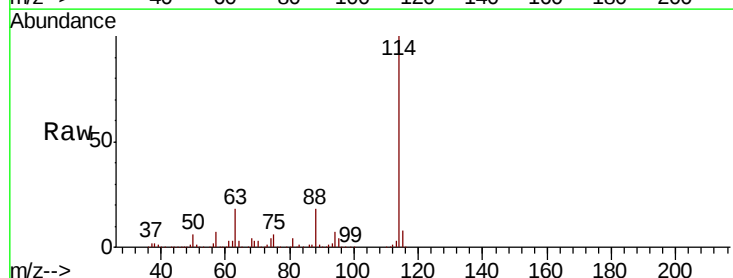
Instrument :
MSVOA_L
ClientSampleId :
SSMP-1DLDP

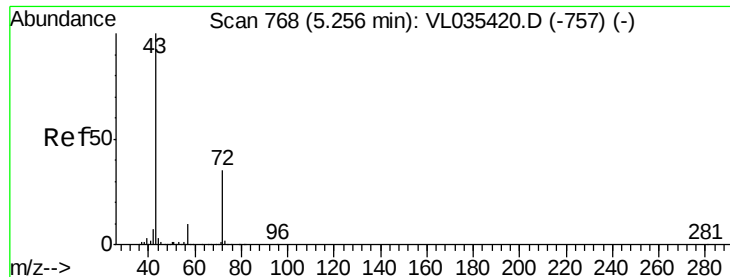
Tot Ion: 83 Resp: 15676
Ion Ratio Lower Upper
83 100
85 58.2 52.7 79.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL035475.D
Acq: 20 Aug 2020 15:08

Tgt Ion: 114 Resp: 4837777
Ion Ratio Lower Upper
114 100
63 17.5 23.1 34.7#
88 16.5 15.9 23.9

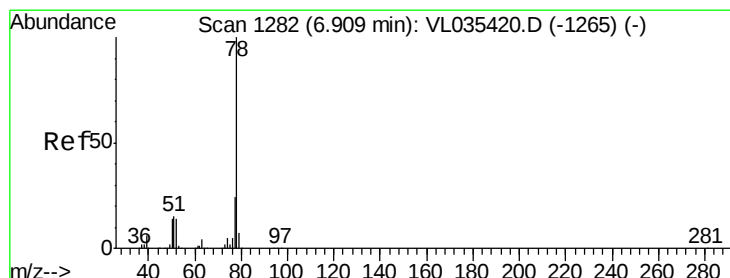
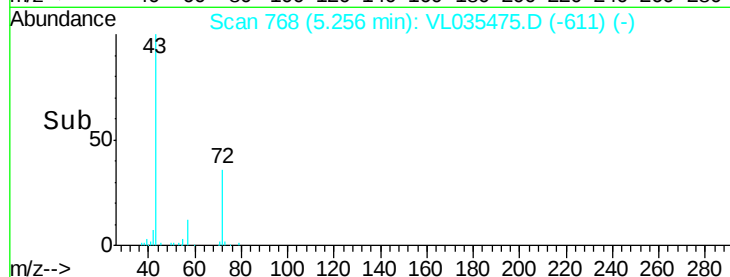
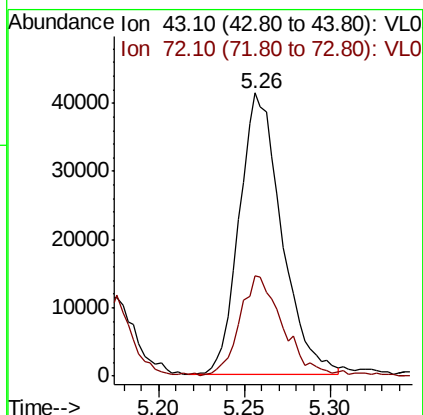
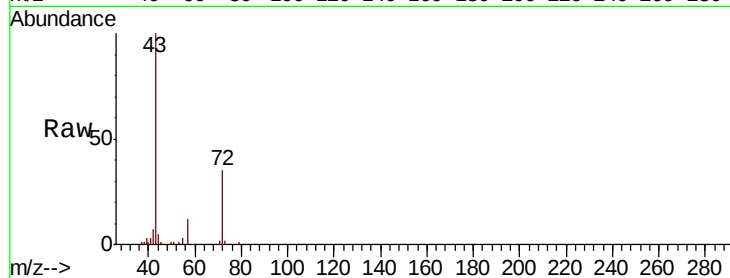




#34
 2-Butanone
 Concen: 0.439 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VL035475.D
 Acq: 20 Aug 2020 15:08

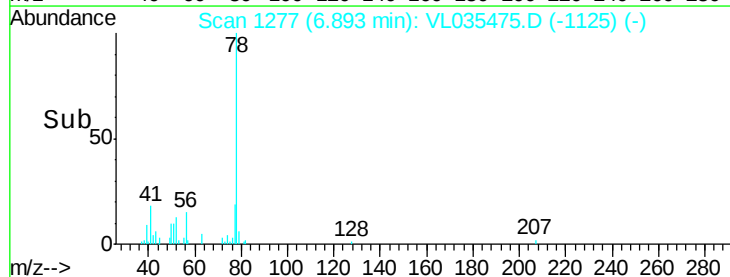
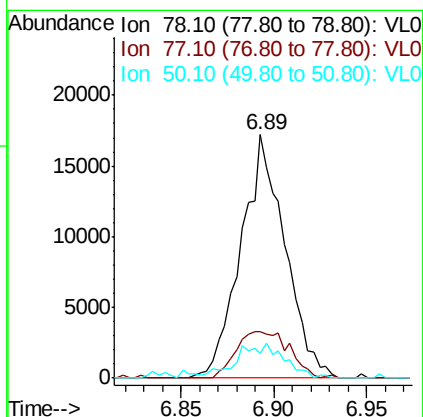
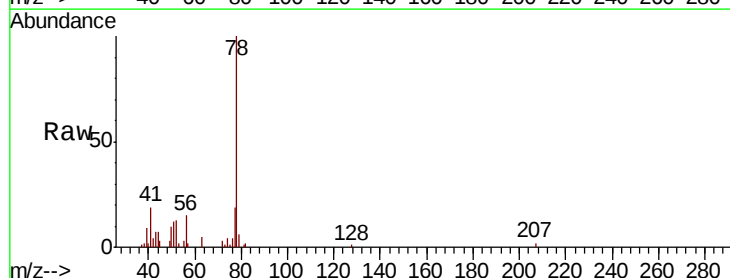
Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-1DLDP

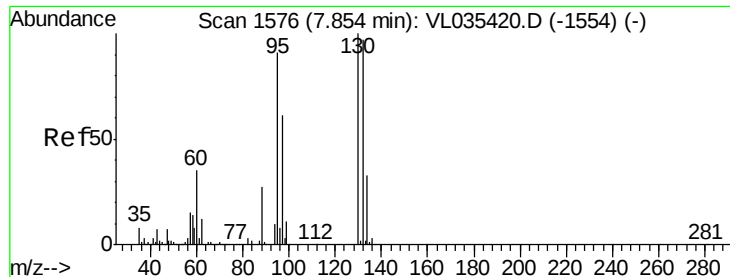
Tot Ion: 43 Resp: 70891
 Ion Ratio Lower Upper
 43 100
 72 37.4 17.6 26.4#



#36
 Benzene
 Concen: 0.080 ppbv
 RT: 6.89 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VL035475.D
 Acq: 20 Aug 2020 15:08

Tgt Ion: 78 Resp: 28511
 Ion Ratio Lower Upper
 78 100
 77 19.0 19.6 29.4#
 50 10.4 16.3 24.5#





#38

Trichloroethene

Concen: 9.062 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Instrument :

MSVOA_L

ClientSampleId :

SSMP-1DLDP

Tot Ion:130 Resp: 1789908

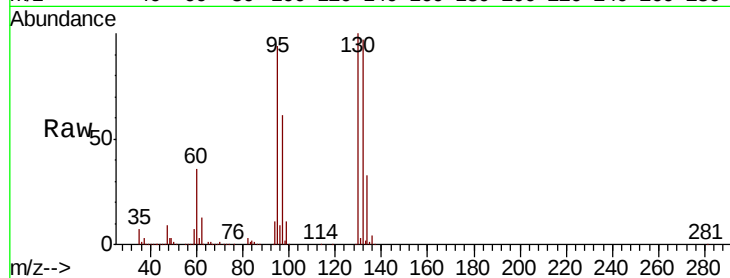
Ion Ratio Lower Upper

130 100

95 94.0 95.8 143.8#

132 97.3 74.3 111.5

97 60.9 62.6 94.0#

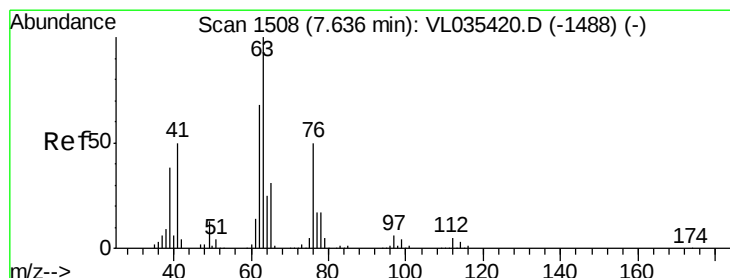
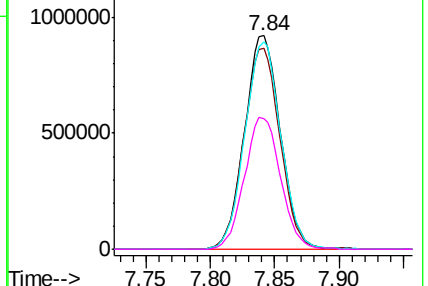
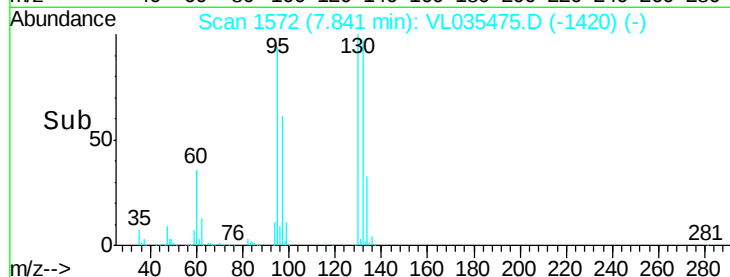


Abundance Ion 130.00 (129.70 to 130.70): V

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: 7.202 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.45 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

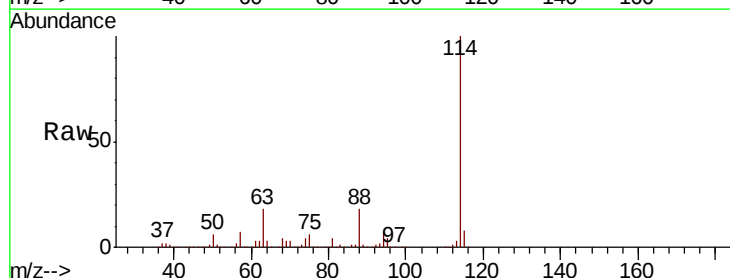
Tgt Ion: 63 Resp: 842764

Ion Ratio Lower Upper

63 100

41 0.0 61.1 91.7#

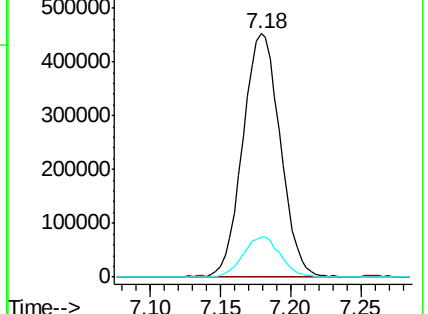
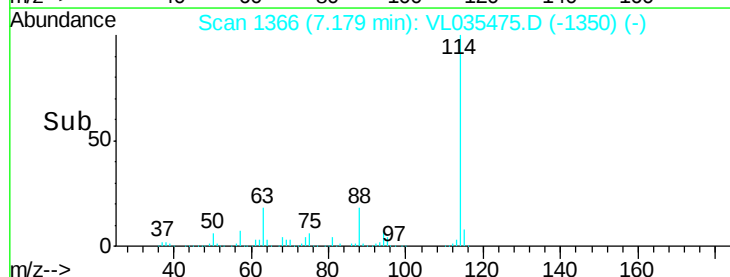
62 16.6 55.3 82.9#

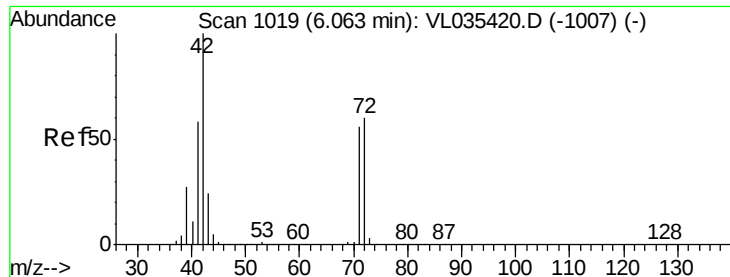


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 0.054 ppbv

RT: 6.05 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Instrument :

MSVOA_L

ClientSampleId :

SSMP-1DLDP

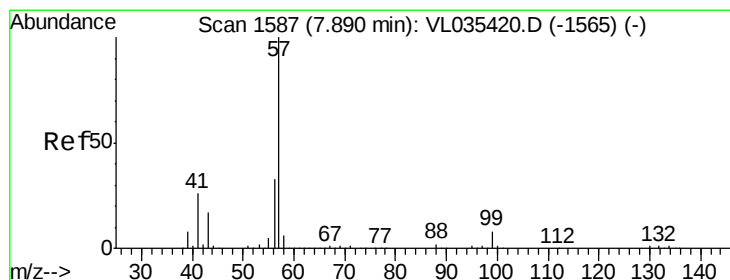
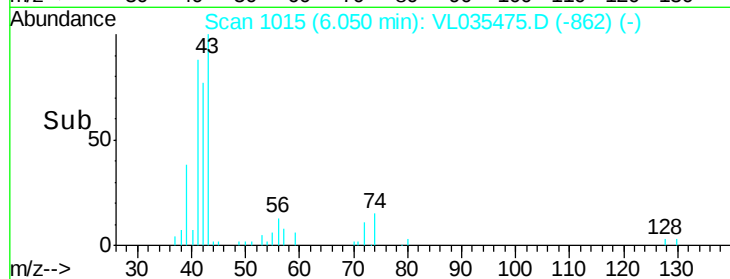
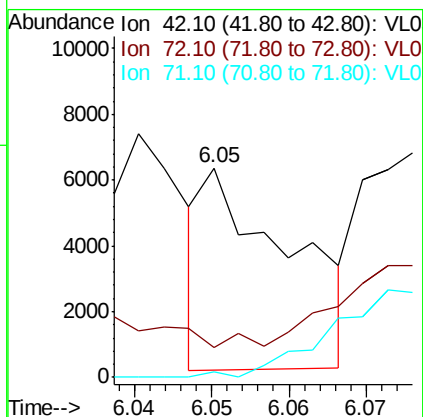
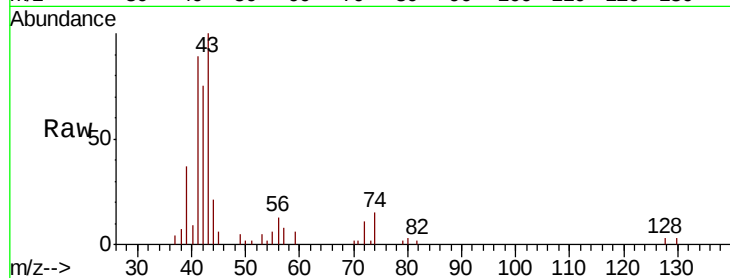
Tot Ion: 42 Resp: 4780

Ion Ratio Lower Upper

42 100

72 0.0 29.4 44.2#

71 0.0 28.9 43.3#



#44

2,2,4-Trimethylpentane

Concen: 0.049 ppbv

RT: 7.88 min Scan# 1583

Delta R.T. -0.01 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

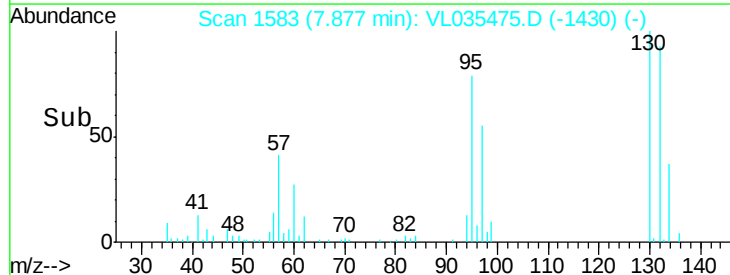
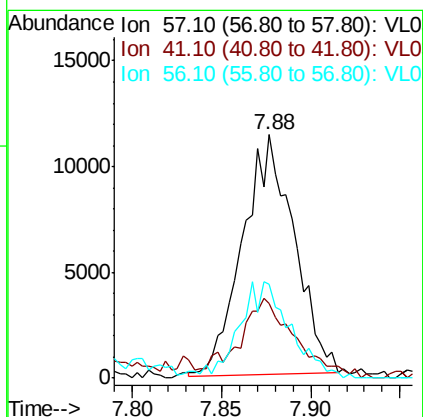
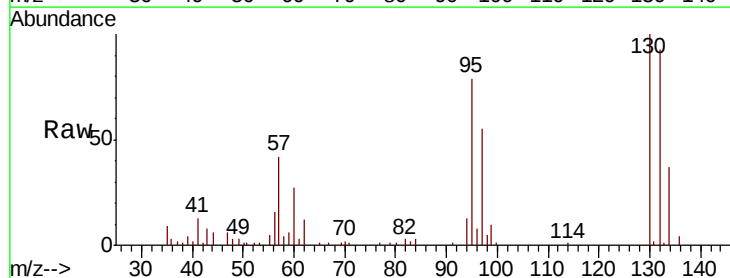
Tgt Ion: 57 Resp: 22800

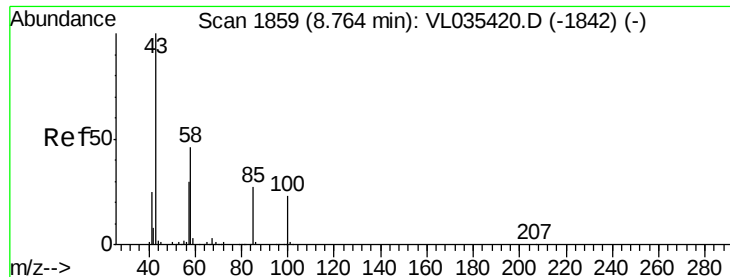
Ion Ratio Lower Upper

57 100

41 40.0 27.2 40.8

56 39.9 25.4 38.0#

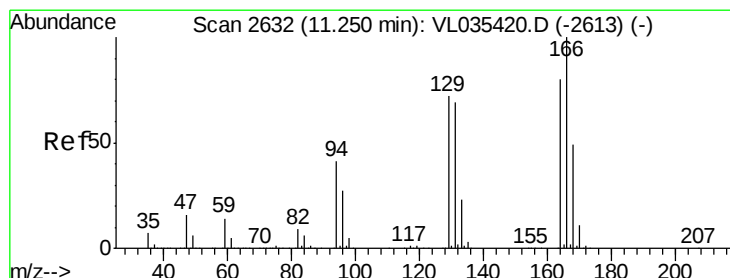
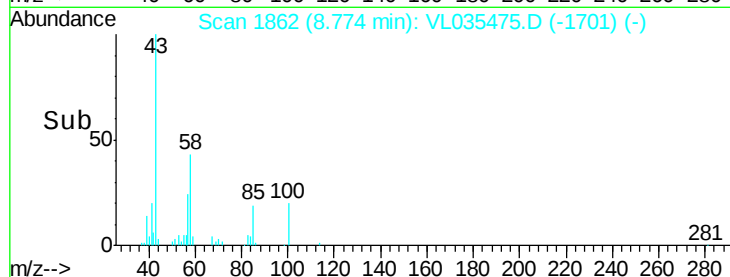
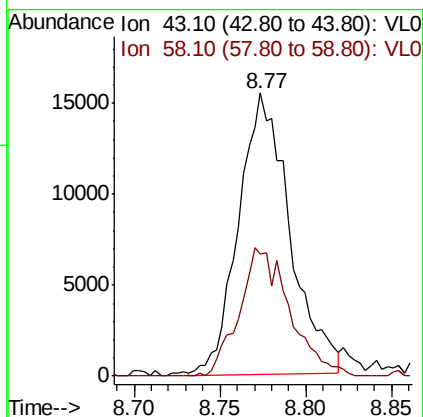
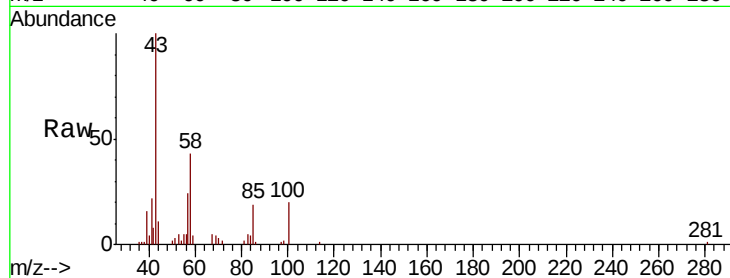




#50
4-Methyl-2-Pentanone
Concen: 0.138 ppbv
RT: 8.77 min Scan# 1862
Delta R.T. 0.02 min
Lab File: VL035475.D
Acq: 20 Aug 2020 15:08

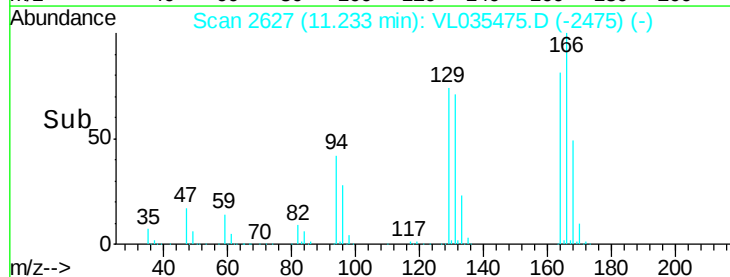
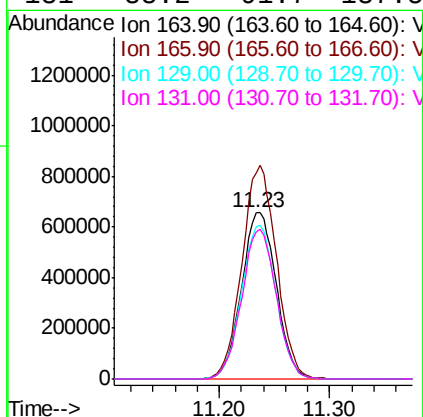
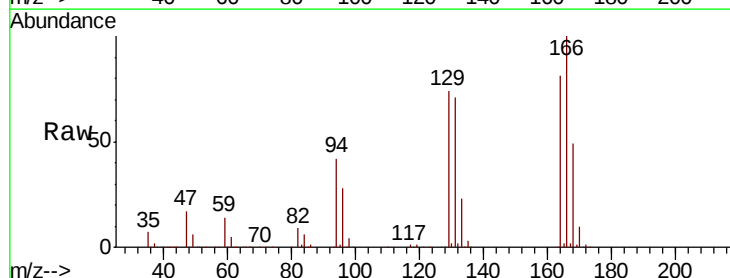
Instrument :
MSVOA_L
ClientSampleId :
SSMP-1DLDP

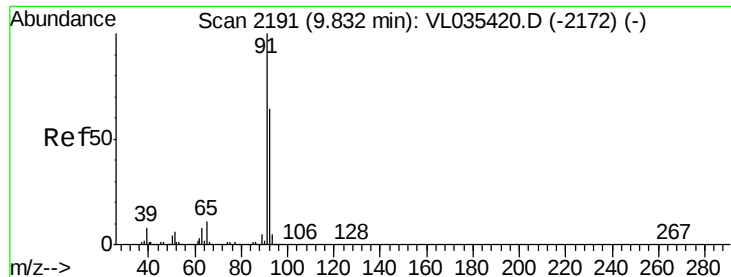
Tot Ion: 43 Resp: 32051
Ion Ratio Lower Upper
43 100
58 44.9 28.7 43.1#



#52
Tetrachloroethene
Concen: 6.634 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. -0.01 min
Lab File: VL035475.D
Acq: 20 Aug 2020 15:08

Tgt Ion: 164 Resp: 1436784
Ion Ratio Lower Upper
164 100
166 123.8 103.4 155.0
129 91.9 90.2 135.4
131 88.2 91.7 137.5#





#53

Toluene

Concen: 0.553 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. -0.01 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Instrument :

MSVOA_L

ClientSampleId :

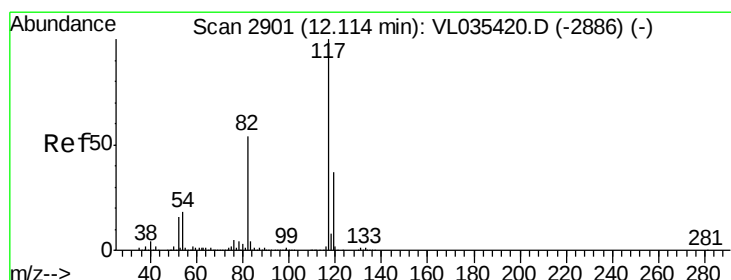
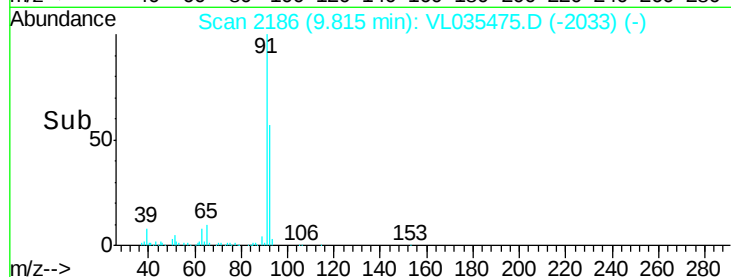
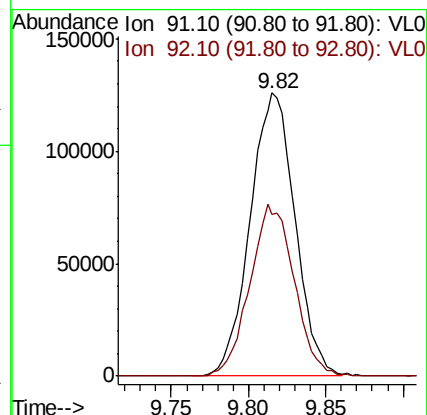
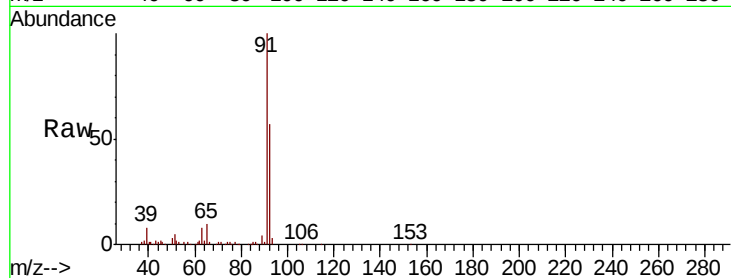
SSMP-1DLDP

Tot Ion: 91 Resp: 253062

Ion Ratio Lower Upper

91 100

92 60.3 49.1 73.7



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2896

Delta R.T. -0.01 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

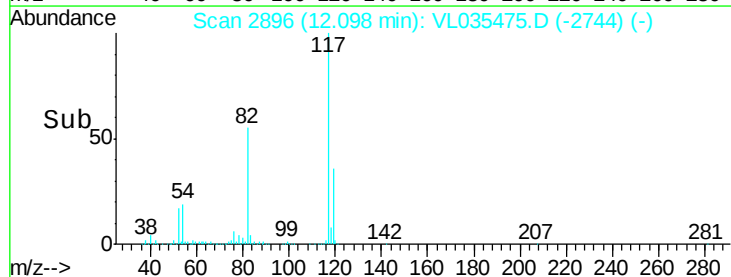
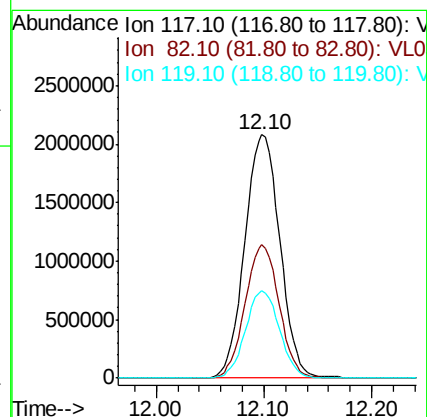
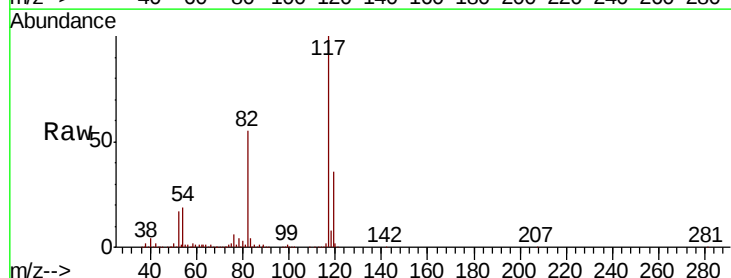
Tgt Ion: 117 Resp: 4714075

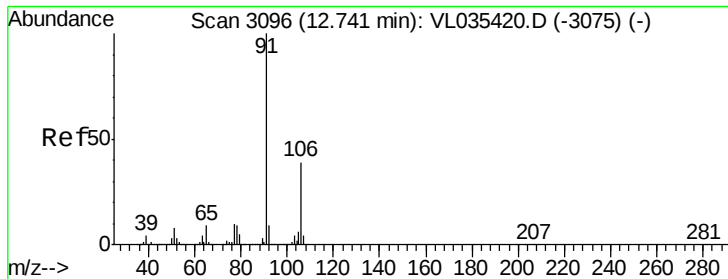
Ion Ratio Lower Upper

117 100

82 53.4 57.4 86.0#

119 34.9 28.4 42.6





#58

Ethyl Benzene

Concen: 0.076 ppbv

RT: 12.73 min Scan# 3092

Delta R.T. -0.00 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Instrument :

MSVOA_L

ClientSampleId :

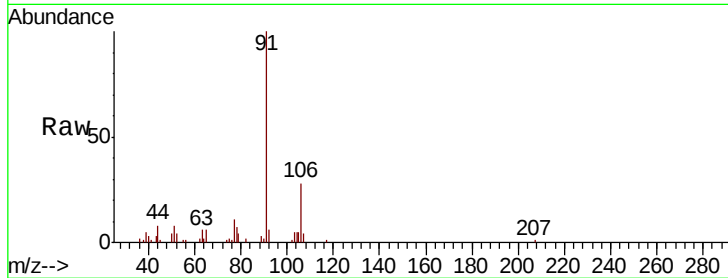
SSMP-1DLDP

Tot Ion: 91 Resp: 43151

Ion Ratio Lower Upper

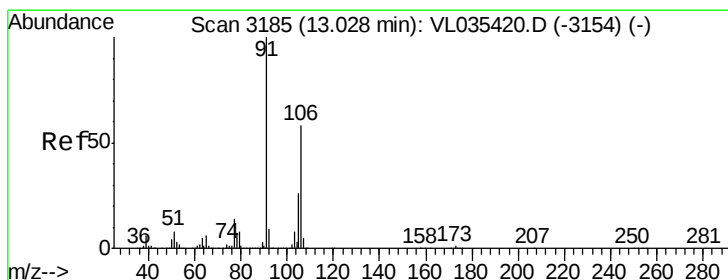
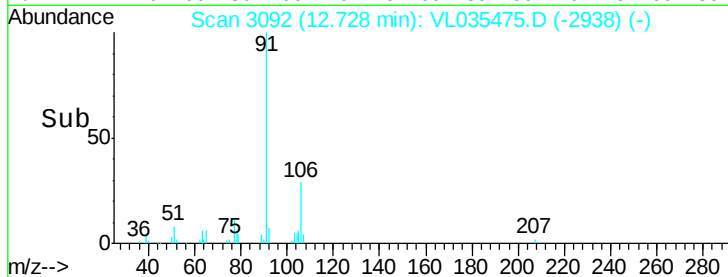
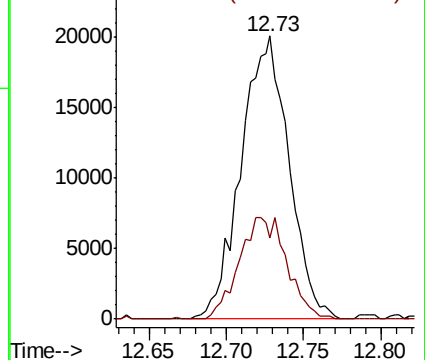
91 100

106 28.5 24.1 36.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.077 ppbv

RT: 13.01 min Scan# 3179

Delta R.T. -0.01 min

Lab File: VL035475.D

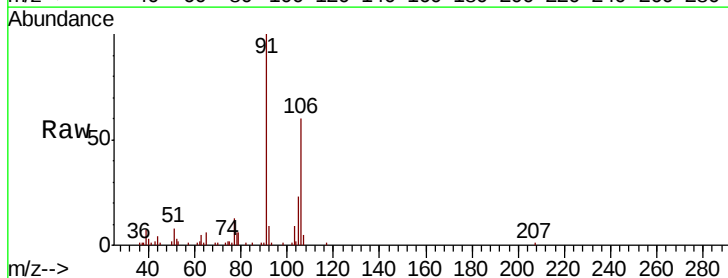
Acq: 20 Aug 2020 15:08

Tgt Ion: 91 Resp: 36887

Ion Ratio Lower Upper

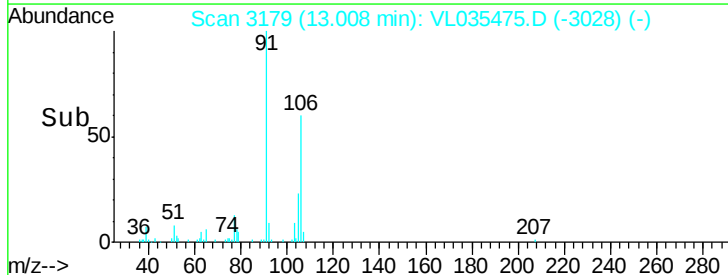
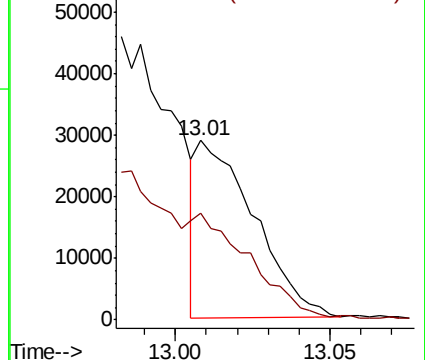
91 100

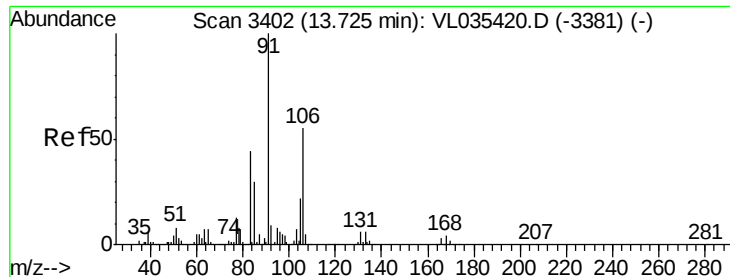
106 0.0 34.0 51.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#60

o-Xylene

Concen: 0.123 ppbv

RT: 13.71 min Scan# 3396

Delta R.T. -0.01 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Instrument :

MSVOA_L

ClientSampleId :

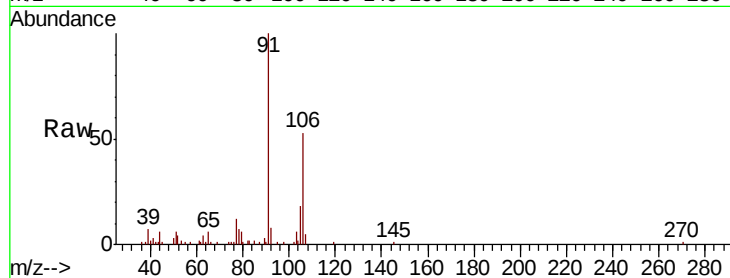
SSMP-1DLDP

Tot Ion: 91 Resp: 57681

Ion Ratio Lower Upper

91 100

106 50.8 21.8 65.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

13.71

30000

25000

20000

15000

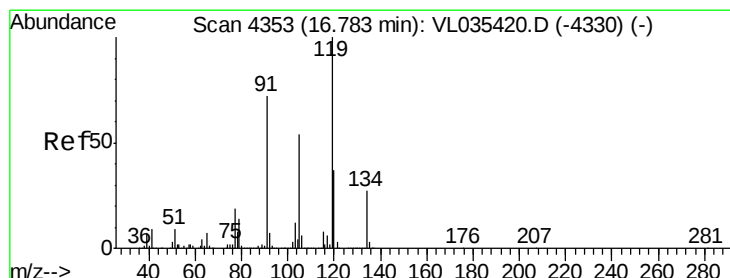
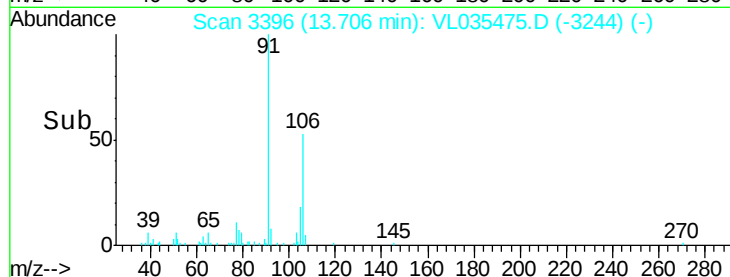
10000

5000

0

Time-->

13.65 13.70 13.75



#65

tert-Butylbenzene

Concen: 0.035 ppbv

RT: 16.78 min Scan# 4351

Delta R.T. 0.00 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

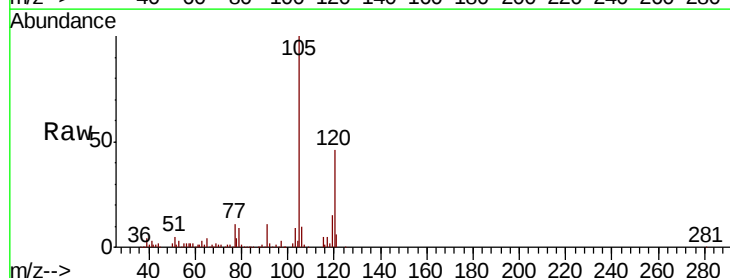
Tgt Ion: 119 Resp: 25831

Ion Ratio Lower Upper

119 100

91 91.1 72.0 108.0

134 2.9 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

16.78

15000

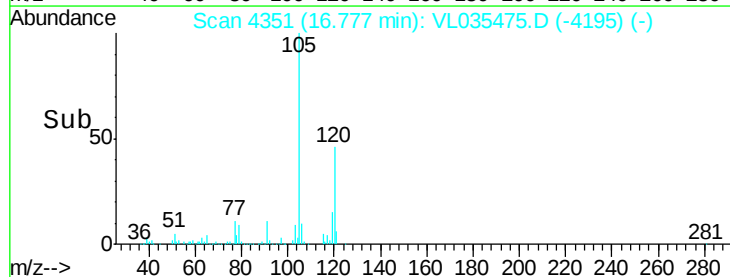
10000

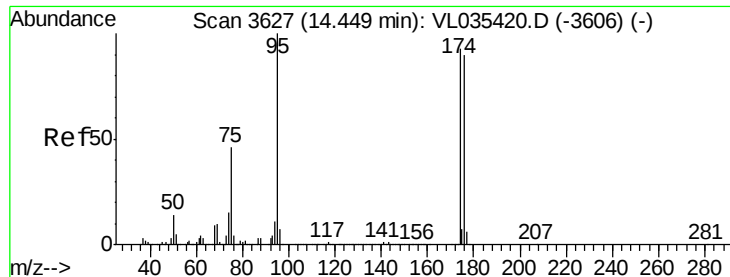
5000

0

Time-->

16.70 16.75 16.80 16.85





#68

1-Bromo-4-Fluorobenzene

Concen: 10.168 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. -0.01 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Instrument :

MSVOA_L

ClientSampleId :

SSMP-1DLDP

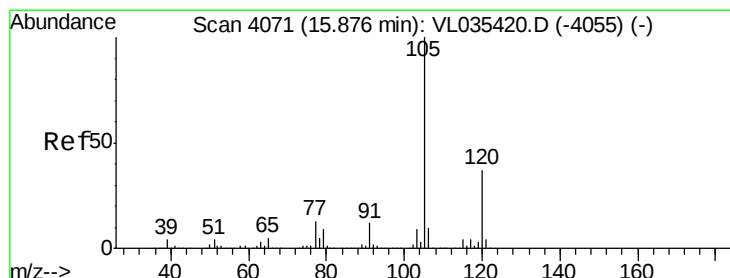
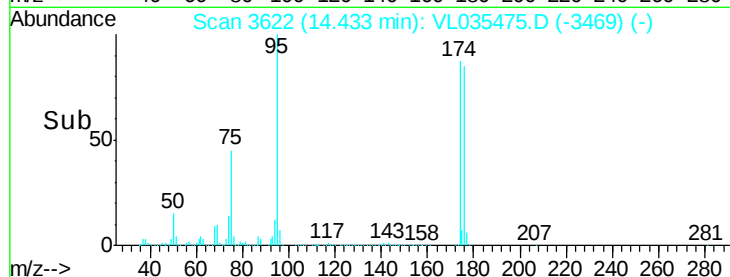
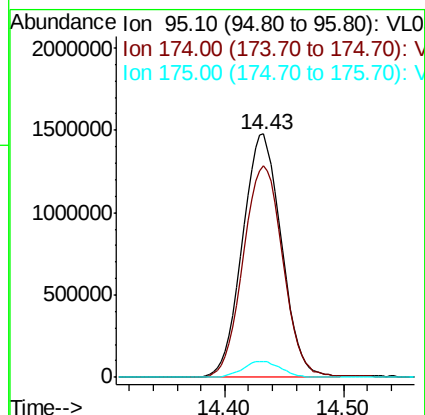
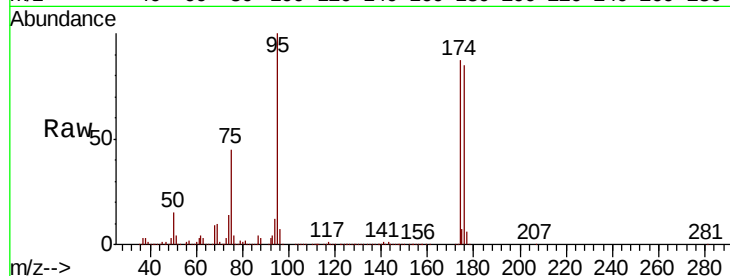
Tot Ion: 95 Resp: 335526

Ion Ratio Lower Upper

95 100

174 89.6 44.0 66.0#

175 6.5 3.2 4.8#



#72

4-Ethyltoluene

Concen: 0.075 ppbv

RT: 15.86 min Scan# 4065

Delta R.T. -0.01 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Tgt Ion: 105 Resp: 45720

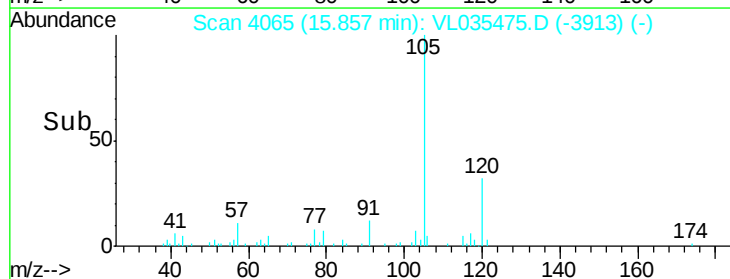
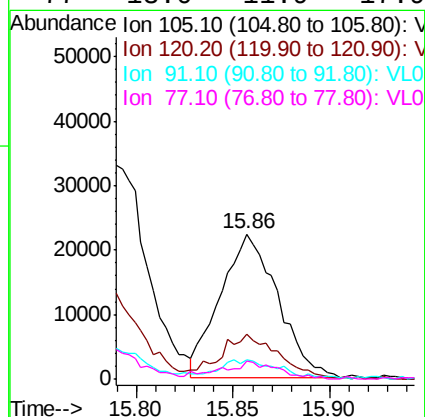
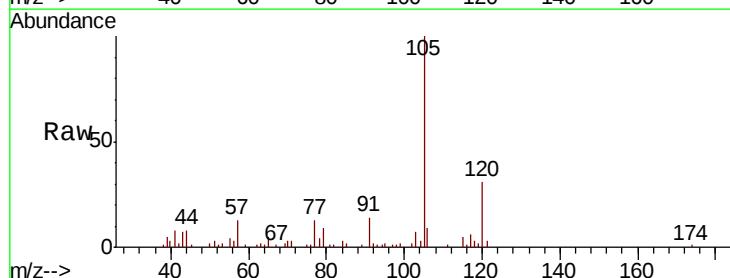
Ion Ratio Lower Upper

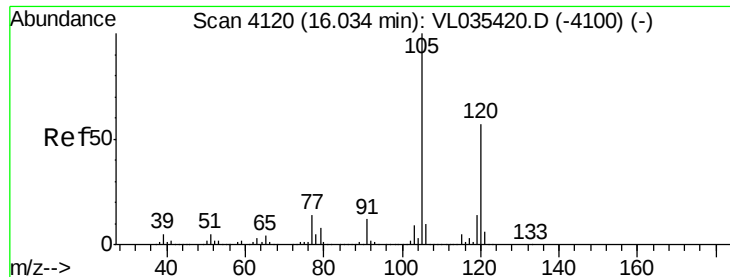
105 100

120 32.1 22.7 34.1

91 15.7 10.8 16.2

77 13.0 11.9 17.9





#73

1,3,5-Trimethylbenzene

Concen: 0.074 ppbv

RT: 16.01 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Instrument :

MSVOA_L

ClientSampleId :

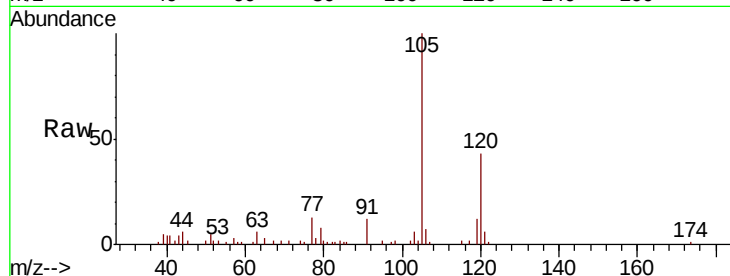
SSMP-1DLDP

Tot Ion:105 Resp: 42211

Ion Ratio Lower Upper

105 100

120 42.7 35.6 53.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.01

25000

20000

15000

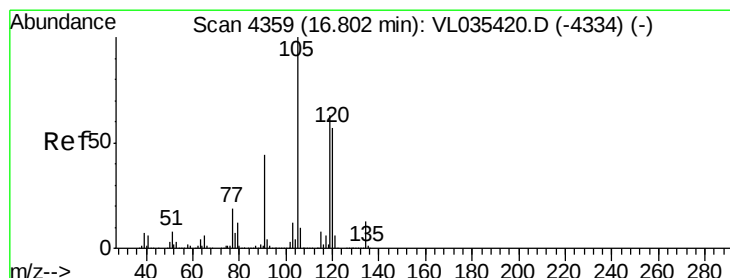
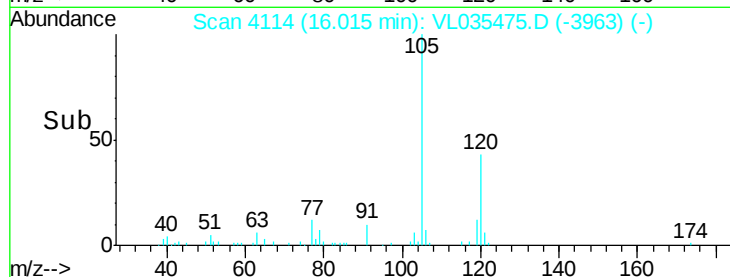
10000

5000

0

Time-->

15.95 16.00 16.05



#74

1,2,4-Trimethylbenzene

Concen: 0.317 ppbv

RT: 16.78 min Scan# 4353

Delta R.T. -0.01 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Tgt Ion:105 Resp: 196812

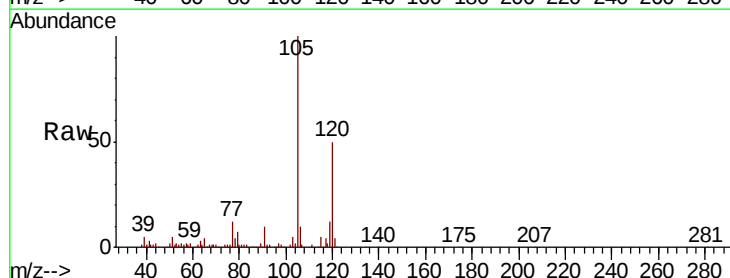
Ion Ratio Lower Upper

105 100

120 50.4 37.8 56.8

91 9.6 40.0 60.0#

77 11.8 18.8 28.2#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

16.78

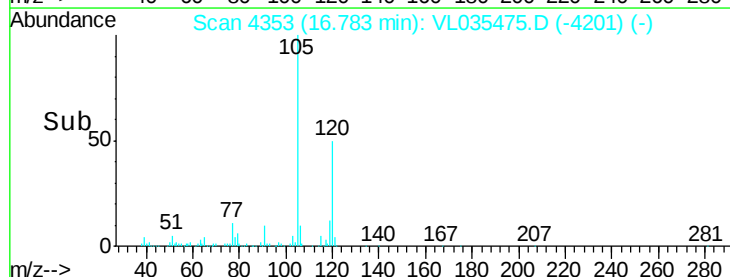
100000

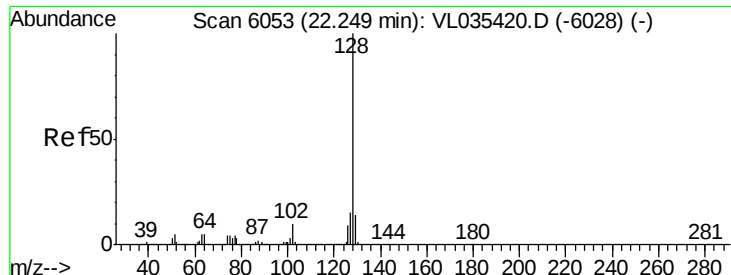
50000

0

Time-->

16.70 16.75 16.80 16.85





#79

Naphthalene

Concen: 0.032 ppbv

RT: 22.23 min Scan# 6048

Delta R.T. -0.01 min

Lab File: VL035475.D

Acq: 20 Aug 2020 15:08

Instrument :

MSVOA_L

ClientSampleId :

SSMP-1DLDP

Tot Ion:128 Resp: 27815

Ion Ratio Lower Upper

128 100

127 10.4 11.4 17.0#

129 11.0 9.5 14.3

