

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036122.D
 Acq On : 9 Dec 2020 8:43
 Operator : SY/AP
 Sample : L4948-14 2X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-6B

Quant Time: Dec 10 00:28:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

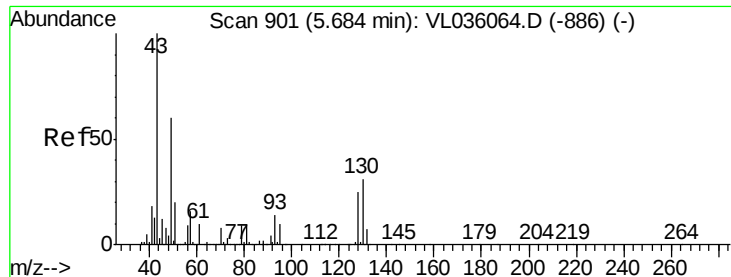
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1288774	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2579501	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	2270144	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2030116	11.26	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.60%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	12992	0.087 ppbv	# 81
3) Chlorodifluoromethane	2.99	51	67839	0.461 ppbv	# 76
4) Chloromethane	3.14	50	10567	0.146 ppbv	91
9) Propene	3.02	41	212747	2.888 ppbv	# 70
10) Heptane	8.13	43	131478	0.699 ppbv	97
11) Trichlorofluoromethane	3.95	101	64166	0.363 ppbv	87
13) Ethanol	3.61	45	1117268	110.028 ppbv	89
15) Acetone	3.85	43	1807237	11.668 ppbv	95
16) 1,3-Butadiene	3.36	39	71803	0.920 ppbv	# 21
17) tert-Butyl alcohol	4.31	59	15757	0.105 ppbv	# 71
19) Isopropyl Alcohol	3.98	45	112271	1.186 ppbv	# 100
20) Methylene Chloride	4.35	84	129453	2.040 ppbv	94
23) Vinyl Acetate	5.08	43	9105	0.044 ppbv	# 49
24) 1,1-Dichloroethane	5.01	63	28403	0.196 ppbv	# 89
25) Ethyl Acetate	5.69	43	160826	0.520 ppbv	# 89
26) Hexane	5.69	57	166550	1.196 ppbv	# 48
30) Cyclohexane	7.14	84	297173	2.905 ppbv	94
32) 1,1,1-Trichloroethane	6.52	97	9955942	52.758 ppbv	94
34) 2-Butanone	5.25	43	324875	1.899 ppbv	100
35) Carbon Tetrachloride	7.03	117	14704	0.098 ppbv	# 71
36) Benzene	6.90	78	677750	3.100 ppbv	96
37) 1,2-Dichloroethane	6.52	62	901691	7.118 ppbv	# 1
38) Trichloroethene	7.84	130	16461	0.201 ppbv	94
39) 1,2-Dichloropropane	7.18	63	827277	9.583 ppbv	# 24
44) 2,2,4-Trimethylpentane	7.88	57	47841	0.121 ppbv	# 1
51) 2-Hexanone	10.13	43	6759	0.034 ppbv	# 29
52) Tetrachloroethene	11.23	164	156252	1.974 ppbv	90
53) Toluene	9.82	91	230970	0.941 ppbv	99
58) Ethyl Benzene	12.73	91	282586	0.908 ppbv	99
59) m/p-Xylene	12.98	91	1200861	4.583 ppbv	98
60) o-Xylene	13.71	91	449977	1.823 ppbv	98
62) Isopropylbenzene	14.68	105	30458	0.083 ppbv	96
73) 1,3,5-Trimethylbenzene	16.01	105	8477	0.033 ppbv	# 60
74) 1,2,4-Trimethylbenzene	16.78	105	35505	0.138 ppbv	# 65
79) Naphthalene	22.22	128	6732	0.052 ppbv	# 78

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.01 min

Lab File: VL036122.D

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SS-6B

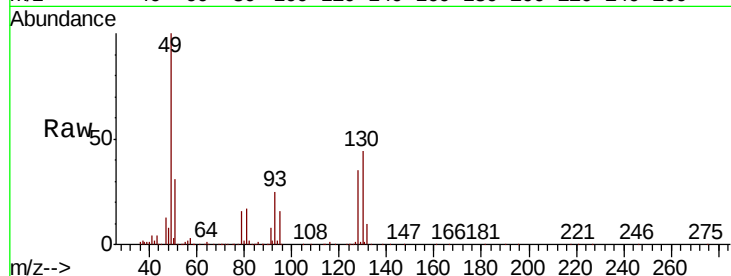
Tot Ion: 49 Resp: 1288774

Ion Ratio Lower Upper

49 100

128 36.4 21.1 63.1

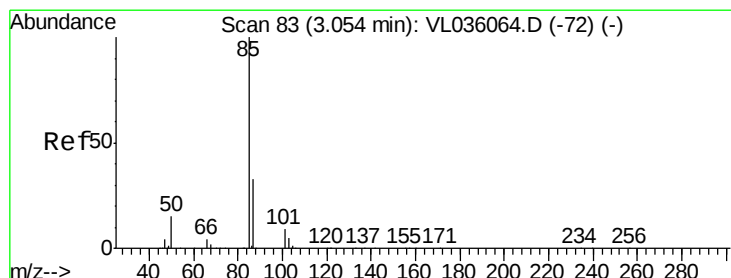
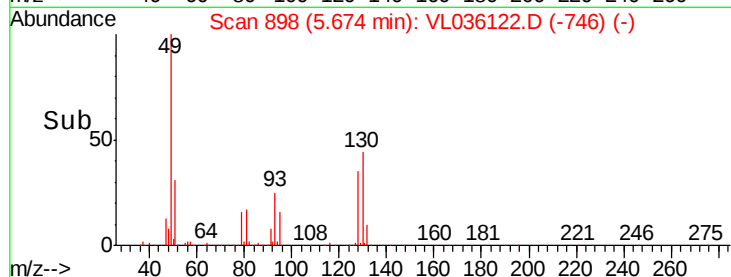
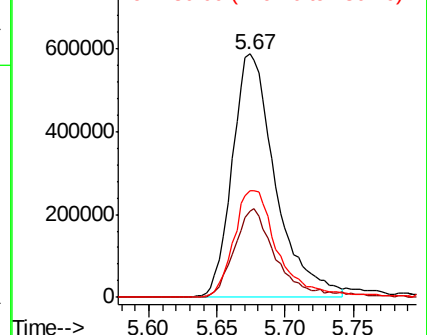
130 46.4 27.1 81.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.087 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.01 min

Lab File: VL036122.D

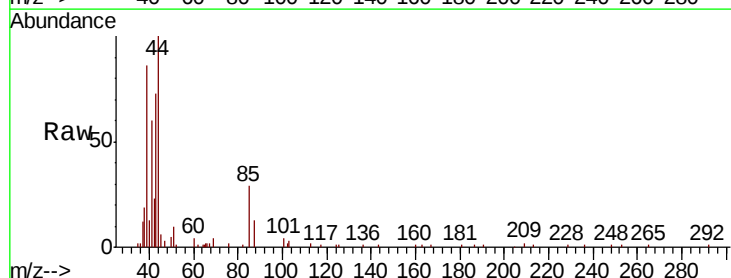
Acq: 9 Dec 2020 8:43

Tgt Ion: 85 Resp: 12992

Ion Ratio Lower Upper

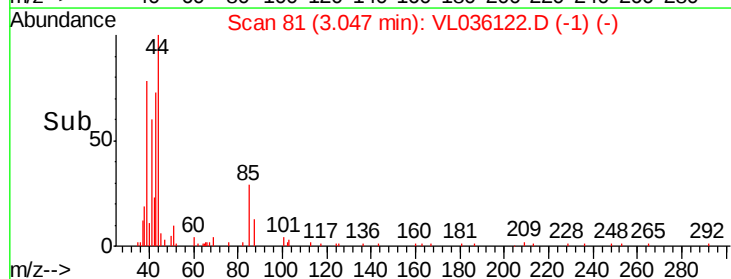
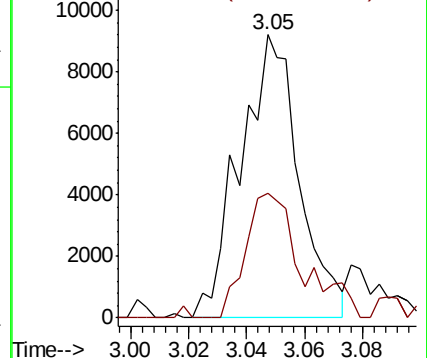
85 100

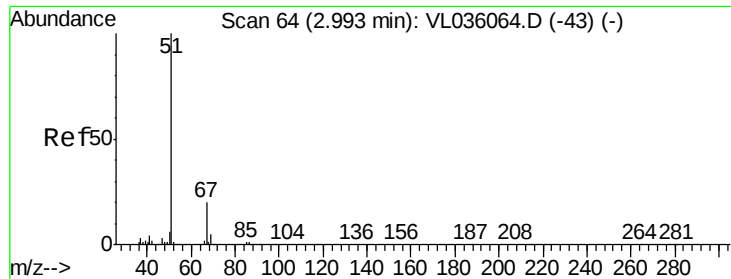
87 44.0 26.5 39.7#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

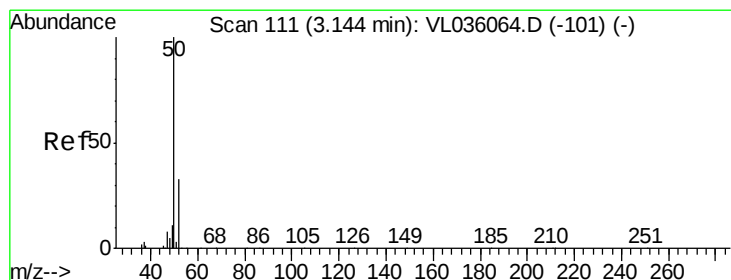
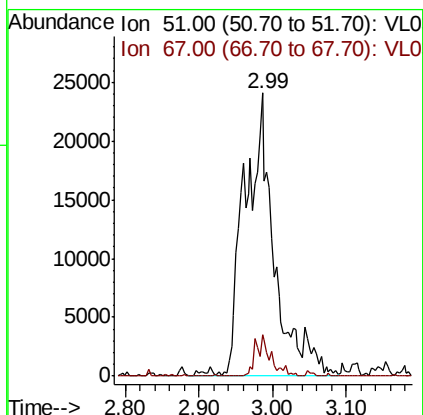
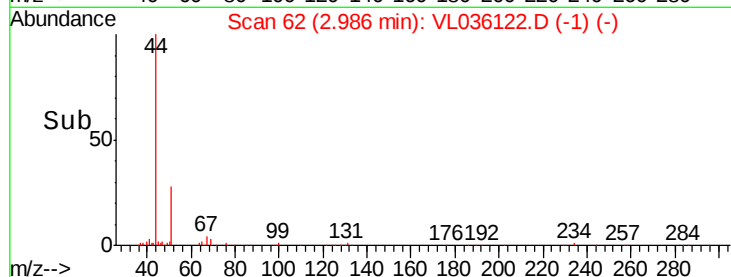
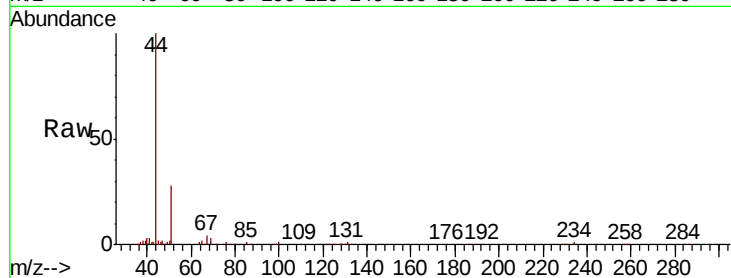




#3
Chlorodifluoromethane
Concen: 0.461 ppbv
RT: 2.99 min Scan# 62
Delta R.T. -0.01 min
Lab File: VL036122.D
Acq: 9 Dec 2020 8:43

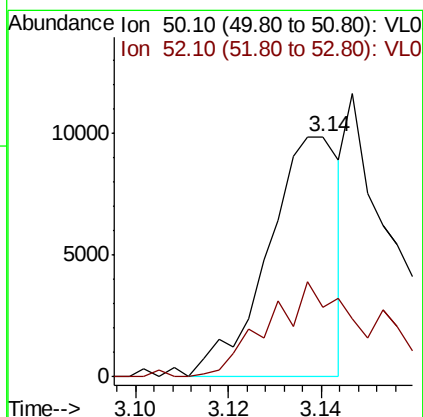
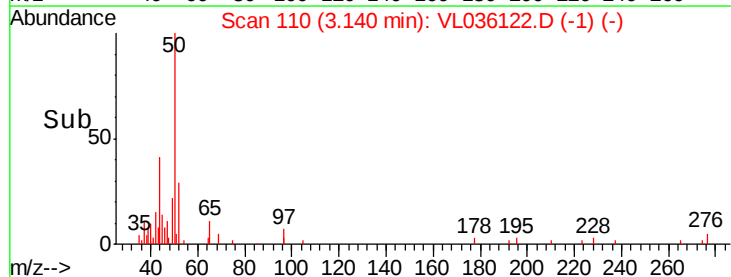
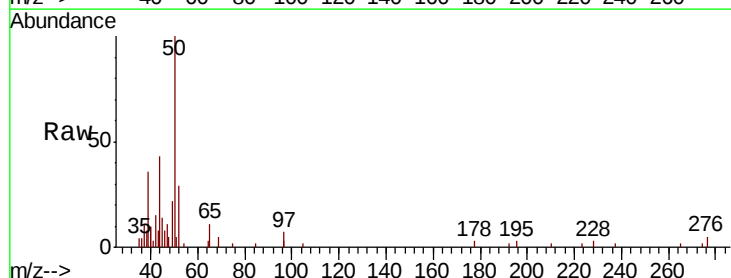
Instrument :
MSVOA_L
ClientSampleId :
SS-6B

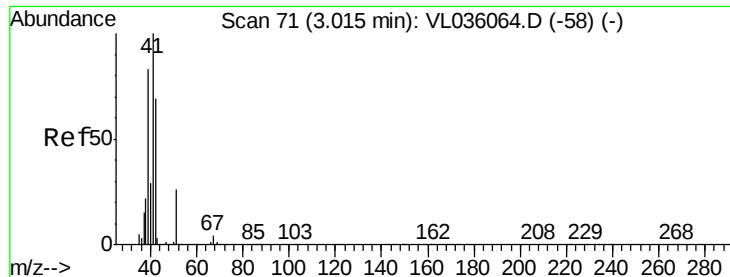
Tot Ion: 51 Resp: 67839
Ion Ratio Lower Upper
51 100
67 7.5 14.3 21.5#



#4
Chloromethane
Concen: 0.146 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL036122.D
Acq: 9 Dec 2020 8:43

Tgt Ion: 50 Resp: 10567
Ion Ratio Lower Upper
50 100
52 27.4 26.1 39.1





#9

Propene

Concen: 2.888 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Instrument :

MSVOA_L

ClientSampleId :

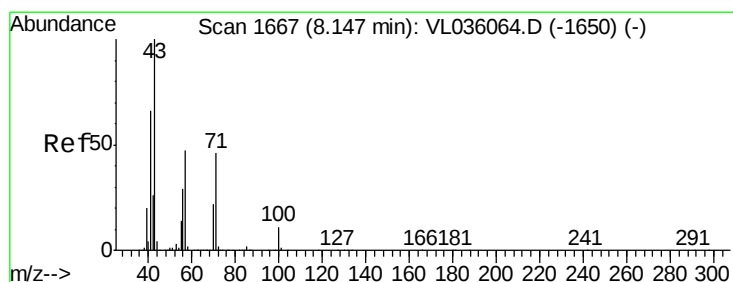
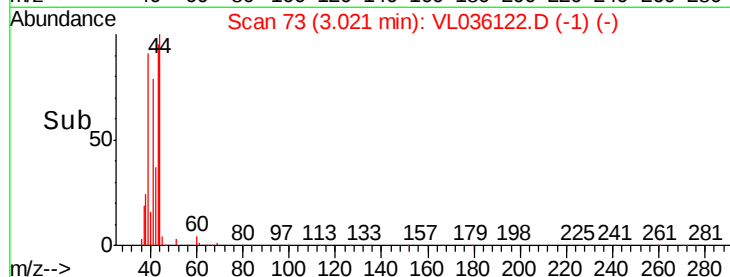
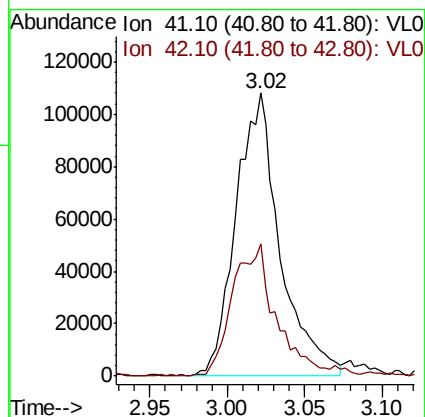
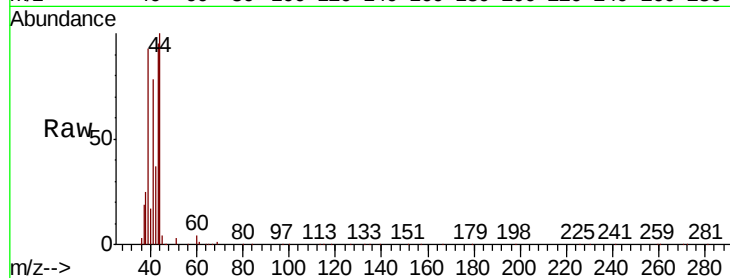
SS-6B

Tot Ion: 41 Resp: 212747

Ion Ratio Lower Upper

41 100

42 46.2 57.0 85.6#



#10

Heptane

Concen: 0.699 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VL036122.D

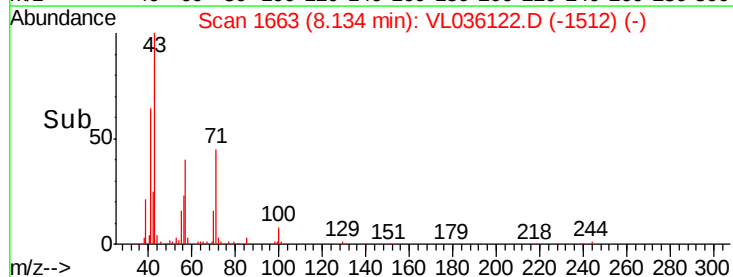
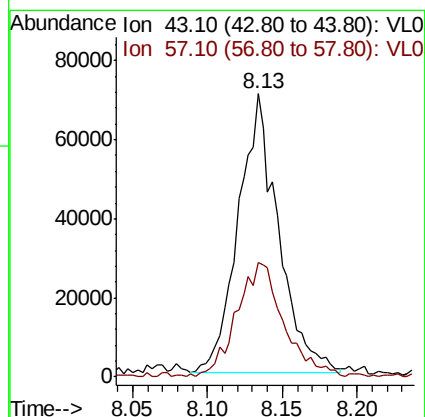
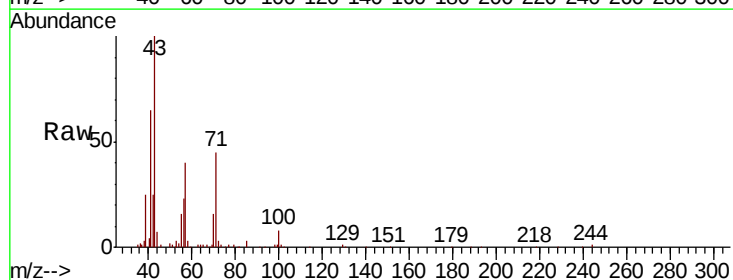
Acq: 9 Dec 2020 8:43

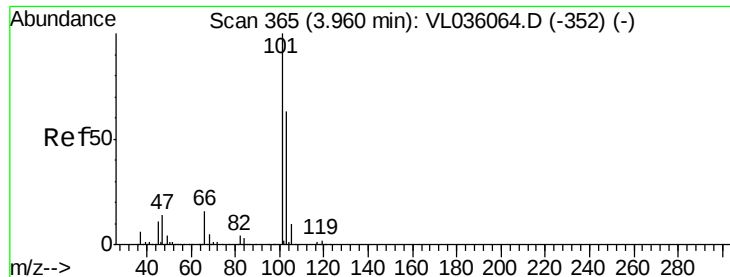
Tgt Ion: 43 Resp: 131478

Ion Ratio Lower Upper

43 100

57 49.3 37.9 56.9





#11

Trichlorofluoromethane

Concen: 0.363 ppbv

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Instrument :

MSVOA_L

ClientSampleId :

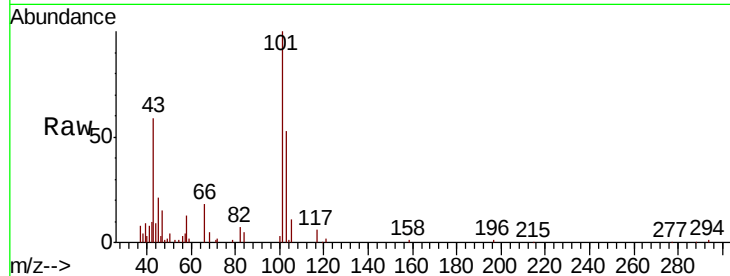
SS-6B

Tot Ion:101 Resp: 64166

Ion Ratio Lower Upper

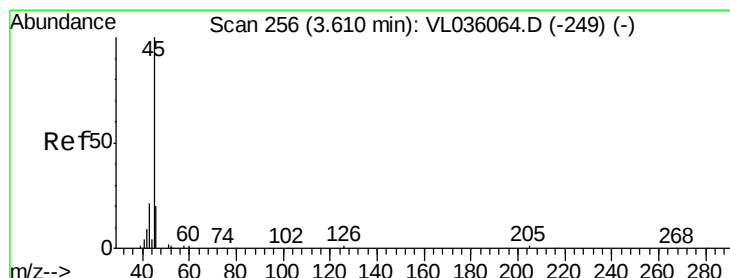
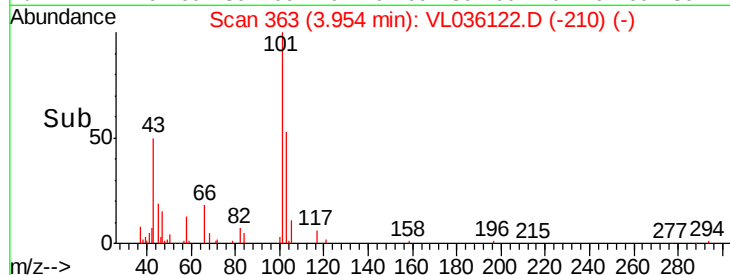
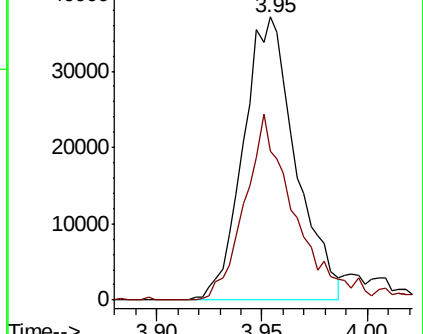
101 100

103 52.7 50.3 75.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 110.028 ppbv

RT: 3.61 min Scan# 256

Delta R.T. -0.00 min

Lab File: VL036122.D

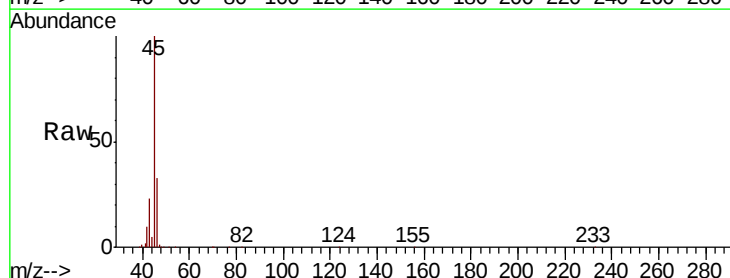
Acq: 9 Dec 2020 8:43

Tgt Ion: 45 Resp: 1117268

Ion Ratio Lower Upper

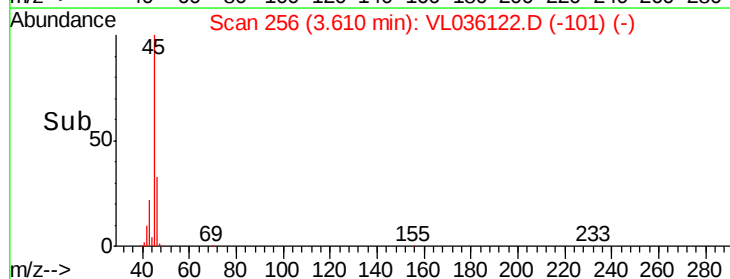
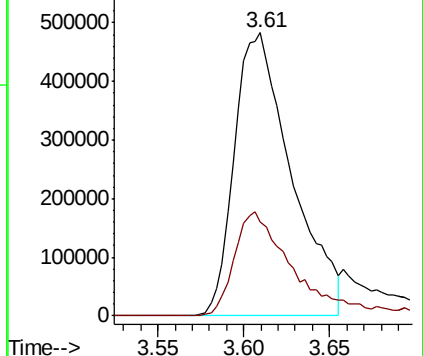
45 100

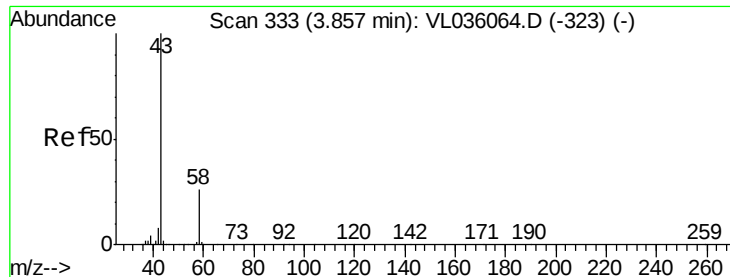
46 40.3 19.0 75.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 11.668 ppbv

RT: 3.85 min Scan# 331

Delta R.T. -0.01 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Instrument :

MSVOA_L

ClientSampleId :

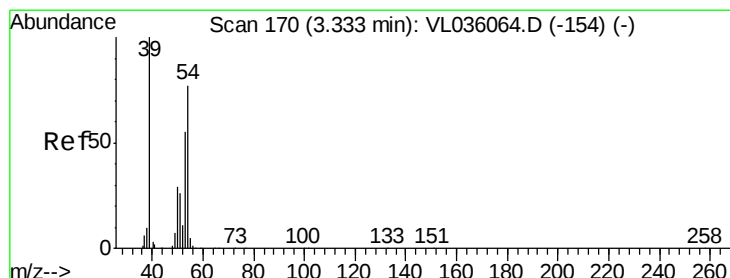
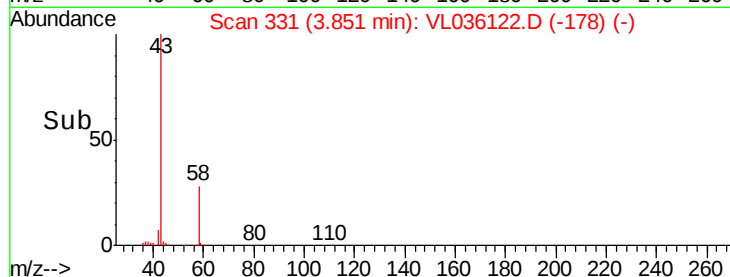
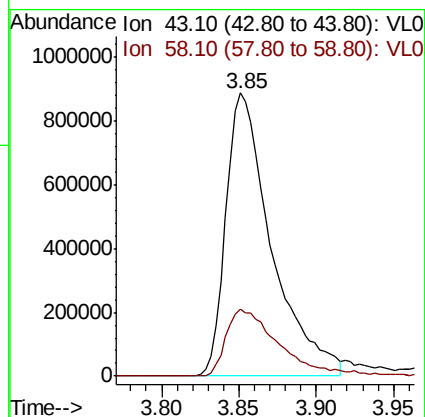
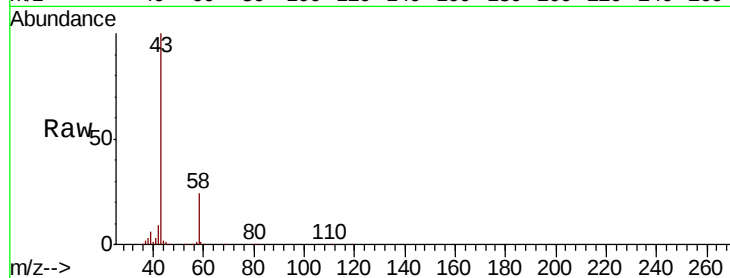
SS-6B

Tot Ion: 43 Resp: 1807237

Ion Ratio Lower Upper

43 100

58 28.7 20.9 31.3



#16

1,3-Butadiene

Concen: 0.920 ppbv

RT: 3.36 min Scan# 177

Delta R.T. 0.02 min

Lab File: VL036122.D

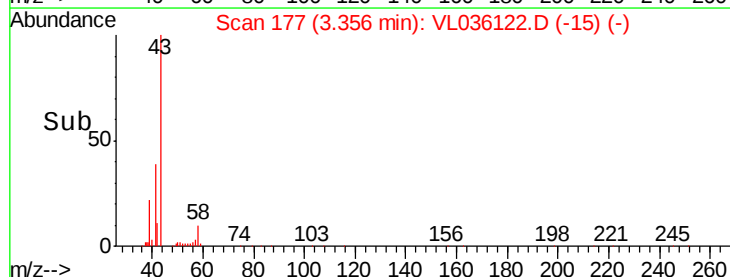
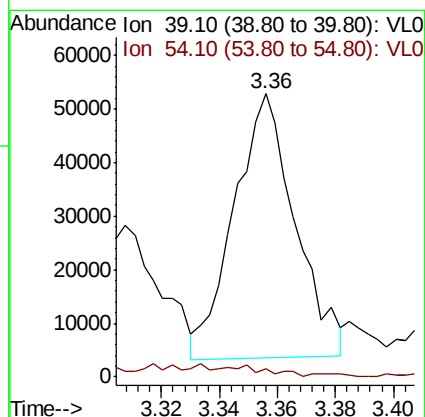
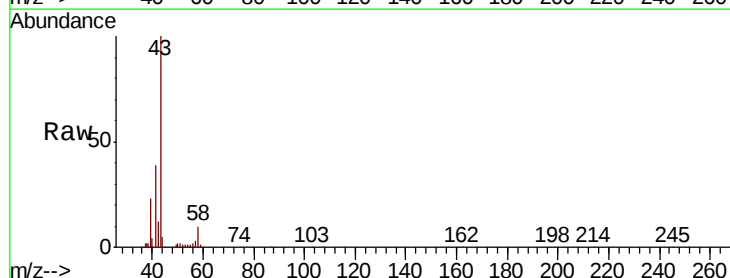
Acq: 9 Dec 2020 8:43

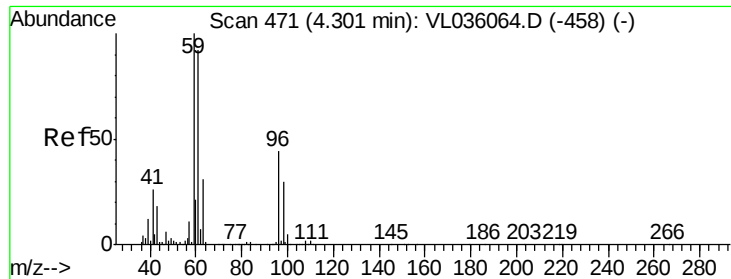
Tgt Ion: 39 Resp: 71803

Ion Ratio Lower Upper

39 100

54 9.4 62.1 93.1#





#17

tert-Butyl alcohol

Concen: 0.105 ppbv

RT: 4.31 min Scan# 474

Delta R.T. 0.01 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Instrument :

MSVOA_L

ClientSampleId :

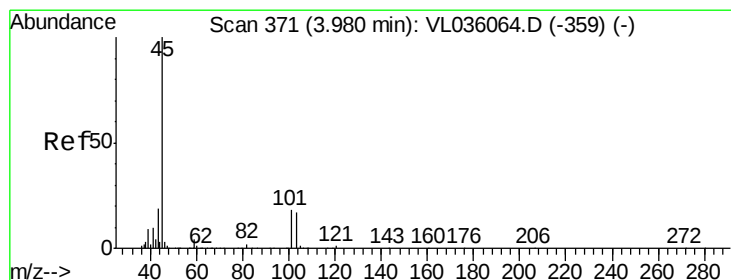
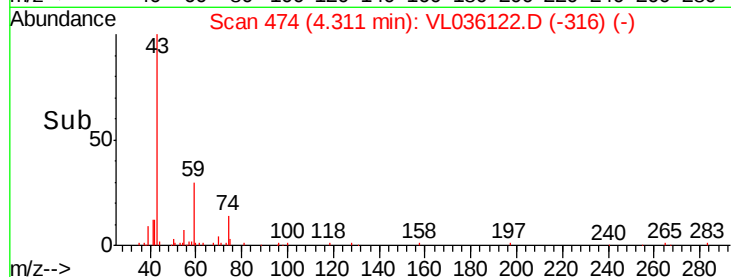
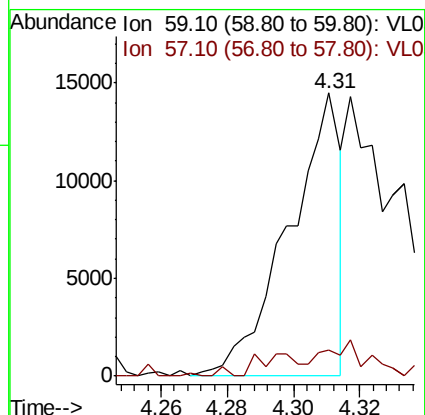
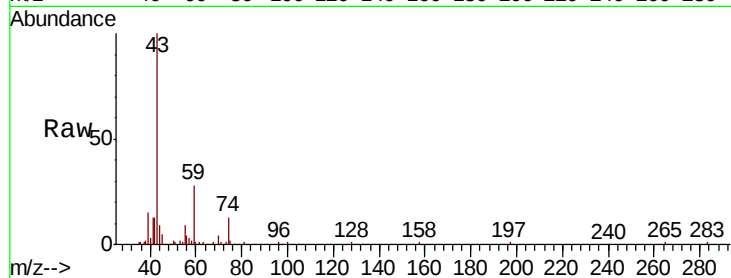
SS-6B

Tot Ion: 59 Resp: 15757

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#19

Isopropyl Alcohol

Concen: 1.186 ppbv

RT: 3.98 min Scan# 370

Delta R.T. -0.00 min

Lab File: VL036122.D

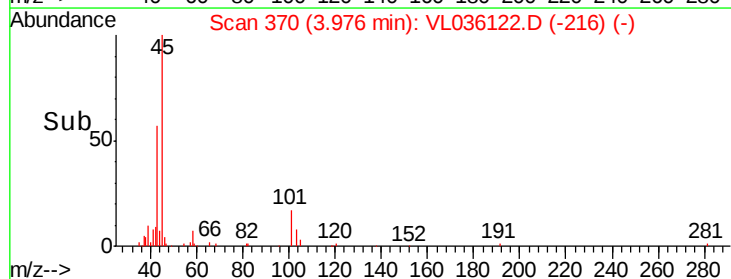
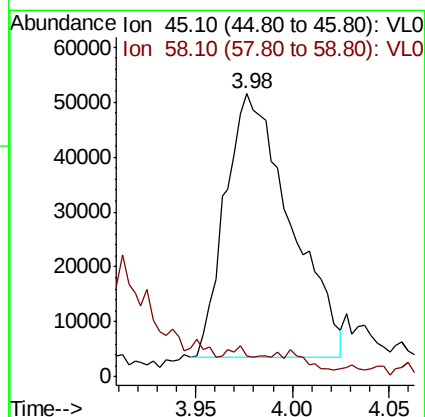
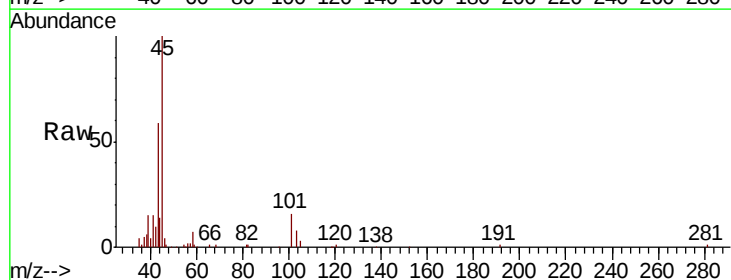
Acq: 9 Dec 2020 8:43

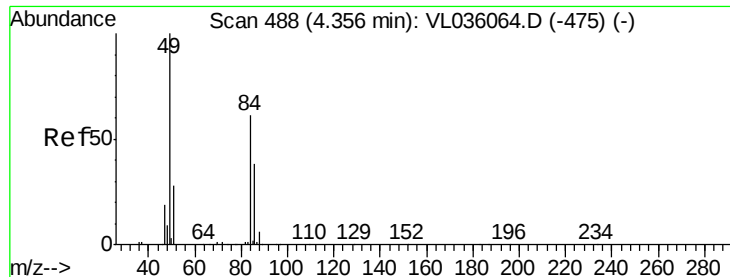
Tgt Ion: 45 Resp: 112271

Ion Ratio Lower Upper

45 100

58 461.7 0.0 0.0#

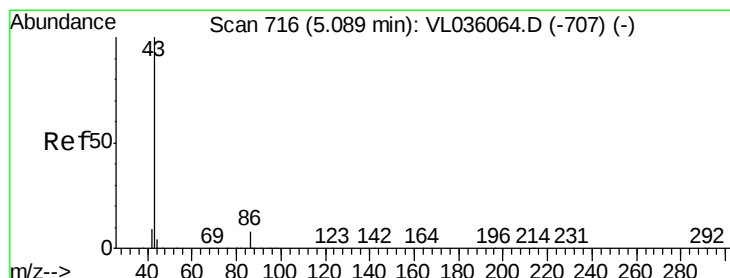
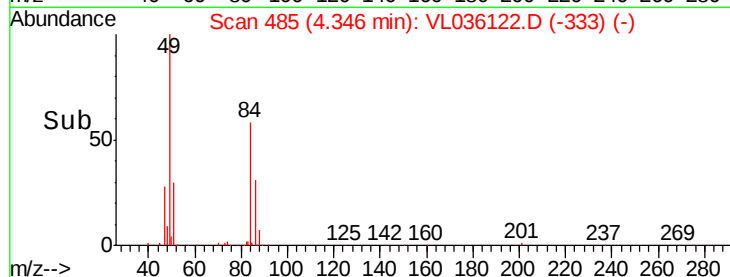
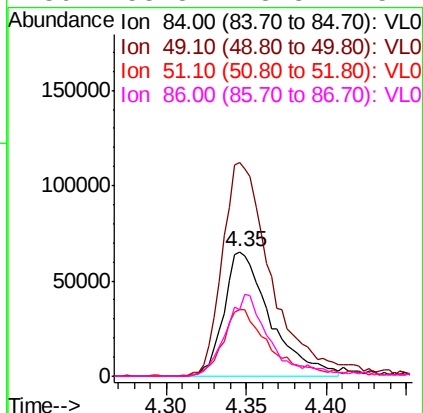
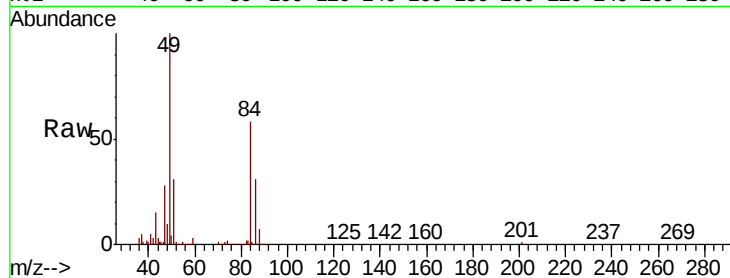




#20
Methvlene Chloride
Concen: 2.040 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.01 min
Lab File: VL036122.D
Acq: 9 Dec 2020 8:43

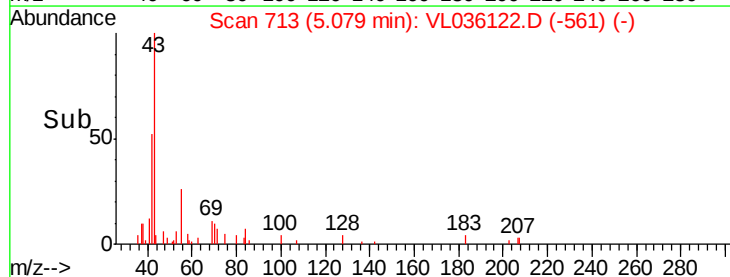
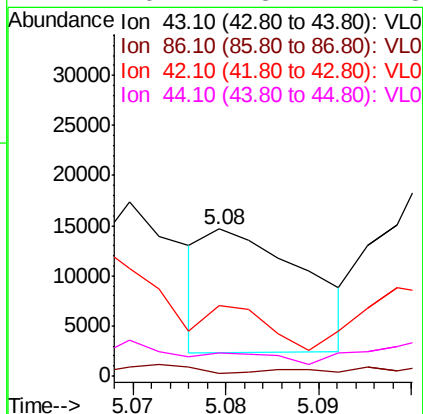
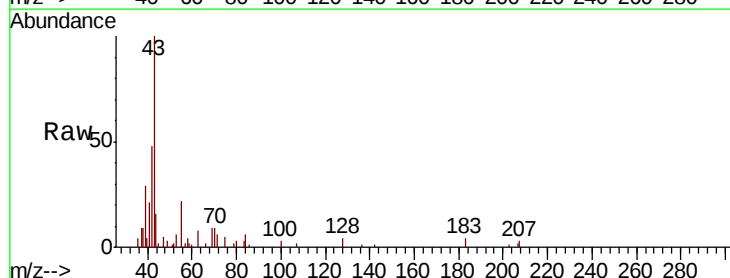
Instrument :
MSVOA_L
ClientSampleId :
SS-6B

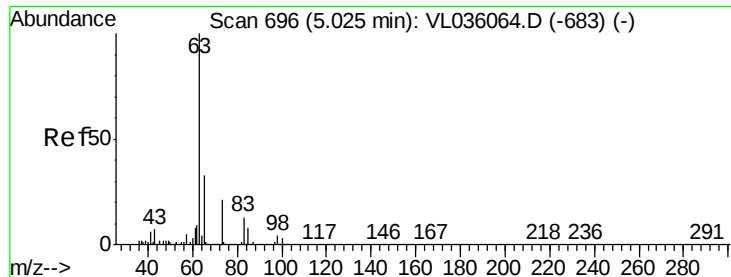
Tot Ion:	84	Resp:	129453
Ion	Ratio	Lower	Upper
84	100		
49	170.3	133.0	199.4
51	55.2	38.9	58.3
86	53.8	48.8	73.2



#23
Vinyl Acetate
Concen: 0.044 ppbv
RT: 5.08 min Scan# 713
Delta R.T. -0.01 min
Lab File: VL036122.D
Acq: 9 Dec 2020 8:43

Tgt Ion:	43	Resp:	9105
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.4#
42	43.1	7.8	11.6#
44	6.4	3.2	4.8#





#24

1,1-Dichloroethane

Concen: 0.196 ppbv

RT: 5.01 min Scan# 693

Delta R.T. -0.01 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

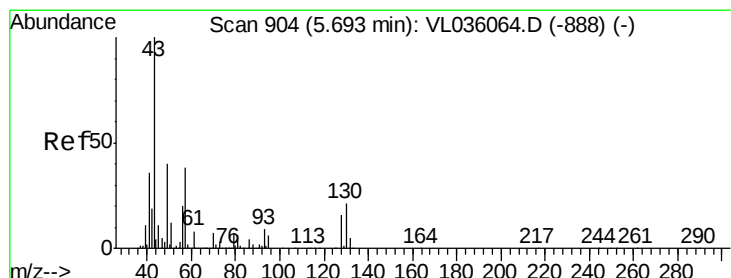
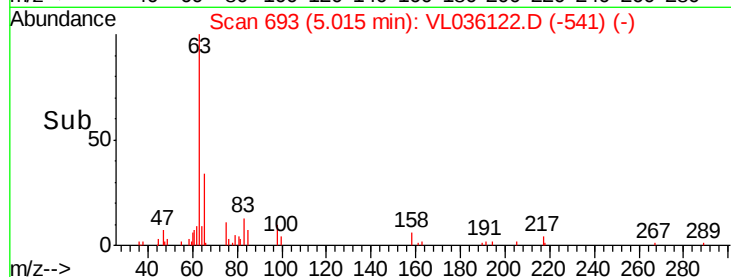
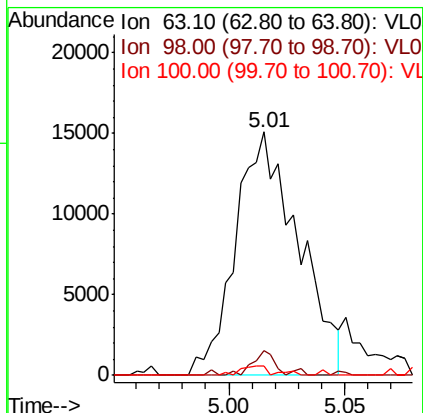
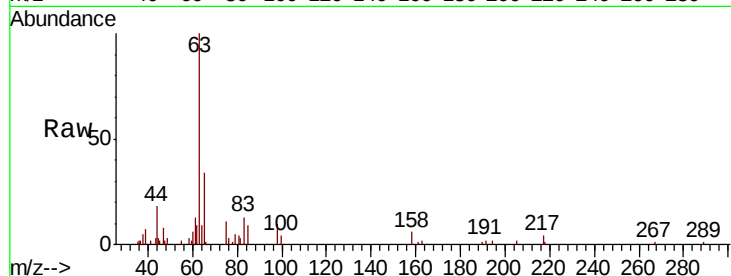
Instrument :

MSVOA_L

ClientSampleId :

SS-6B

Tot Ion:	63	Resp:	28403
Ion	Ratio	Lower	Upper
63	100		
98	10.0	2.2	6.6#
100	3.9	1.5	4.4



#25

Ethyl Acetate

Concen: 0.520 ppbv

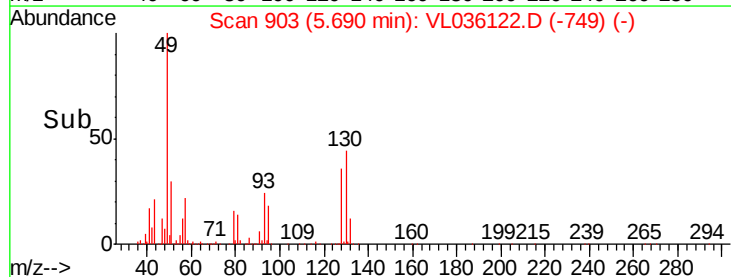
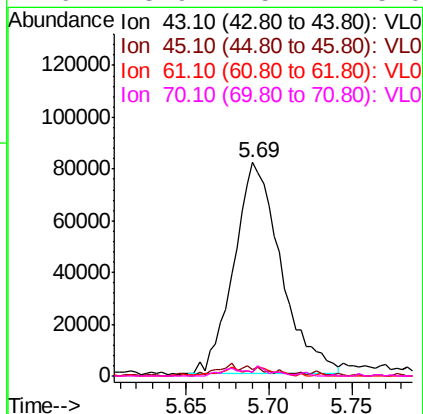
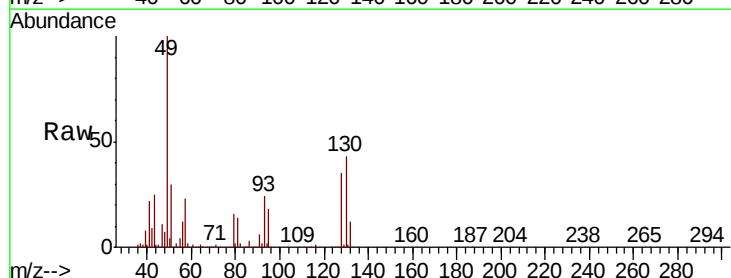
RT: 5.69 min Scan# 903

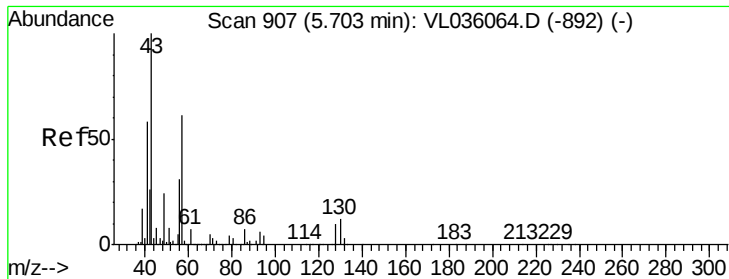
Delta R.T. -0.00 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Tgt Ion:	43	Resp:	160826
Ion	Ratio	Lower	Upper
43	100		
45	7.0	8.2	12.4#
61	4.1	7.4	11.2#
70	3.9	5.4	8.0#

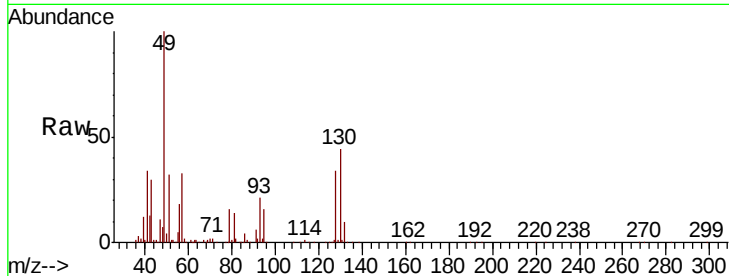




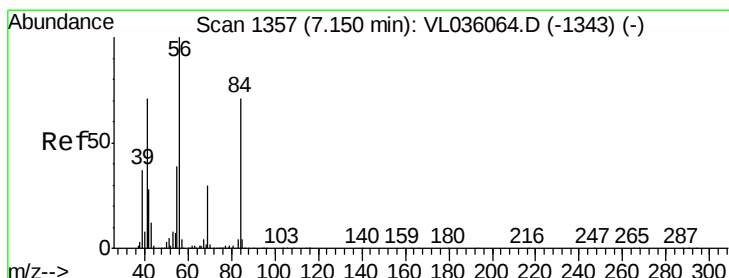
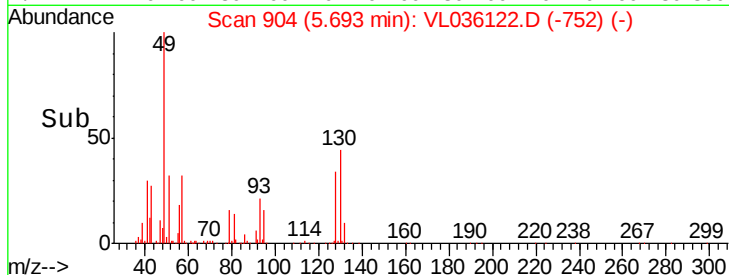
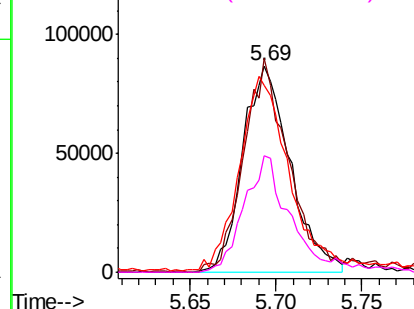
#26
Hexane
Concen: 1.196 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL036122.D
Acq: 9 Dec 2020 8:43

Instrument :
MSVOA_L
ClientSampleId :
SS-6B

Tot Ion: 57 Resp: 166550
Ion Ratio Lower Upper
57 100
41 106.1 82.9 124.3
43 105.7 199.9 299.9#
56 58.3 43.1 64.7

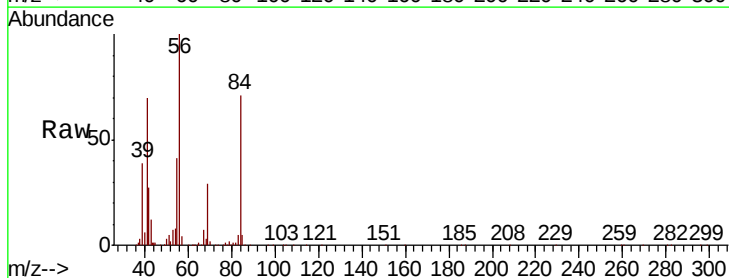


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

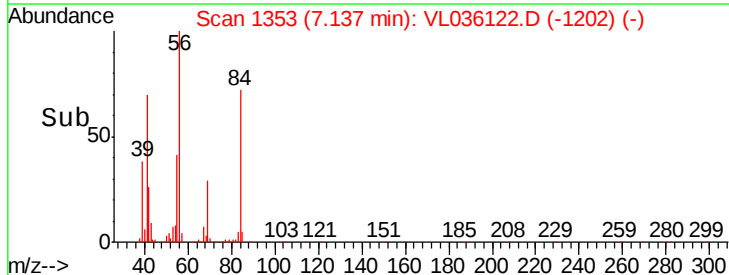
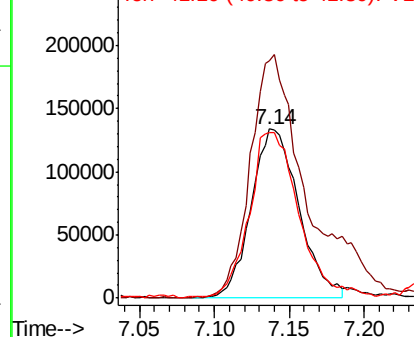


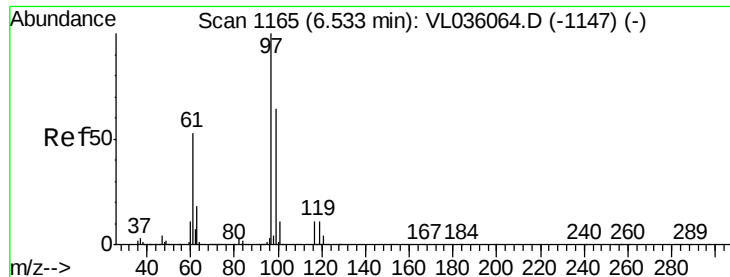
#30
Cyclohexane
Concen: 2.905 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL036122.D
Acq: 9 Dec 2020 8:43

Tgt Ion: 84 Resp: 297173
Ion Ratio Lower Upper
84 100
56 172.2 128.0 192.0
41 100.4 81.3 121.9



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





#32

1,1,1-Trichloroethane

Concen: 52.758 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Instrument :

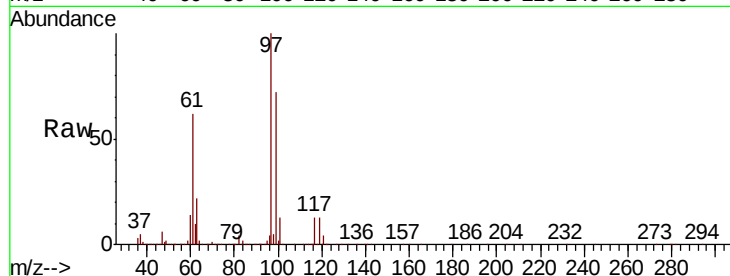
MSVOA_L

ClientSampleId :

SS-6B

Tot Ion: 97 Resp: 9955942

Ion	Ratio	Lower	Upper
97	100		
99	68.9	52.4	78.6
61	59.2	43.4	65.0

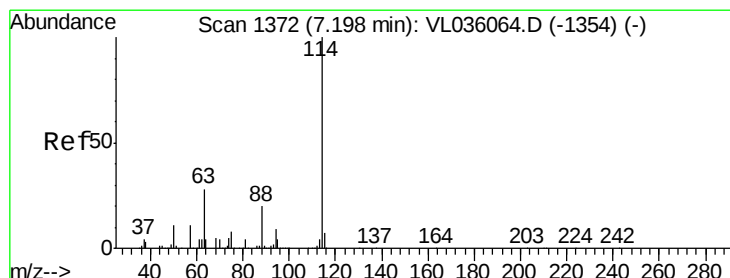
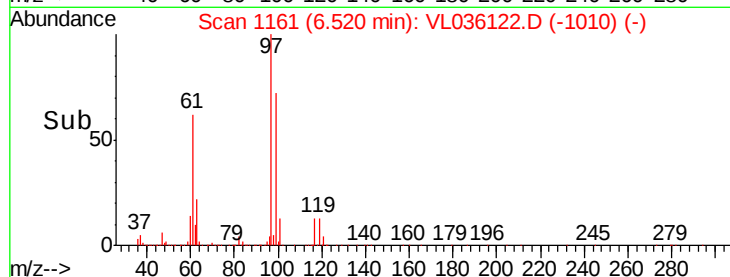
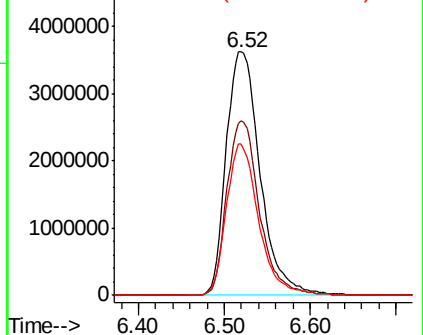


Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

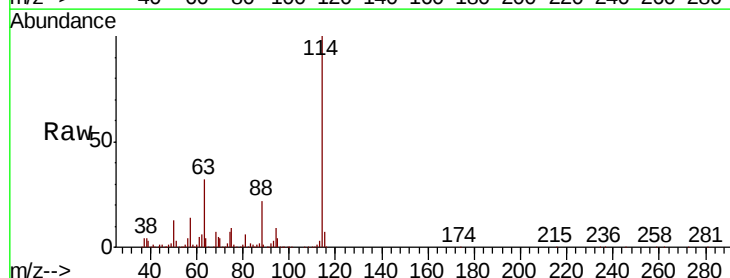
Delta R.T. -0.01 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Tgt Ion: 114 Resp: 2579501

Ion	Ratio	Lower	Upper
114	100		
63	33.0	23.6	35.4
88	21.4	15.8	23.6

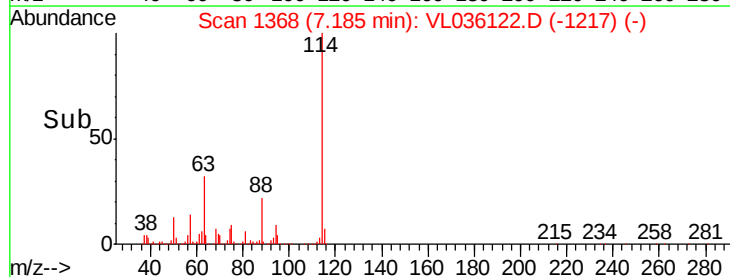
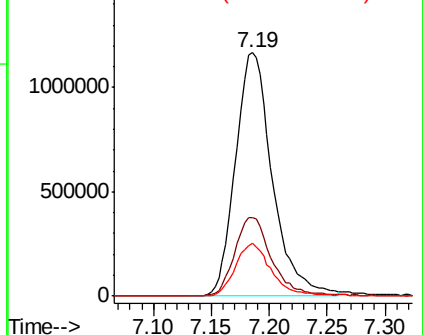


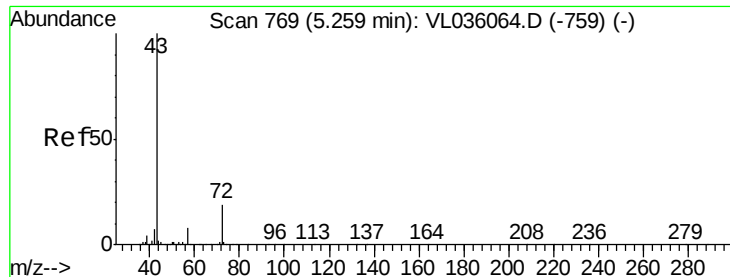
Abundance

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

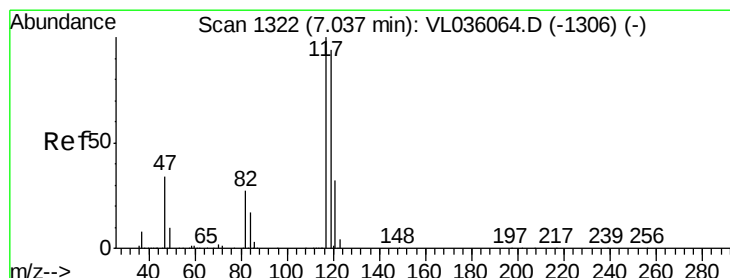
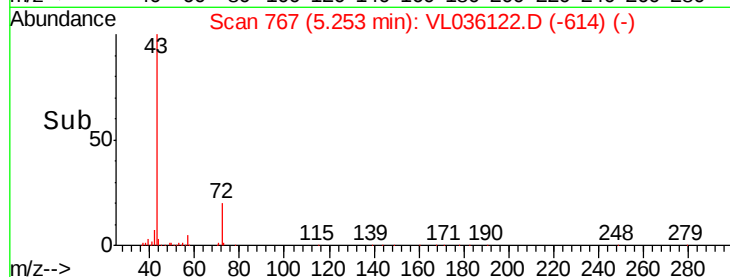
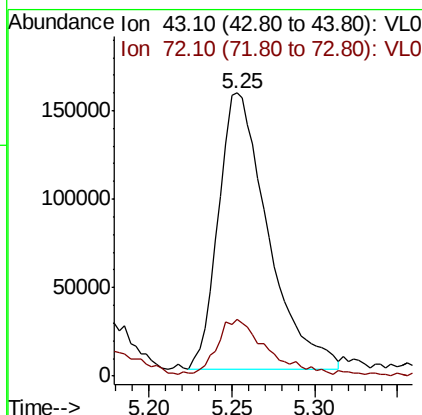
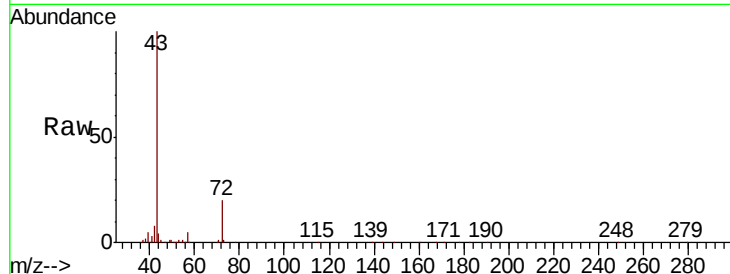




#34
2-Butanone
Concen: 1.899 ppbv
RT: 5.25 min Scan# 767
Delta R.T. -0.01 min
Lab File: VL036122.D
Acq: 9 Dec 2020 8:43

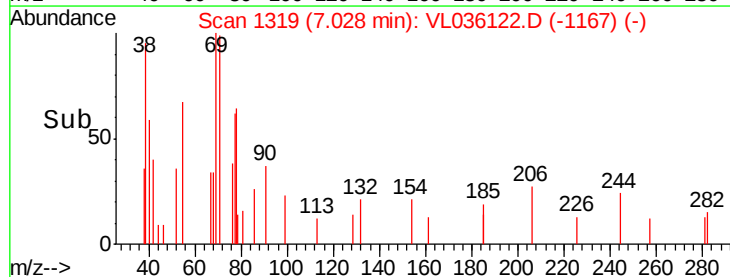
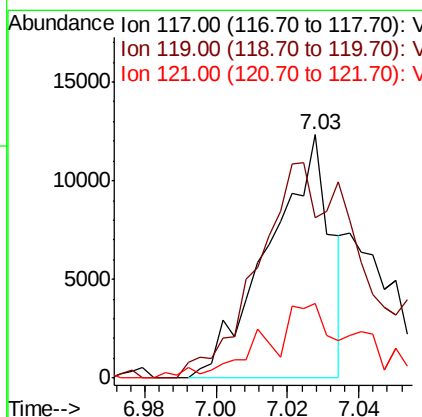
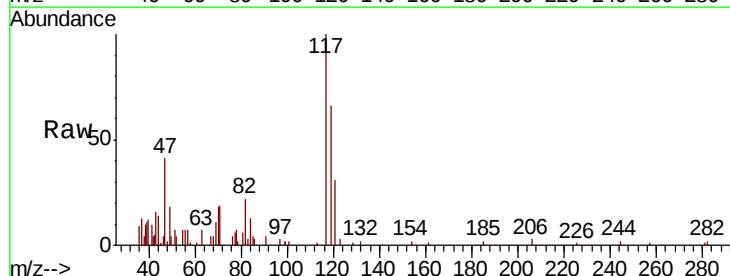
Instrument :
MSVOA_L
ClientSampleId :
SS-6B

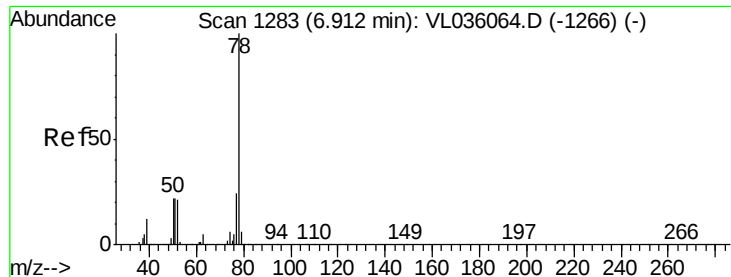
Tot Ion: 43 Resp: 324875
Ion Ratio Lower Upper
43 100
72 20.5 16.5 24.7



#35
Carbon Tetrachloride
Concen: 0.098 ppbv
RT: 7.03 min Scan# 1319
Delta R.T. -0.01 min
Lab File: VL036122.D
Acq: 9 Dec 2020 8:43

Tgt Ion: 117 Resp: 14704
Ion Ratio Lower Upper
117 100
119 59.6 75.1 112.7#
121 26.7 25.6 38.4





#36

Benzene

Concen: 3.100 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. -0.01 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Instrument :

MSVOA_L

ClientSampleId :

SS-6B

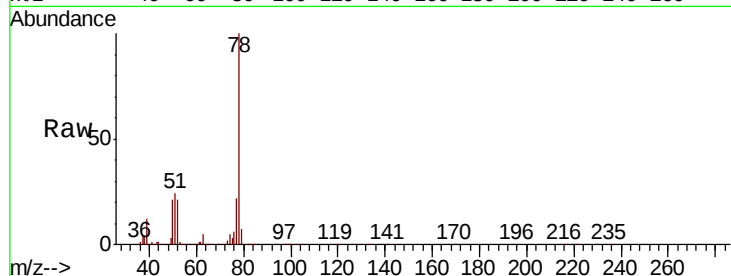
Tot Ion: 78 Resp: 677750

Ion Ratio Lower Upper

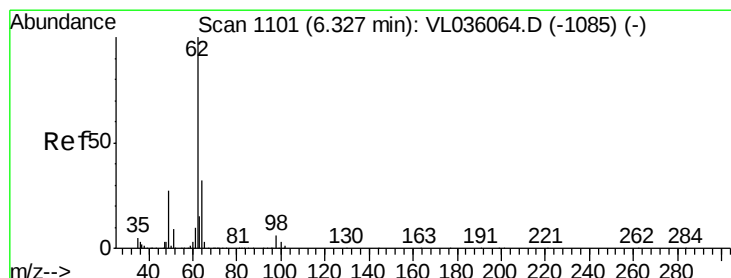
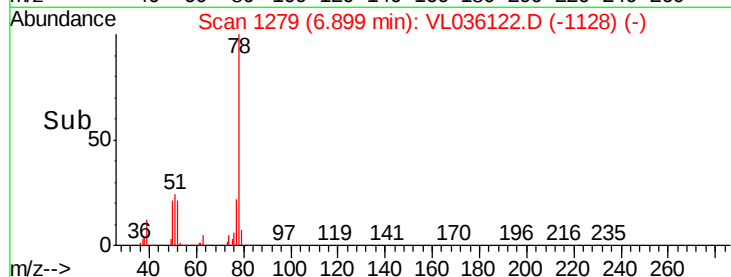
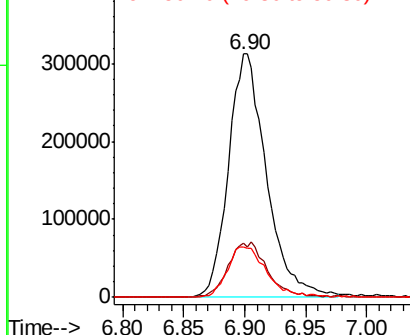
78 100

77 22.3 19.4 29.2

50 20.4 17.8 26.8



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0



#37

1,2-Dichloroethane

Concen: 7.118 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.19 min

Lab File: VL036122.D

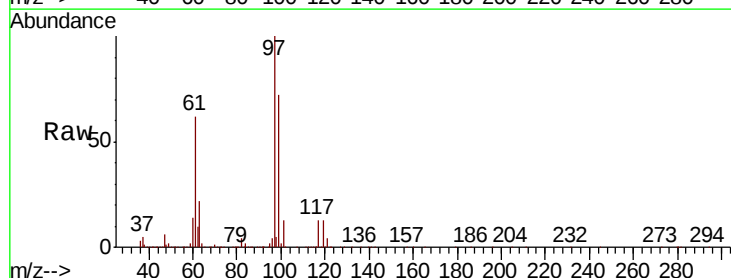
Acq: 9 Dec 2020 8:43

Tgt Ion: 62 Resp: 901691

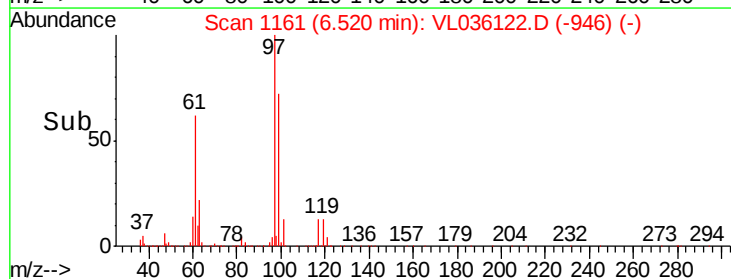
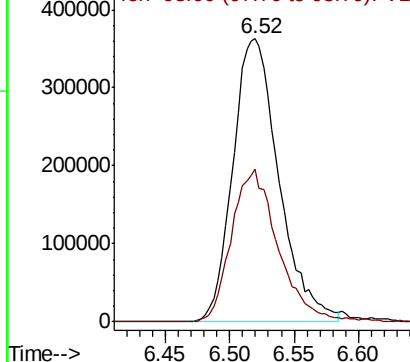
Ion Ratio Lower Upper

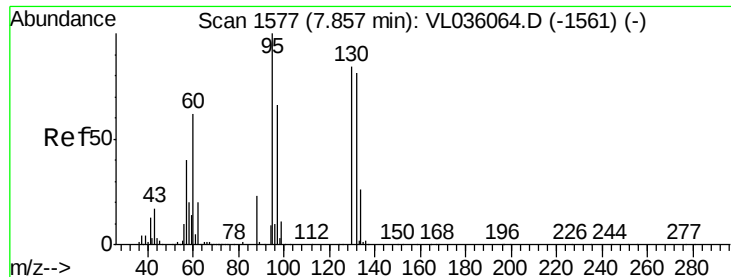
62 100

98 54.9 4.6 7.0#



Abundance Ion 62.10 (61.80 to 62.80): VL0
Ion 98.00 (97.70 to 98.70): VL0

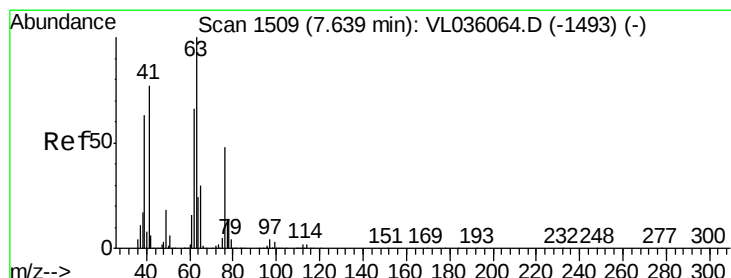
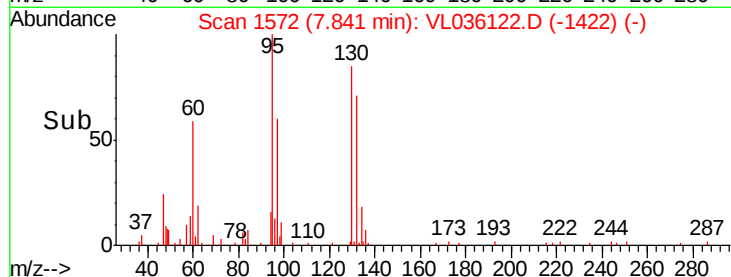
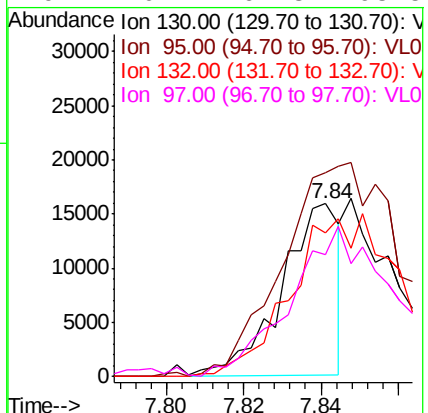
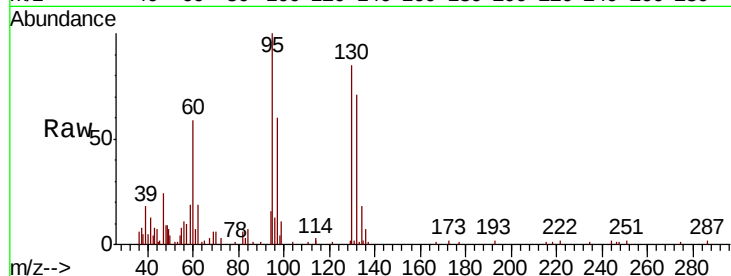




#38
 Trichloroethene
 Concen: 0.201 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: VL036122.D
 Acq: 9 Dec 2020 8:43

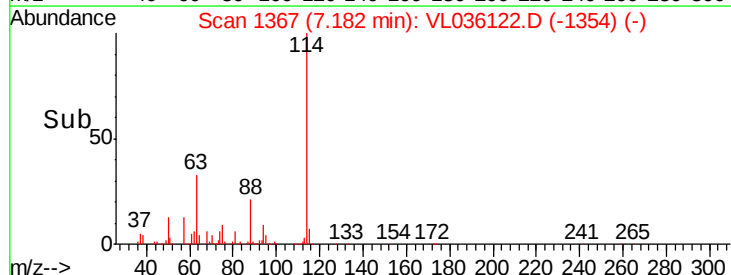
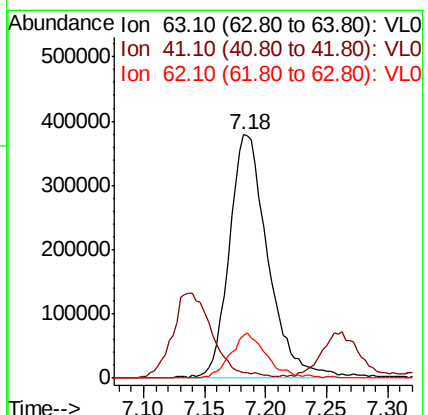
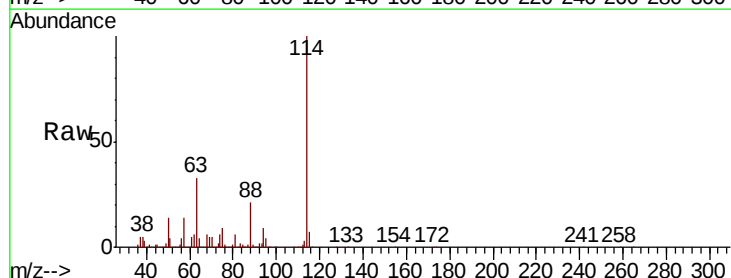
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-6B

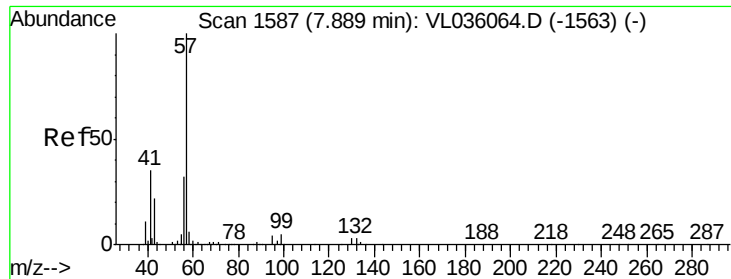
Tot Ion:130 Resp: 16461
 Ion Ratio Lower Upper
 130 100
 95 119.2 95.2 142.8
 132 84.4 76.9 115.3
 97 70.4 62.3 93.5



#39
 1,2-Dichloropropane
 Concen: 9.583 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.46 min
 Lab File: VL036122.D
 Acq: 9 Dec 2020 8:43

Tgt Ion: 63 Resp: 827277
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.9 92.9#
 62 17.3 52.5 78.7#





#44

2,2,4-Trimethylpentane

Concen: 0.121 ppbv

RT: 7.88 min Scan# 1584

Delta R.T. -0.01 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Instrument :

MSVOA_L

ClientSampleId :

SS-6B

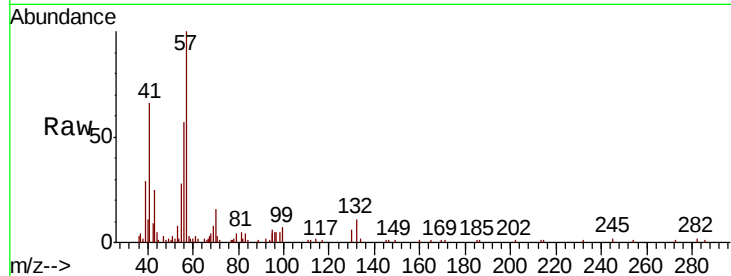
Tot Ion: 57 Resp: 47841

Ion Ratio Lower Upper

57 100

41 95.7 28.9 43.3#

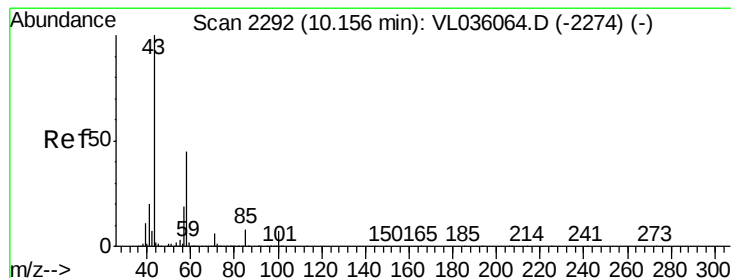
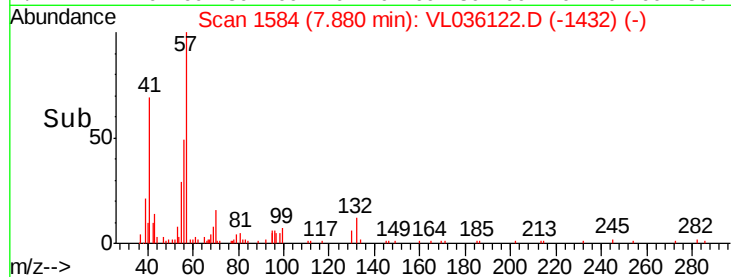
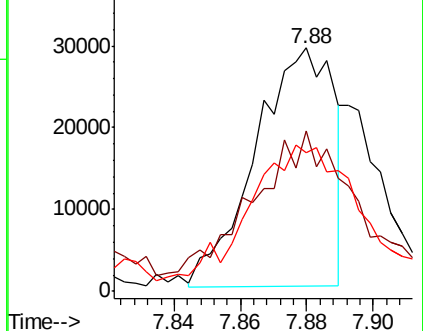
56 98.9 25.3 37.9#



Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#51

2-Hexanone

Concen: 0.034 ppbv

RT: 10.13 min Scan# 2284

Delta R.T. -0.03 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

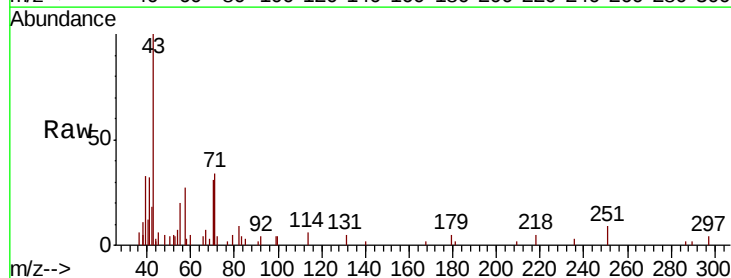
Tgt Ion: 43 Resp: 6759

Ion Ratio Lower Upper

43 100

58 0.0 38.7 58.1#

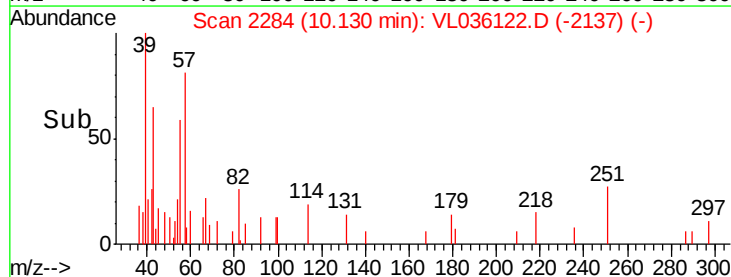
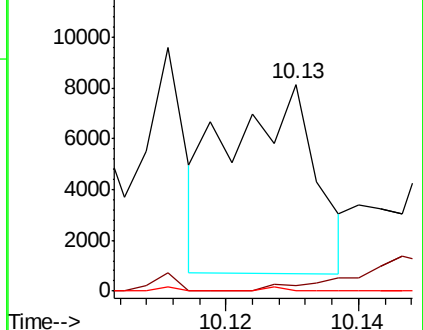
98 0.0 0.1 0.1#

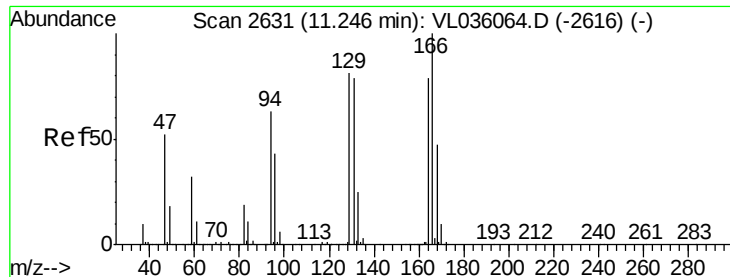


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0





#52

Tetrachloroethene

Concen: 1.974 ppbv

RT: 11.23 min Scan# 2627

Delta R.T. -0.01 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Instrument :

MSVOA_L

ClientSampleId :

SS-6B

Tot Ion:164 Resp: 156252

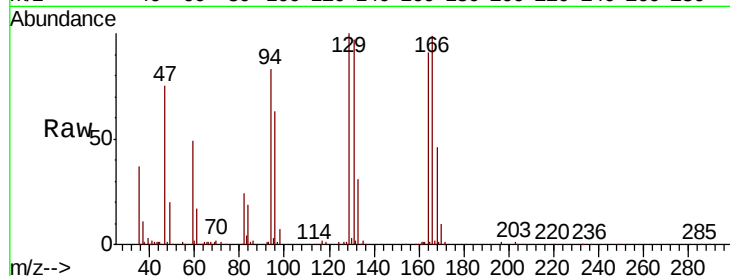
Ion Ratio Lower Upper

164 100

166 108.6 101.9 152.9

129 110.3 82.1 123.1

131 106.6 80.8 121.2

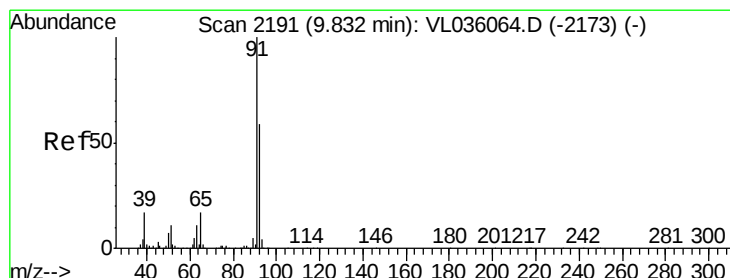
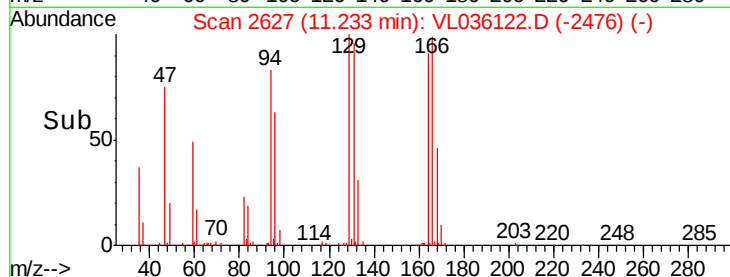
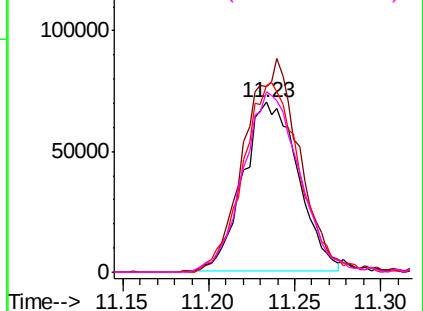


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.941 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: VL036122.D

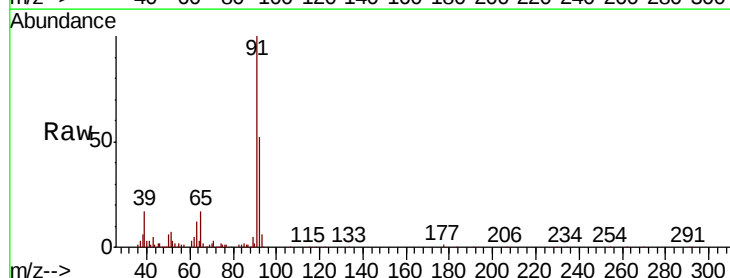
Acq: 9 Dec 2020 8:43

Tgt Ion: 91 Resp: 230970

Ion Ratio Lower Upper

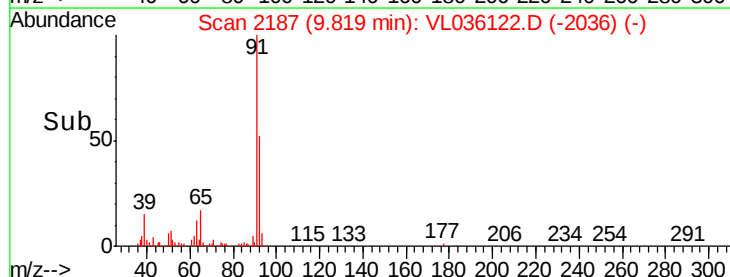
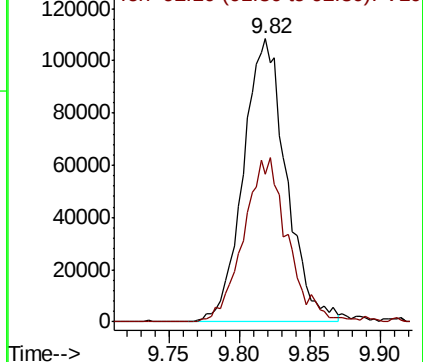
91 100

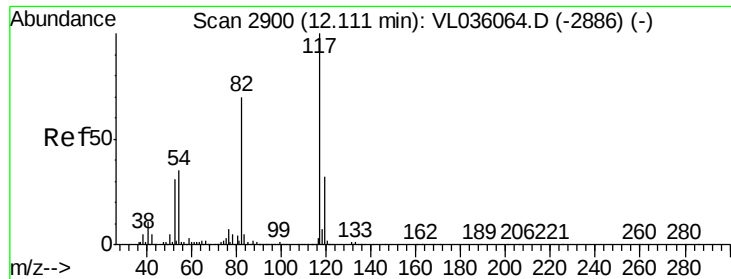
92 59.8 48.2 72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

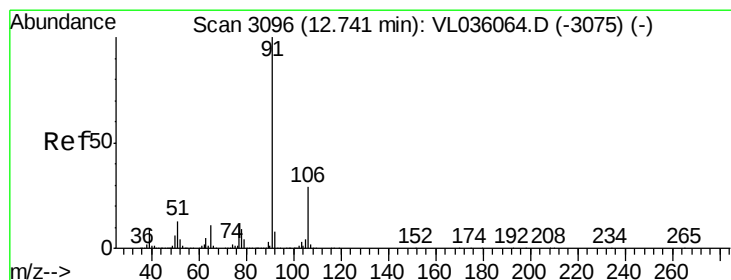
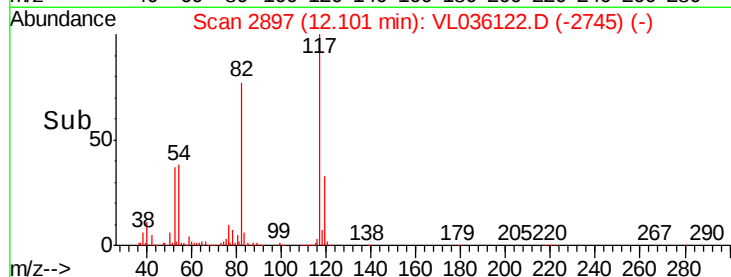
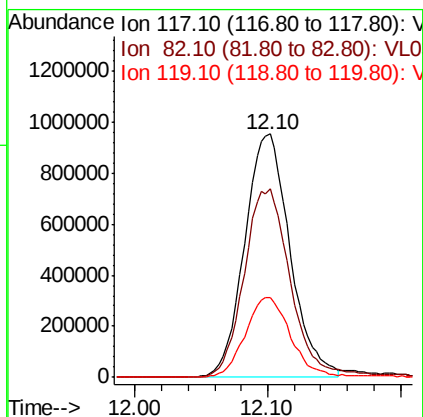
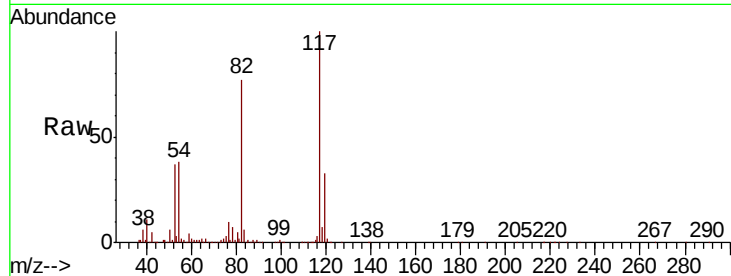




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL036122.D
Acq: 9 Dec 2020 8:43

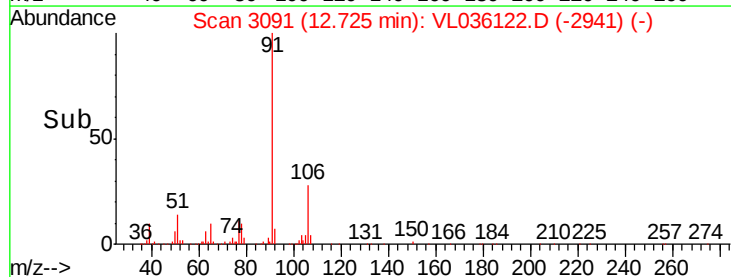
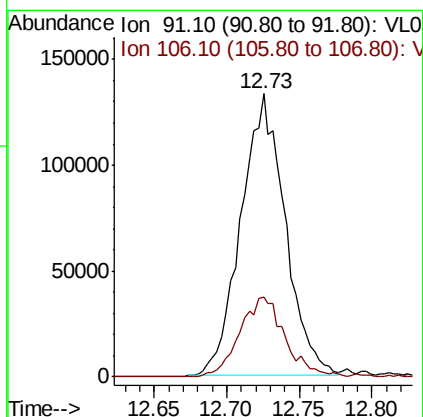
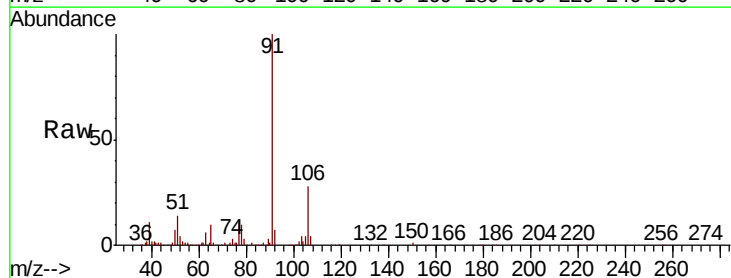
Instrument :
MSVOA_L
ClientSampleId :
SS-6B

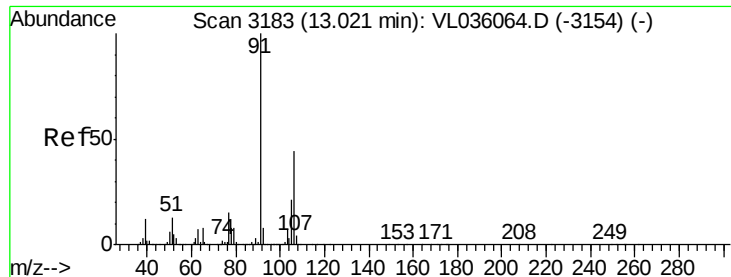
Tot Ion:117 Resp: 2270144
Ion Ratio Lower Upper
117 100
82 81.2 0.0 0.0#
119 33.4 0.0 0.0#



#58
Ethyl Benzene
Concen: 0.908 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. -0.02 min
Lab File: VL036122.D
Acq: 9 Dec 2020 8:43

Tgt Ion: 91 Resp: 282586
Ion Ratio Lower Upper
91 100
106 28.2 23.0 34.4

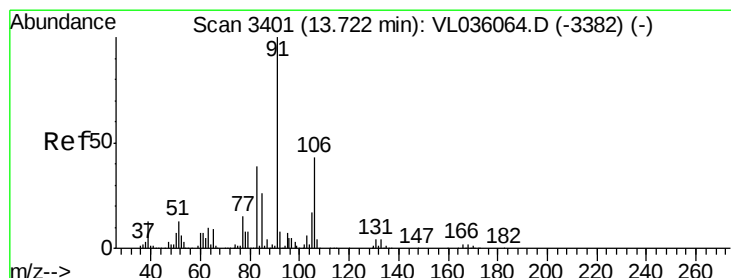
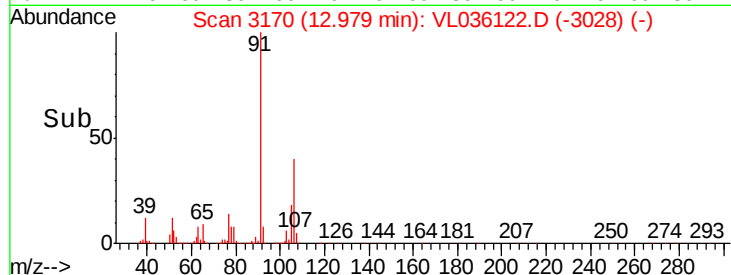
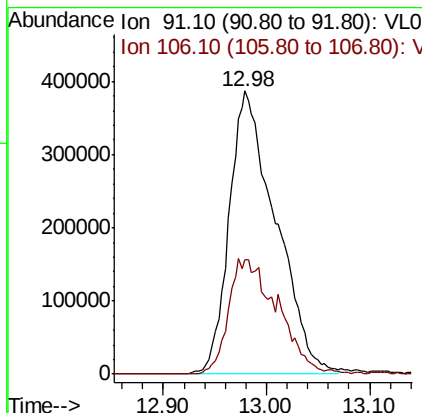
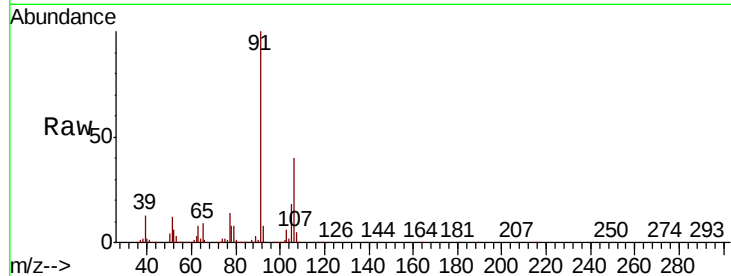




#59
m/p-Xylene
Concen: 4.583 ppbv
RT: 12.98 min Scan# 3170
Delta R.T. -0.04 min
Lab File: VL036122.D
Acq: 9 Dec 2020 8:43

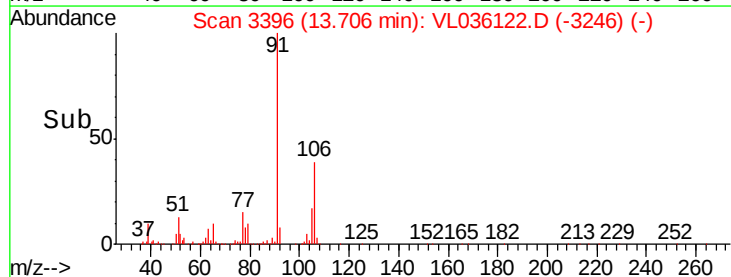
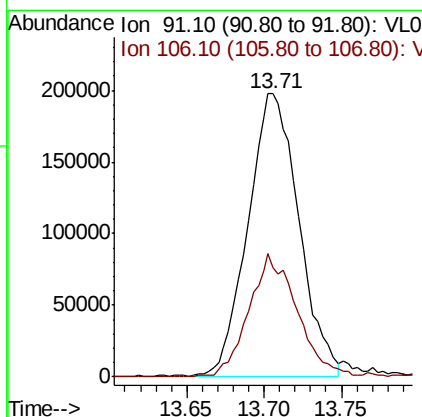
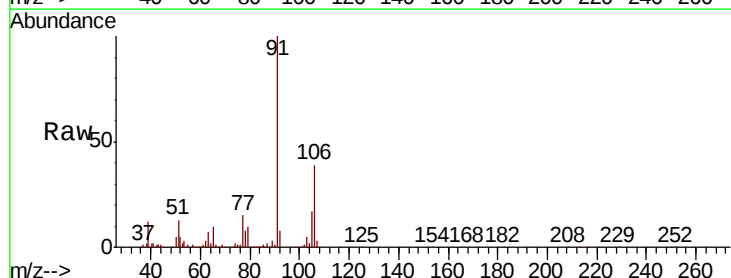
Instrument :
MSVOA_L
ClientSampleId :
SS-6B

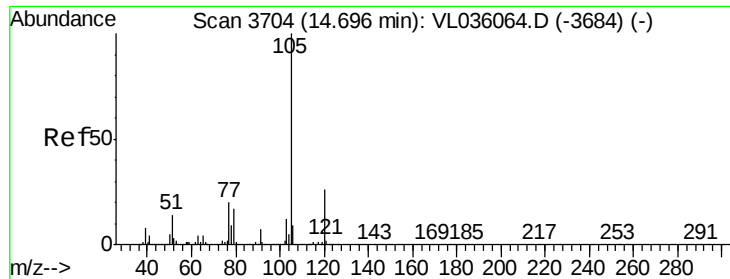
Tot Ion: 91 Resp: 1200861
Ion Ratio Lower Upper
91 100
106 43.4 33.6 50.4



#60
o-Xylene
Concen: 1.823 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.02 min
Lab File: VL036122.D
Acq: 9 Dec 2020 8:43

Tgt Ion: 91 Resp: 449977
Ion Ratio Lower Upper
91 100
106 41.9 21.6 64.6





#62

Isopropylbenzene

Concen: 0.083 ppbv

RT: 14.68 min Scan# 3700

Delta R.T. -0.01 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Instrument :

MSVOA_L

ClientSampleId :

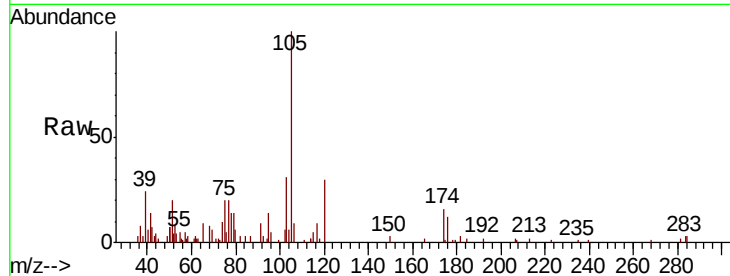
SS-6B

Tot Ion: 105 Resp: 30458

Ion Ratio Lower Upper

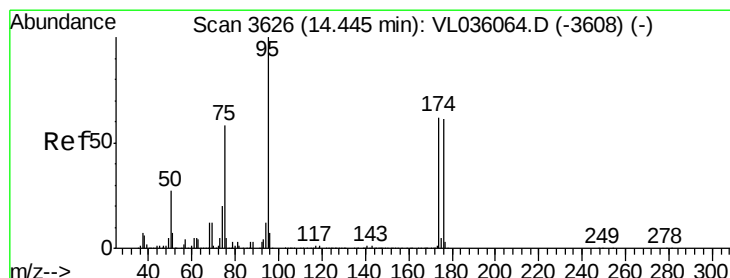
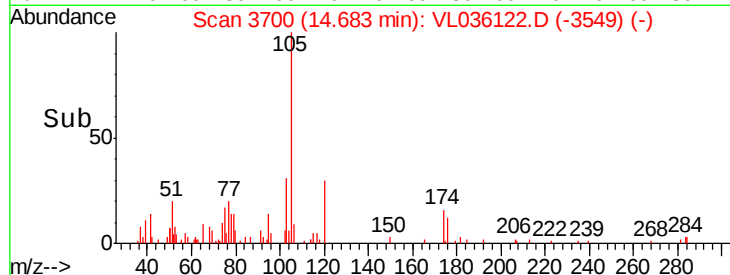
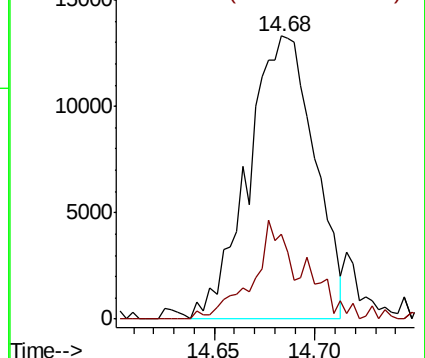
105 100

120 27.1 20.1 30.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 11.262 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. -0.02 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

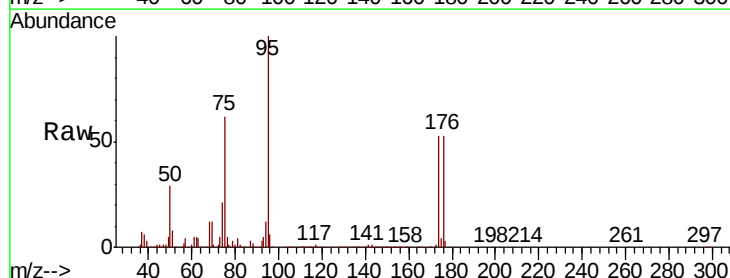
Tgt Ion: 95 Resp: 2030116

Ion Ratio Lower Upper

95 100

174 55.4 50.7 76.1

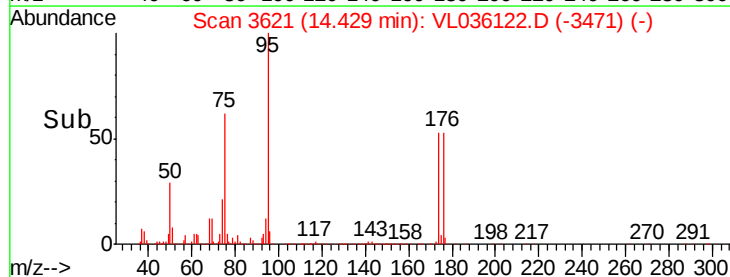
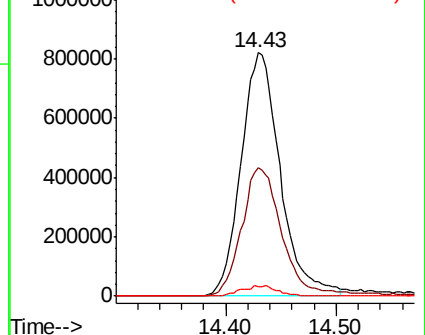
175 4.1 4.0 6.0

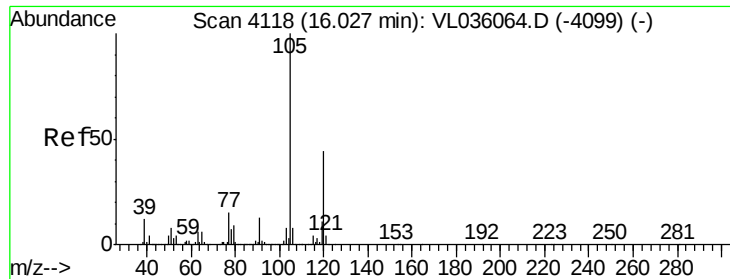


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#73

1,3,5-Trimethylbenzene

Concen: 0.033 ppbv

RT: 16.01 min Scan# 4113

Delta R.T. -0.02 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Instrument :

MSVOA_L

ClientSampled :

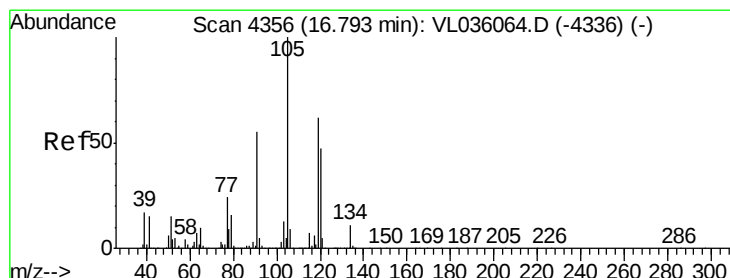
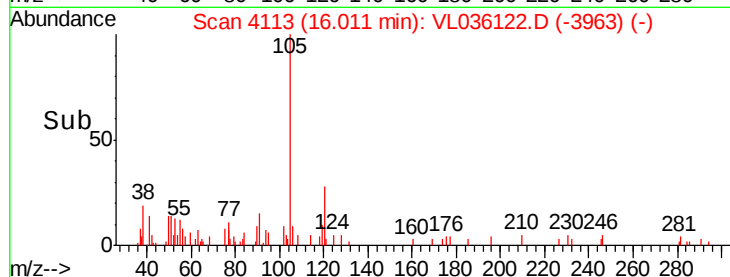
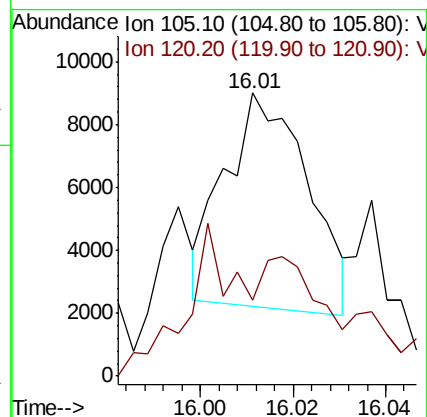
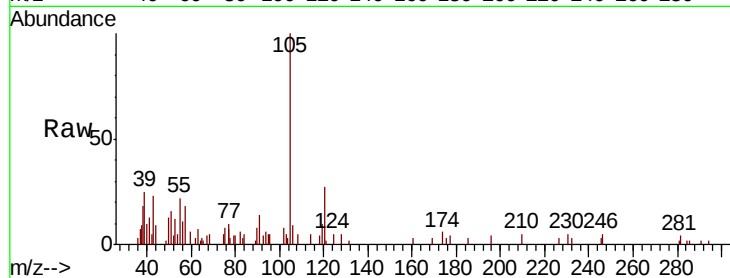
SS-6B

Tot Ion:105 Resp: 8477

Ion Ratio Lower Upper

105 100

120 18.2 35.4 53.2#



#74

1,2,4-Trimethylbenzene

Concen: 0.138 ppbv

RT: 16.78 min Scan# 4351

Delta R.T. -0.02 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Tgt Ion:105 Resp: 35505

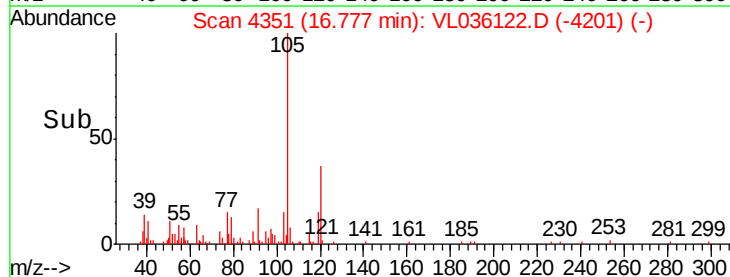
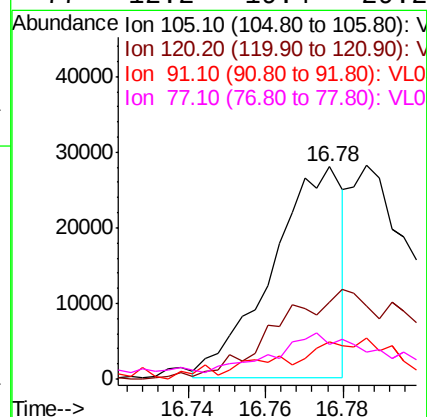
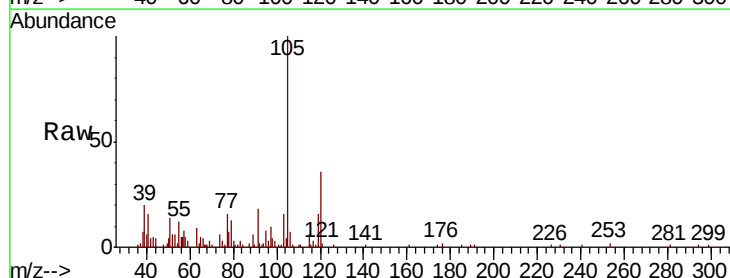
Ion Ratio Lower Upper

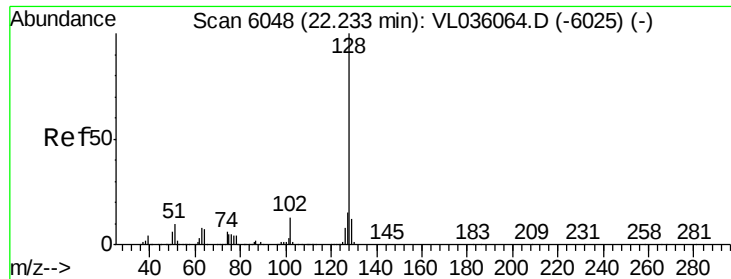
105 100

120 36.4 37.4 56.0#

91 15.6 45.6 68.4#

77 12.2 19.4 29.2#





#79

Naphthalene

Concen: 0.052 ppbv

RT: 22.22 min Scan# 6043

Delta R.T. -0.02 min

Lab File: VL036122.D

Acq: 9 Dec 2020 8:43

Instrument :

MSVOA_L

ClientSampleId :

SS-6B

Tot Ion:128 Resp: 6732

Ion Ratio Lower Upper

128 100

127 0.0 11.7 17.5#

129 9.2 9.3 13.9#

