

Data File : VL034832.D
Acq On : 7 Mar 2020 2:17
Operator : SY/AP
Sample : L1698-07DL2 300X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL2

Quant Time: Mar 07 03:22:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	924863	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.18	114	2063165	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.11	117	2039576	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1608083	9.46	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.60%

Target Compounds

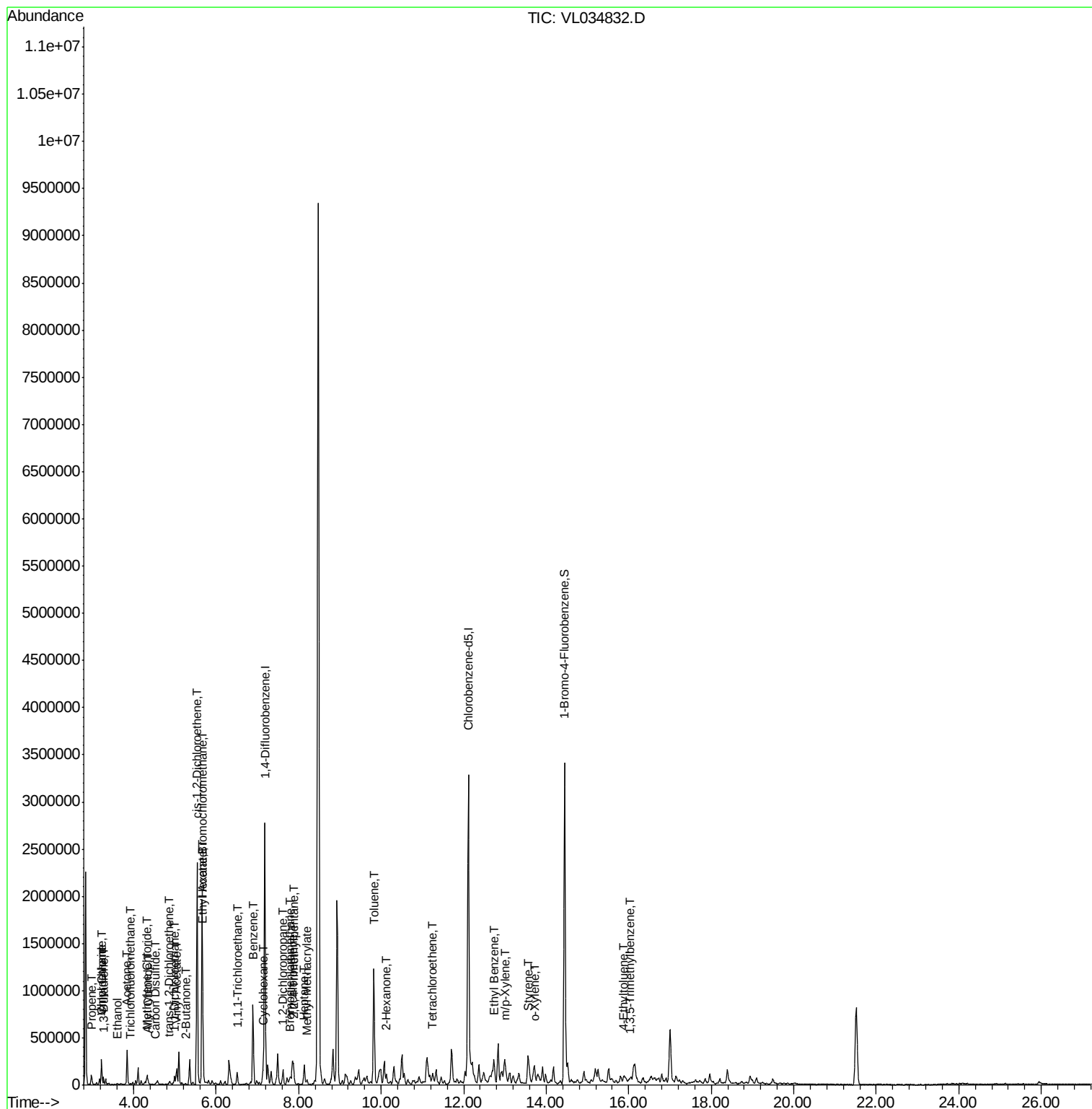
						Qvalue
5) Vinyl Chloride	3.22	62	226728	3.782	ppbv	98
7) Chloroethane	3.22	64	69435	3.349	ppbv #	44
9) Propene	2.98	41	43600	1.051	ppbv	85
10) Heptane	8.13	43	93239	0.885	ppbv #	27
11) Trichlorofluoromethane	3.92	101	4128	0.031	ppbv	100
13) Ethanol	3.59	45	3512	0.247	ppbv #	1
15) Acetone	3.84	43	228900	2.067	ppbv #	86
16) 1,3-Butadiene	3.27	39	20357	0.406	ppbv #	21
20) Methylene Chloride	4.32	84	32246	0.816	ppbv #	83
21) Allyl Chloride	4.35	41	2684	0.038	ppbv #	1
22) trans-1,2-Dichloroethene	4.87	96	5735	0.143	ppbv #	72
23) Vinyl Acetate	5.03	43	63759	0.429	ppbv #	1
24) 1,1-Dichloroethane	4.99	63	65864	0.571	ppbv	97
25) Ethyl Acetate	5.68	43	72481	0.379	ppbv #	77
26) Hexane	5.68	57	107394	1.284	ppbv #	42
27) Carbon Disulfide	4.53	76	2994	0.031	ppbv #	62
30) Cyclohexane	7.13	84	8184	0.128	ppbv #	1
31) cis-1,2-Dichloroethene	5.54	61	1340421	15.631	ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	72515	0.521	ppbv	98
34) 2-Butanone	5.26	43	10121	0.075	ppbv #	67
36) Benzene	6.89	78	672445	3.814	ppbv	97
38) Trichloroethene	7.84	130	67803	0.987	ppbv	86
39) 1,2-Dichloropropane	7.62	63	45204	0.635	ppbv #	80
42) Bromodichloromethane	7.80	83	5878	0.039	ppbv #	25
43) Methyl Methacrylate	8.20	69	7652	0.102	ppbv #	1
44) 2,2,4-Trimethylpentane	7.88	57	112554	0.365	ppbv #	50
51) 2-Hexanone	10.13	43	11005	0.073	ppbv #	29
52) Tetrachloroethene	11.24	164	11480	0.176	ppbv	92
53) Toluene	9.82	91	931599	4.993	ppbv	99
58) Ethyl Benzene	12.73	91	197326	0.785	ppbv	99
59) m/p-Xylene	13.02	91	42955	0.197	ppbv #	31
60) o-Xylene	13.72	91	46018	0.209	ppbv #	13
61) Styrene	13.55	104	74812	0.548	ppbv	96
72) 4-Ethyltoluene	15.87	105	9940	0.041	ppbv #	35
73) 1,3,5-Trimethylbenzene	16.02	105	9433	0.040	ppbv #	73

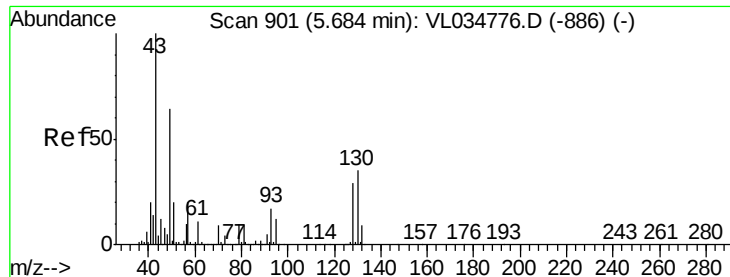
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.03 min

Lab File: VL034832.D

Acq: 7 Mar 2020 2:17

Instrument :

MSVOA_L

ClientSampleId :

SS-1-4DL2

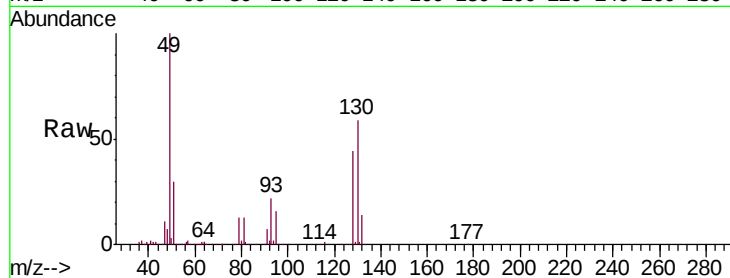
Tgt Ion: 49 Resp: 924863

Ion Ratio Lower Upper

49 100

128 46.3 21.6 64.6

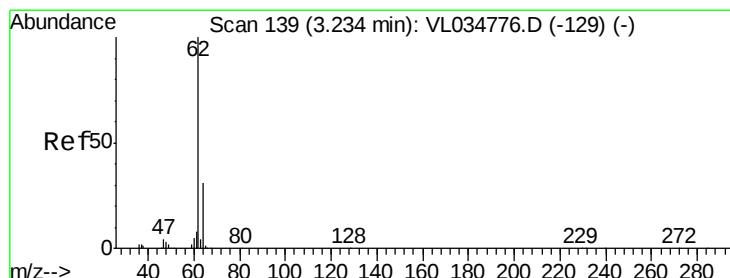
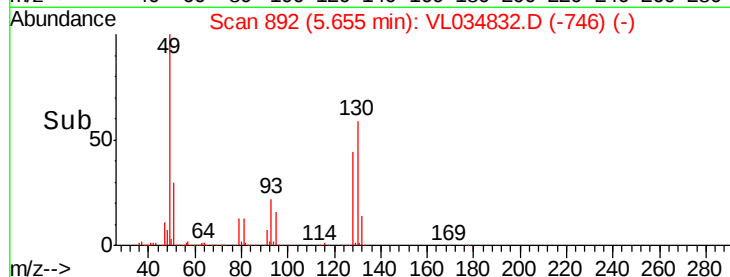
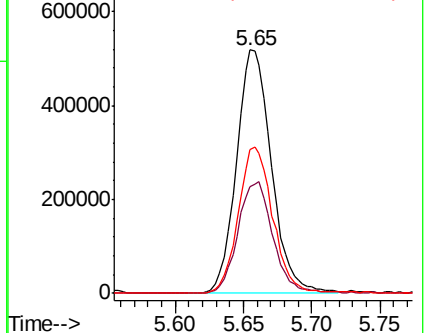
130 60.0 27.4 82.2



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



#5

Vinyl Chloride

Concen: 3.782 ppbv

RT: 3.22 min Scan# 136

Delta R.T. -0.01 min

Lab File: VL034832.D

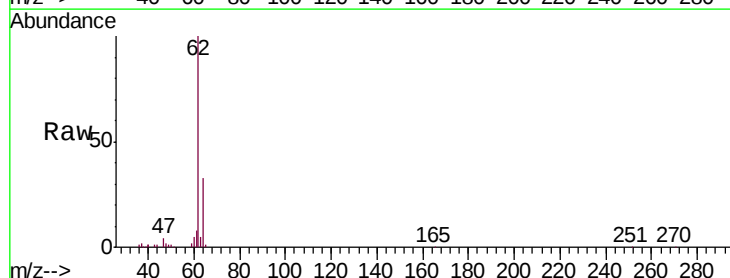
Acq: 7 Mar 2020 2:17

Tgt Ion: 62 Resp: 226728

Ion Ratio Lower Upper

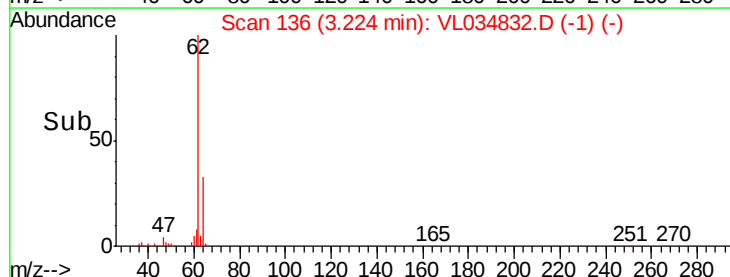
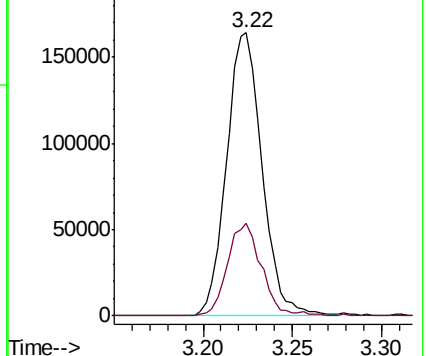
62 100

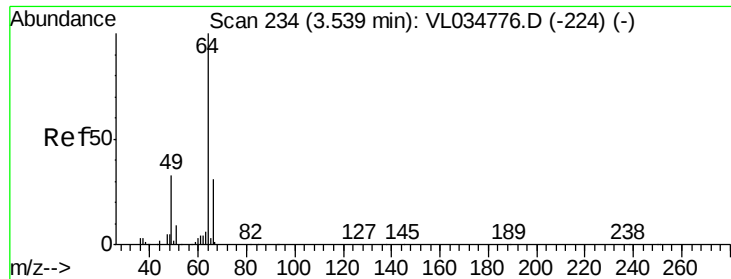
64 32.6 25.1 37.7



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0





#7

Chloroethane

Concen: 3.349 ppbv

RT: 3.22 min Scan# 136

Delta R.T. -0.32 min

Lab File: VL034832.D

Acq: 7 Mar 2020 2:17

Instrument :

MSVOA_L

ClientSampleId :

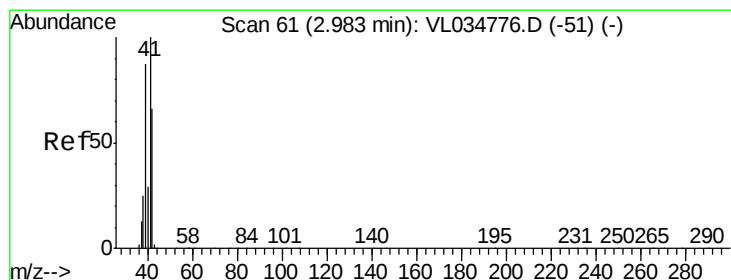
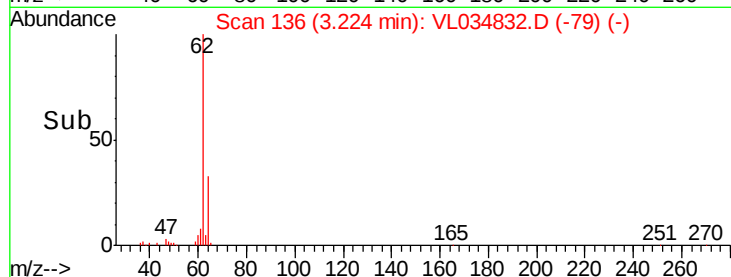
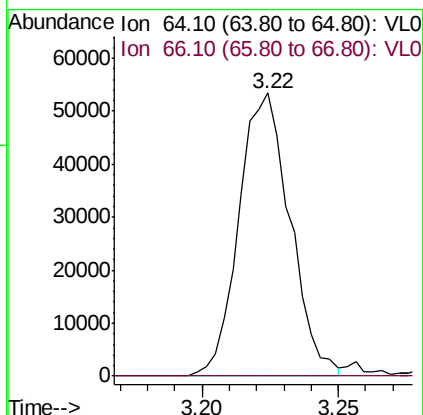
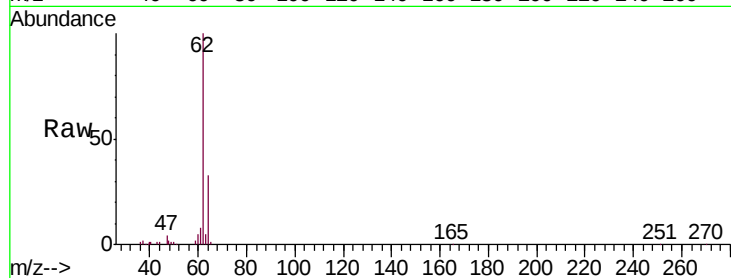
SS-1-4DL2

Tgt Ion: 64 Resp: 69435

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#



#9

Propene

Concen: 1.051 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.01 min

Lab File: VL034832.D

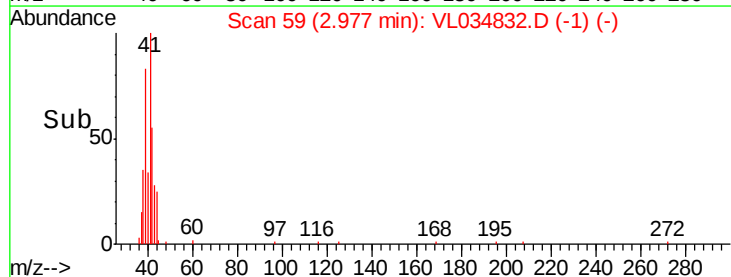
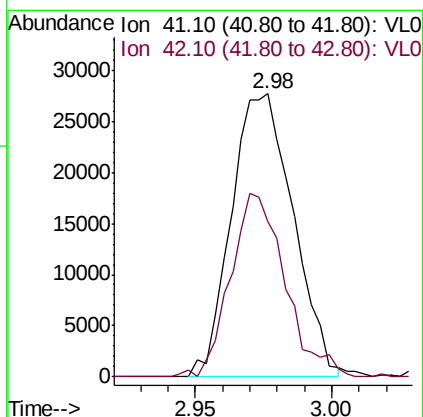
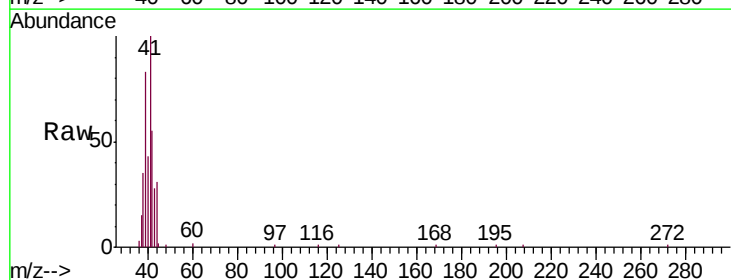
Acq: 7 Mar 2020 2:17

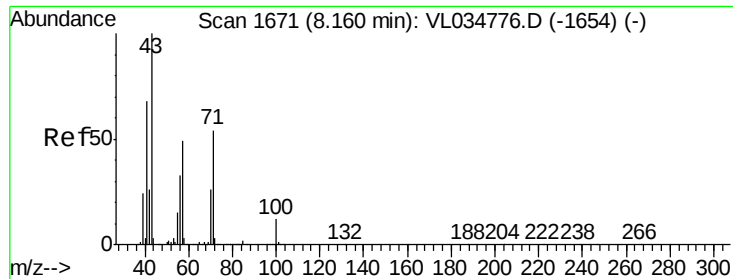
Tgt Ion: 41 Resp: 43600

Ion Ratio Lower Upper

41 100

42 57.2 55.6 83.4

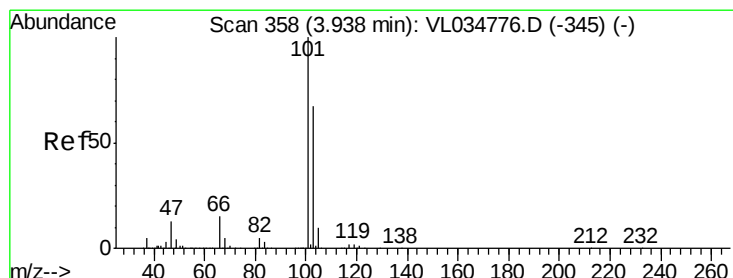
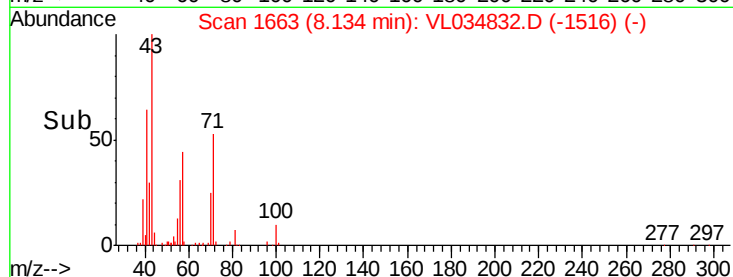
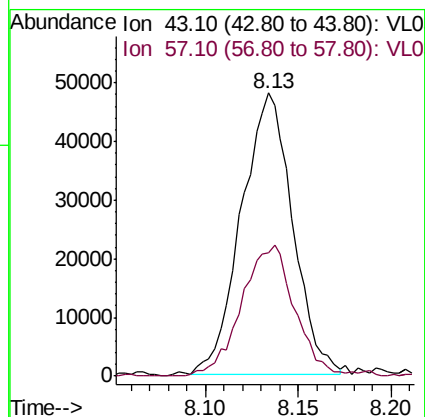
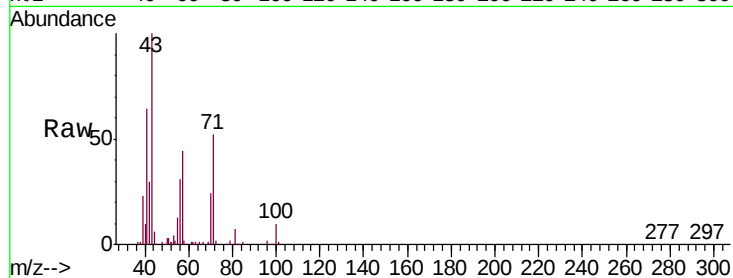




#10
Heptane
Concen: 0.885 ppbv
RT: 8.13 min Scan# 1663
Delta R.T. -0.03 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

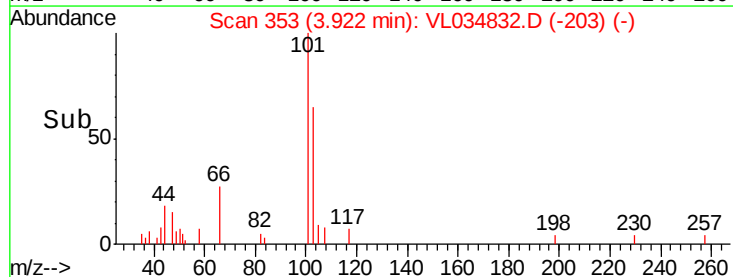
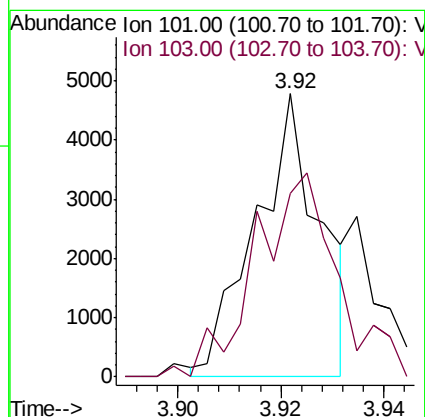
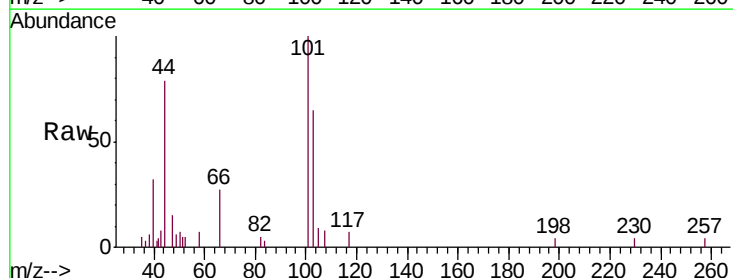
Instrument :
MSVOA_L
ClientSampled :
SS-1-4DL2

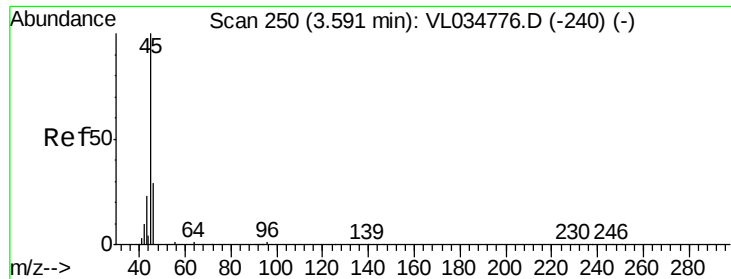
Tgt Ion: 43 Resp: 93239
Ion Ratio Lower Upper
43 100
57 0.0 40.5 60.7#



#11
Trichlorofluoromethane
Concen: 0.031 ppbv
RT: 3.92 min Scan# 353
Delta R.T. -0.02 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

Tgt Ion: 101 Resp: 4128
Ion Ratio Lower Upper
101 100
103 67.2 53.6 80.4

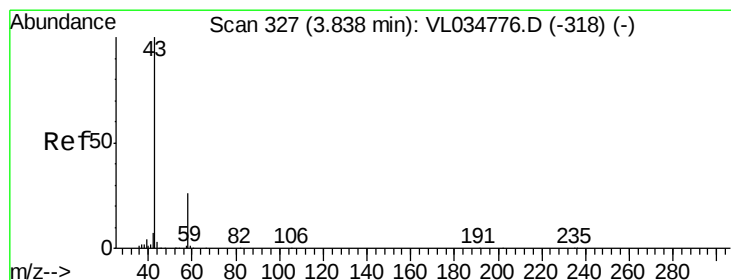
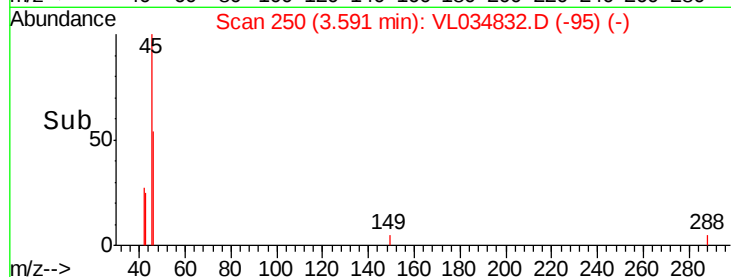
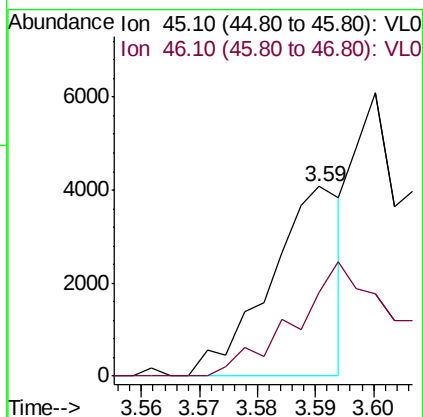
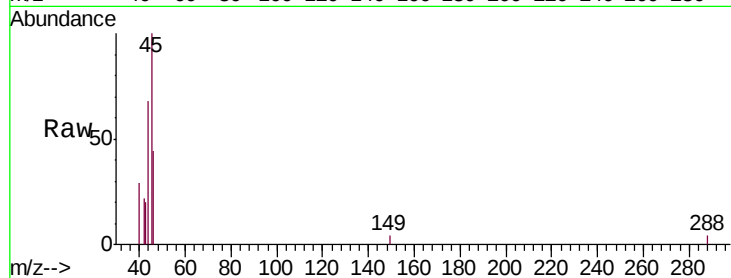




#13
Ethanol
Concen: 0.247 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.00 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

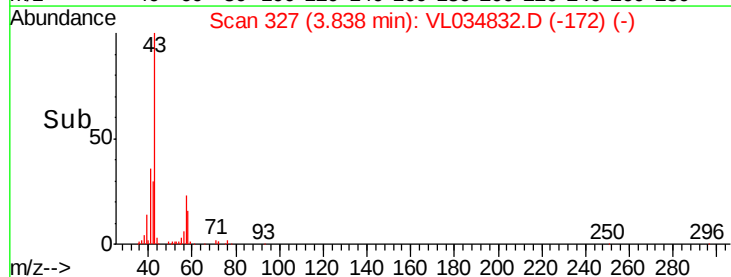
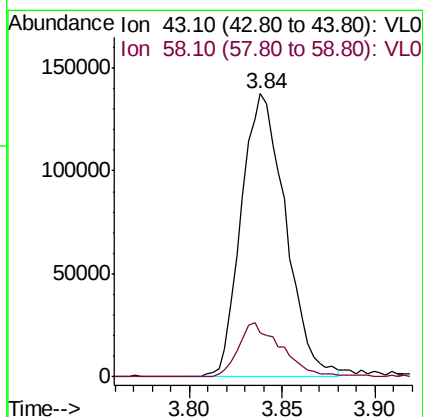
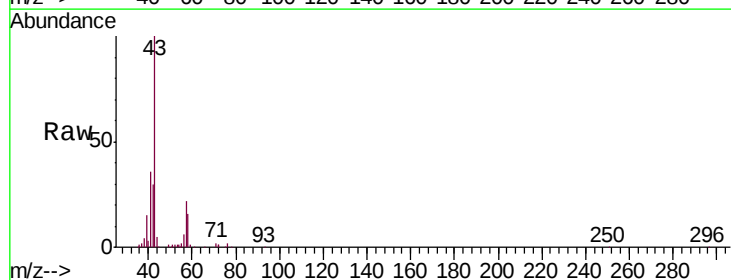
Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL2

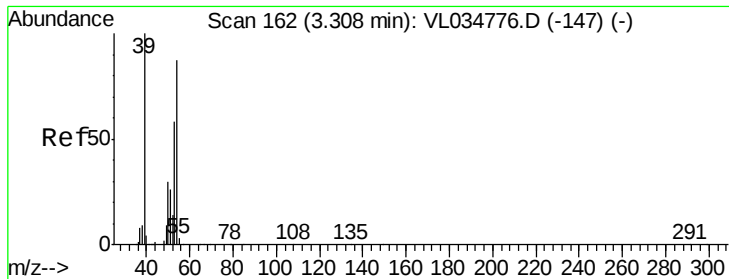
Tgt Ion: 45 Resp: 3512
Ion Ratio Lower Upper
45 100
46 113.3 14.7 58.9#



#15
Acetone
Concen: 2.067 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.00 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

Tgt Ion: 43 Resp: 228900
Ion Ratio Lower Upper
43 100
58 19.2 21.0 31.6#

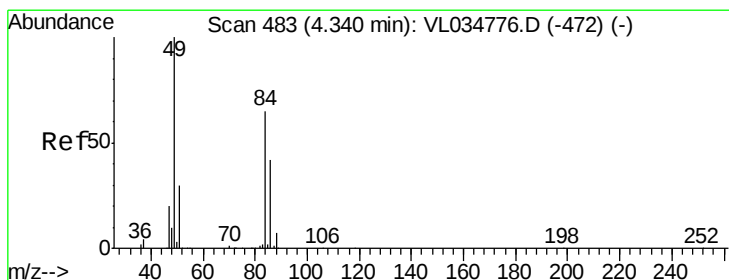
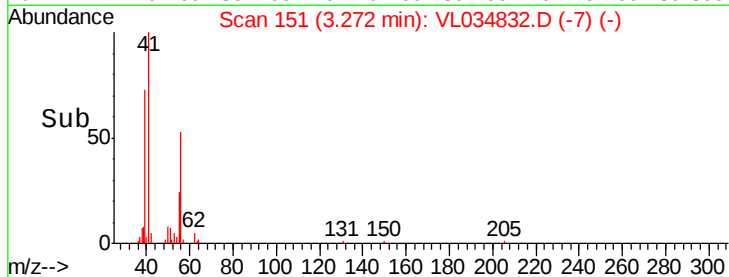
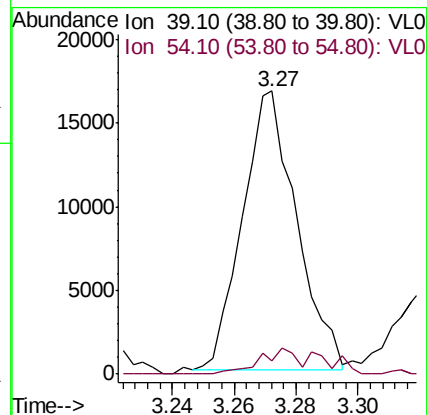
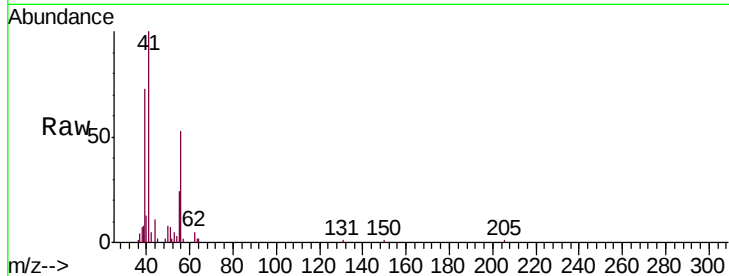




#16
 1,3-Butadiene
 Concen: 0.406 ppbv
 RT: 3.27 min Scan# 151
 Delta R.T. -0.04 min
 Lab File: VL034832.D
 Acq: 7 Mar 2020 2:17

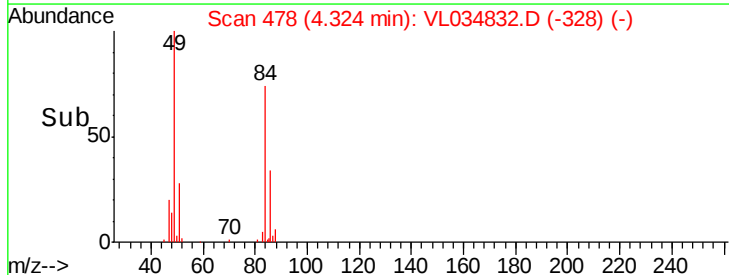
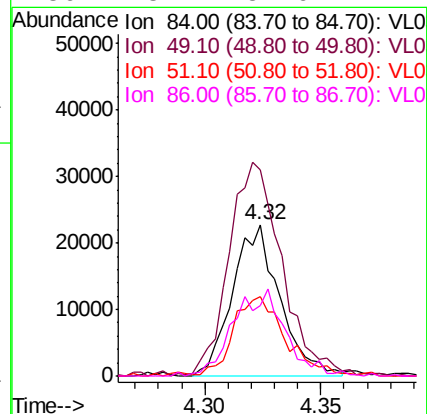
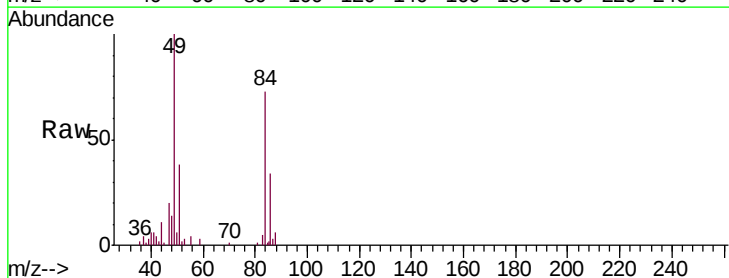
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1-4DL2

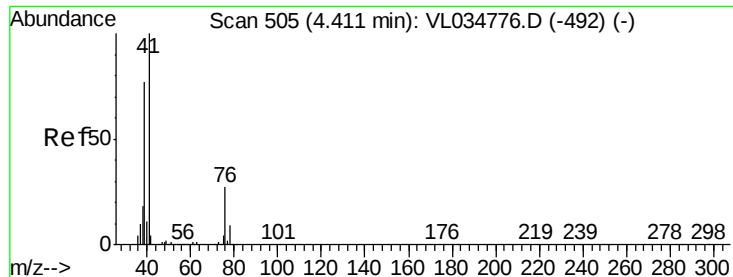
Tgt Ion: 39 Resp: 20357
 Ion Ratio Lower Upper
 39 100
 54 10.7 64.2 96.2#



#20
 Methylene Chloride
 Concen: 0.816 ppbv
 RT: 4.32 min Scan# 478
 Delta R.T. -0.02 min
 Lab File: VL034832.D
 Acq: 7 Mar 2020 2:17

Tgt Ion: 84 Resp: 32246
 Ion Ratio Lower Upper
 84 100
 49 132.1 123.2 184.8
 51 50.2 37.4 56.2
 86 43.4 51.6 77.4#





#21

Allyl Chloride

Concen: 0.038 ppbv

RT: 4.35 min Scan# 486

Delta R.T. -0.06 min

Lab File: VL034832.D

Acq: 7 Mar 2020 2:17

Instrument :

MSVOA_L

ClientSampleId :

SS-1-4DL2

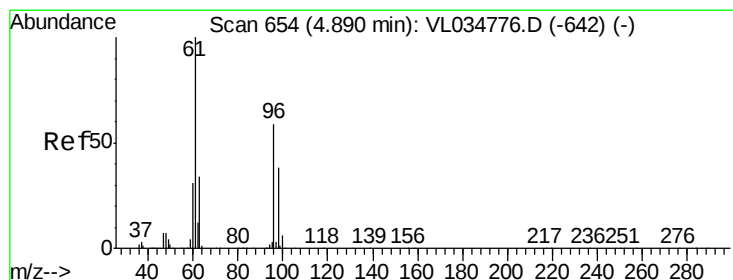
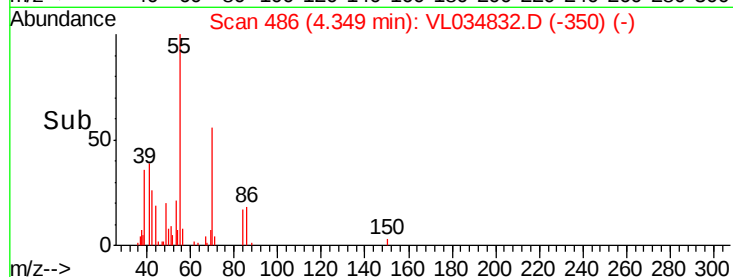
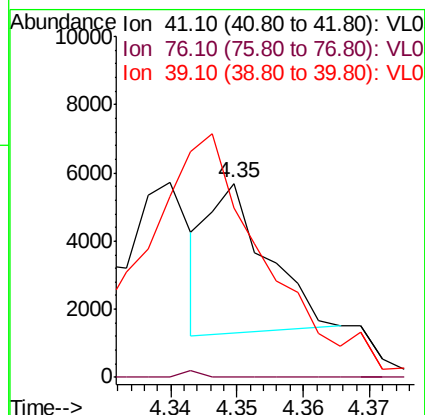
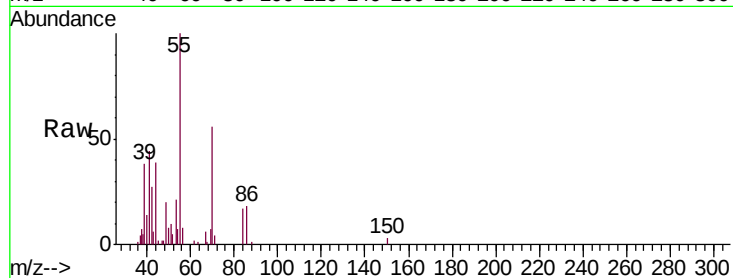
Tgt Ion: 41 Resp: 2684

Ion Ratio Lower Upper

41 100

76 0.0 22.5 33.7#

39 386.7 65.0 97.6#



#22

trans-1,2-Dichloroethene

Concen: 0.143 ppbv

RT: 4.87 min Scan# 648

Delta R.T. -0.02 min

Lab File: VL034832.D

Acq: 7 Mar 2020 2:17

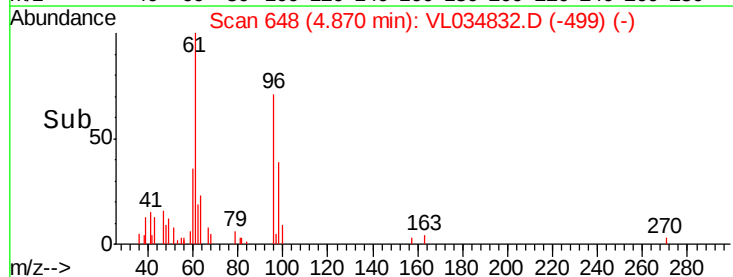
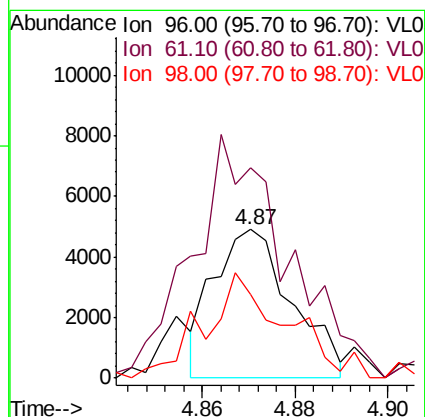
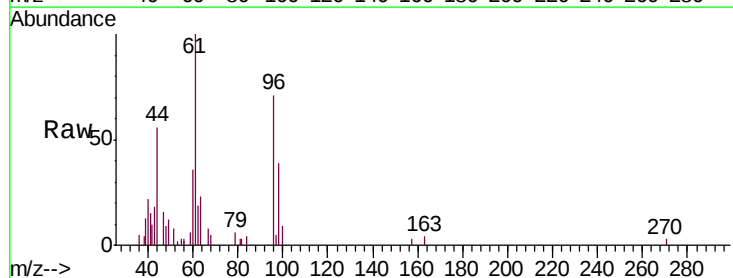
Tgt Ion: 96 Resp: 5735

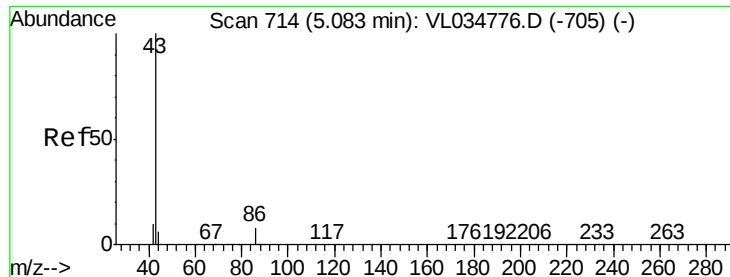
Ion Ratio Lower Upper

96 100

61 119.8 135.2 202.8#

98 57.3 50.8 76.2





#23

Vinyl Acetate

Concen: 0.429 ppbv

RT: 5.03 min Scan# 699

Delta R.T. -0.05 min

Lab File: VL034832.D

Acq: 7 Mar 2020 2:17

Instrument :

MSVOA_L

ClientSampleId :

SS-1-4DL2

Tgt Ion: 43 Resp: 63759

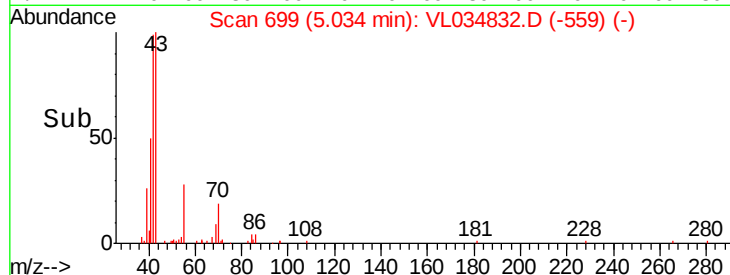
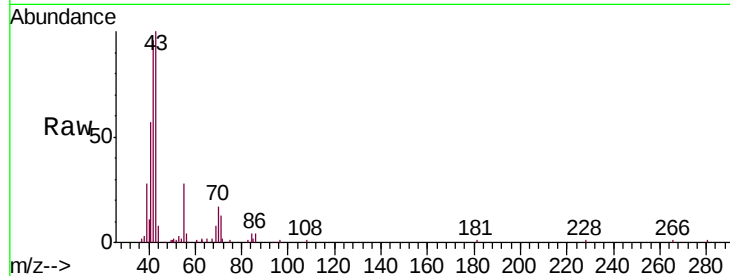
Ion Ratio Lower Upper

43 100

86 4.2 5.9 8.9#

42 101.0 8.2 12.2#

44 3.9 4.5 6.7#

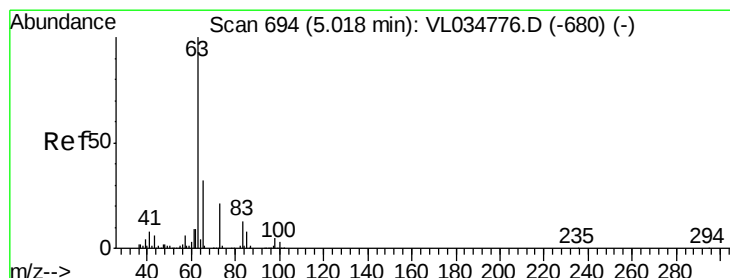
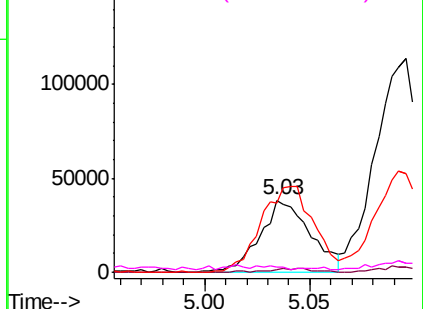


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 0.571 ppbv

RT: 4.99 min Scan# 686

Delta R.T. -0.03 min

Lab File: VL034832.D

Acq: 7 Mar 2020 2:17

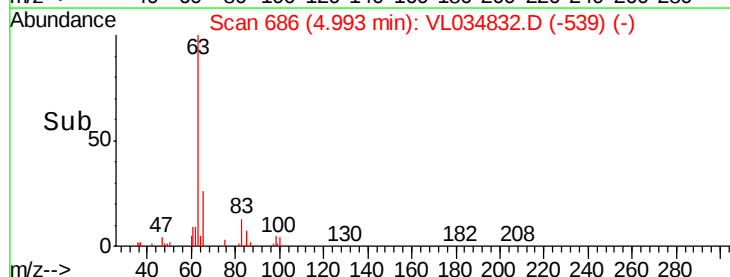
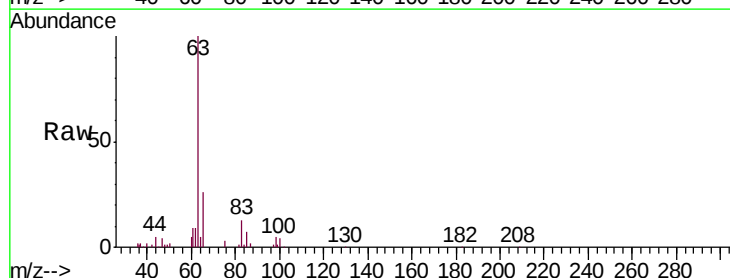
Tgt Ion: 63 Resp: 65864

Ion Ratio Lower Upper

63 100

98 5.4 2.3 6.8

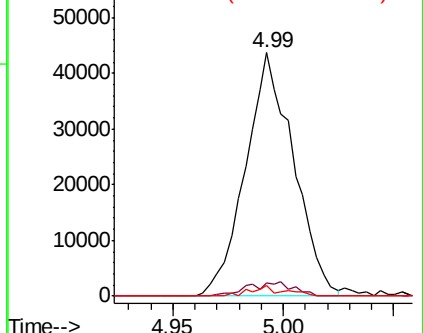
100 4.3 1.5 4.4

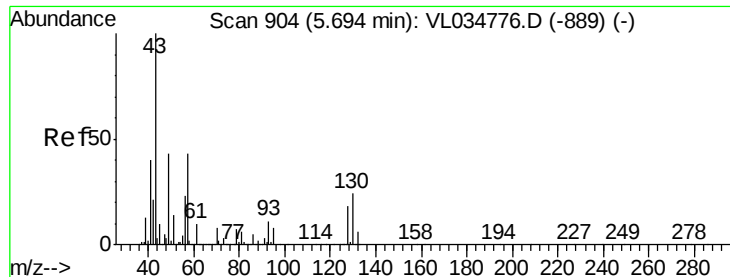


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

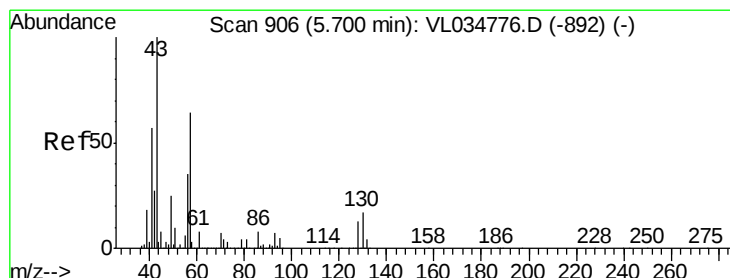
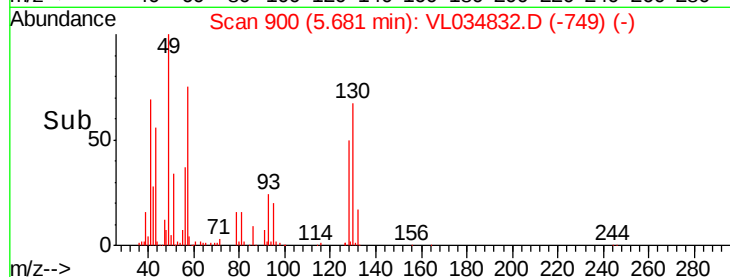
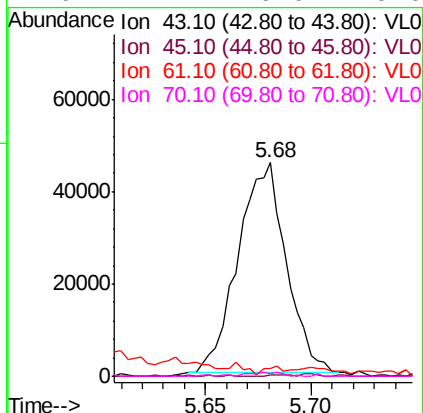
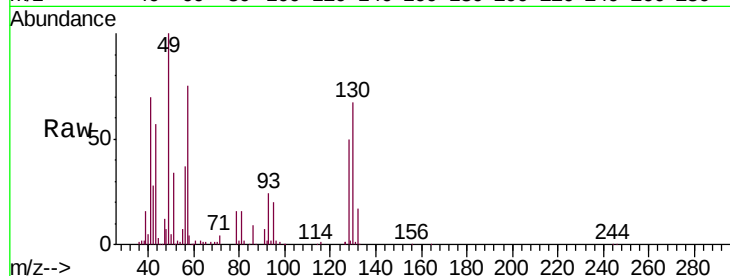




#25
Ethyl Acetate
Concen: 0.379 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

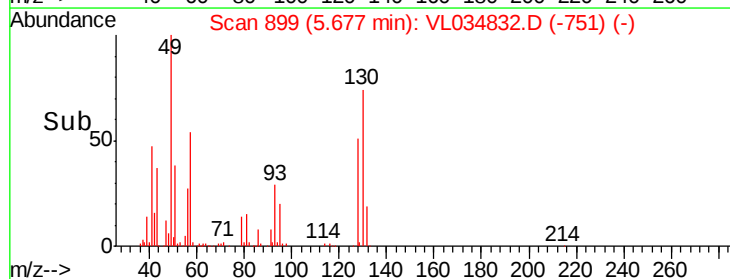
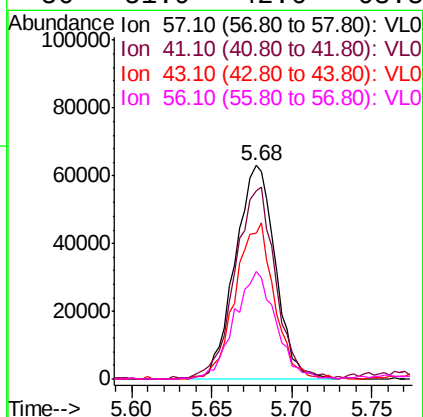
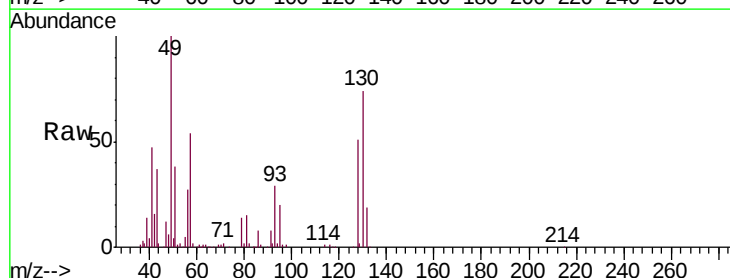
Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL2

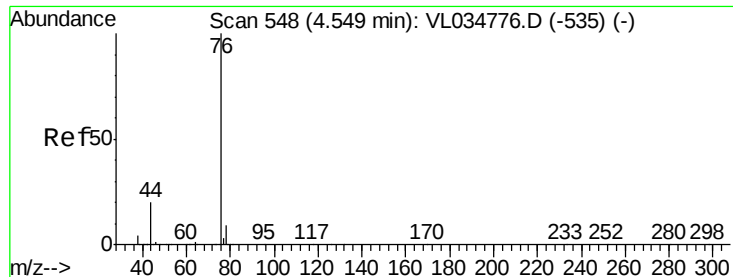
Tgt Ion:	43	Resp:	72481
Ion	Ratio	Lower	Upper
43	100		
45	0.7	8.2	12.4#
61	0.0	7.5	11.3#
70	1.7	6.0	9.0#



#26
Hexane
Concen: 1.284 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.02 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

Tgt Ion:	57	Resp:	107394
Ion	Ratio	Lower	Upper
57	100		
41	91.6	72.0	108.0
43	71.3	179.1	268.7#
56	51.9	42.6	63.8

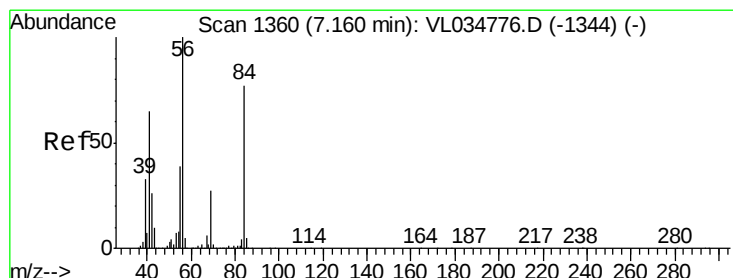
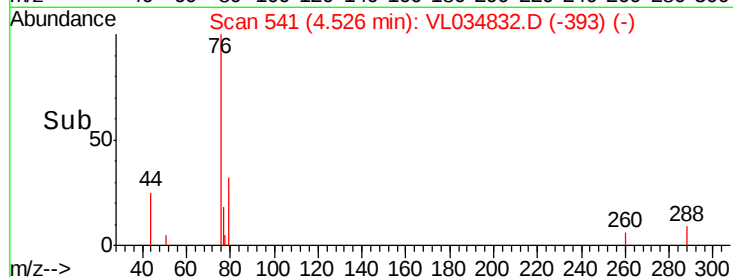
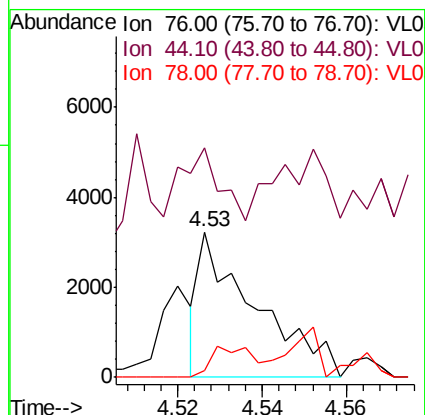
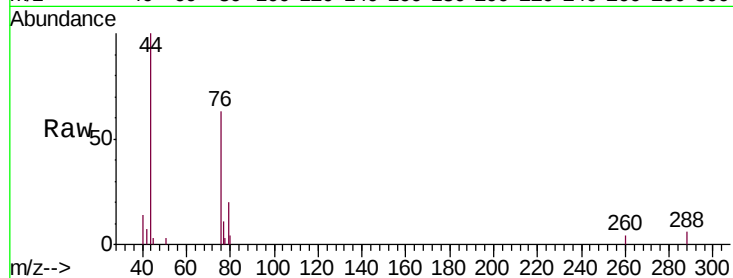




#27
Carbon Disulfide
Concen: 0.031 ppbv
RT: 4.53 min Scan# 541
Delta R.T. -0.02 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

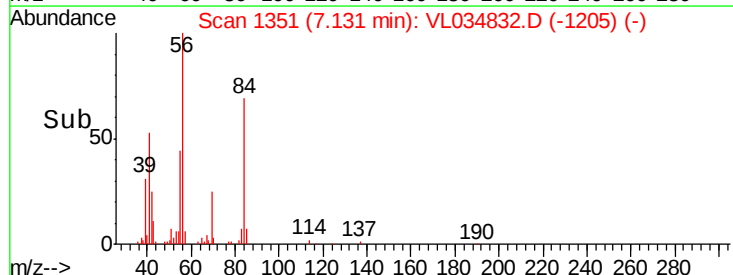
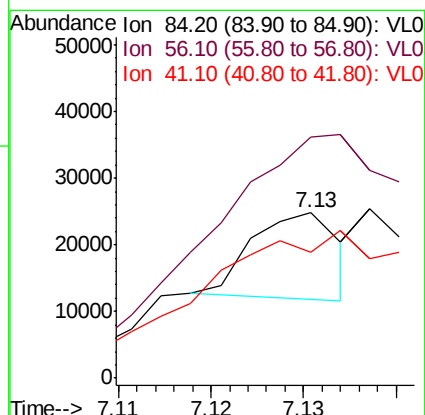
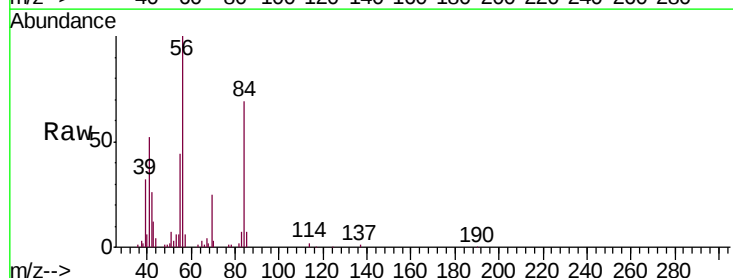
Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL2

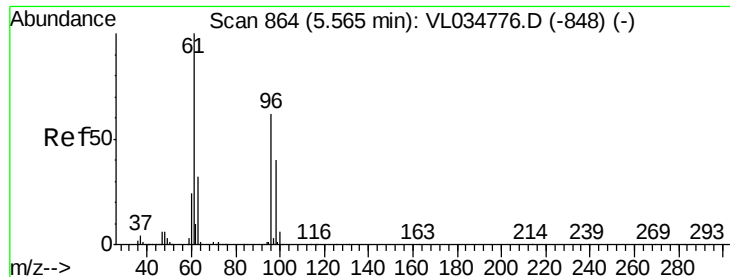
Tgt Ion: 76 Resp: 2994
Ion Ratio Lower Upper
76 100
44 0.0 16.1 24.1#
78 0.0 7.5 11.3#



#30
Cyclohexane
Concen: 0.128 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.03 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

Tgt Ion: 84 Resp: 8184
Ion Ratio Lower Upper
84 100
56 0.0 113.2 169.8#
41 0.0 70.2 105.4#



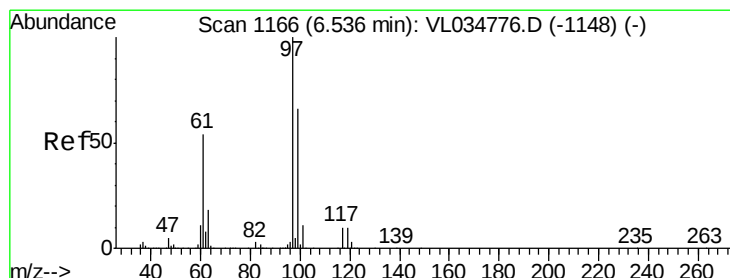
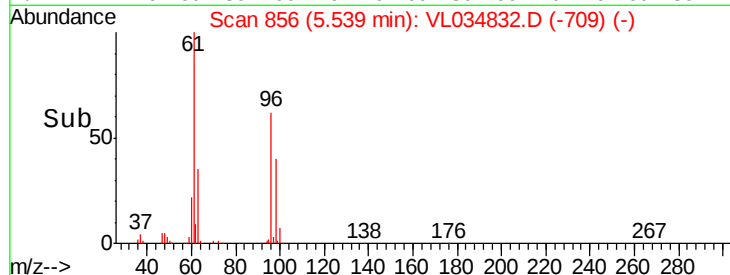
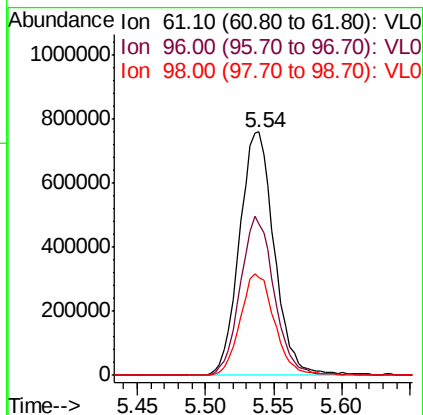
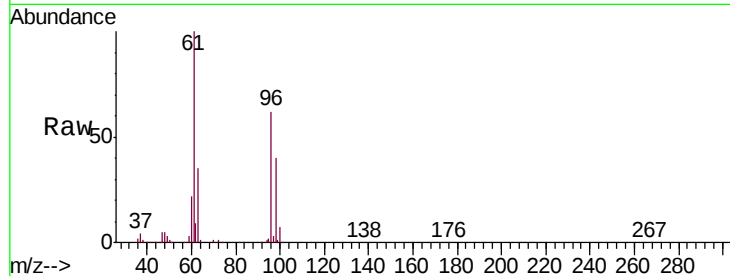


#31

cis-1,2-Dichloroethene
Concen: 15.631 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.03 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL2

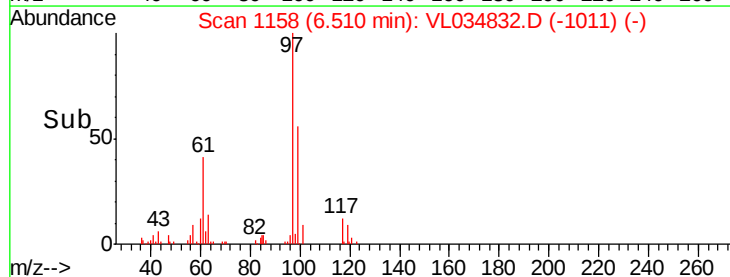
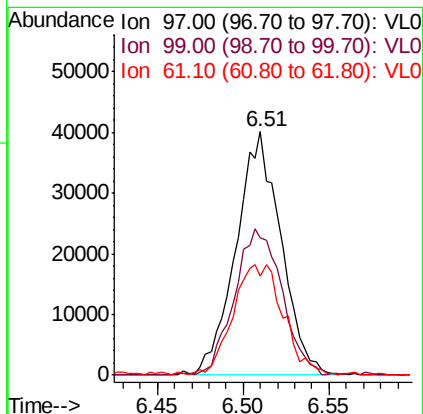
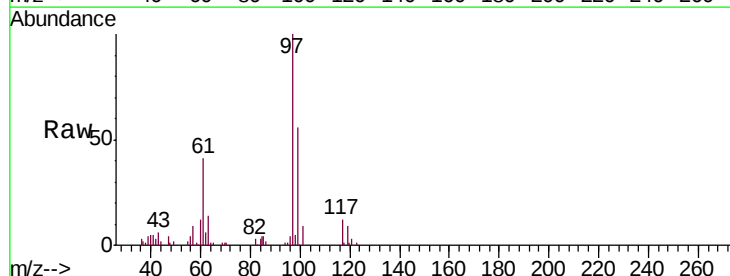
Tgt Ion: 61 Resp: 1340421
Ion Ratio Lower Upper
61 100
96 62.4 49.7 74.5
98 40.4 31.9 47.9

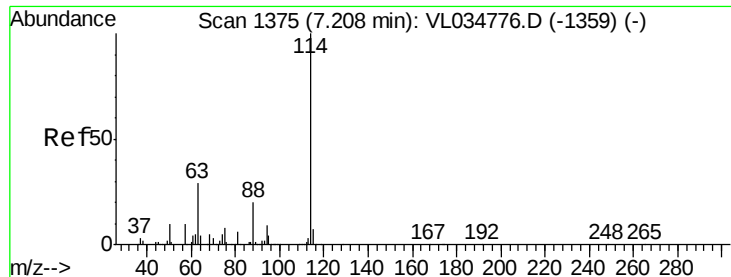


#32

1,1,1-Trichloroethane
Concen: 0.521 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.03 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

Tgt Ion: 97 Resp: 72515
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 51.5 43.4 65.0

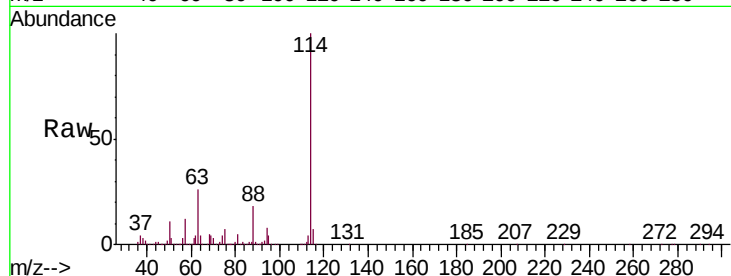




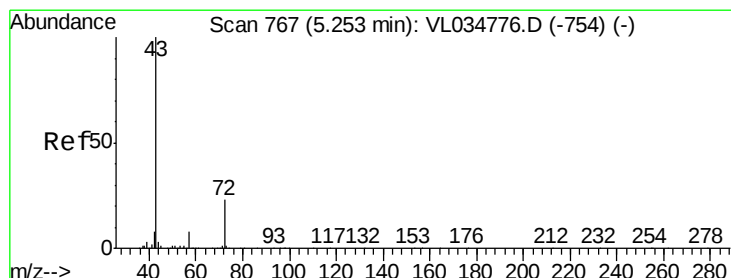
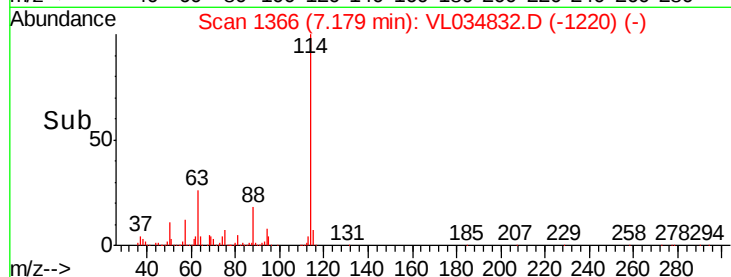
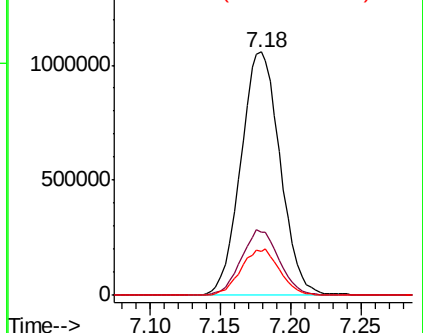
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.03 min
 Lab File: VL034832.D
 Acq: 7 Mar 2020 2:17

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1-4DL2

Tgt Ion:114 Resp: 2063165
 Ion Ratio Lower Upper
 114 100
 63 26.2 23.6 35.4
 88 18.8 15.8 23.8

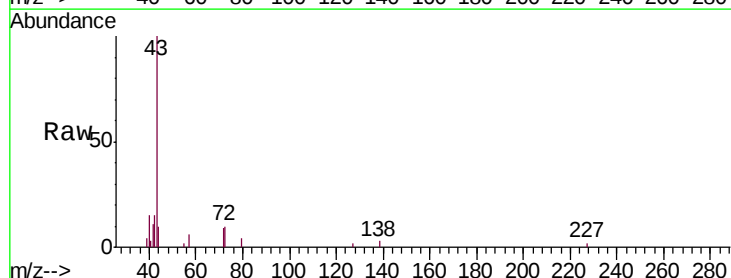


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

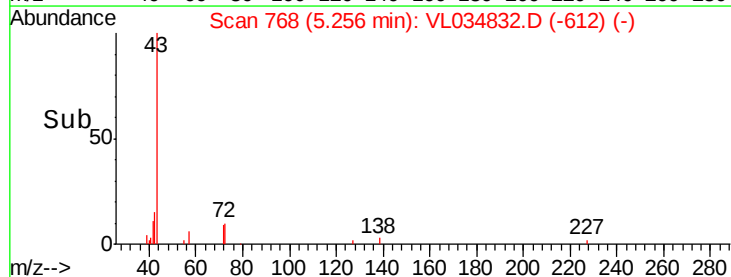
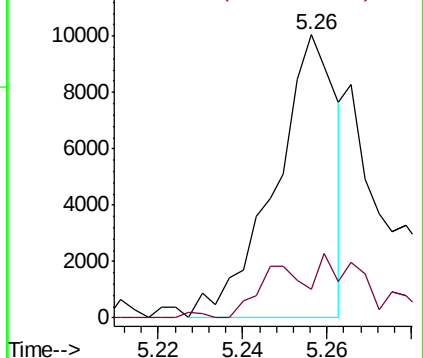


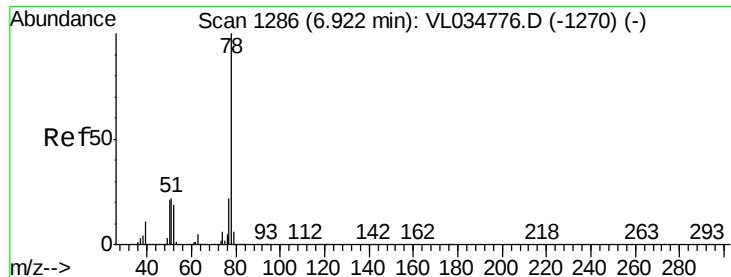
#34
 2-Butanone
 Concen: 0.075 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VL034832.D
 Acq: 7 Mar 2020 2:17

Tgt Ion: 43 Resp: 10121
 Ion Ratio Lower Upper
 43 100
 72 37.4 17.5 26.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 3.814 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. -0.03 min

Lab File: VL034832.D

Acq: 7 Mar 2020 2:17

Instrument :

MSVOA_L

ClientSampleId :

SS-1-4DL2

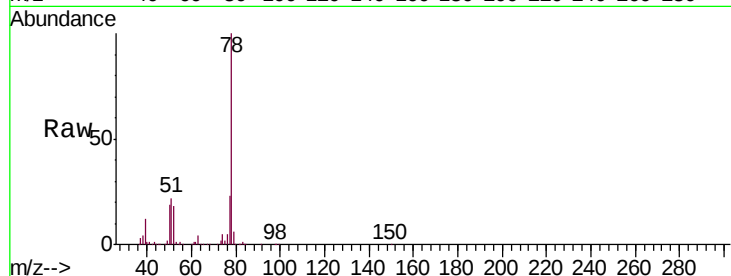
Tgt Ion: 78 Resp: 672445

Ion Ratio Lower Upper

78 100

77 23.0 18.0 27.0

50 19.1 16.9 25.3



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

400000

300000

200000

100000

0

6.89

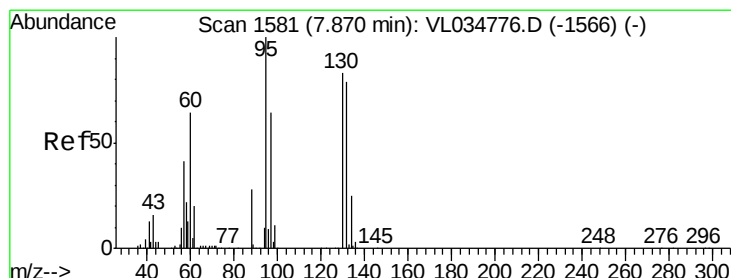
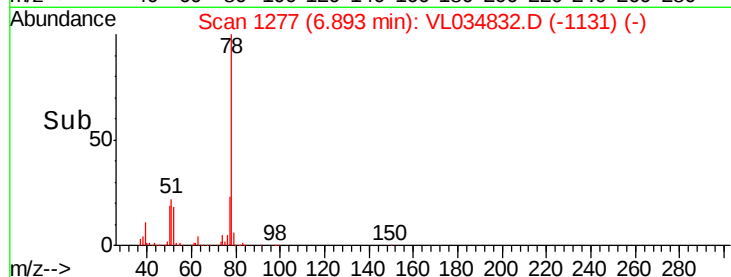
6.80

6.85

6.90

6.95

Time-->



#38

Trichloroethene

Concen: 0.987 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. -0.03 min

Lab File: VL034832.D

Acq: 7 Mar 2020 2:17

Tgt Ion: 130 Resp: 67803

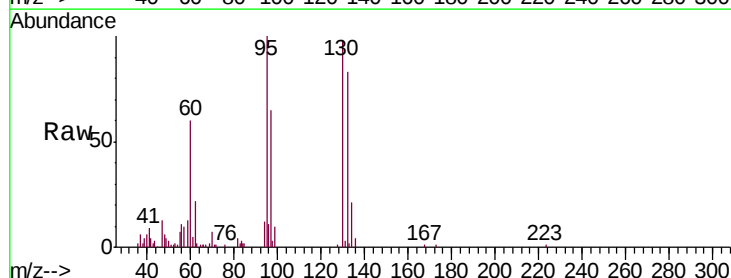
Ion Ratio Lower Upper

130 100

95 100.5 95.8 143.8

132 84.4 76.1 114.1

97 64.0 61.1 91.7



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

60000

50000

40000

30000

20000

10000

0

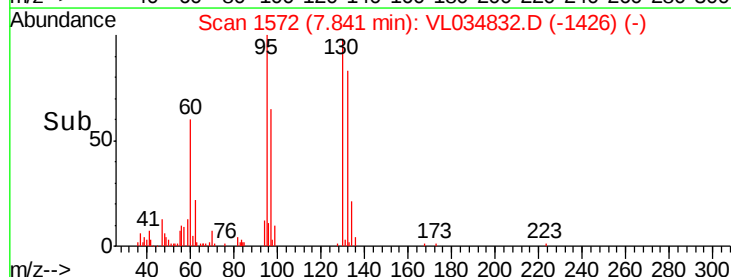
7.84

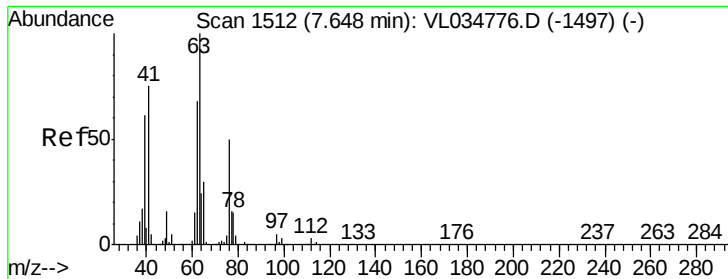
7.80

7.85

7.90

Time-->





#39

1,2-Dichloropropane

Concen: 0.635 ppbv

RT: 7.62 min Scan# 1504

Delta R.T. -0.03 min

Lab File: VL034832.D

Acq: 7 Mar 2020 2:17

Instrument :

MSVOA_L

ClientSampleId :

SS-1-4DL2

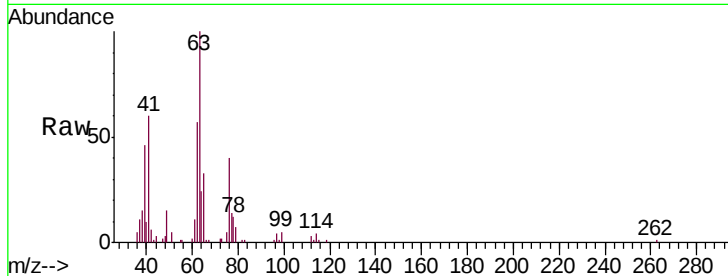
Tgt Ion: 63 Resp: 45204

Ion Ratio Lower Upper

63 100

41 55.4 60.3 90.5#

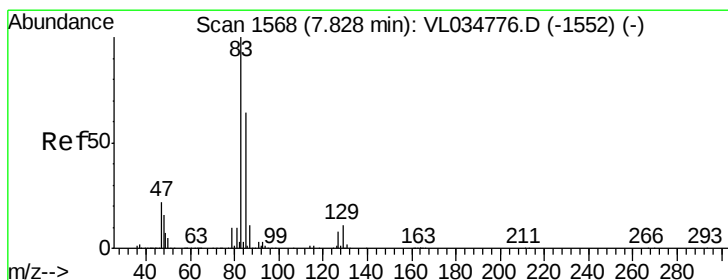
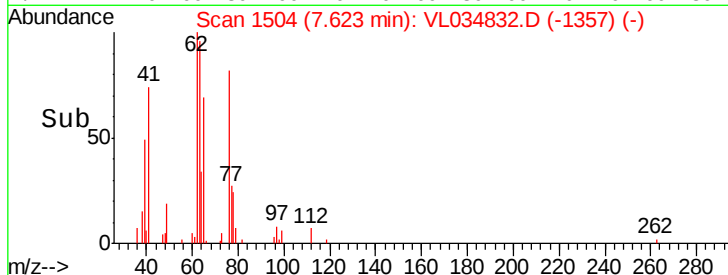
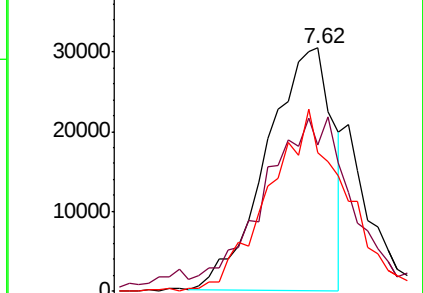
62 55.2 54.5 81.7



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



#42

Bromodichloromethane

Concen: 0.039 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. -0.03 min

Lab File: VL034832.D

Acq: 7 Mar 2020 2:17

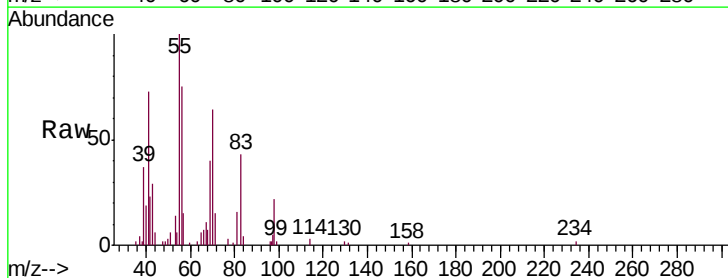
Tgt Ion: 83 Resp: 5878

Ion Ratio Lower Upper

83 100

85 0.0 50.8 76.2#

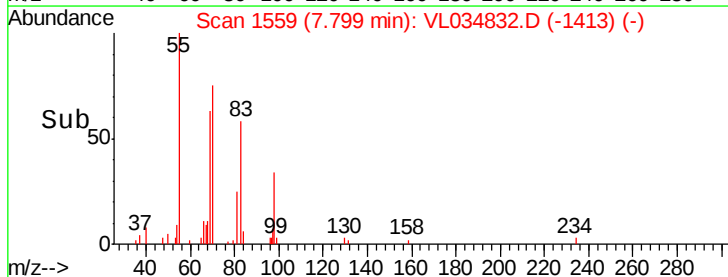
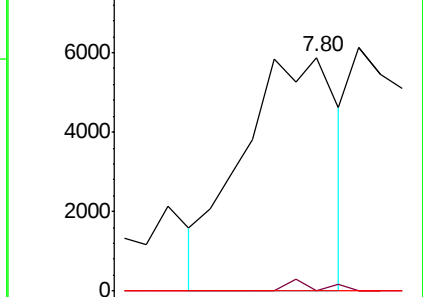
127 0.0 6.5 9.7#

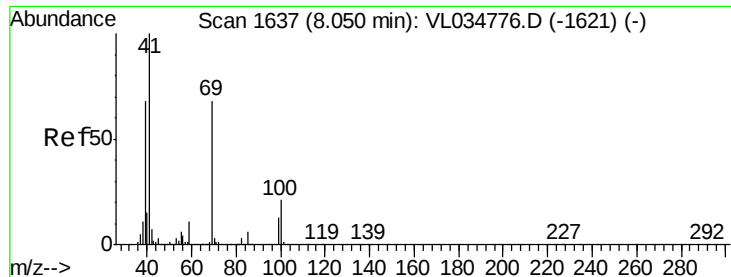


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

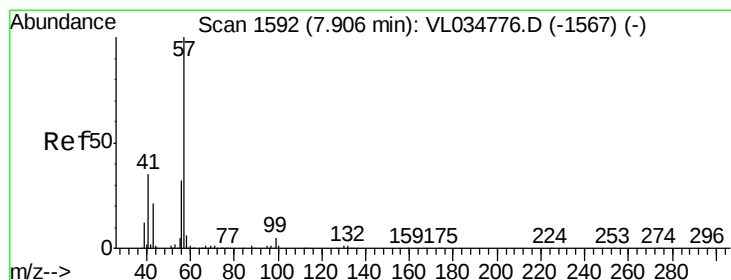
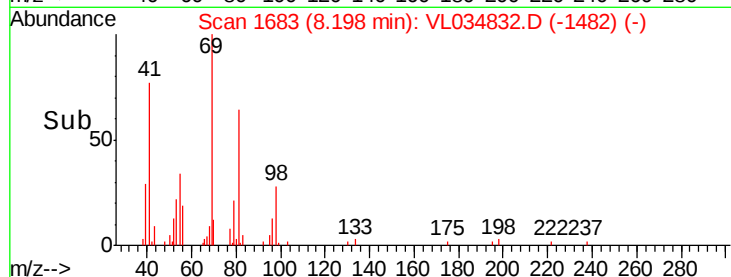
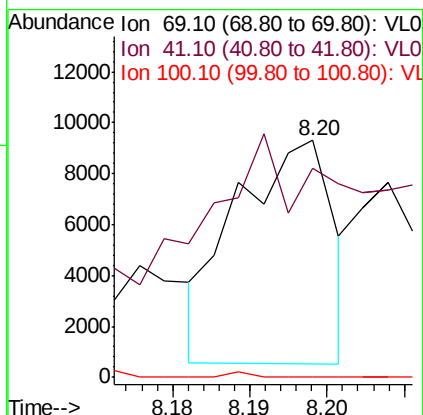
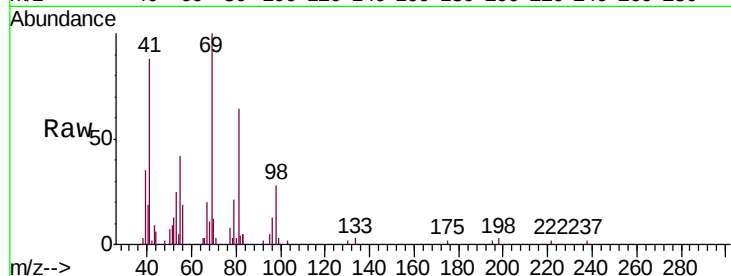




#43
Methyl Methacrylate
Concen: 0.102 ppbv
RT: 8.20 min Scan# 1683
Delta R.T. 0.15 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

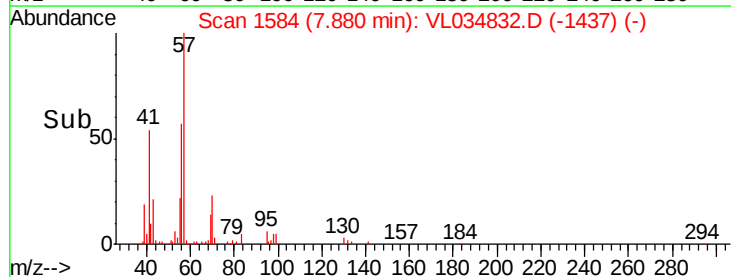
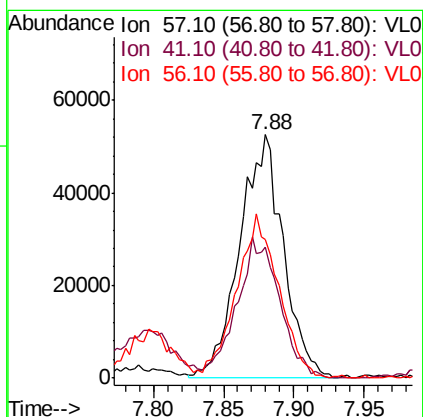
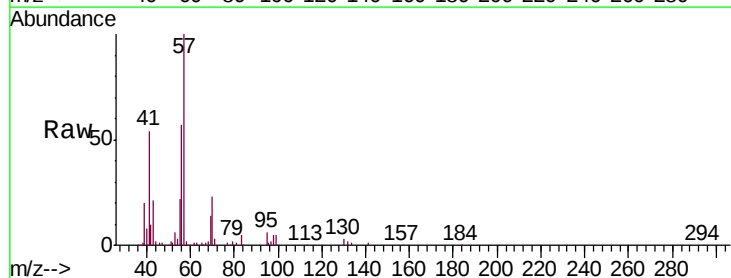
Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL2

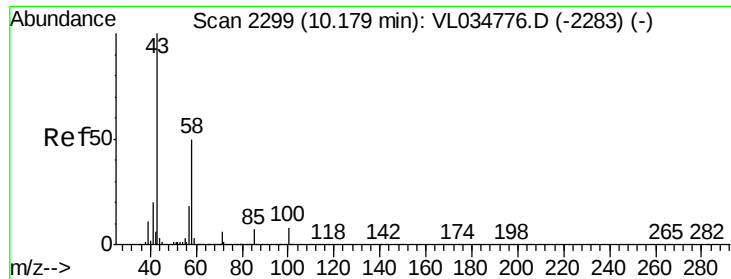
Tgt Ion: 69 Resp: 7652
Ion Ratio Lower Upper
69 100
41 804.4 121.6 182.4#
100 159.0 23.8 35.8#



#44
2,2,4-Trimethylpentane
Concen: 0.365 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. -0.03 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

Tgt Ion: 57 Resp: 112554
Ion Ratio Lower Upper
57 100
41 56.5 27.4 41.0#
56 66.0 25.0 37.6#

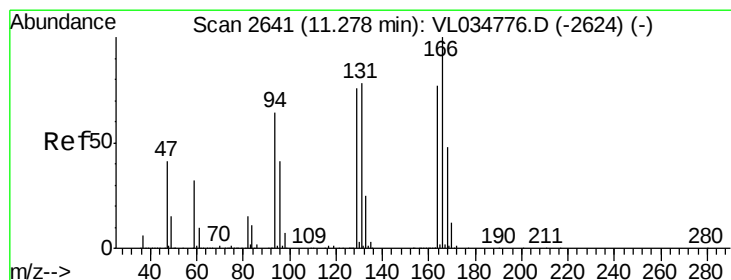
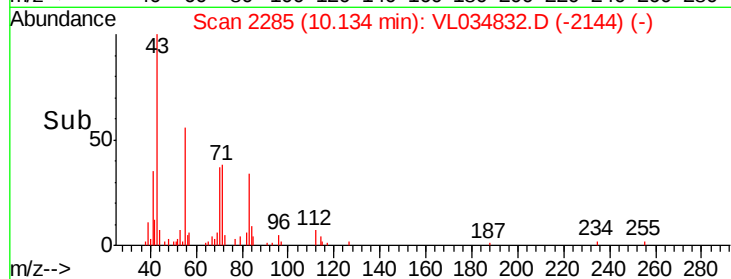
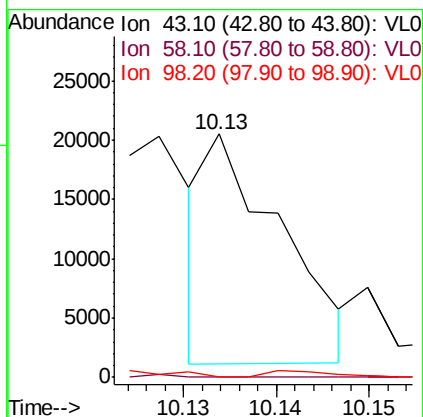
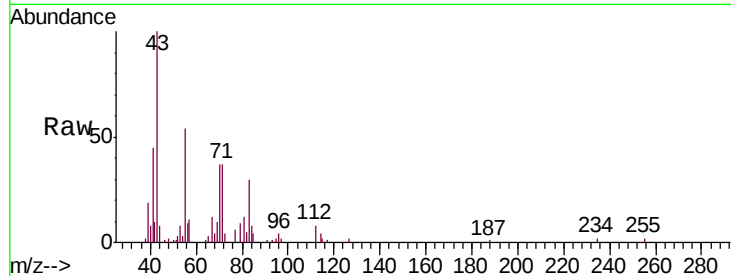




#51
2-Hexanone
Concen: 0.073 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. -0.05 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

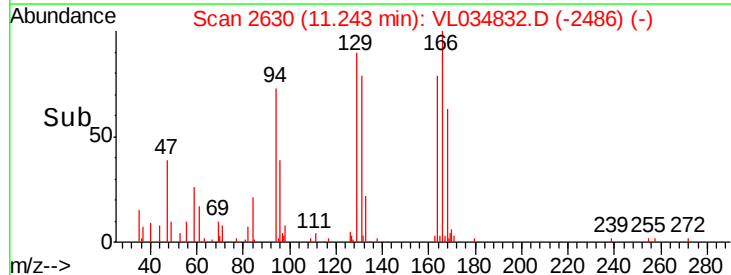
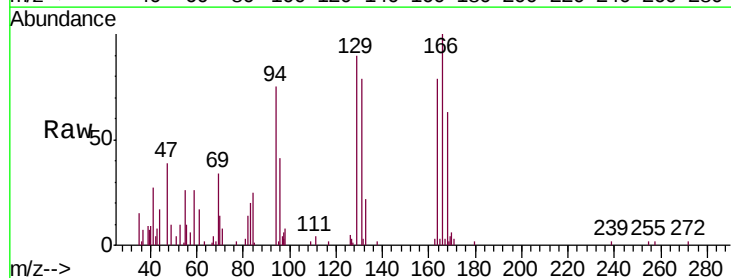
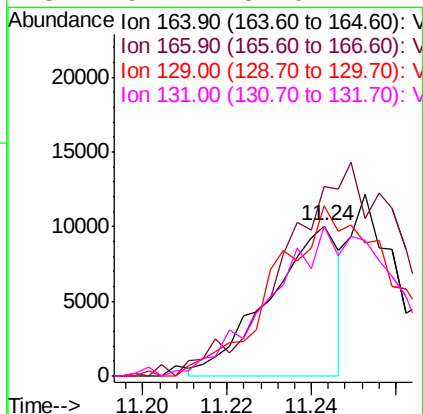
Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL2

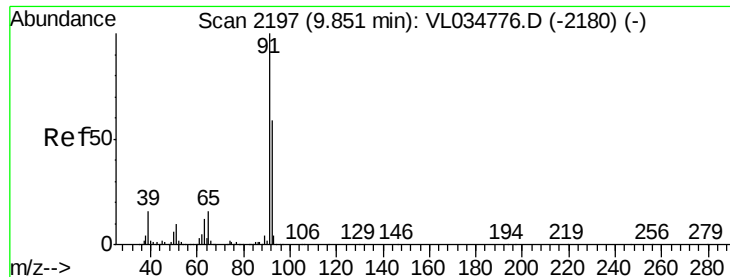
Tgt Ion: 43 Resp: 11005
Ion Ratio Lower Upper
43 100
58 0.0 38.6 58.0#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.176 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. -0.04 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

Tgt Ion: 164 Resp: 11480
Ion Ratio Lower Upper
164 100
166 117.9 103.3 154.9
129 108.5 79.0 118.4
131 97.7 81.0 121.4





#53

Toluene

Concen: 4.993 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. -0.03 min

Lab File: VL034832.D

Acq: 7 Mar 2020 2:17

Instrument :

MSVOA_L

ClientSampleId :

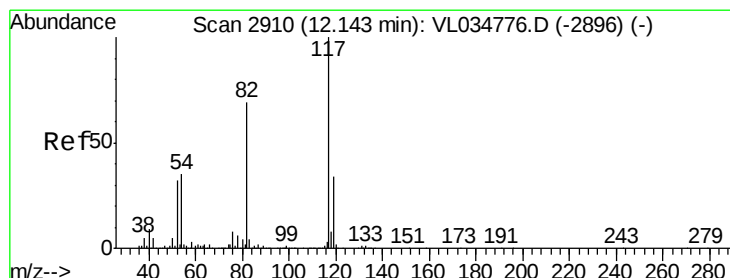
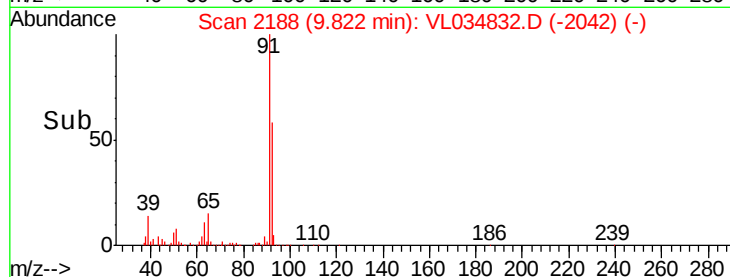
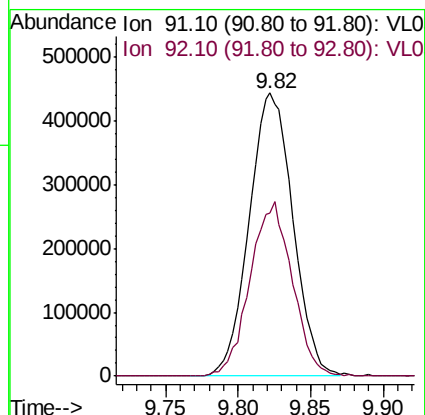
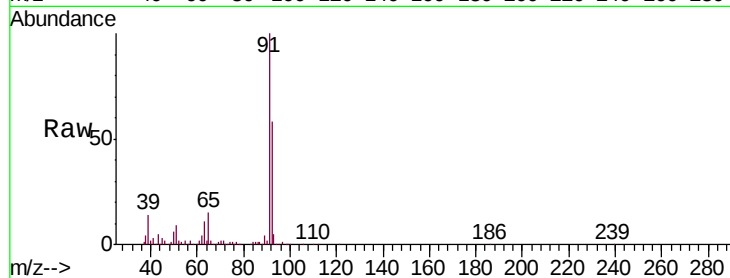
SS-1-4DL2

Tgt Ion: 91 Resp: 931599

Ion Ratio Lower Upper

91 100

92 59.7 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2900

Delta R.T. -0.03 min

Lab File: VL034832.D

Acq: 7 Mar 2020 2:17

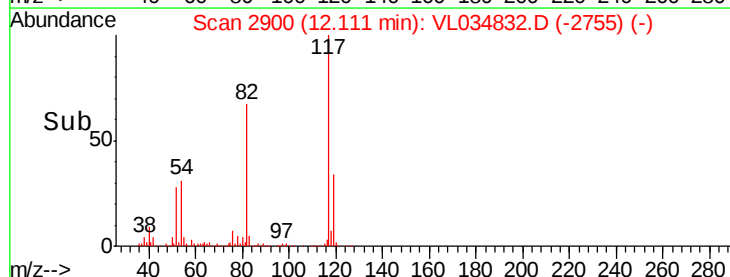
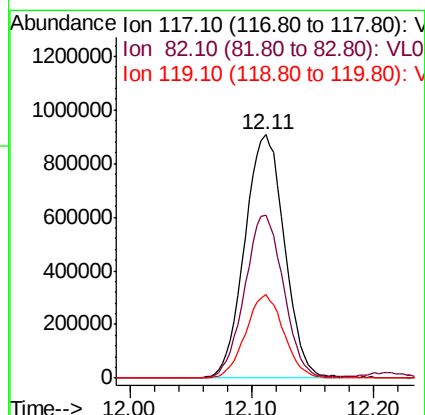
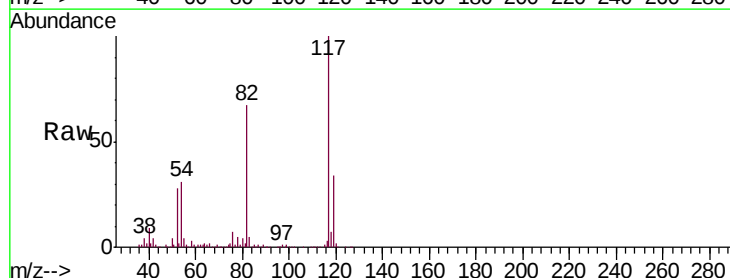
Tgt Ion: 117 Resp: 2039576

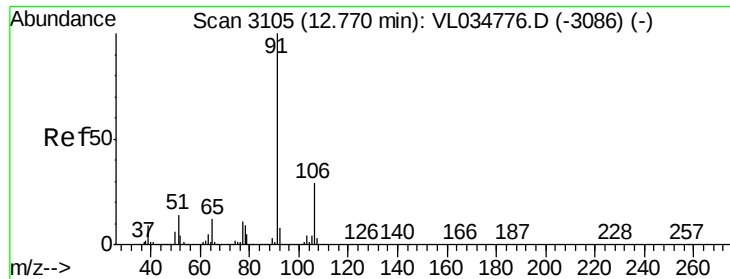
Ion Ratio Lower Upper

117 100

82 65.5 53.9 80.9

119 33.0 25.0 37.4





#58

Ethyl Benzene

Concen: 0.785 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. -0.04 min

Lab File: VL034832.D

Acq: 7 Mar 2020 2:17

Instrument :

MSVOA_L

ClientSampleId :

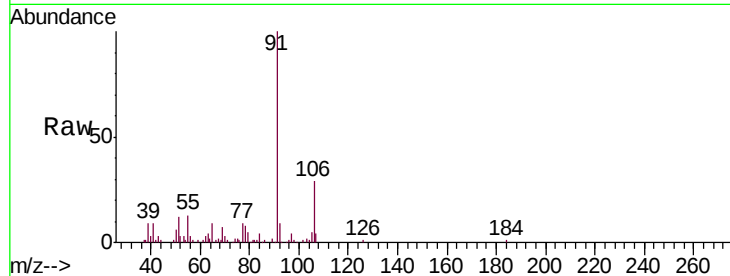
SS-1-4DL2

Tgt Ion: 91 Resp: 197326

Ion Ratio Lower Upper

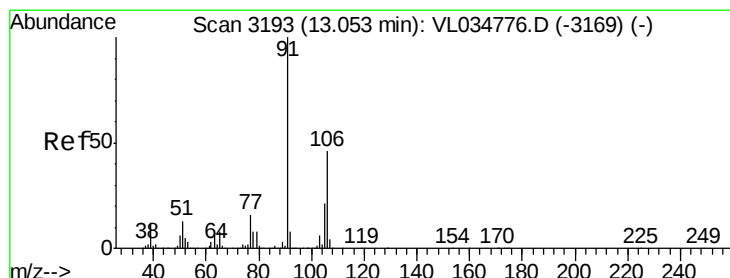
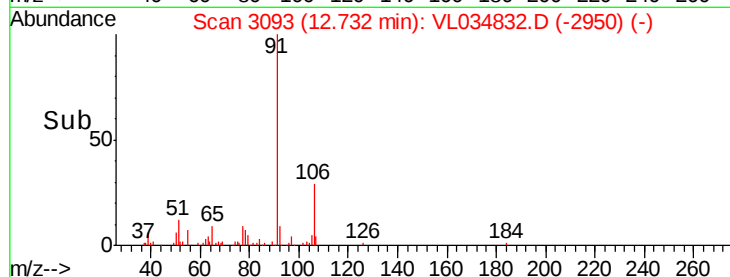
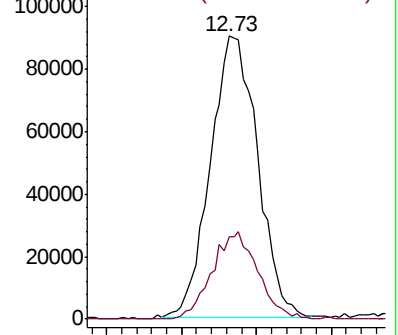
91 100

106 28.9 22.8 34.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.197 ppbv

RT: 13.02 min Scan# 3183

Delta R.T. -0.03 min

Lab File: VL034832.D

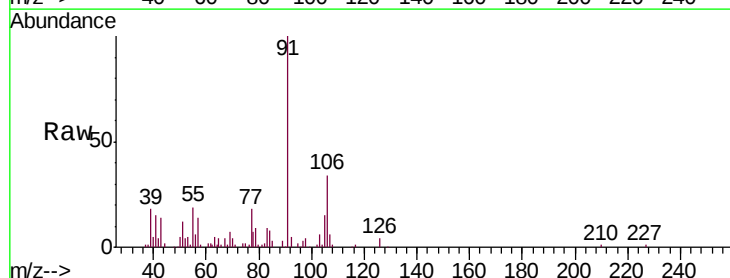
Acq: 7 Mar 2020 2:17

Tgt Ion: 91 Resp: 42955

Ion Ratio Lower Upper

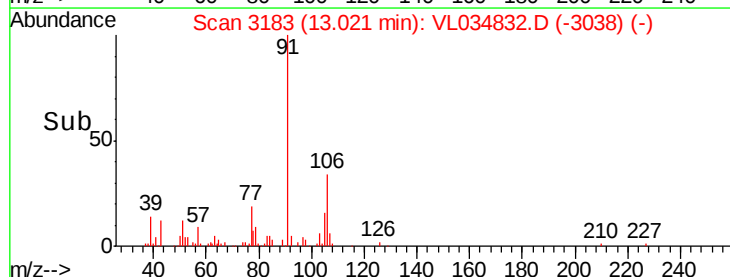
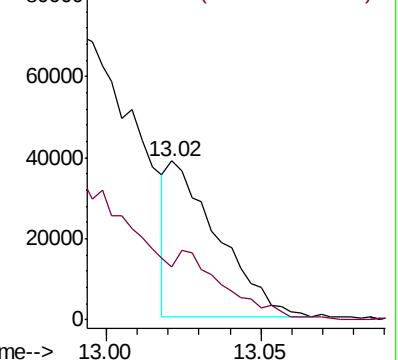
91 100

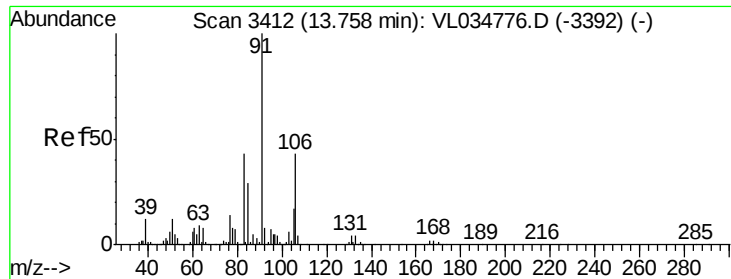
106 0.0 35.8 53.8#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

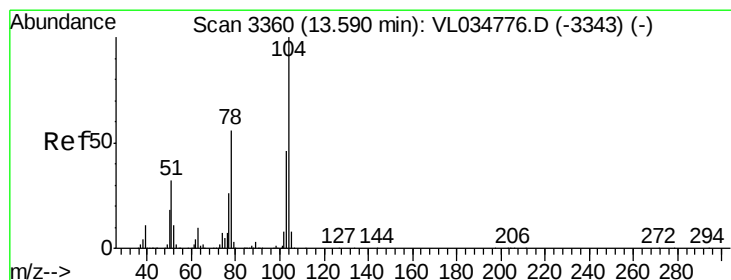
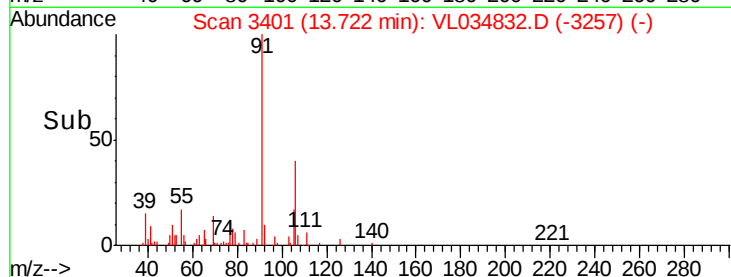
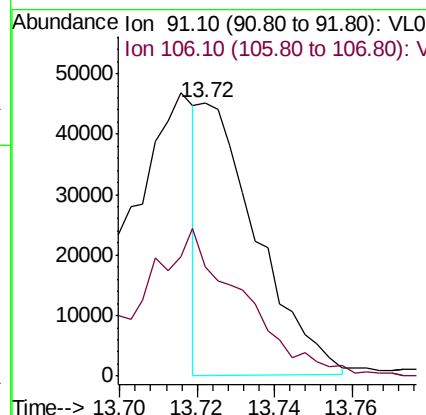
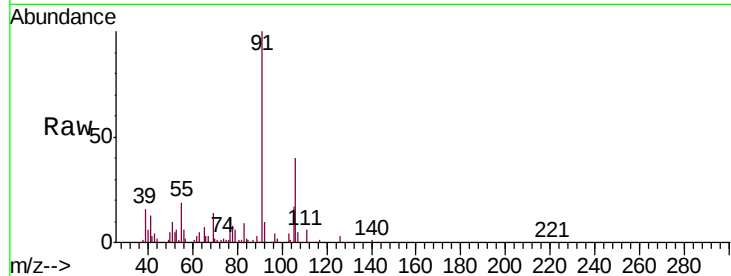




#60
o-Xylene
Concen: 0.209 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. -0.04 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

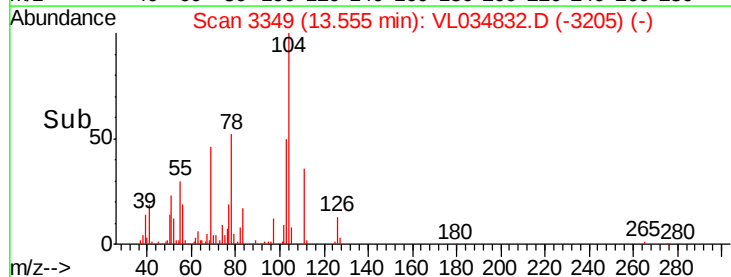
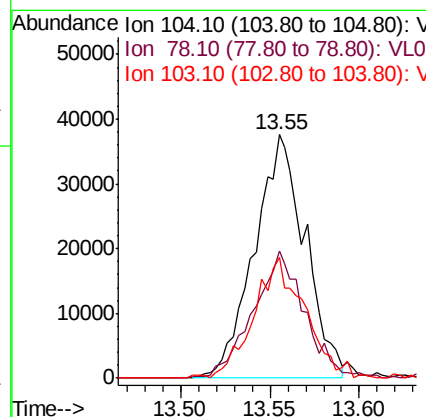
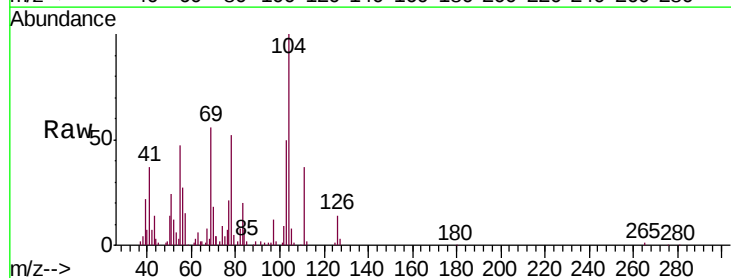
Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL2

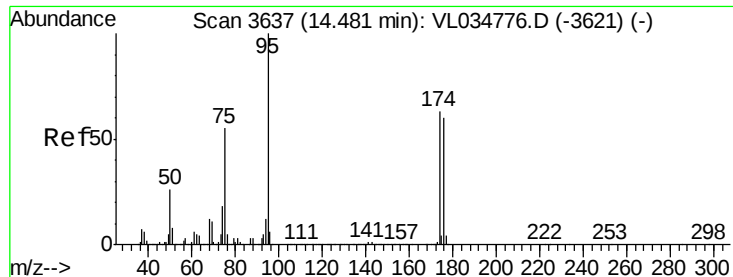
Tgt Ion: 91 Resp: 46018
Ion Ratio Lower Upper
91 100
106 99.3 21.7 65.1#



#61
Styrene
Concen: 0.548 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.04 min
Lab File: VL034832.D
Acq: 7 Mar 2020 2:17

Tgt Ion: 104 Resp: 74812
Ion Ratio Lower Upper
104 100
78 53.0 44.7 67.1
103 50.1 38.2 57.2

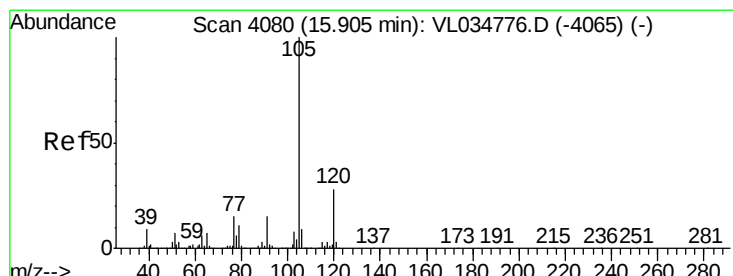
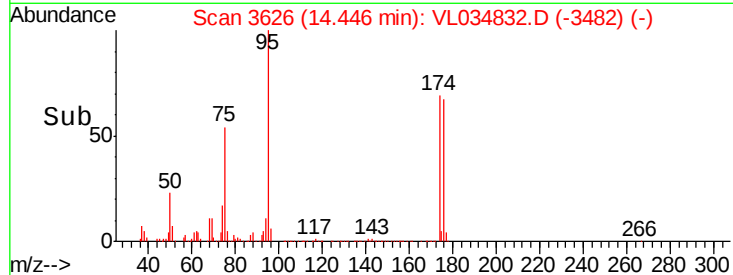
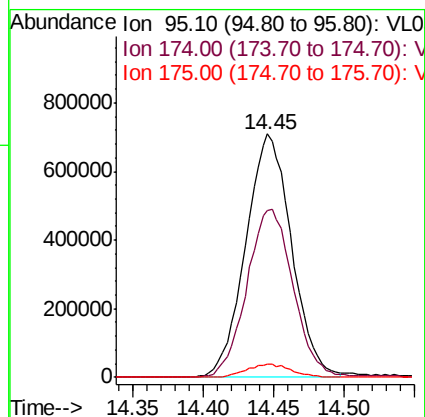
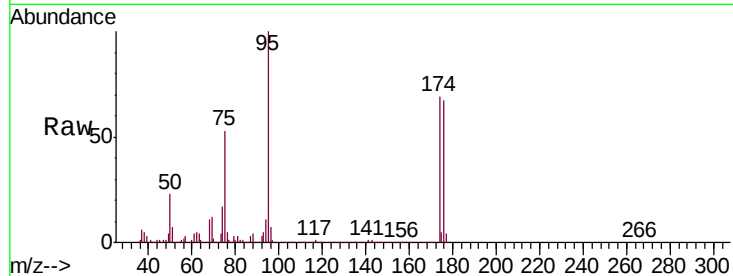




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.455 ppbv
 RT: 14.45 min Scan# 3626
 Delta R.T. -0.04 min
 Lab File: VL034832.D
 Acq: 7 Mar 2020 2:17

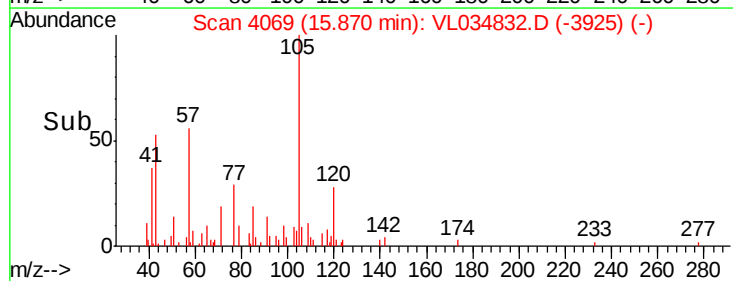
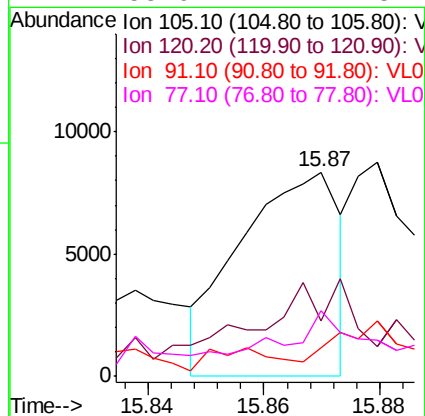
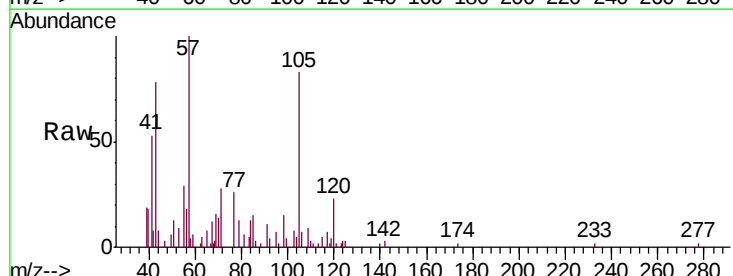
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1-4DL2

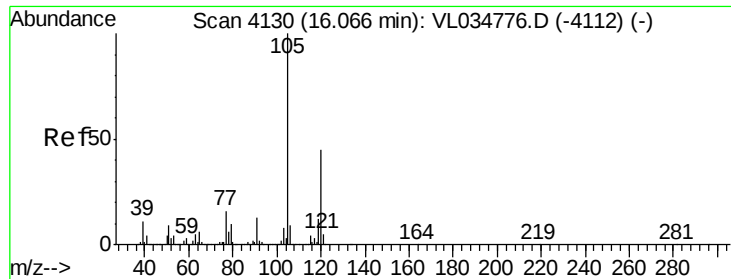
Tgt Ion: 95 Resp: 1608083
 Ion Ratio Lower Upper
 95 100
 174 71.0 50.6 76.0
 175 5.4 3.8 5.6



#72
 4-Ethyltoluene
 Concen: 0.041 ppbv
 RT: 15.87 min Scan# 4069
 Delta R.T. -0.04 min
 Lab File: VL034832.D
 Acq: 7 Mar 2020 2:17

Tgt Ion: 105 Resp: 9940
 Ion Ratio Lower Upper
 105 100
 120 61.9 23.0 34.6#
 91 0.0 11.1 16.7#
 77 55.9 12.2 18.4#





#73
 1,3,5-Trimethylbenzene
 Concen: 0.040 ppbv
 RT: 16.02 min Scan# 4117
 Delta R.T. -0.04 min
 Lab File: VL034832.D
 Acq: 7 Mar 2020 2:17

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1-4DL2

Tgt Ion:105 Resp: 9433
 Ion Ratio Lower Upper
 105 100
 120 26.8 35.6 53.4#

