

Data File : VL034830.D
Acq On : 7 Mar 2020 1:01
Operator : SY/AP
Sample : L1698-06DL2 600X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL2

Quant Time: Mar 07 03:21:25 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	5.66	49	918476	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.18	114	2079057	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.12	117	2047299	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1663919	9.75	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

Target Compounds

						Qvalue
3) Chlorodifluoromethane	2.99	51	7947	0.076	ppbv #	59
5) Vinyl Chloride	3.22	62	1050445	17.642	ppbv	96
7) Chloroethane	3.22	64	335580	16.300	ppbv #	44
9) Propene	2.97	41	128766	3.126	ppbv	93
10) Heptane	8.14	43	490830	4.689	ppbv #	27
13) Ethanol	3.58	45	1162	0.082	ppbv #	38
15) Acetone	3.84	43	676009	6.146	ppbv #	72
16) 1,3-Butadiene	3.27	39	56489	1.135	ppbv #	16
17) tert-Butyl alcohol	4.28	59	87514	1.009	ppbv #	91
19) Isopropyl Alcohol	3.96	45	27411	0.416	ppbv #	93
20) Methylene Chloride	4.32	84	41933	1.068	ppbv	96
21) Allyl Chloride	4.34	41	77876	1.118	ppbv #	63
22) trans-1,2-Dichloroethene	4.87	96	27707	0.695	ppbv	85
23) Vinyl Acetate	5.04	43	408067	2.767	ppbv #	1
24) 1,1-Dichloroethane	5.00	63	6398	0.056	ppbv #	88
25) Ethyl Acetate	5.68	43	424857	2.235	ppbv #	76
26) Hexane	5.68	57	599476	7.220	ppbv #	42
27) Carbon Disulfide	4.53	76	118620	1.223	ppbv #	81
30) Cyclohexane	7.13	84	76658	1.207	ppbv #	1
31) cis-1,2-Dichloroethene	5.54	61	1462279	17.170	ppbv	98
34) 2-Butanone	5.24	43	90760	0.671	ppbv	97
36) Benzene	6.89	78	1823142	10.262	ppbv	97
38) Trichloroethene	7.85	130	46565	0.672	ppbv	93
39) 1,2-Dichloropropane	7.18	63	539449	7.524	ppbv #	23
41) Tetrahydrofuran	6.10	42	6235	0.090	ppbv	89
42) Bromodichloromethane	7.81	83	783671	5.104	ppbv #	25
43) Methyl Methacrylate	8.00	69	293907	3.904	ppbv #	47
44) 2,2,4-Trimethylpentane	7.88	57	837219	2.697	ppbv #	63
47) 1,1,2-Trichloroethane	9.46	97	162902	2.152	ppbv #	1
50) 4-Methyl-2-Pentanone	8.77	43	44000	0.227	ppbv #	39
51) 2-Hexanone	10.13	43	49419	0.325	ppbv #	29
52) Tetrachloroethene	11.24	164	2919	0.044	ppbv #	83
53) Toluene	9.83	91	841111	4.473	ppbv	100
58) Ethyl Benzene	12.74	91	2358399	9.348	ppbv	95
59) m/p-Xylene	13.00	91	6376477	29.196	ppbv	93
60) o-Xylene	13.73	91	2209834	10.001	ppbv	97
62) Isopropylbenzene	14.70	105	30101	0.093	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.71	83	54919	0.315	ppbv #	24
64) n-propylbenzene	15.60	120	2755	0.034	ppbv #	1
72) 4-Ethyltoluene	15.87	105	48168	0.196	ppbv	97
73) 1,3,5-Trimethylbenzene	16.03	105	20963	0.089	ppbv	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030620\
Quantitation Report (Not Reviewed)

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QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) 1,2,4-Trimethylbenzene	16.80	105	37956	0.148	ppbv	# 63

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

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Acq On : 7 Mar 2020 1:01

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Sample : L1698-06DL2 600X

Misc : 400ml/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL2

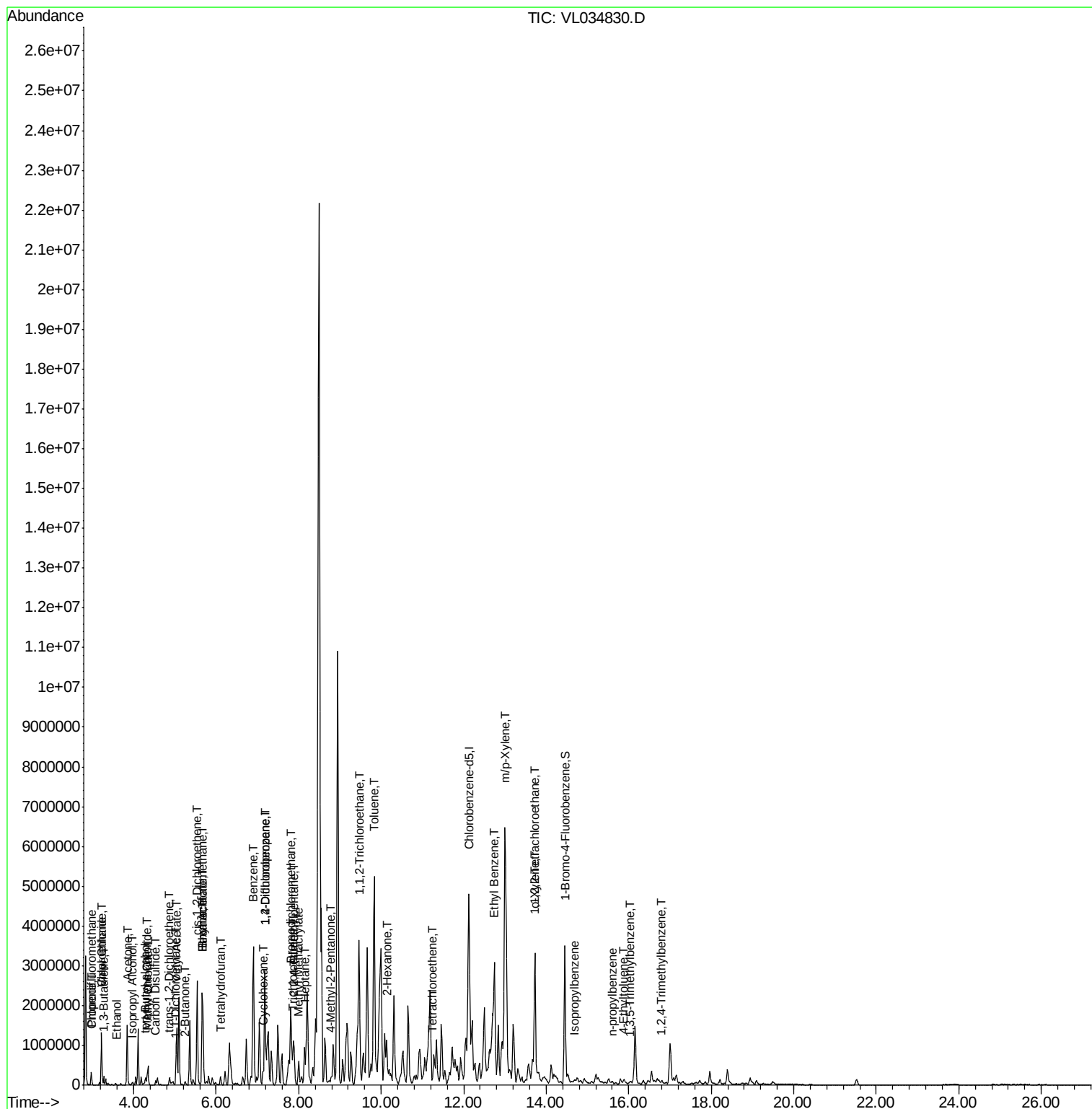
Quant Time: Mar 07 03:21:25 2020

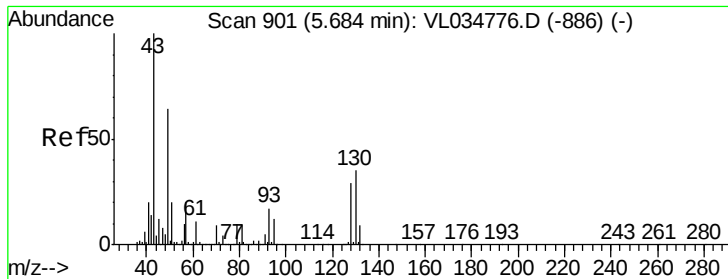
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M

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: 5.66 min Scan# 893

Delta R.T. -0.03 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4DL2

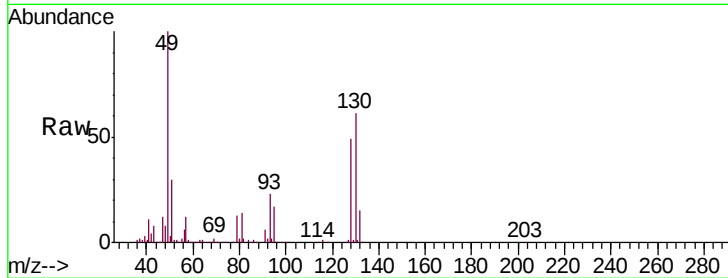
Tgt Ion: 49 Resp: 918476

Ion Ratio Lower Upper

49 100

128 46.8 21.6 64.6

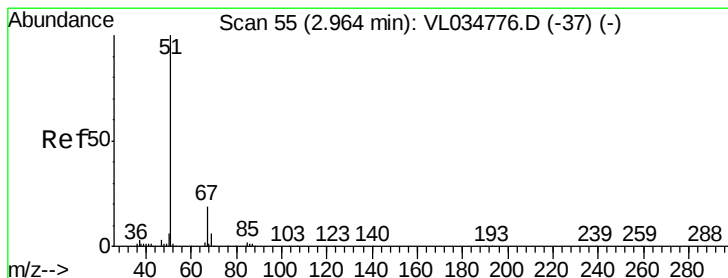
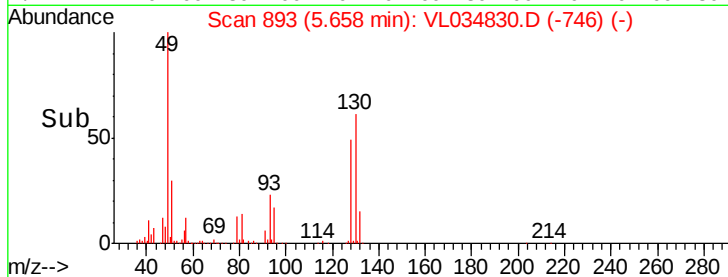
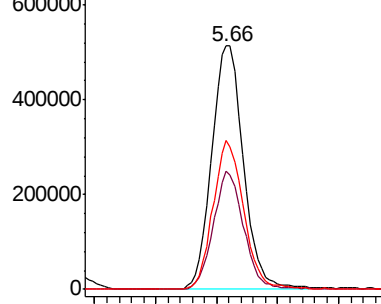
130 59.7 27.4 82.2



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#3

Chlorodifluoromethane

Concen: 0.076 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.02 min

Lab File: VL034830.D

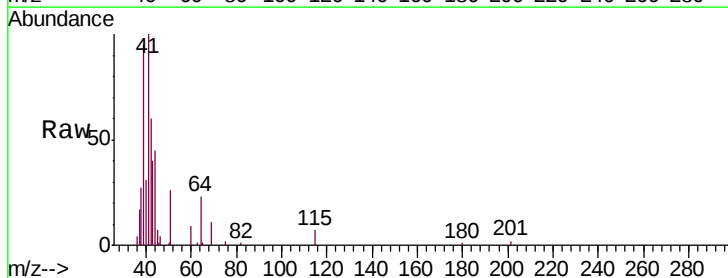
Acq: 7 Mar 2020 1:01

Tgt Ion: 51 Resp: 7947

Ion Ratio Lower Upper

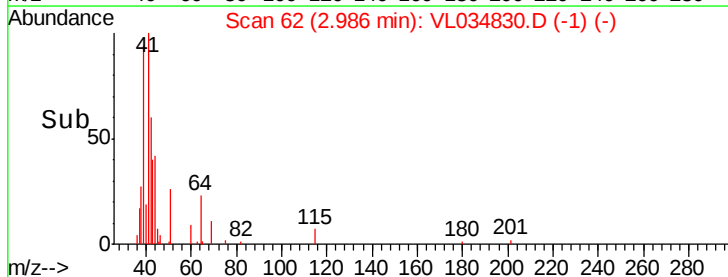
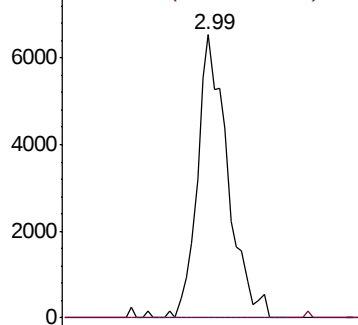
51 100

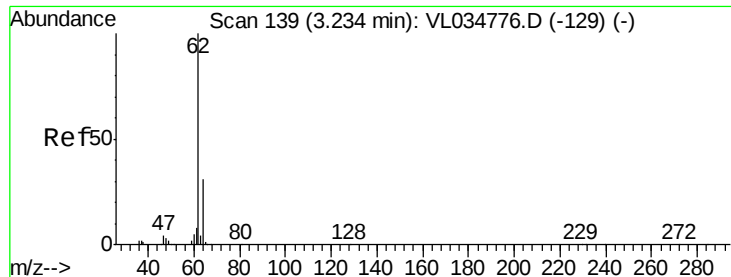
67 0.5 15.3 22.9#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#5

Vinyl Chloride

Concen: 17.642 ppbv

RT: 3.22 min Scan# 135

Delta R.T. -0.01 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

Instrument :

MSVOA_L

ClientSampleId :

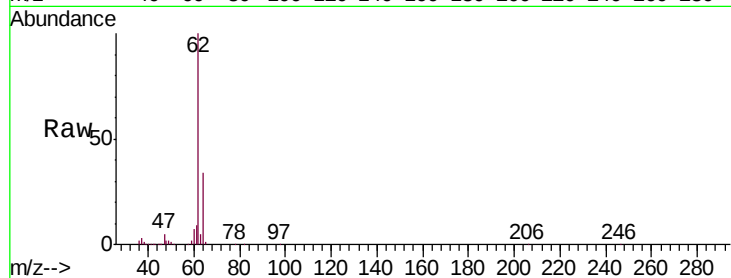
SS-3-4DL2

Tgt Ion: 62 Resp: 1050445

Ion Ratio Lower Upper

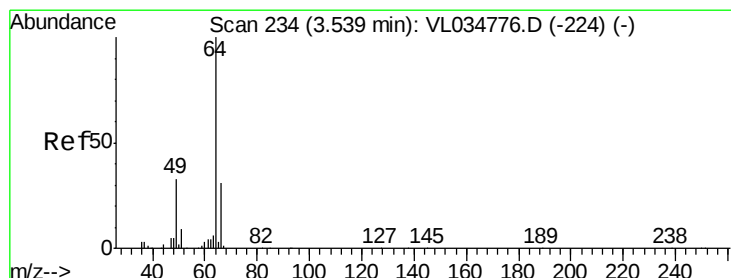
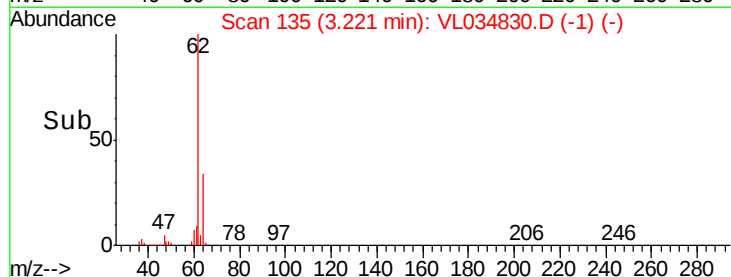
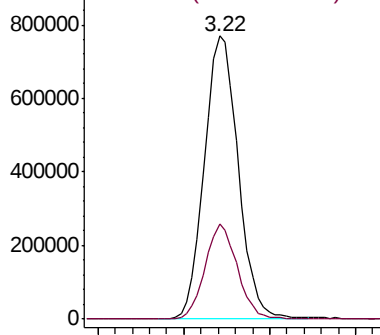
62 100

64 33.8 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: 16.300 ppbv

RT: 3.22 min Scan# 135

Delta R.T. -0.32 min

Lab File: VL034830.D

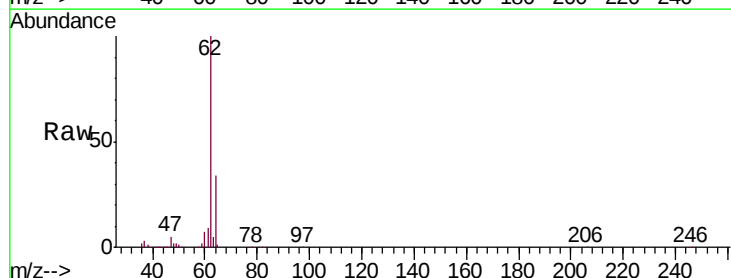
Acq: 7 Mar 2020 1:01

Tgt Ion: 64 Resp: 335580

Ion Ratio Lower Upper

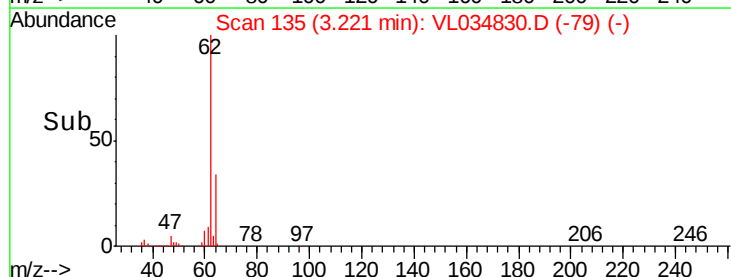
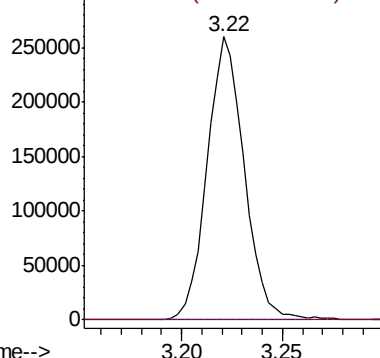
64 100

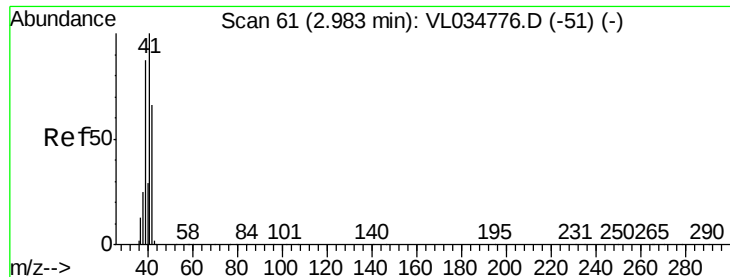
66 0.0 24.8 37.2#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#9

Propene

Concen: 3.126 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.01 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

Instrument :

MSVOA_L

ClientSampleId :

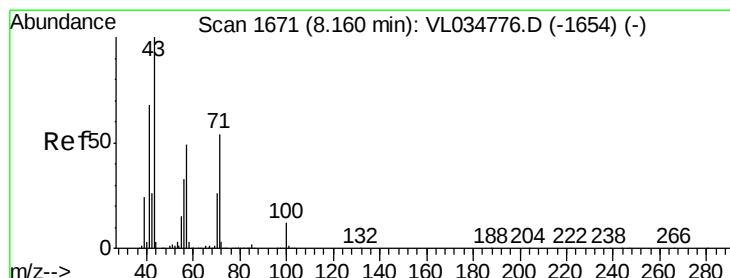
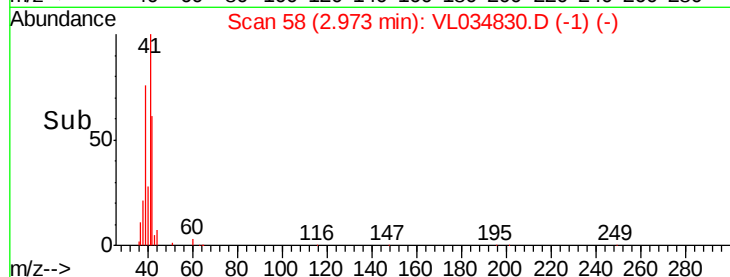
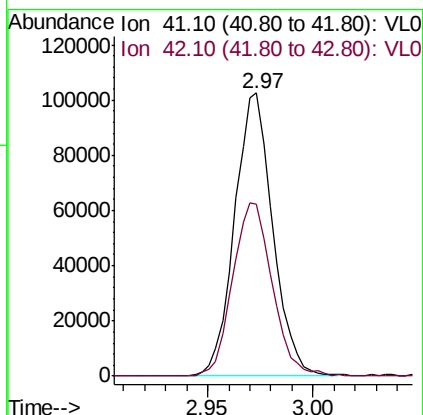
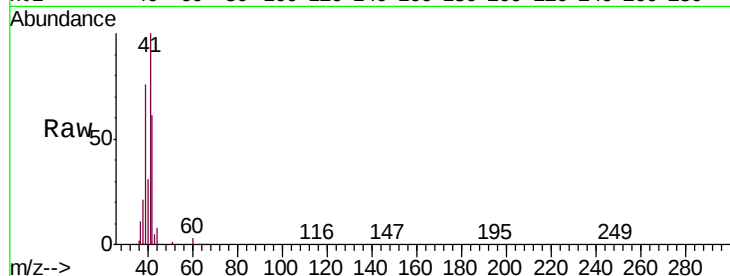
SS-3-4DL2

Tgt Ion: 41 Resp: 128766

Ion Ratio Lower Upper

41 100

42 63.6 55.6 83.4



#10

Heptane

Concen: 4.689 ppbv

RT: 8.14 min Scan# 1666

Delta R.T. -0.02 min

Lab File: VL034830.D

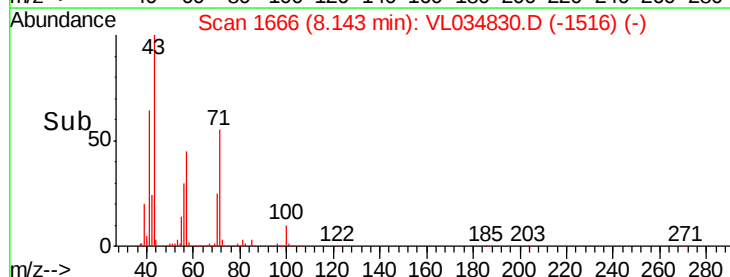
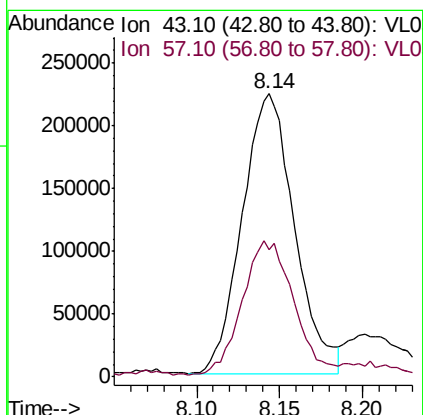
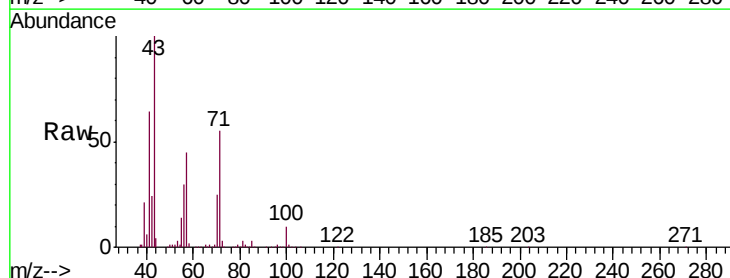
Acq: 7 Mar 2020 1:01

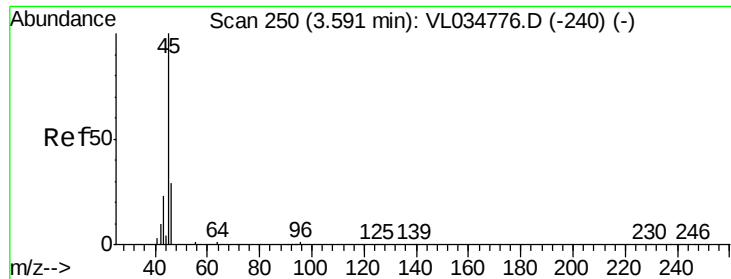
Tgt Ion: 43 Resp: 490830

Ion Ratio Lower Upper

43 100

57 0.0 40.5 60.7#

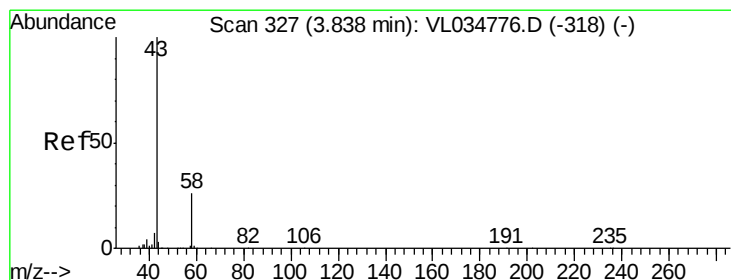
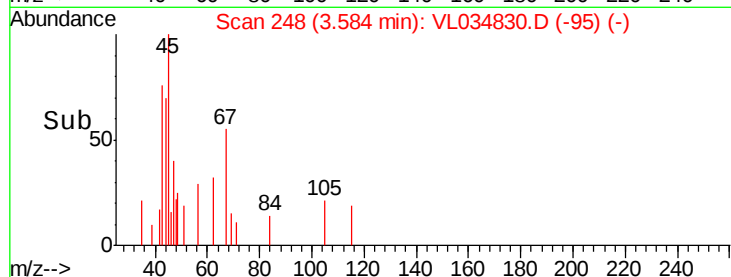
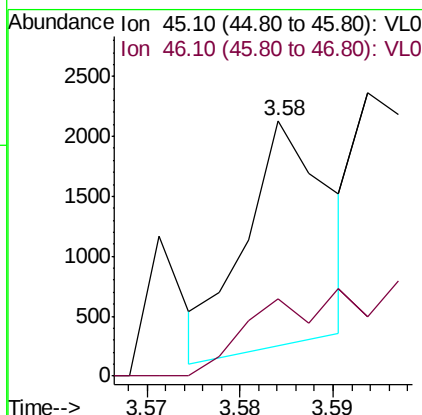
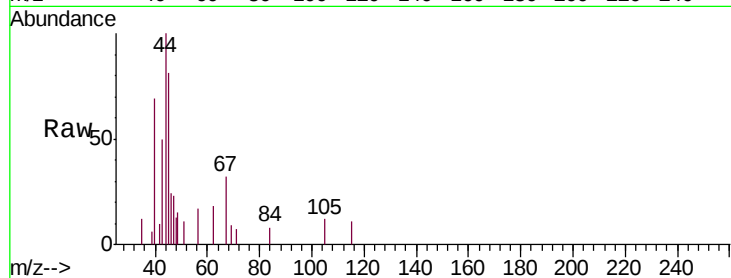




#13
Ethanol
Concen: 0.082 ppbv
RT: 3.58 min Scan# 248
Delta R.T. -0.01 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

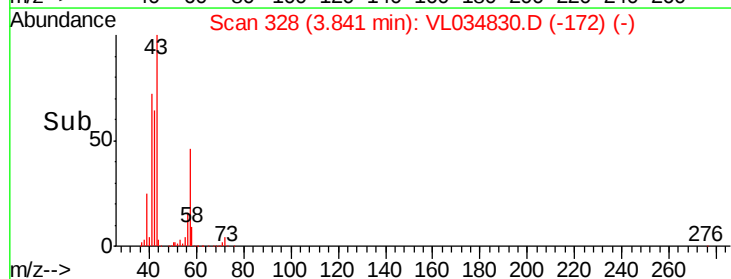
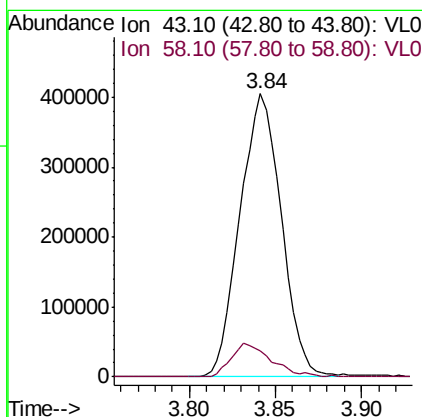
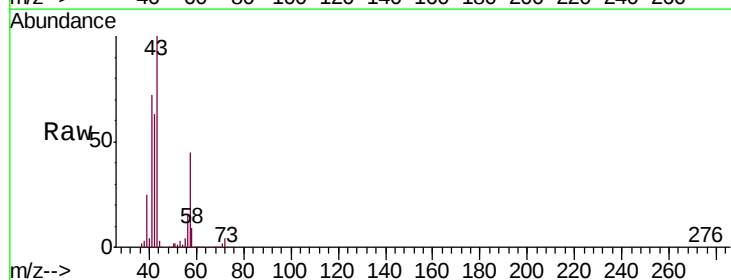
Instrument :
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ClientSampleId :
SS-3-4DL2

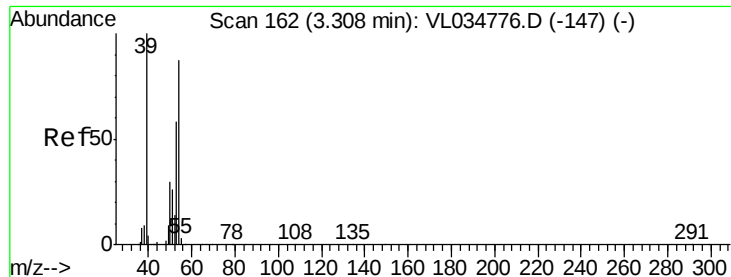
Tgt Ion: 45 Resp: 1162
Ion Ratio Lower Upper
45 100
46 0.0 14.7 58.9#



#15
Acetone
Concen: 6.146 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.00 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

Tgt Ion: 43 Resp: 676009
Ion Ratio Lower Upper
43 100
58 11.9 21.0 31.6#

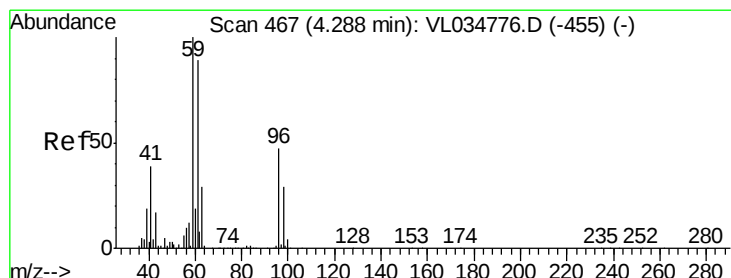
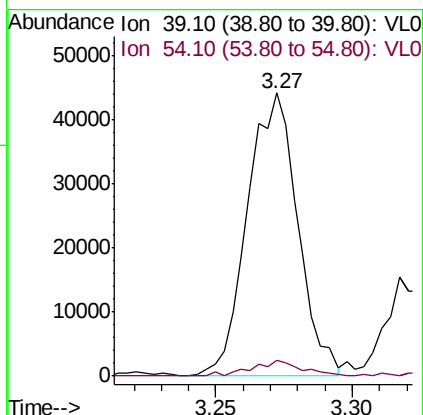
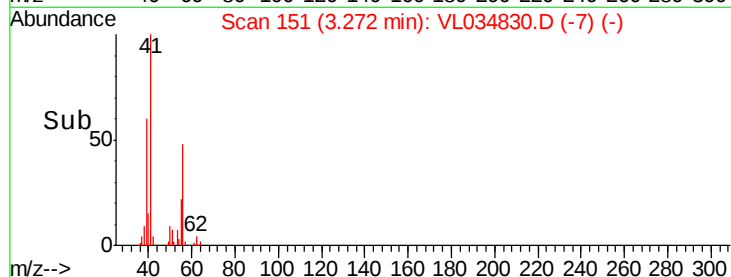
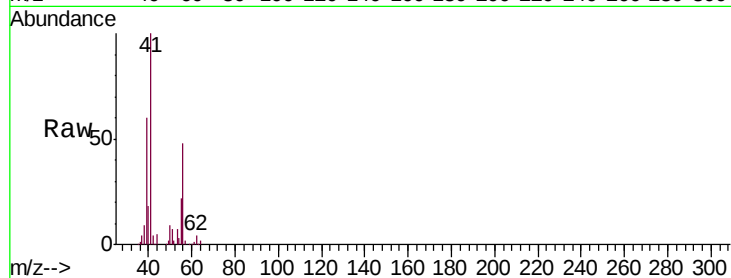




#16
 1,3-Butadiene
 Concen: 1.135 ppbv
 RT: 3.27 min Scan# 151
 Delta R.T. -0.04 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

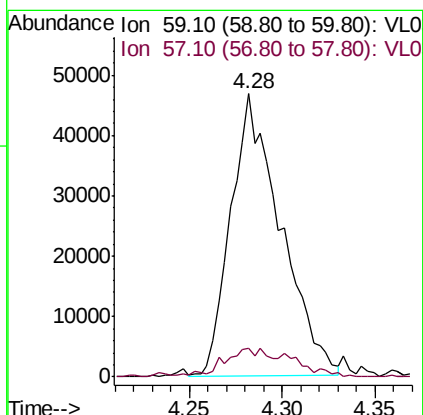
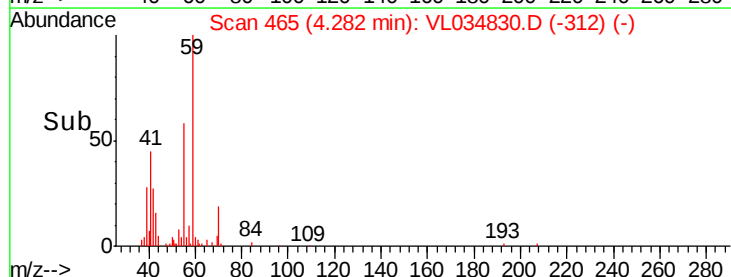
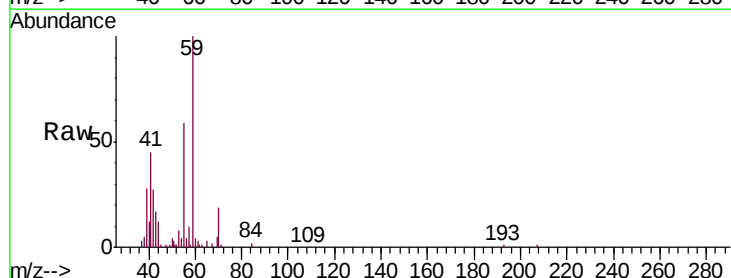
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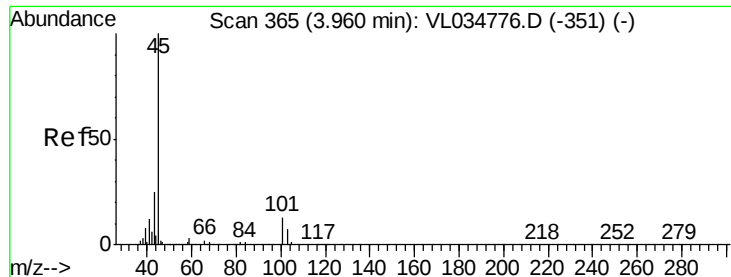
Tgt Ion: 39 Resp: 56489
 Ion Ratio Lower Upper
 39 100
 54 5.6 64.2 96.2#



#17
 tert-Butyl alcohol
 Concen: 1.009 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

Tgt Ion: 59 Resp: 87514
 Ion Ratio Lower Upper
 59 100
 57 14.2 8.6 13.0#





#19

Isopropyl Alcohol

Concen: 0.416 ppbv

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

Instrument :

MSVOA_L

ClientSampleId :

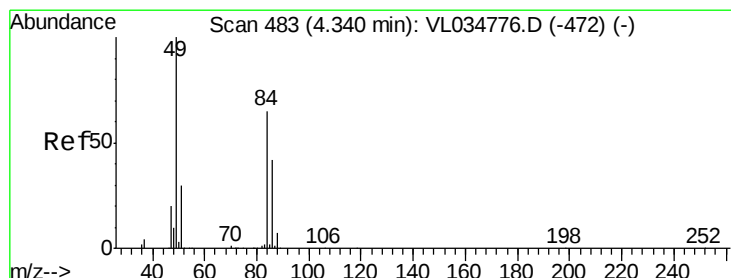
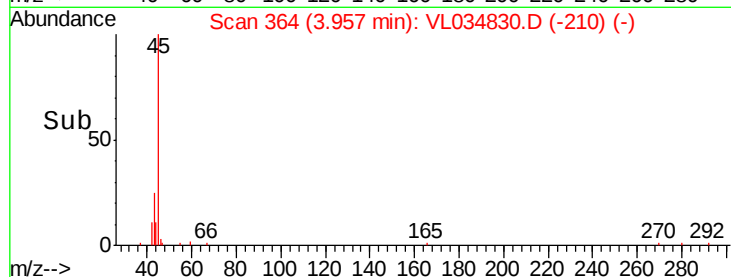
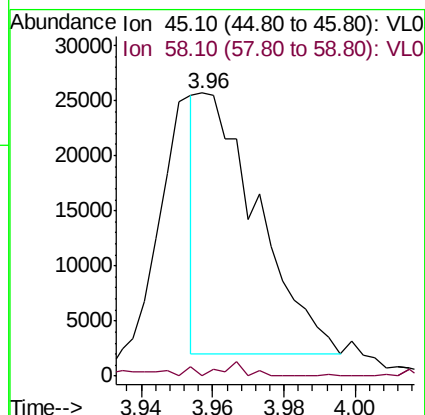
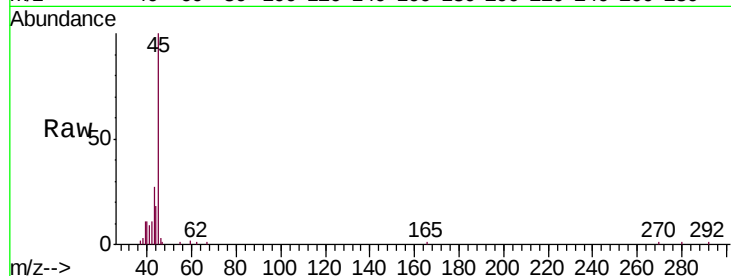
SS-3-4DL2

Tgt Ion: 45 Resp: 27411

Ion Ratio Lower Upper

45 100

58 0.0 1.8 2.8#



#20

Methylene Chloride

Concen: 1.068 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.02 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

Tgt Ion: 84 Resp: 41933

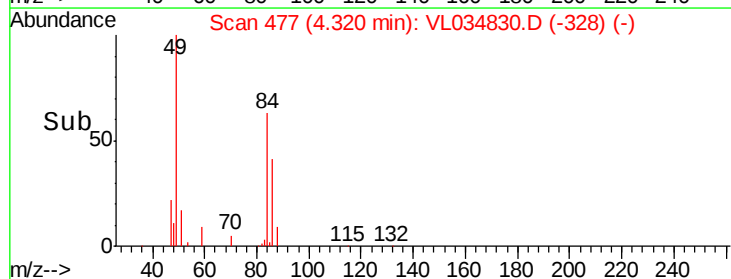
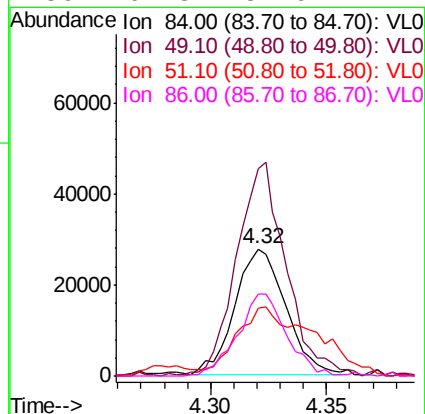
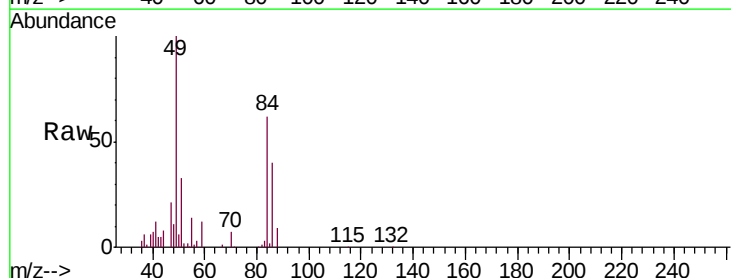
Ion Ratio Lower Upper

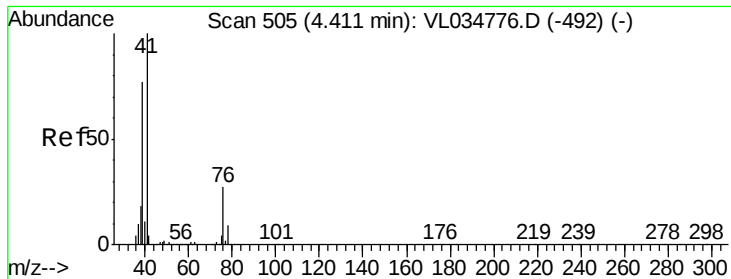
84 100

49 160.9 123.2 184.8

51 48.9 37.4 56.2

86 64.3 51.6 77.4

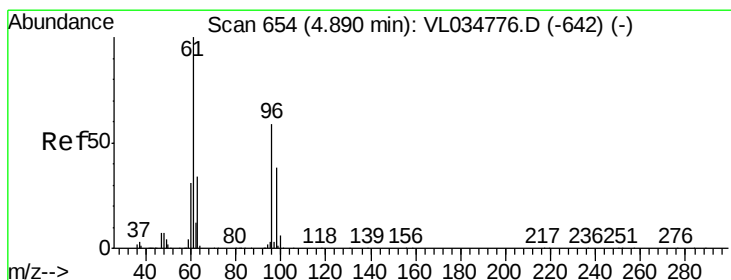
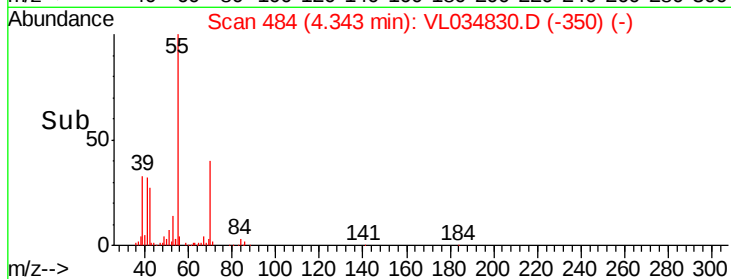
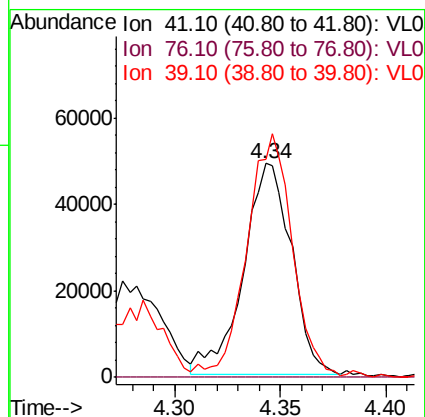
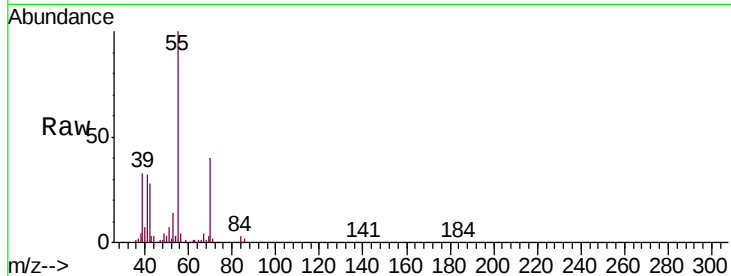




#21
 Allyl Chloride
 Concen: 1.118 ppbv
 RT: 4.34 min Scan# 484
 Delta R.T. -0.07 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

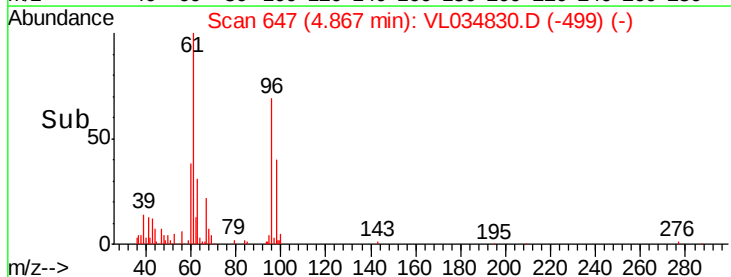
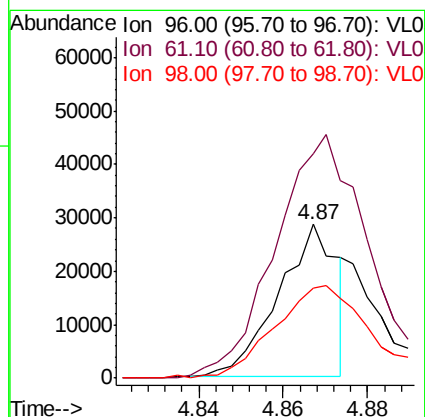
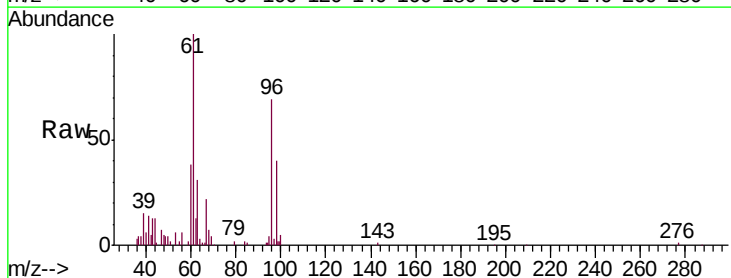
Instrument :
 MSVOA_L
 ClientSampled :
 SS-3-4DL2

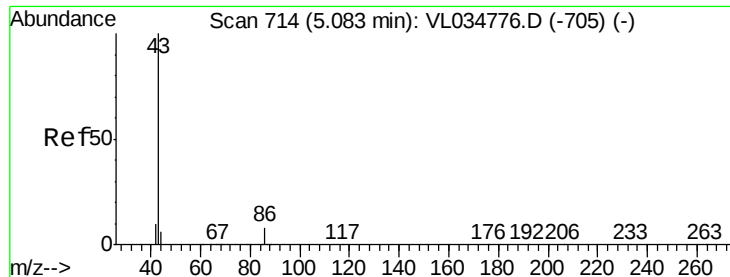
Tgt Ion: 41 Resp: 77876
 Ion Ratio Lower Upper
 41 100
 76 0.0 22.5 33.7#
 39 109.7 65.0 97.6#



#22
 trans-1,2-Dichloroethene
 Concen: 0.695 ppbv
 RT: 4.87 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

Tgt Ion: 96 Resp: 27707
 Ion Ratio Lower Upper
 96 100
 61 143.7 135.2 202.8
 98 59.2 50.8 76.2

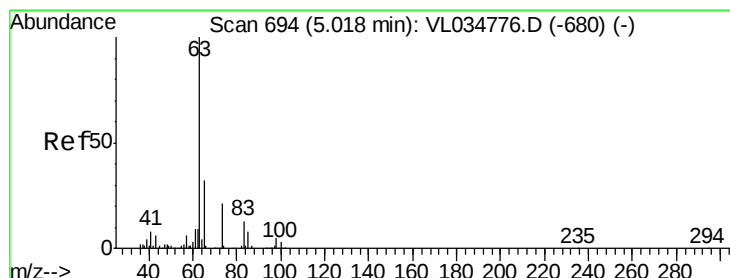
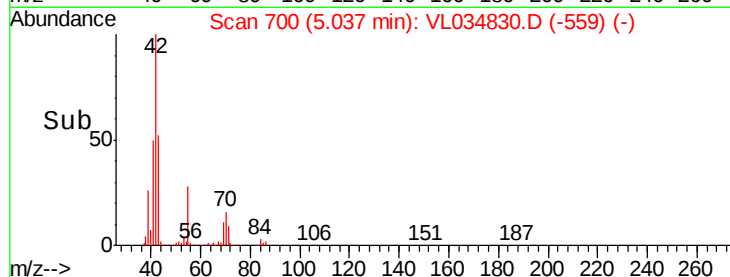
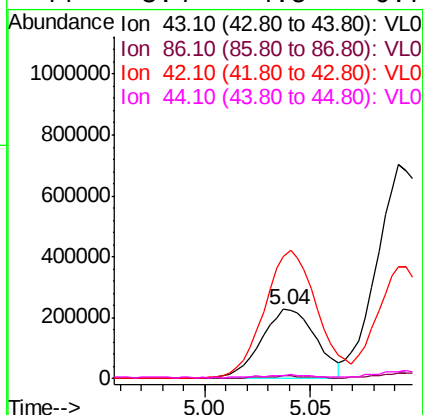
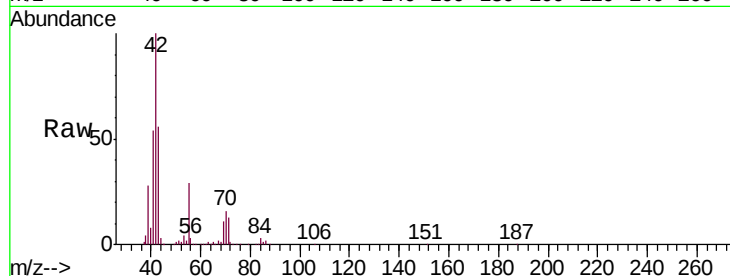




#23
 Vinyl Acetate
 Concen: 2.767 ppbv
 RT: 5.04 min Scan# 700
 Delta R.T. -0.05 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

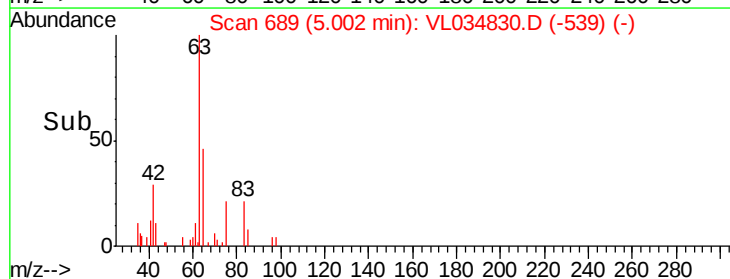
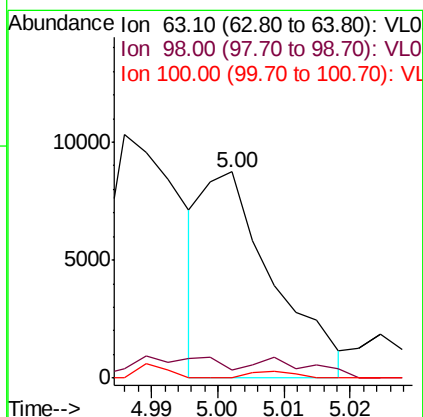
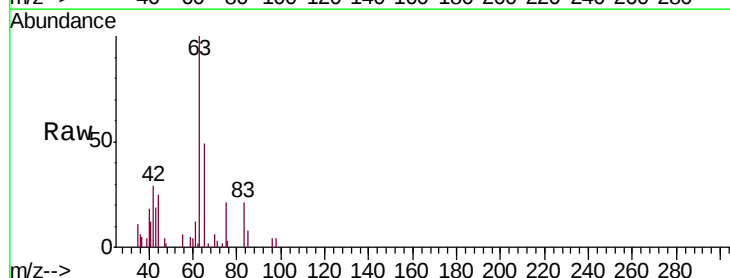
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-4DL2

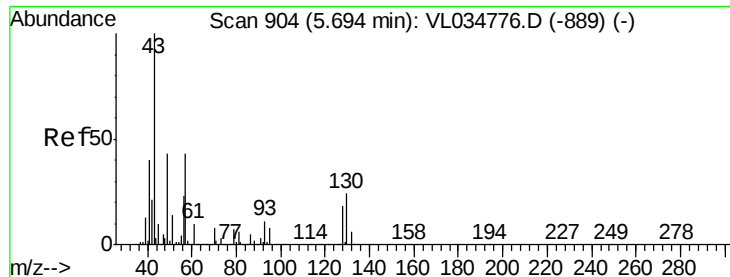
Tgt Ion:	43	Resp:	408067
Ion	Ratio	Lower	Upper
43	100		
86	3.5	5.9	8.9#
42	177.4	8.2	12.2#
44	3.4	4.5	6.7#



#24
 1,1-Dichloroethane
 Concen: 0.056 ppbv
 RT: 5.00 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

Tgt Ion:	63	Resp:	6398
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.3	6.8#
100	0.0	1.5	4.4#

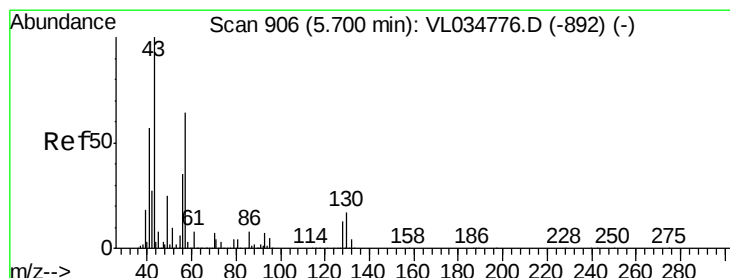
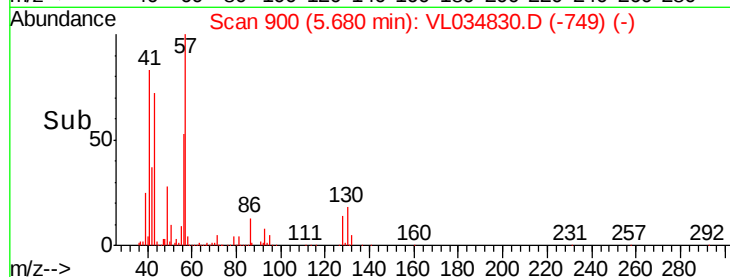
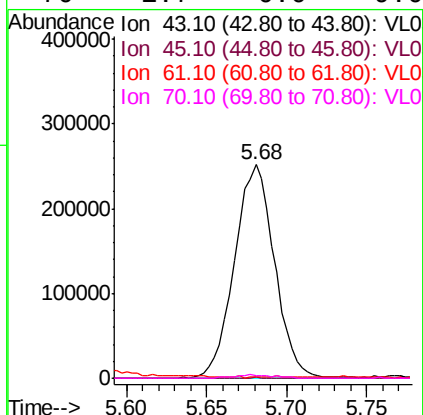
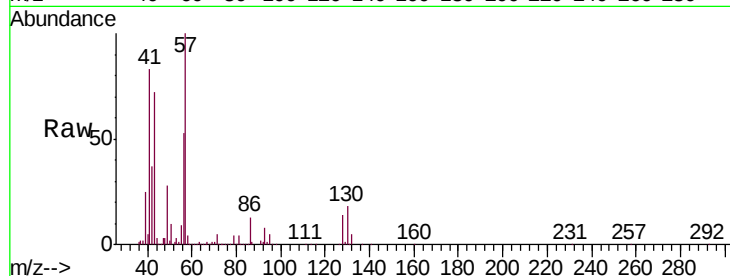




#25
Ethyl Acetate
Concen: 2.235 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

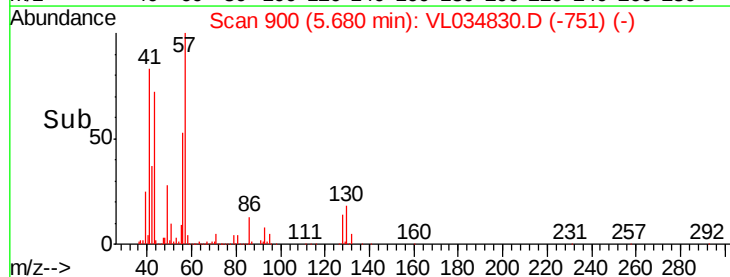
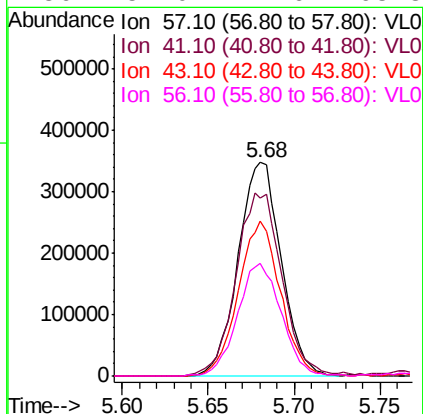
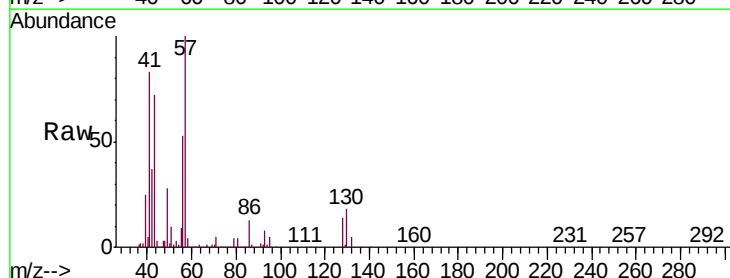
Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL2

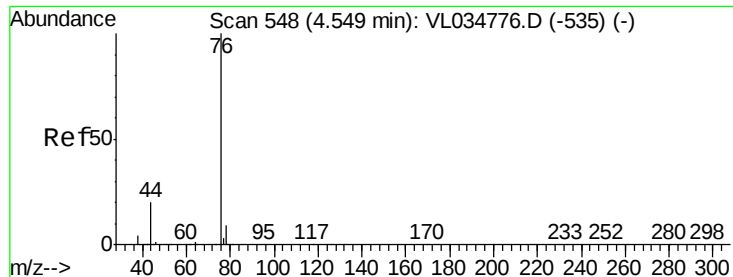
Tgt Ion:	43	Resp:	424857
Ion	Ratio	Lower	Upper
43	100		
45	0.3	8.2	12.4#
61	0.0	7.5	11.3#
70	1.7	6.0	9.0#



#26
Hexane
Concen: 7.220 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.02 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

Tgt Ion:	57	Resp:	599476
Ion	Ratio	Lower	Upper
57	100		
41	92.6	72.0	108.0
43	71.6	179.1	268.7#
56	54.0	42.6	63.8





#27

Carbon Disulfide

Concen: 1.223 ppbv

RT: 4.53 min Scan# 542

Delta R.T. -0.02 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4DL2

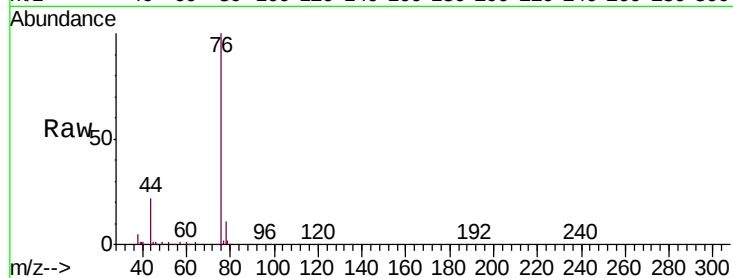
Tgt Ion: 76 Resp: 118620

Ion Ratio Lower Upper

76 100

44 32.3 16.1 24.1#

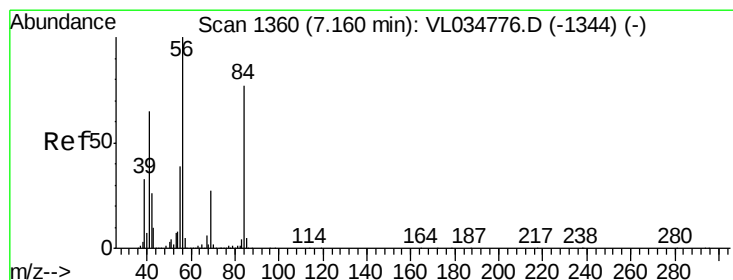
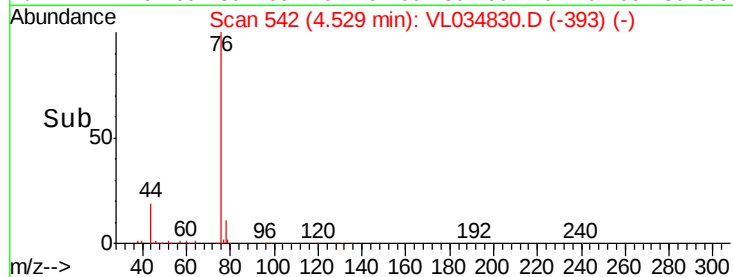
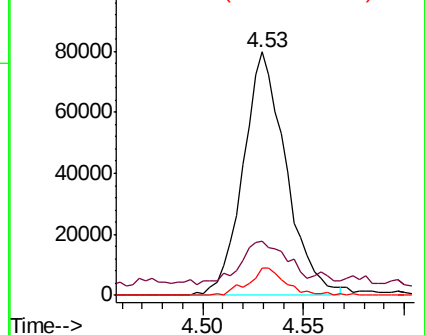
78 9.9 7.5 11.3



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



#30

Cyclohexane

Concen: 1.207 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. -0.03 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

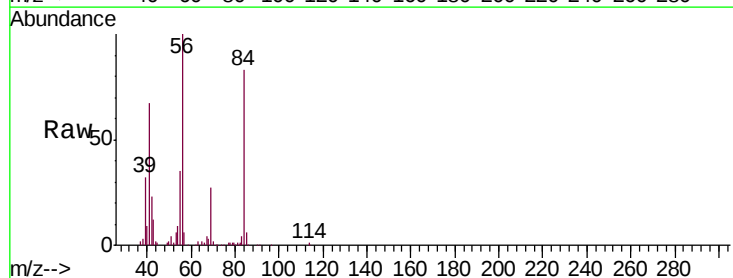
Tgt Ion: 84 Resp: 76658

Ion Ratio Lower Upper

84 100

56 351.1 113.2 169.8#

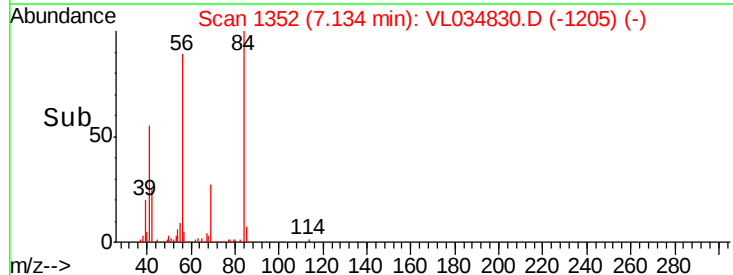
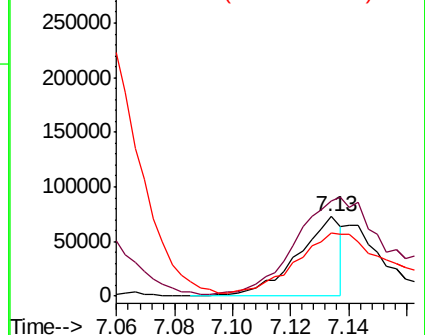
41 180.4 70.2 105.4#

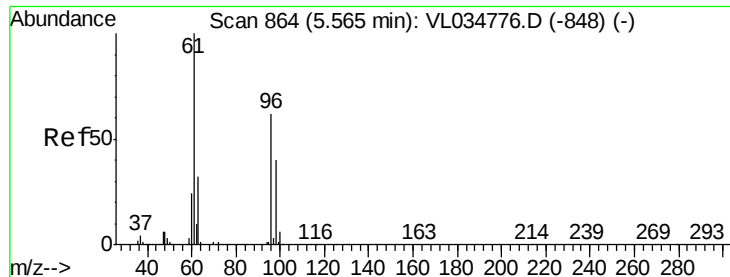


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#31

cis-1,2-Dichloroethene

Concen: 17.170 ppbv

RT: 5.54 min Scan# 856

Delta R.T. -0.03 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4DL2

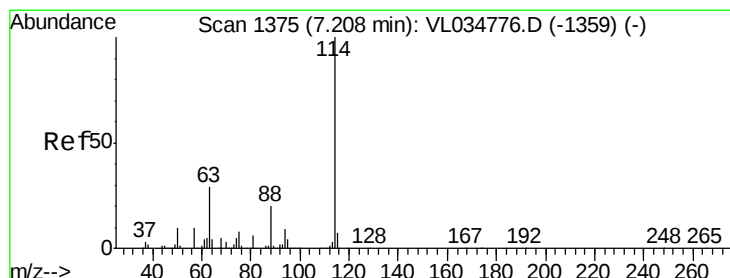
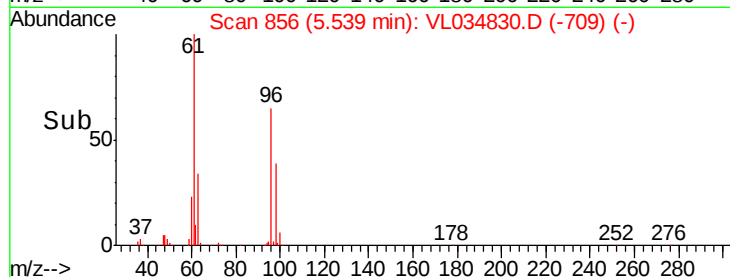
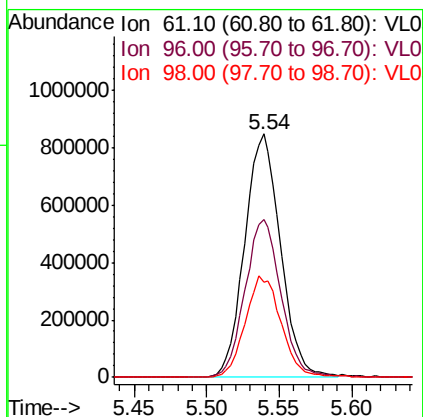
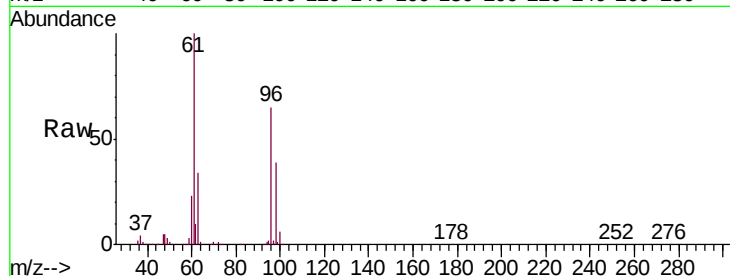
Tgt Ion: 61 Resp: 1462279

Ion Ratio Lower Upper

61 100

96 64.7 49.7 74.5

98 39.3 31.9 47.9



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.03 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

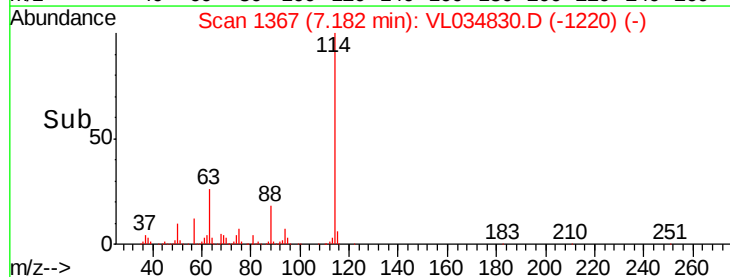
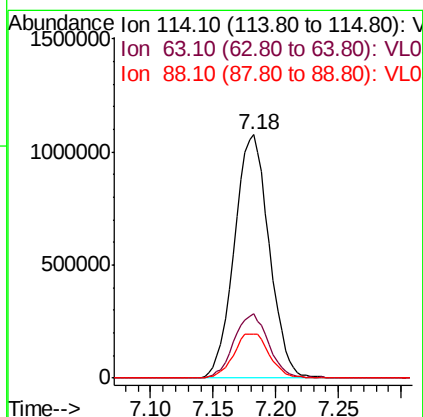
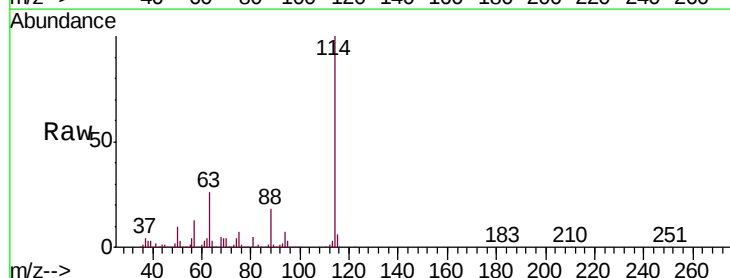
Tgt Ion: 114 Resp: 2079057

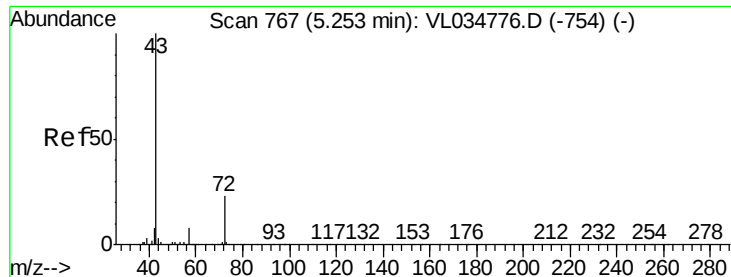
Ion Ratio Lower Upper

114 100

63 26.7 23.6 35.4

88 18.8 15.8 23.8

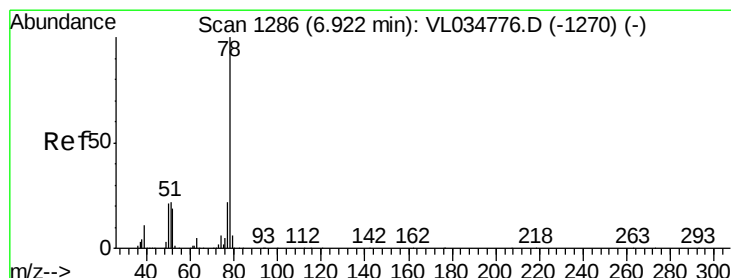
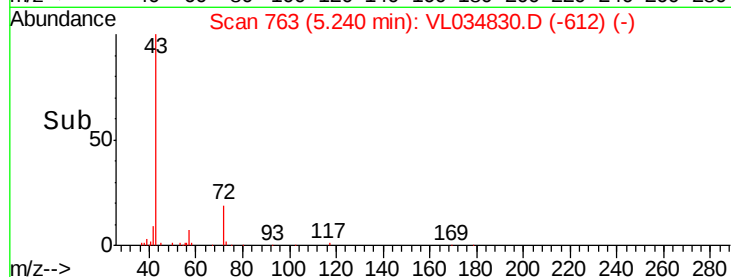
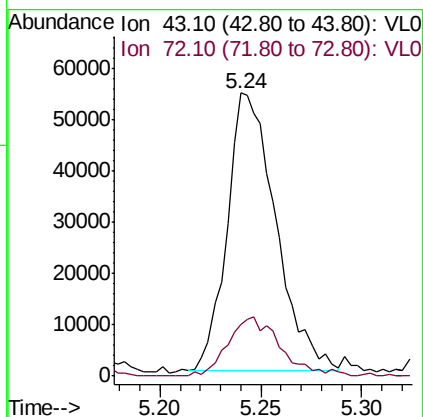
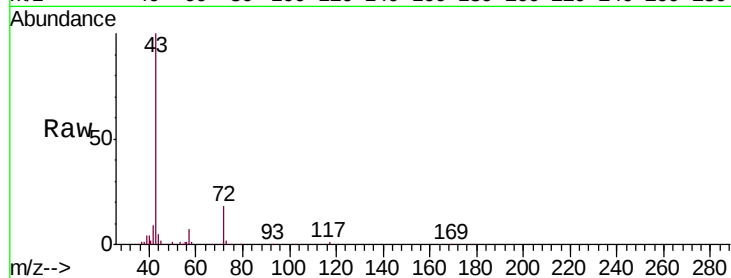




#34
2-Butanone
Concen: 0.671 ppbv
RT: 5.24 min Scan# 763
Delta R.T. -0.01 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

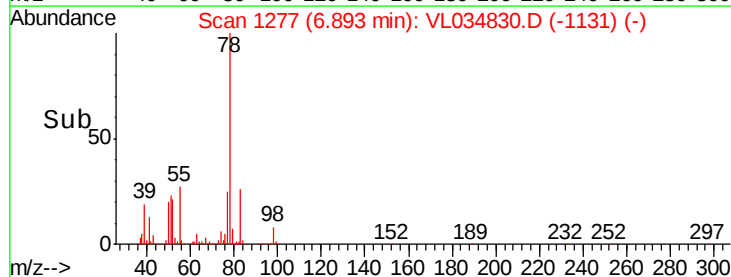
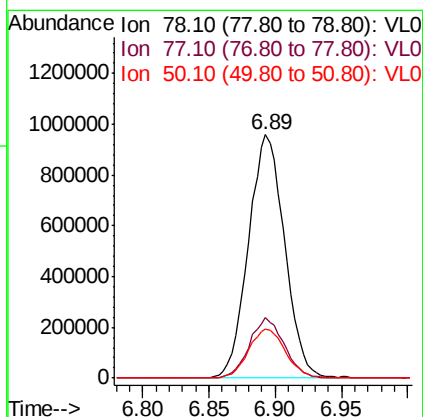
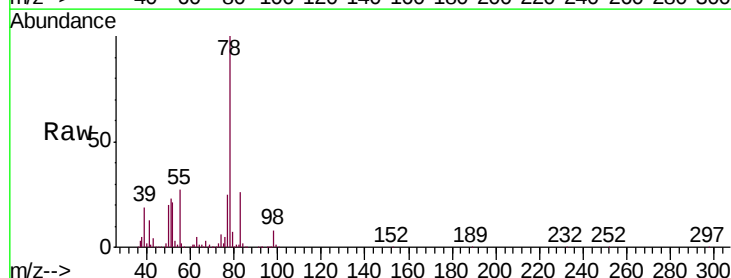
Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL2

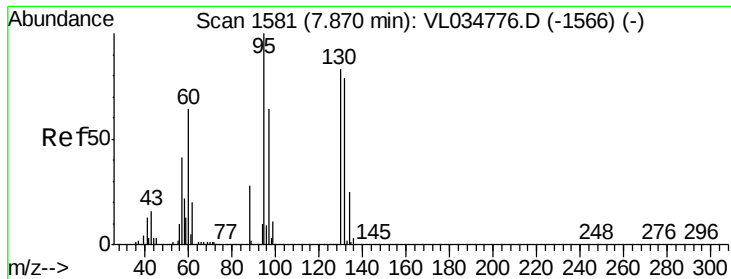
Tgt Ion: 43 Resp: 90760
Ion Ratio Lower Upper
43 100
72 23.3 17.5 26.3



#36
Benzene
Concen: 10.262 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.03 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

Tgt Ion: 78 Resp: 1823142
Ion Ratio Lower Upper
78 100
77 24.5 18.0 27.0
50 20.2 16.9 25.3





#38

Trichloroethene

Concen: 0.672 ppbv

RT: 7.85 min Scan# 1574

Delta R.T. -0.02 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

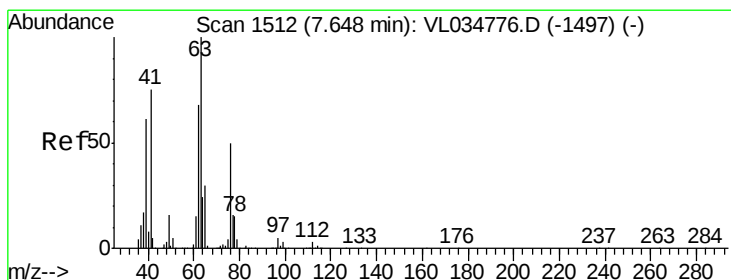
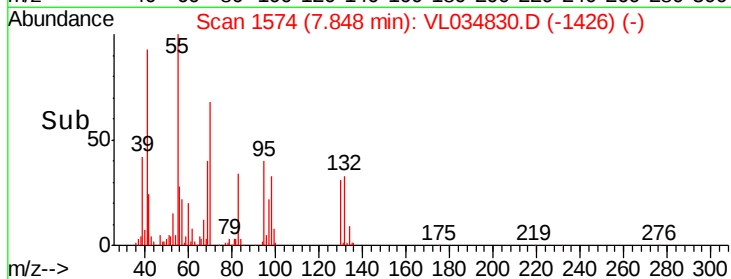
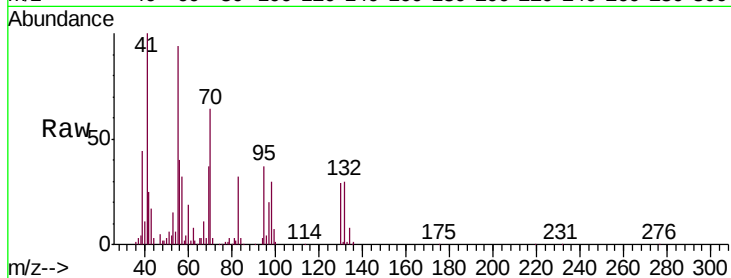
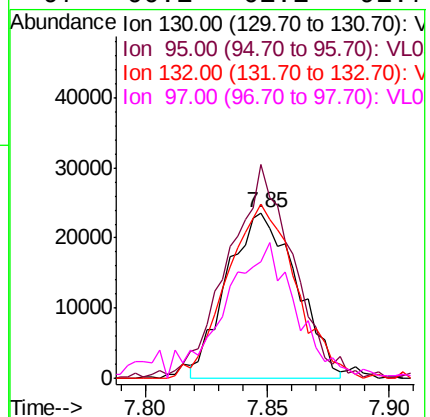
Instrument :

MSVOA_L

ClientSampleId :

SS-3-4DL2

Tgt Ion:	130	Resp:	46565
Ion	Ratio	Lower	Upper
130	100		
95	121.2	95.8	143.8
132	103.6	76.1	114.1
97	66.1	61.1	91.7



#39

1,2-Dichloropropane

Concen: 7.524 ppbv

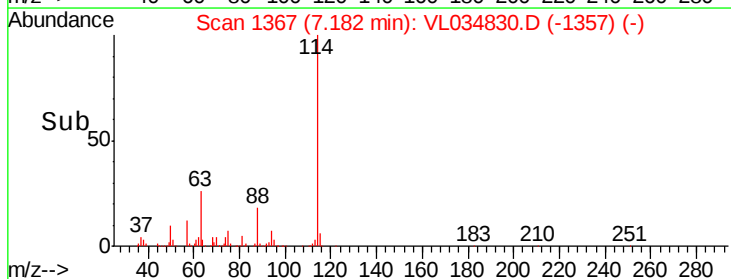
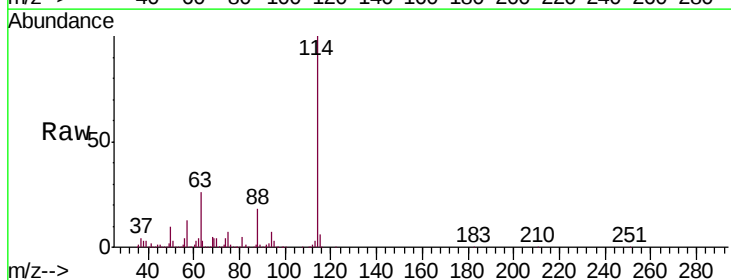
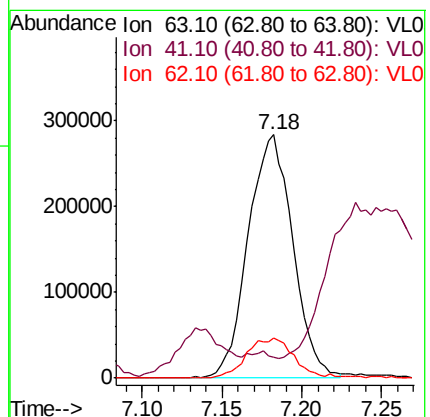
RT: 7.18 min Scan# 1367

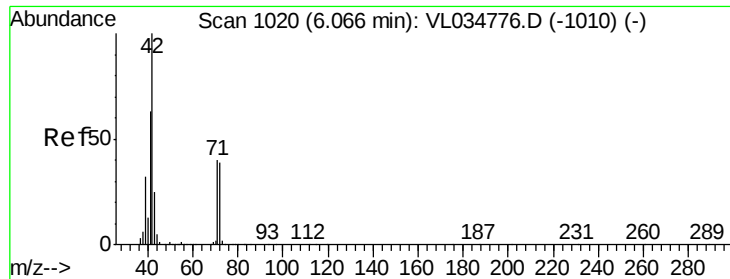
Delta R.T. -0.47 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

Tgt Ion:	63	Resp:	539449
Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.3	90.5#
62	16.5	54.5	81.7#

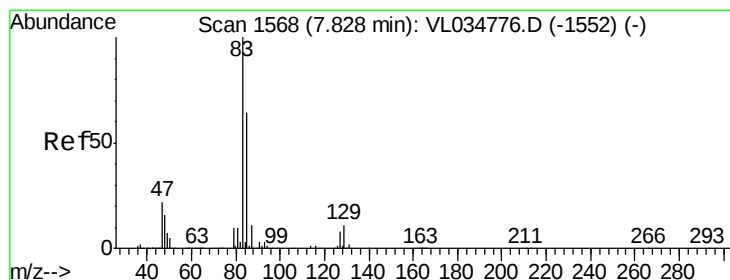
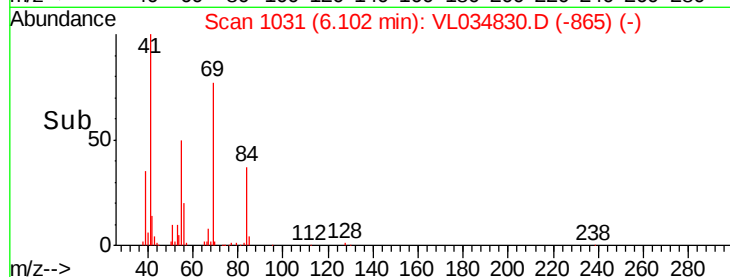
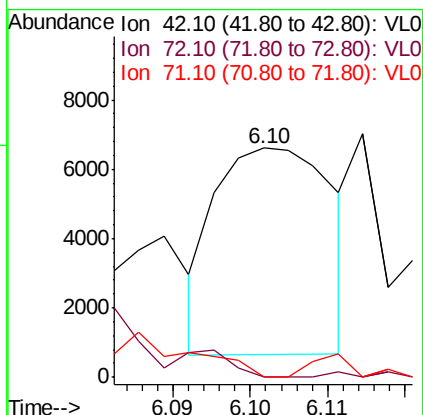
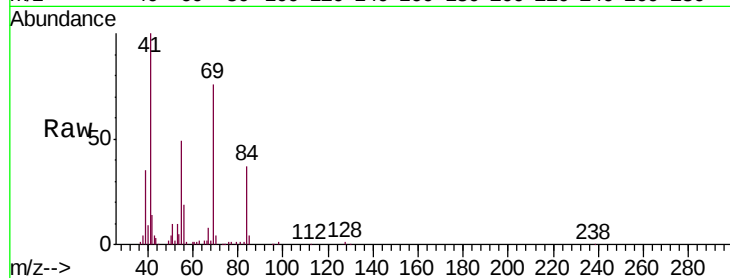




#41
Tetrahydrofuran
Concen: 0.090 ppbv
RT: 6.10 min Scan# 1031
Delta R.T. 0.04 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

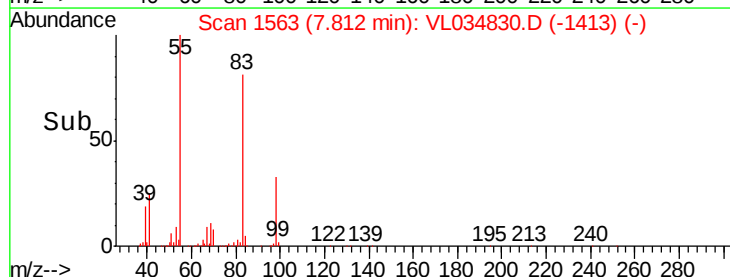
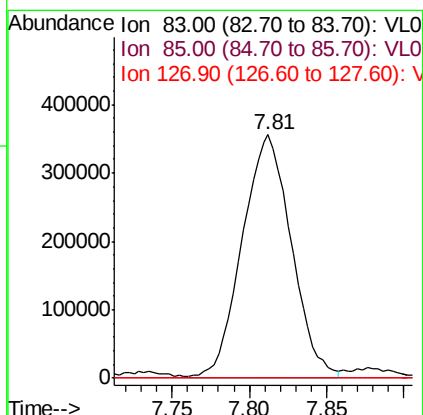
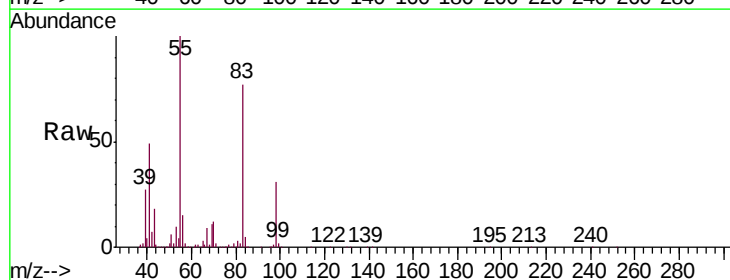
Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL2

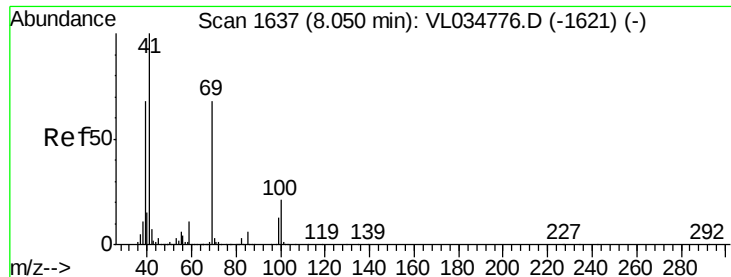
Tgt Ion: 42 Resp: 6235
Ion Ratio Lower Upper
42 100
72 32.3 32.0 48.0
71 33.7 31.3 46.9



#42
Bromodichloromethane
Concen: 5.104 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. -0.02 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

Tgt Ion: 83 Resp: 783671
Ion Ratio Lower Upper
83 100
85 0.1 50.8 76.2#
127 0.0 6.5 9.7#

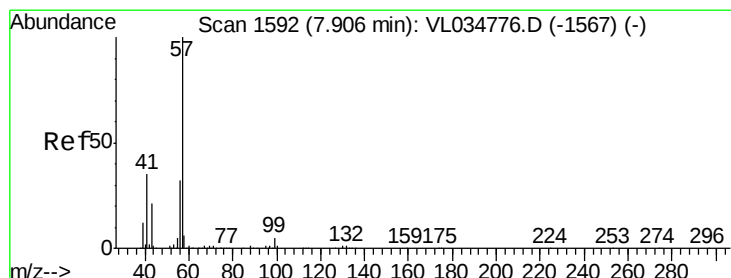
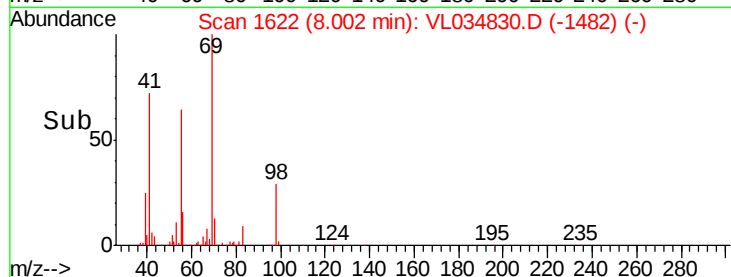
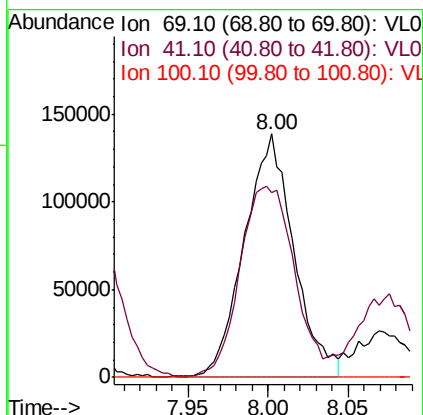
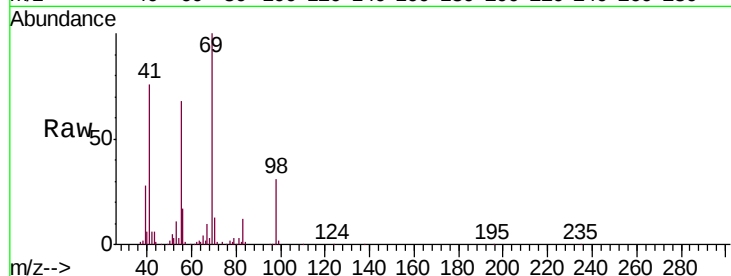




#43
Methyl Methacrylate
Concen: 3.904 ppbv
RT: 8.00 min Scan# 1622
Delta R.T. -0.05 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

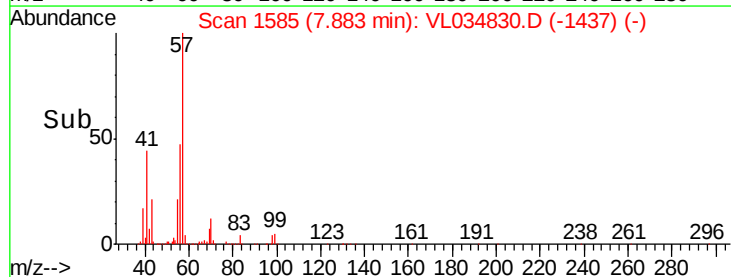
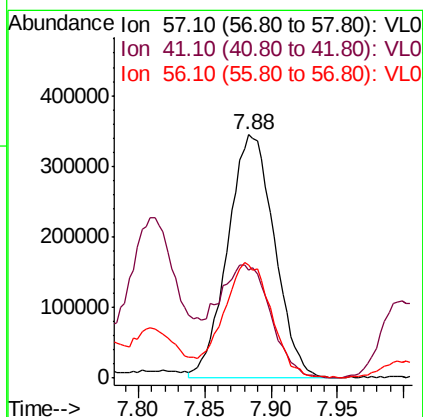
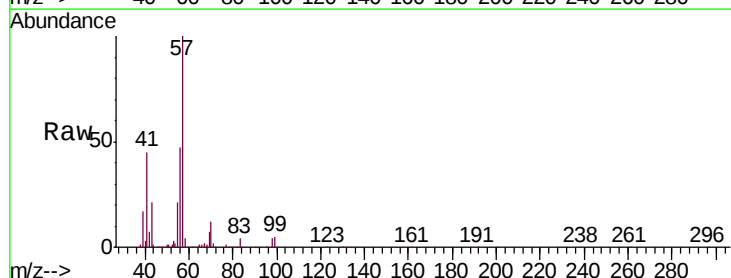
Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL2

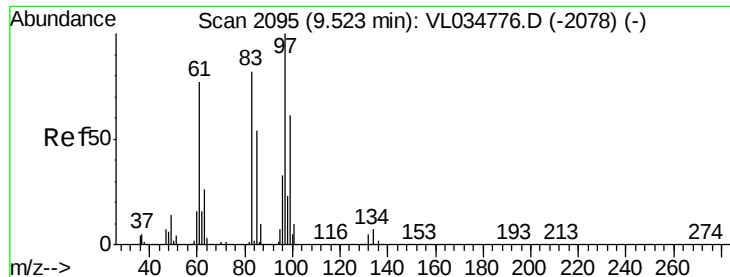
Tgt Ion: 69 Resp: 293907
Ion Ratio Lower Upper
69 100
41 84.7 121.6 182.4#
100 0.0 23.8 35.8#



#44
2,2,4-Trimethylpentane
Concen: 2.697 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. -0.02 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

Tgt Ion: 57 Resp: 837219
Ion Ratio Lower Upper
57 100
41 57.4 27.4 41.0#
56 49.7 25.0 37.6#

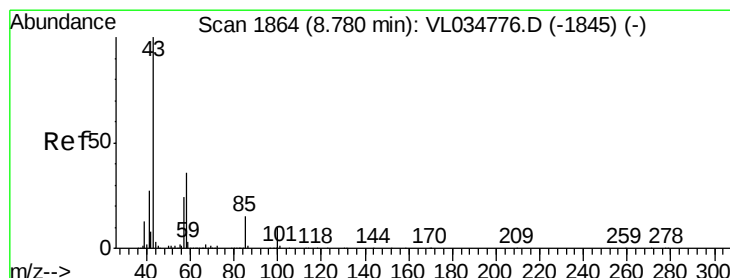
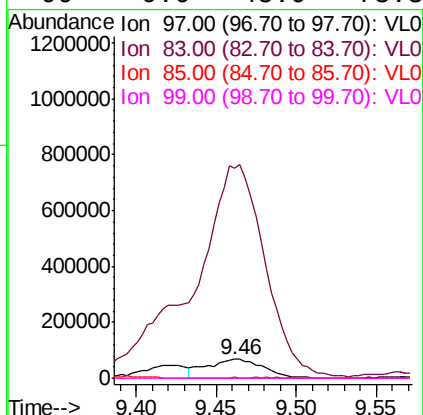
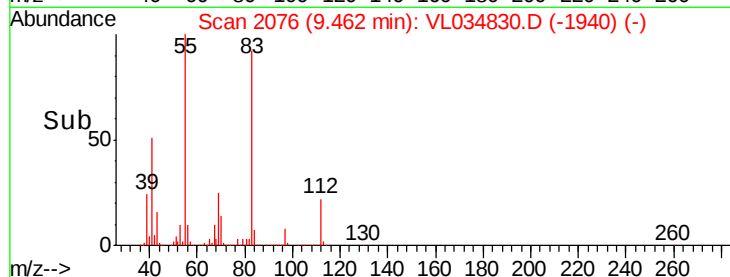
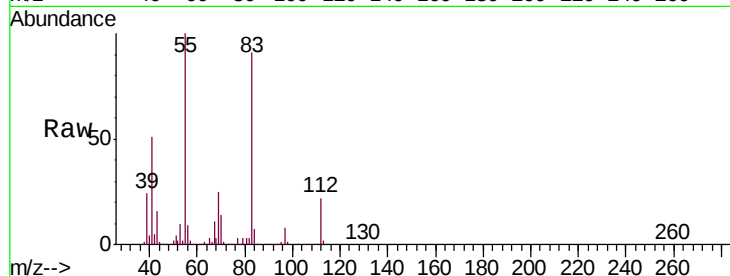




#47
 1,1,2-Trichloroethane
 Concen: 2.152 ppbv
 RT: 9.46 min Scan# 2076
 Delta R.T. -0.06 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

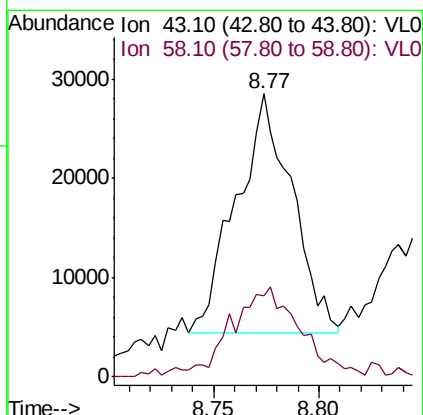
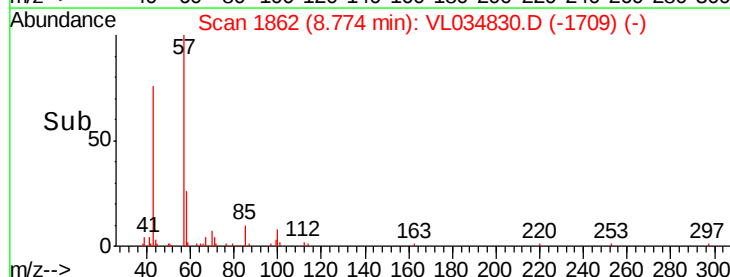
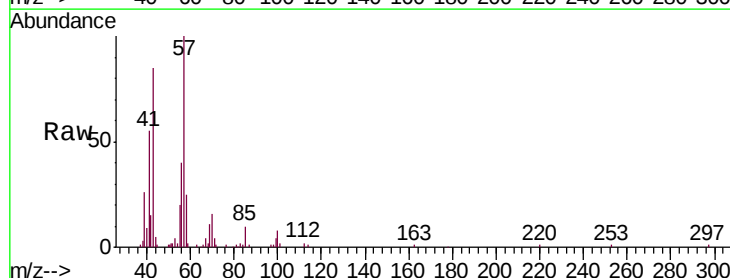
Instrument :
 MSVOA_L
 ClientSampleID :
 SS-3-4DL2

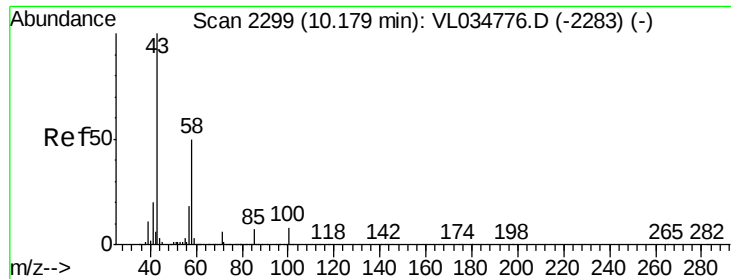
Tgt Ion: 97 Resp: 162902
 Ion Ratio Lower Upper
 97 100
 83 1098.6 65.2 97.8#
 85 3.7 43.6 65.4#
 99 0.0 48.9 73.3#



#50
 4-Methyl-2-Pentanone
 Concen: 0.227 ppbv
 RT: 8.77 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

Tgt Ion: 43 Resp: 44000
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.7 43.1#

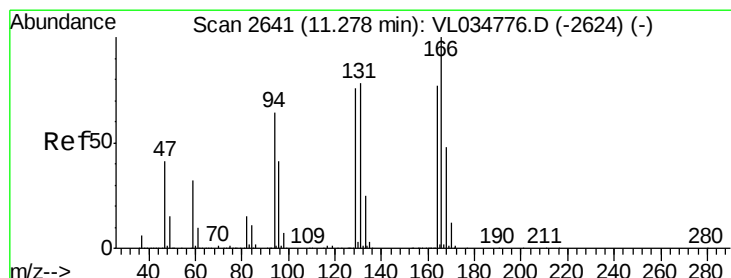
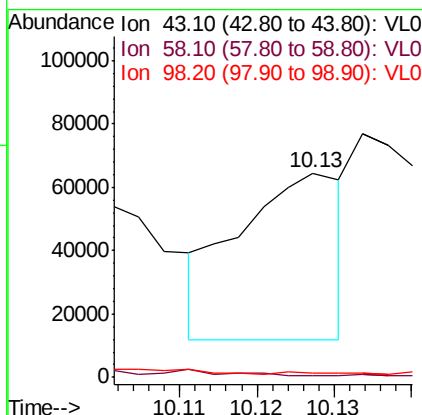
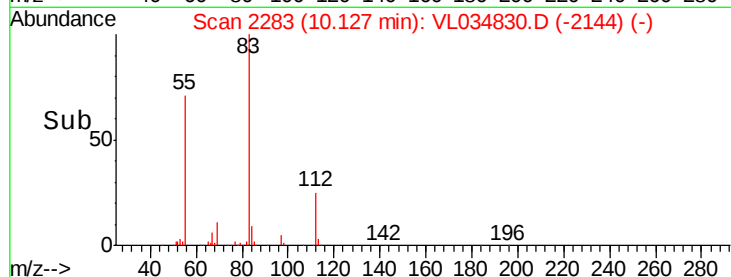
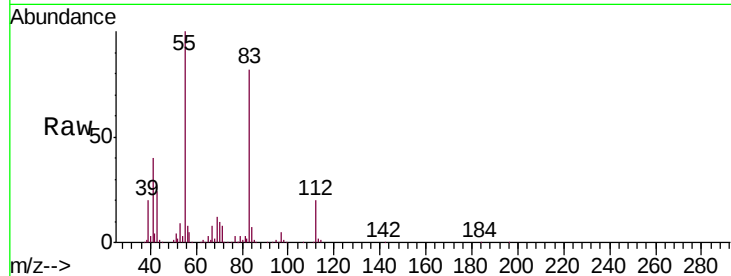




#51
2-Hexanone
Concen: 0.325 ppbv
RT: 10.13 min Scan# 2283
Delta R.T. -0.05 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

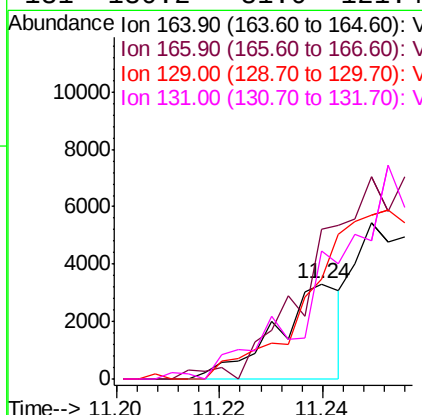
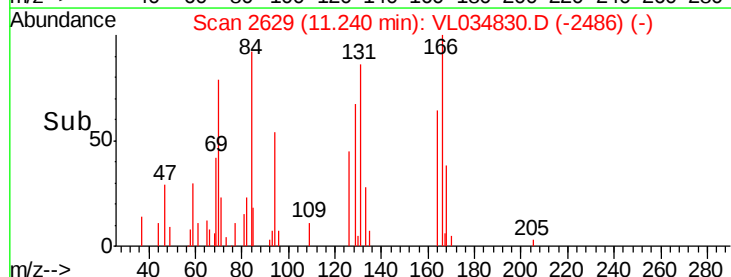
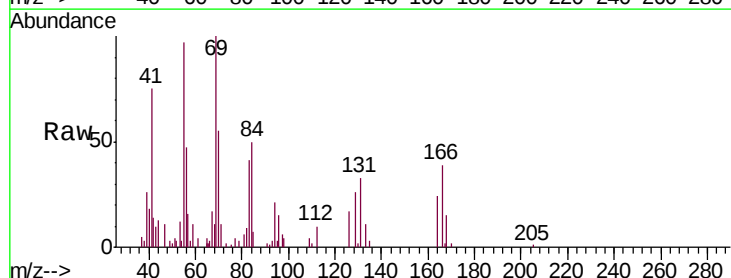
Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL2

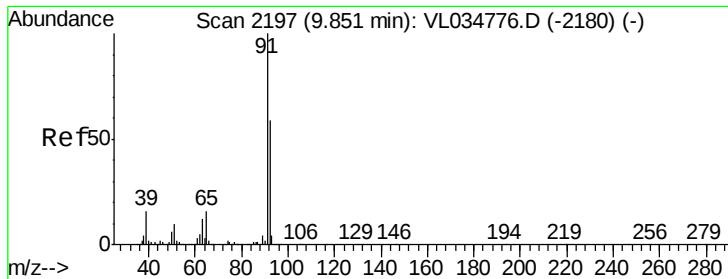
Tgt Ion: 43 Resp: 49419
Ion Ratio Lower Upper
43 100
58 0.0 38.6 58.0#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.044 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. -0.04 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

Tgt Ion: 164 Resp: 2919
Ion Ratio Lower Upper
164 100
166 147.9 103.3 154.9
129 105.7 79.0 118.4
131 130.2 81.0 121.4#





#53

Toluene

Concen: 4.473 ppbv

RT: 9.83 min Scan# 2191

Delta R.T. -0.02 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

Instrument :

MSVOA_L

ClientSampleId :

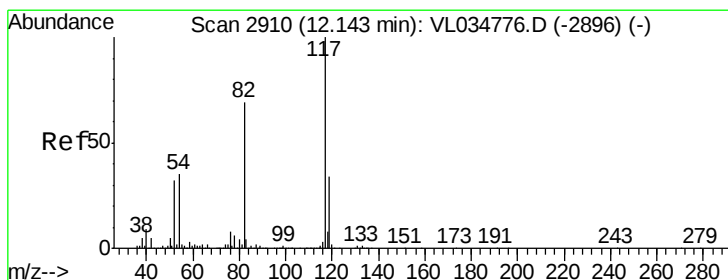
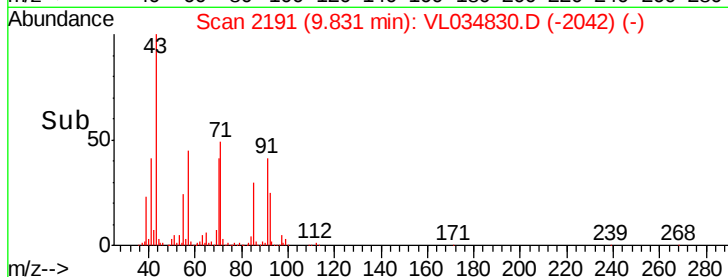
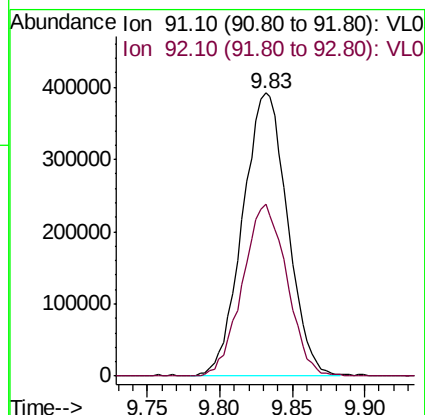
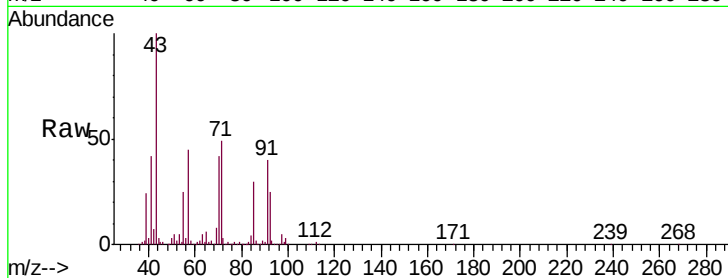
SS-3-4DL2

Tgt Ion: 91 Resp: 841111

Ion Ratio Lower Upper

91 100

92 60.4 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2902

Delta R.T. -0.03 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

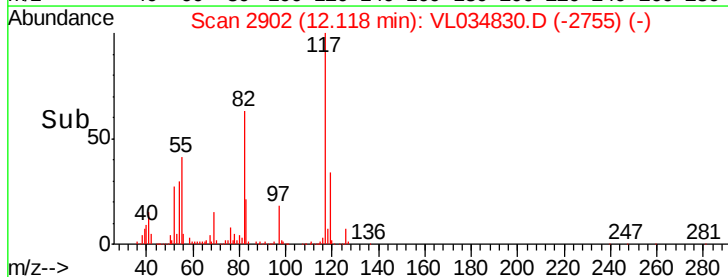
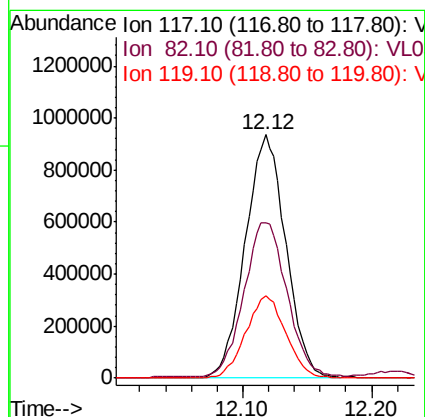
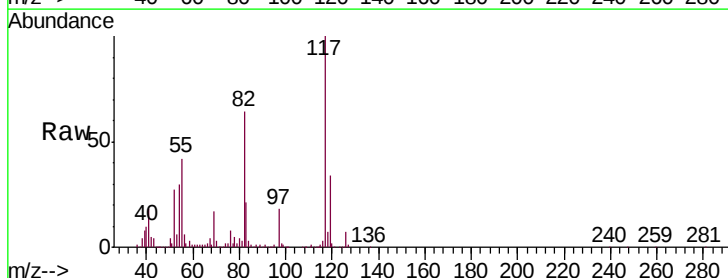
Tgt Ion: 117 Resp: 2047299

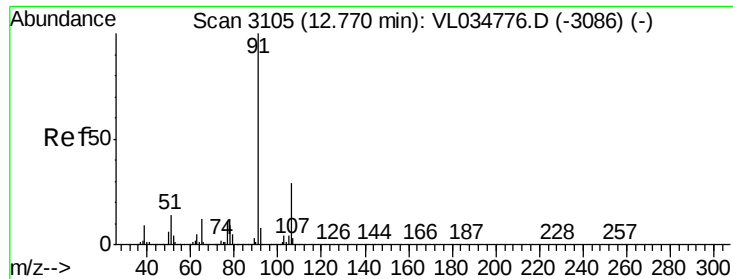
Ion Ratio Lower Upper

117 100

82 69.1 53.9 80.9

119 33.6 25.0 37.4





#58

Ethyl Benzene

Concen: 9.348 ppbv

RT: 12.74 min Scan# 3097

Delta R.T. -0.03 min

Lab File: VL034830.D

Acq: 7 Mar 2020 1:01

Instrument :

MSVOA_L

ClientSampleId :

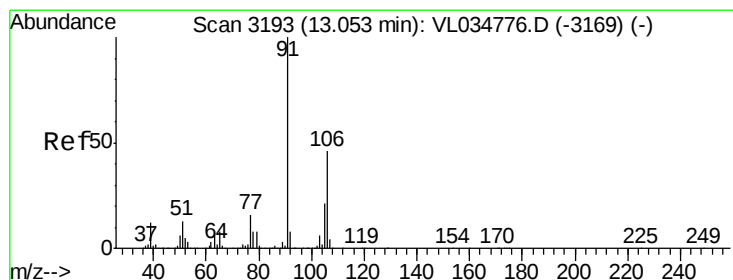
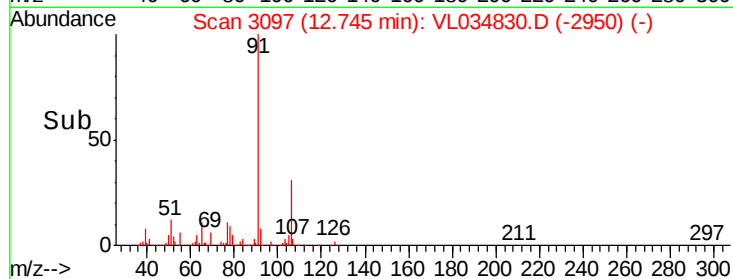
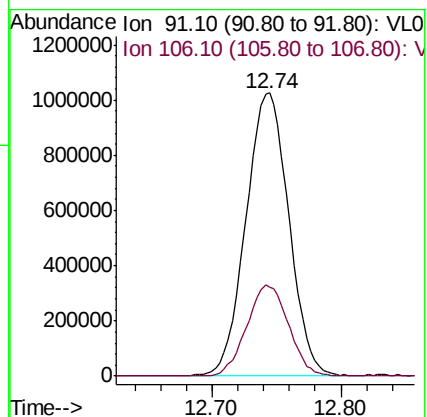
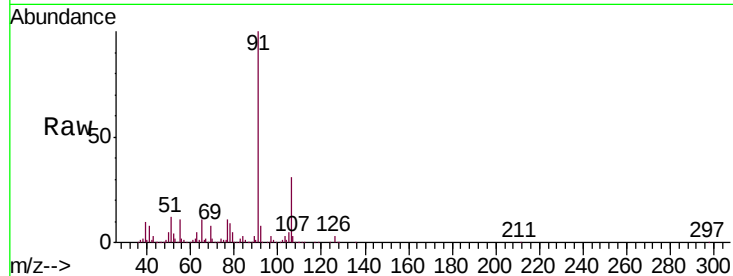
SS-3-4DL2

Tgt Ion: 91 Resp: 2358399

Ion Ratio Lower Upper

91 100

106 31.4 22.8 34.2



#59

m/p-Xylene

Concen: 29.196 ppbv

RT: 13.00 min Scan# 3177

Delta R.T. -0.05 min

Lab File: VL034830.D

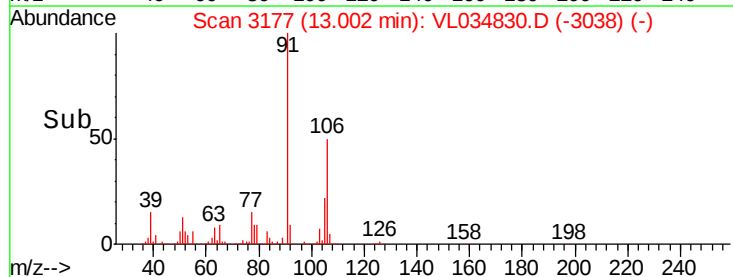
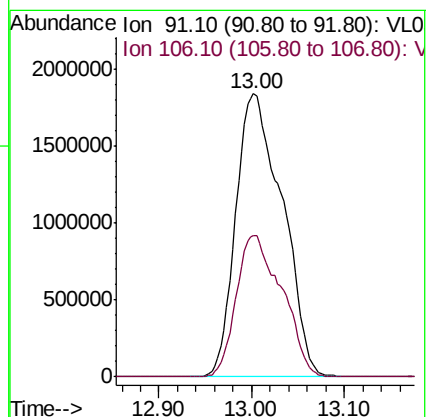
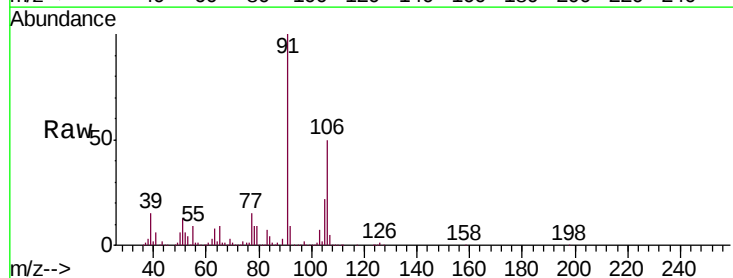
Acq: 7 Mar 2020 1:01

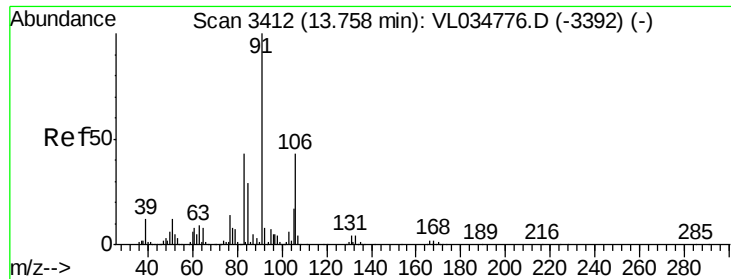
Tgt Ion: 91 Resp: 6376477

Ion Ratio Lower Upper

91 100

106 49.5 35.8 53.8

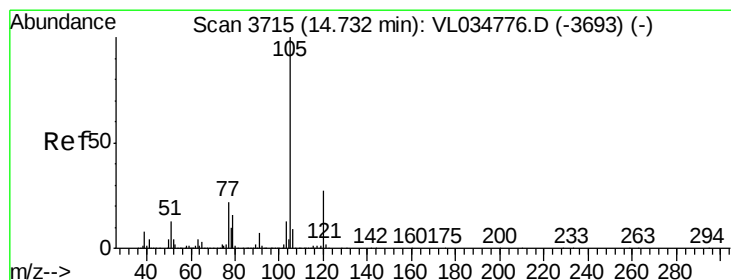
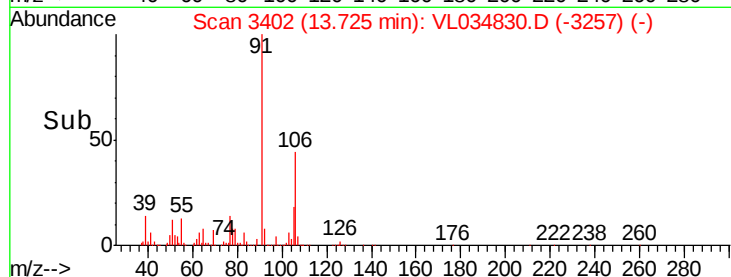
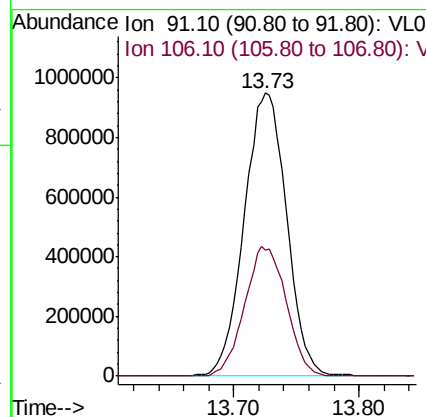
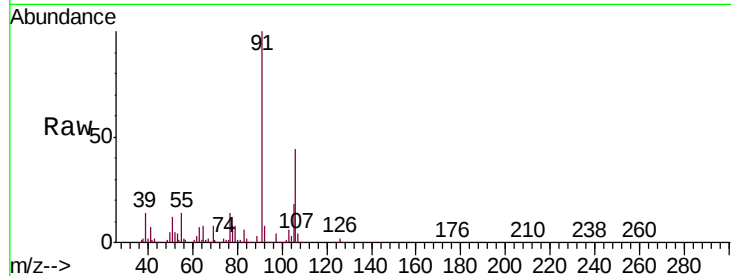




#60
o-Xylene
Concen: 10.001 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. -0.03 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

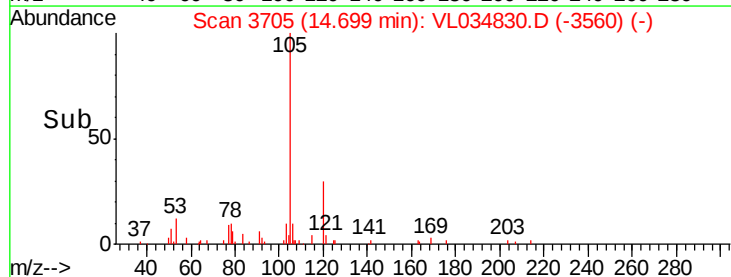
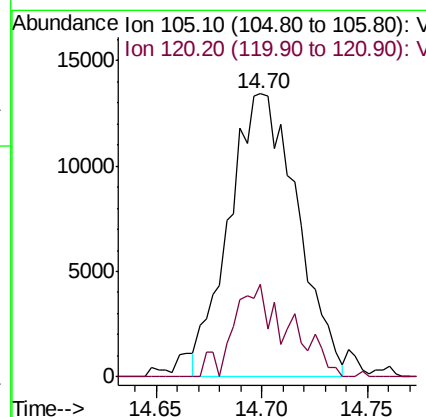
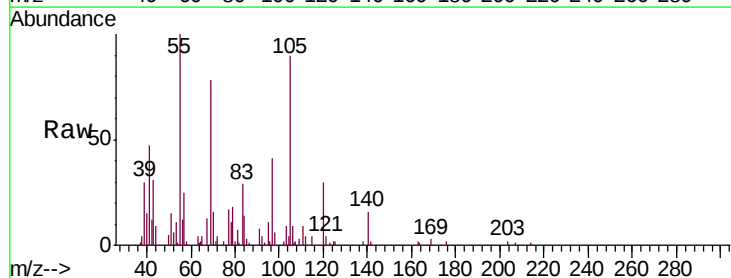
Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL2

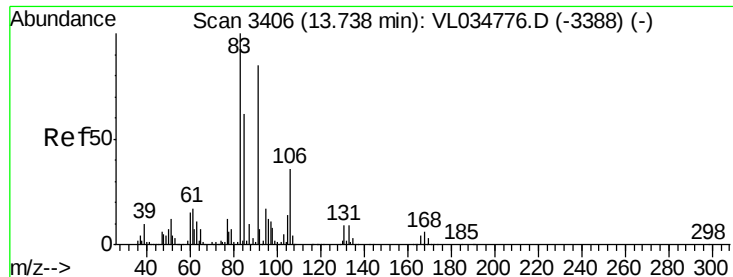
Tgt Ion: 91 Resp: 2209834
Ion Ratio Lower Upper
91 100
106 45.5 21.7 65.1



#62
Isopropylbenzene
Concen: 0.093 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. -0.03 min
Lab File: VL034830.D
Acq: 7 Mar 2020 1:01

Tgt Ion: 105 Resp: 30101
Ion Ratio Lower Upper
105 100
120 26.9 20.5 30.7

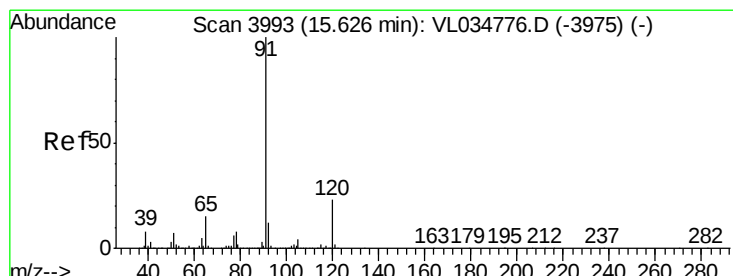
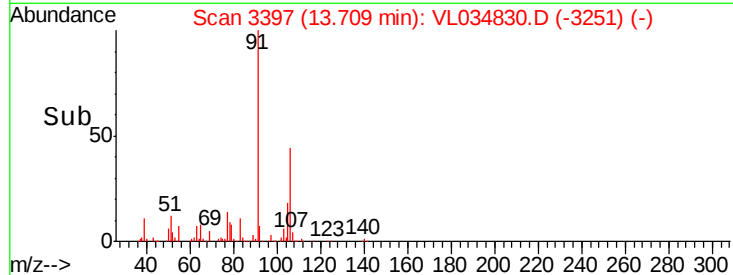
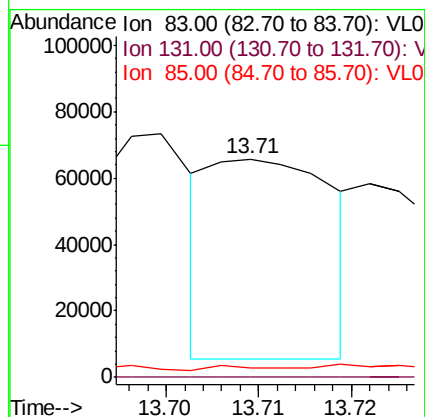
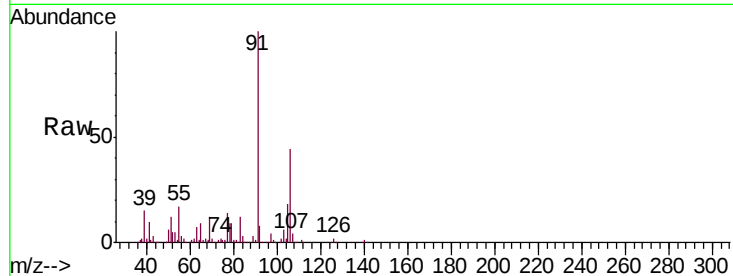




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.315 ppbv
 RT: 13.71 min Scan# 3397
 Delta R.T. -0.03 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

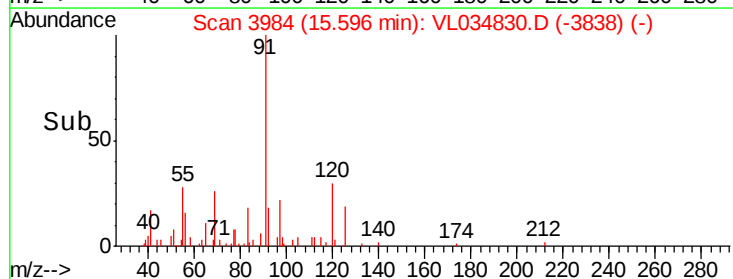
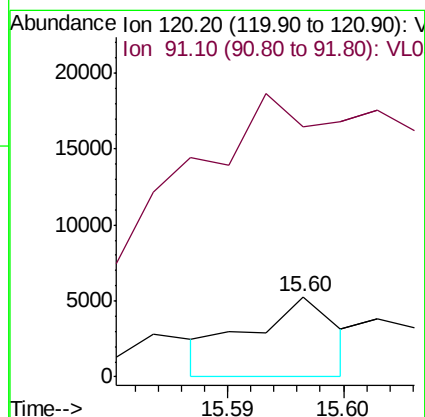
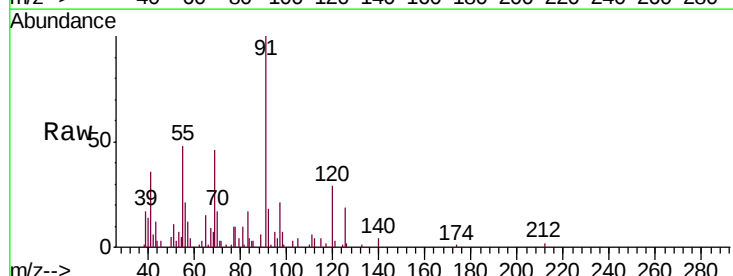
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-4DL2

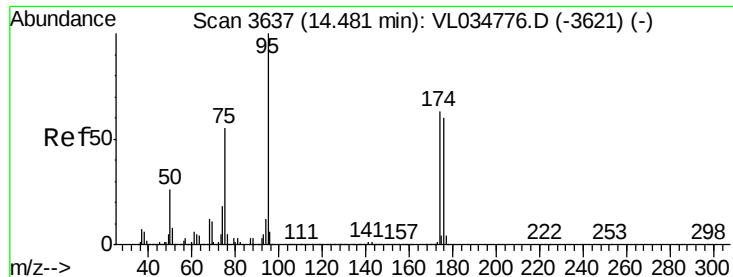
Tgt Ion: 83 Resp: 54919
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.7 14.0#
 85 0.0 32.9 98.7#



#64
 n-propylbenzene
 Concen: 0.034 ppbv
 RT: 15.60 min Scan# 3984
 Delta R.T. -0.03 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

Tgt Ion: 120 Resp: 2755
 Ion Ratio Lower Upper
 120 100
 91 1555.1 379.4 569.2#

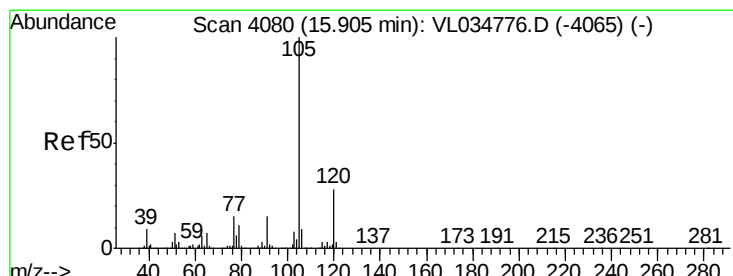
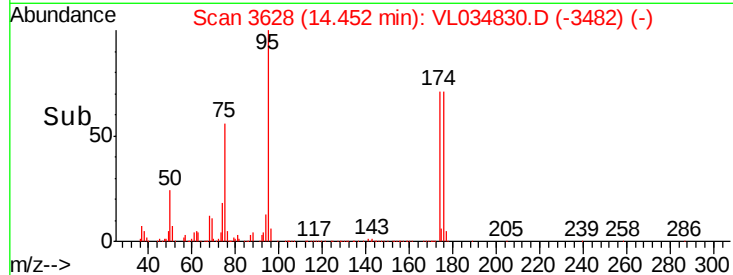
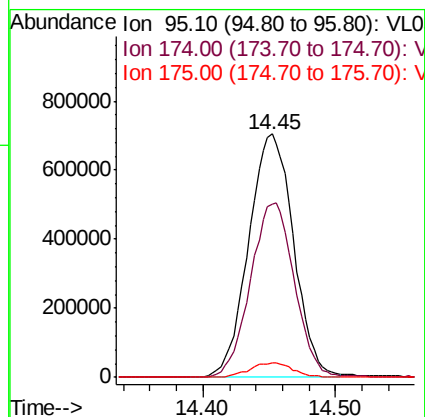
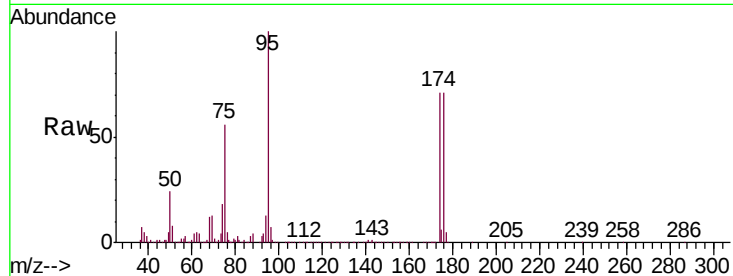




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.747 ppbv
 RT: 14.45 min Scan# 3628
 Delta R.T. -0.03 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

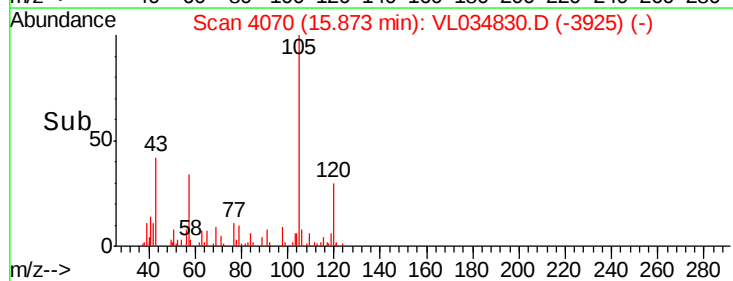
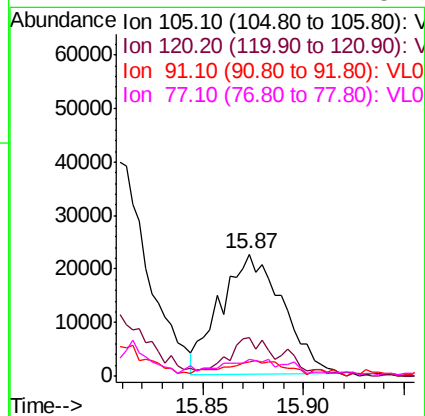
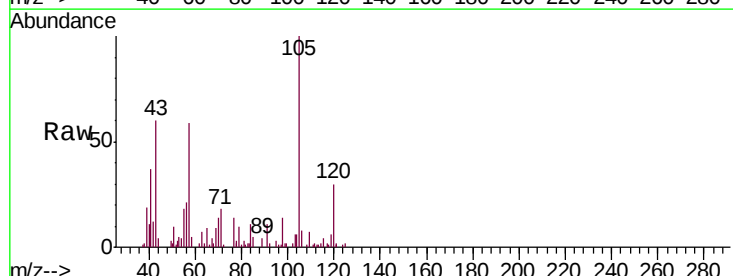
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-4DL2

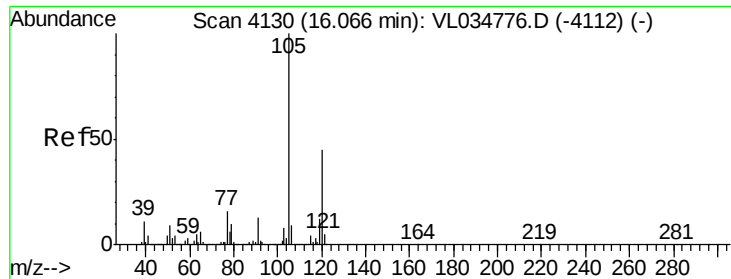
Tgt Ion: 95 Resp: 1663919
 Ion Ratio Lower Upper
 95 100
 174 70.7 50.6 76.0
 175 5.8 3.8 5.6#



#72
 4-Ethyltoluene
 Concen: 0.196 ppbv
 RT: 15.87 min Scan# 4070
 Delta R.T. -0.03 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

Tgt Ion: 105 Resp: 48168
 Ion Ratio Lower Upper
 105 100
 120 27.6 23.0 34.6
 91 14.7 11.1 16.7
 77 12.4 12.2 18.4

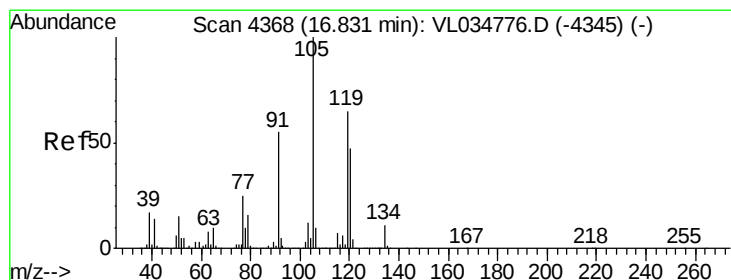
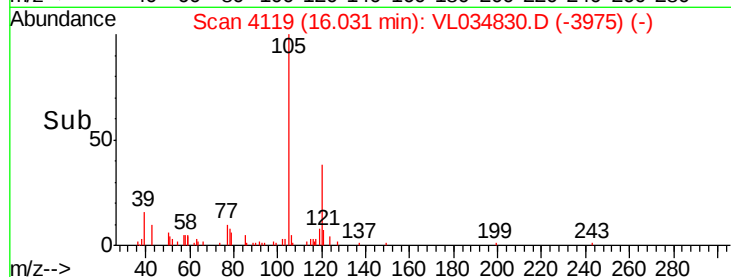
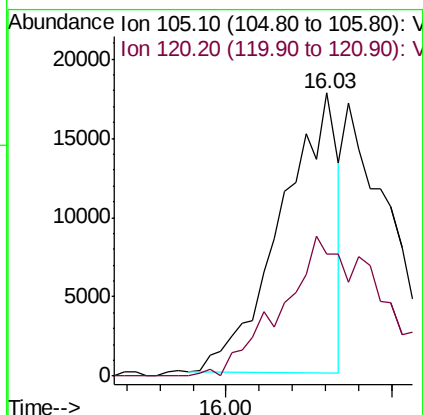
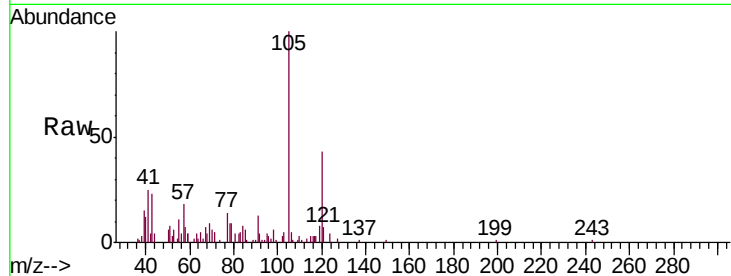




#73
 1,3,5-Trimethylbenzene
 Concen: 0.089 ppbv
 RT: 16.03 min Scan# 4119
 Delta R.T. -0.04 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-4DL2

Tgt Ion:105 Resp: 20963
 Ion Ratio Lower Upper
 105 100
 120 44.1 35.6 53.4



#74
 1,2,4-Trimethylbenzene
 Concen: 0.148 ppbv
 RT: 16.80 min Scan# 4358
 Delta R.T. -0.03 min
 Lab File: VL034830.D
 Acq: 7 Mar 2020 1:01

Tgt Ion:105 Resp: 37956
 Ion Ratio Lower Upper
 105 100
 120 34.2 37.8 56.6#
 91 13.1 43.8 65.8#
 77 12.4 19.9 29.9#

