

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036087.D
 Acq On : 8 Dec 2020 5:44
 Operator : SY/AP
 Sample : L4948-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2B

Quant Time: Dec 08 08:42:24 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	5.68	49	1141396	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2518205	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2274872	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1943438	10.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.60%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	31550	0.237	ppbv 97
3) Chlorodifluoromethane	2.99	51	60550	0.465	ppbv 94
4) Chloromethane	3.15	50	49179	0.769	ppbv 98
9) Propene	3.21	41	191314	2.933	ppbv 97
10) Heptane	8.14	43	349243	2.096	ppbv 98
11) Trichlorofluoromethane	3.96	101	55111	0.352	ppbv 85
12) 1,1,2-Trichlorotrifluoroet	4.50	101	5376	0.051	ppbv # 75
13) Ethanol	3.61	45	1945901	216.374	ppbv 86
15) Acetone	3.85	43	2068373	15.078	ppbv 90
16) 1,3-Butadiene	3.36	39	204958	2.967	ppbv # 27
17) tert-Butyl alcohol	4.32	59	29797	0.224	ppbv # 71
19) Isopropyl Alcohol	4.00	45	25364	0.303	ppbv # 100
20) Methylene Chloride	4.35	84	60948	1.084	ppbv 90
21) Allyl Chloride	4.38	41	37534	0.411	ppbv # 12
23) Vinyl Acetate	5.07	43	150536	0.824	ppbv # 1
25) Ethyl Acetate	5.70	43	782924	2.857	ppbv # 80
26) Hexane	5.70	57	955061	7.744	ppbv # 41
30) Cyclohexane	7.15	84	583965	6.445	ppbv 98
34) 2-Butanone	5.27	43	117250	0.702	ppbv 94
35) Carbon Tetrachloride	7.03	117	4679	0.032	ppbv # 28
36) Benzene	6.91	78	221427	1.038	ppbv 95
39) 1,2-Dichloropropane	7.19	63	742505	8.810	ppbv # 25
41) Tetrahydrofuran	6.33	42	36176	0.365	ppbv # 41
42) Bromodichloromethane	7.81	83	6711	0.041	ppbv # 30
44) 2,2,4-Trimethylpentane	7.89	57	583955	1.511	ppbv # 82
51) 2-Hexanone	10.13	43	36565	0.188	ppbv # 44
52) Tetrachloroethene	11.23	164	2736	0.035	ppbv # 63
53) Toluene	9.82	91	1582972	6.606	ppbv 100
58) Ethyl Benzene	12.73	91	629529	2.019	ppbv 95
59) m/p-Xylene	12.99	91	2280771	8.686	ppbv 97
60) o-Xylene	13.72	91	896564	3.624	ppbv 96
61) Styrene	13.55	104	6671	0.042	ppbv # 2
62) Isopropylbenzene	14.69	105	33573	0.092	ppbv 98
64) n-propylbenzene	15.59	120	2828	0.032	ppbv # 1
71) 2-Chlorotoluene	15.58	91	56208	0.203	ppbv # 48
72) 4-Ethyltoluene	15.86	105	61353	0.229	ppbv # 59
73) 1,3,5-Trimethylbenzene	16.02	105	65899	0.257	ppbv 99
74) 1,2,4-Trimethylbenzene	16.79	105	364634	1.419	ppbv # 66
79) Naphthalene	22.23	128	6003	0.046	ppbv # 94

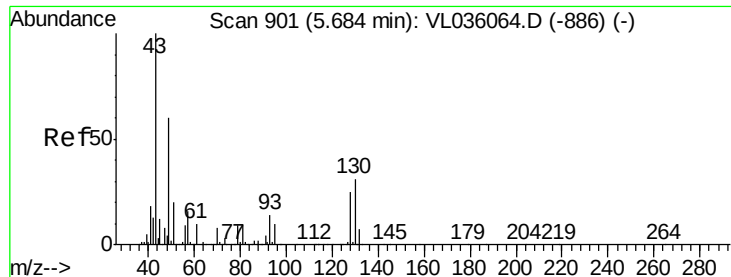
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
Data File : VL036087.D
Acq On : 8 Dec 2020 5:44
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Quant Time: Dec 08 08:42:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
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QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

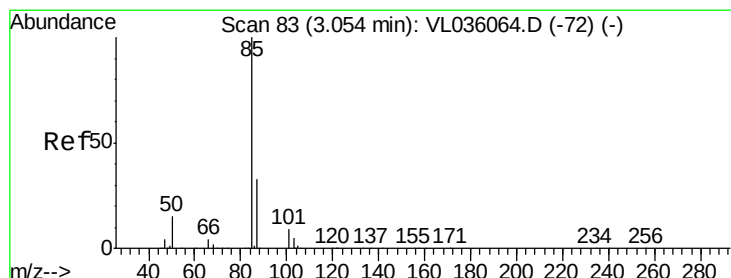
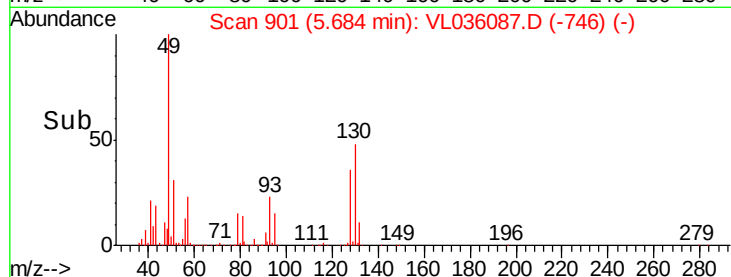
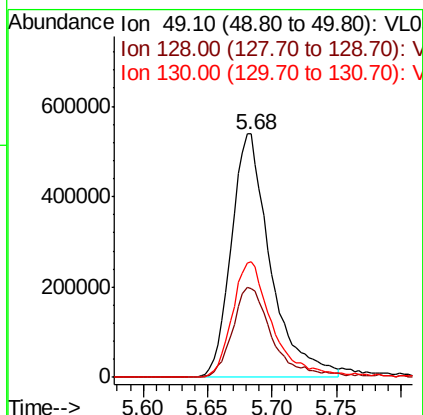
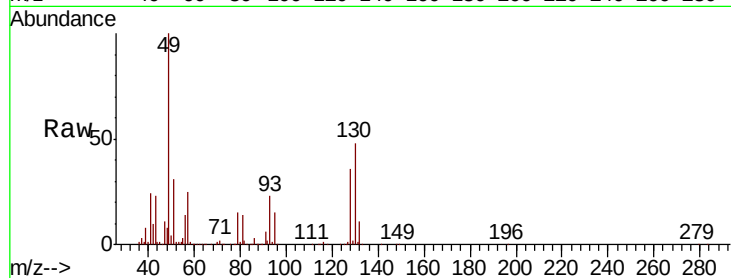
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VL036087.D
 Acq: 8 Dec 2020 5:44

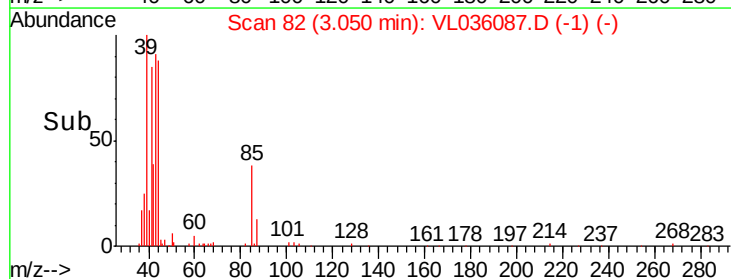
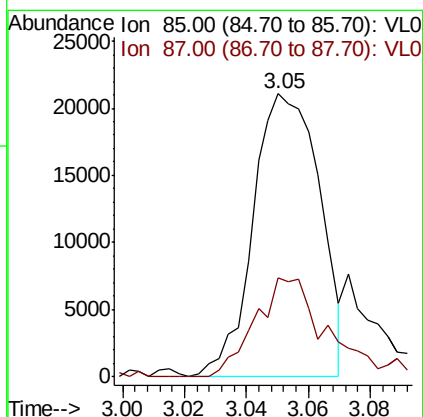
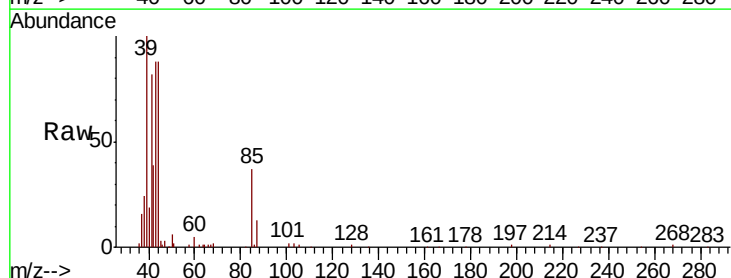
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2B

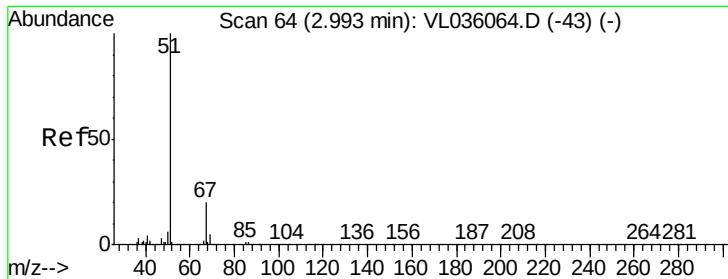
Tot Ion: 49 Resp: 1141396
 Ion Ratio Lower Upper
 49 100
 128 37.7 21.1 63.1
 130 49.8 27.1 81.3



#2
 Dichlorodifluoromethane
 Concen: 0.237 ppbv
 RT: 3.05 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: VL036087.D
 Acq: 8 Dec 2020 5:44

Tgt Ion: 85 Resp: 31550
 Ion Ratio Lower Upper
 85 100
 87 34.9 26.5 39.7

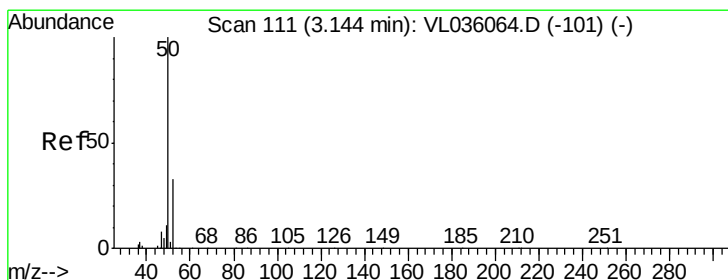
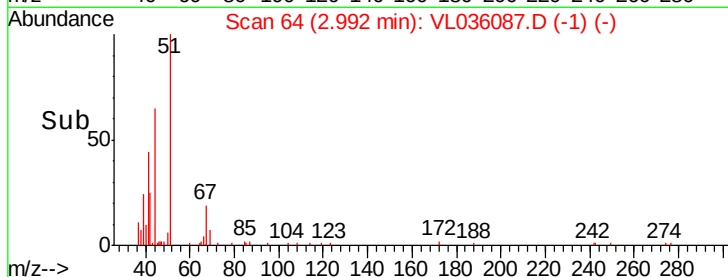
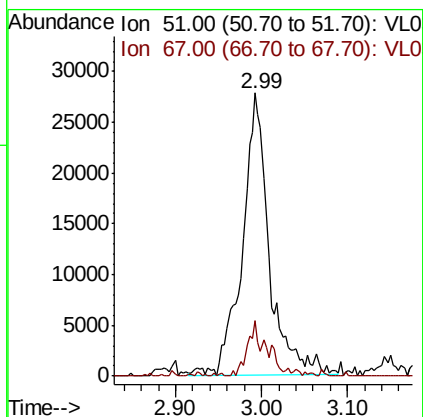
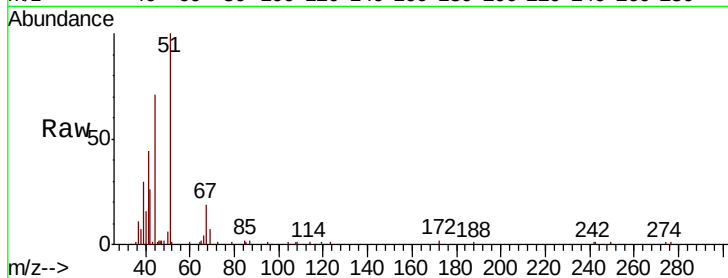




#3
Chlorodifluoromethane
Concen: 0.465 ppbv
RT: 2.99 min Scan# 64
Delta R.T. -0.00 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

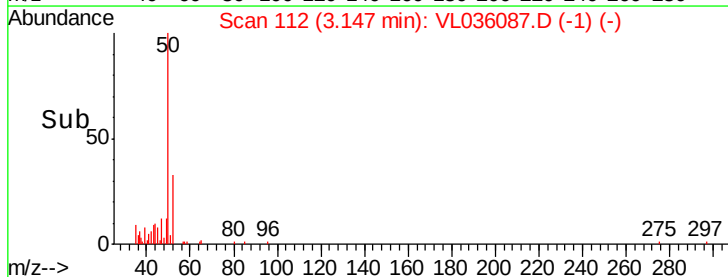
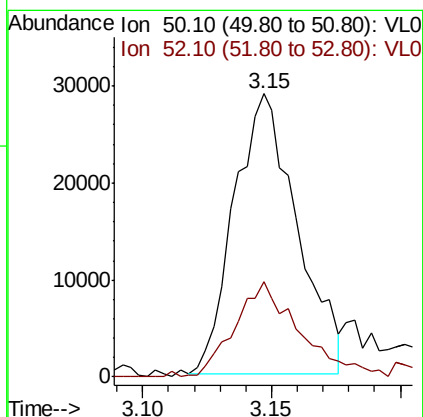
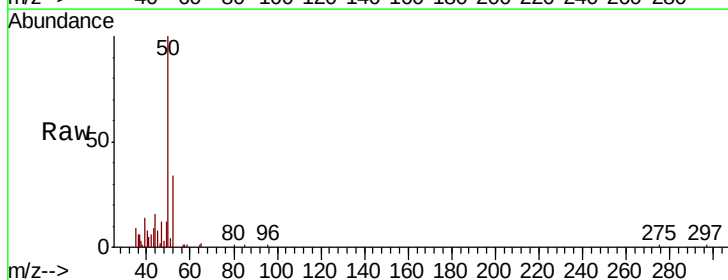
Instrument :
MSVOA_L
ClientSampleId :
IA-2B

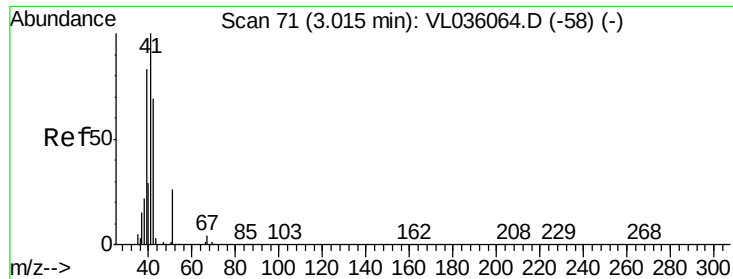
Tot Ion: 51 Resp: 60550
Ion Ratio Lower Upper
51 100
67 15.5 14.3 21.5



#4
Chloromethane
Concen: 0.769 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.00 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

Tgt Ion: 50 Resp: 49179
Ion Ratio Lower Upper
50 100
52 33.5 26.1 39.1





#9

Propene

Concen: 2.933 ppbv

RT: 3.21 min Scan# 131

Delta R.T. 0.19 min

Lab File: VL036087.D

Acq: 8 Dec 2020 5:44

Instrument :

MSVOA_L

ClientSampleId :

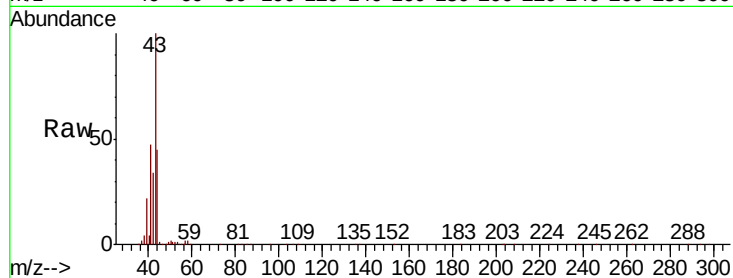
IA-2B

Tot Ion: 41 Resp: 191314

Ion Ratio Lower Upper

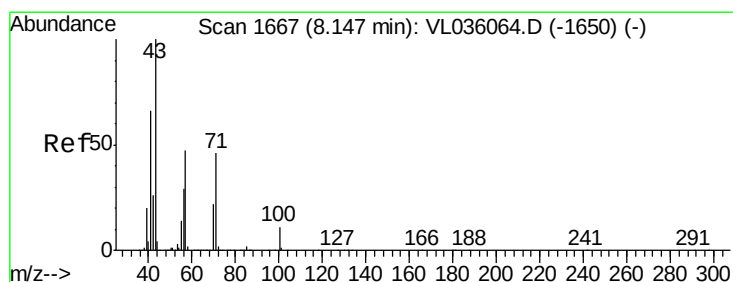
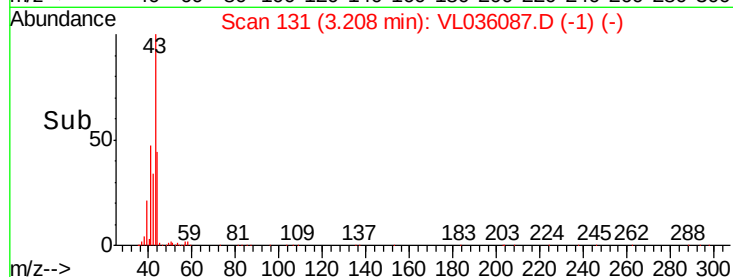
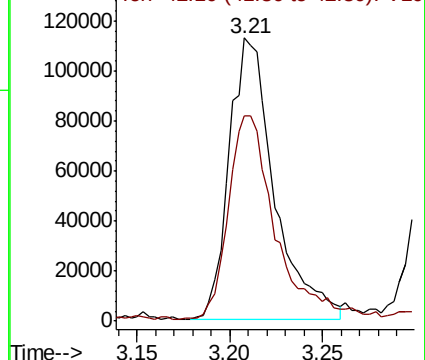
41 100

42 73.5 57.0 85.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 2.096 ppbv

RT: 8.14 min Scan# 1665

Delta R.T. -0.01 min

Lab File: VL036087.D

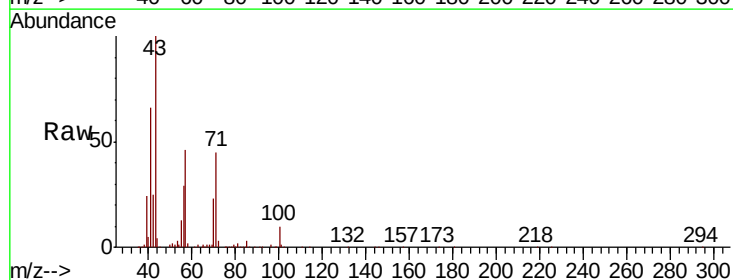
Acq: 8 Dec 2020 5:44

Tgt Ion: 43 Resp: 349243

Ion Ratio Lower Upper

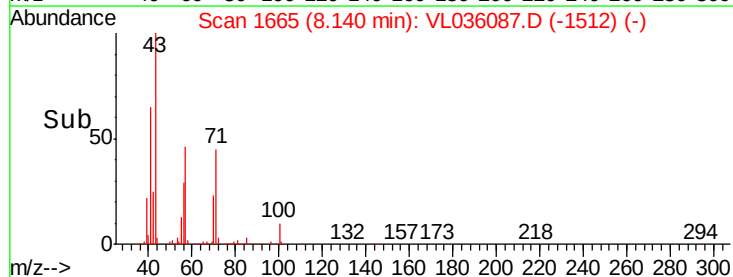
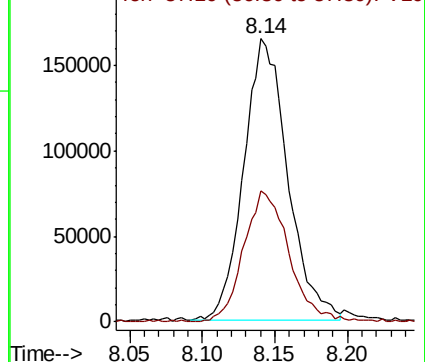
43 100

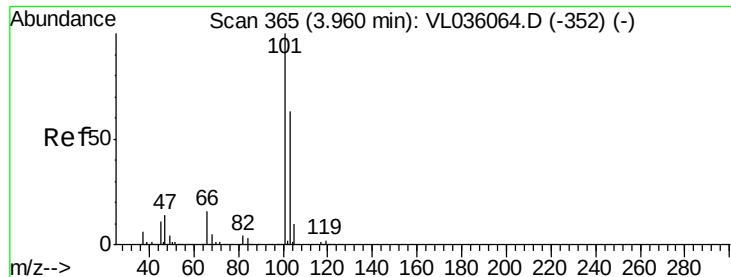
57 48.5 37.9 56.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

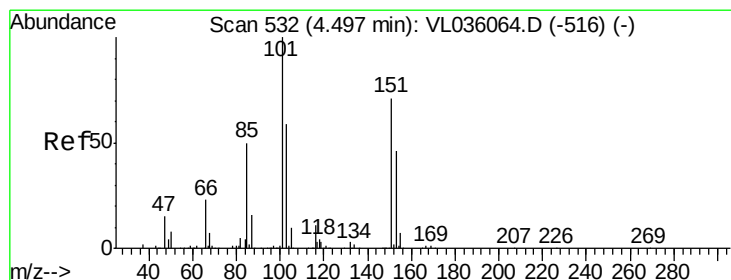
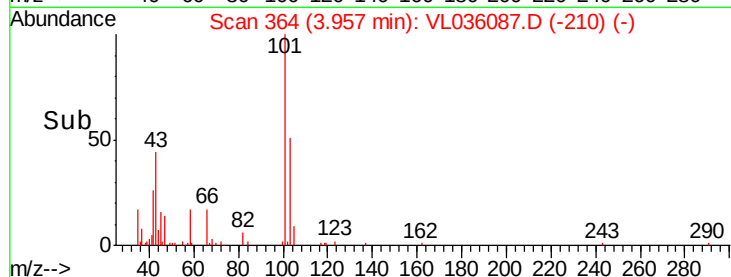
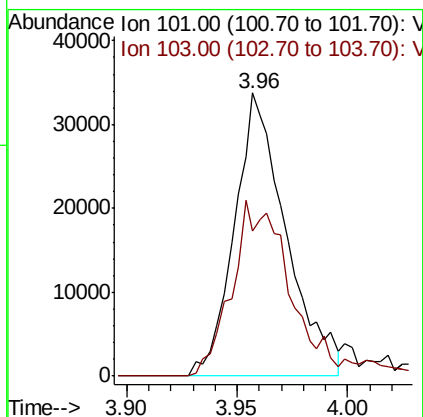
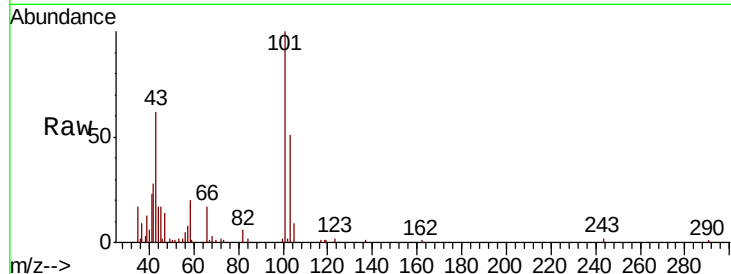




#11
 Trichlorofluoromethane
 Concen: 0.352 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VL036087.D
 Acq: 8 Dec 2020 5:44

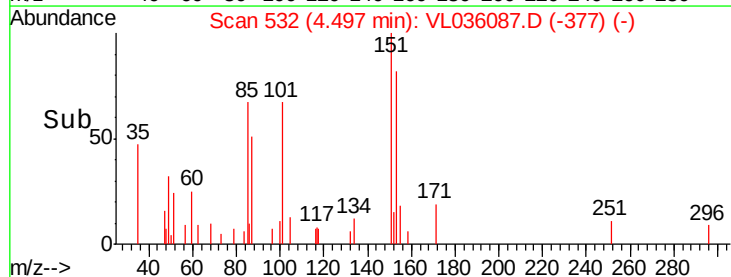
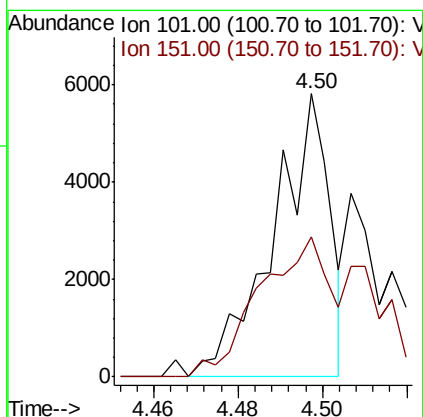
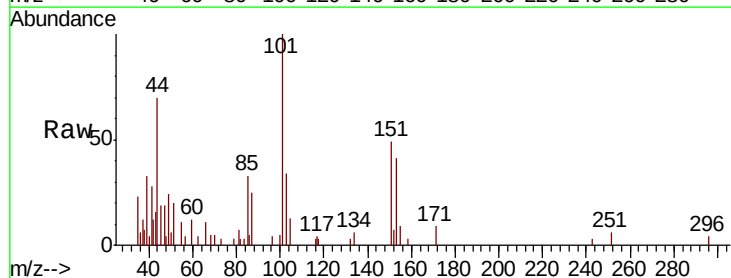
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2B

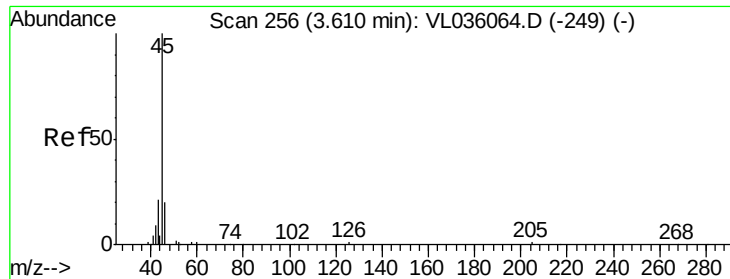
Tot Ion:101 Resp: 55111
 Ion Ratio Lower Upper
 101 100
 103 51.3 50.3 75.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.051 ppbv
 RT: 4.50 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VL036087.D
 Acq: 8 Dec 2020 5:44

Tgt Ion:101 Resp: 5376
 Ion Ratio Lower Upper
 101 100
 151 95.1 59.3 88.9#

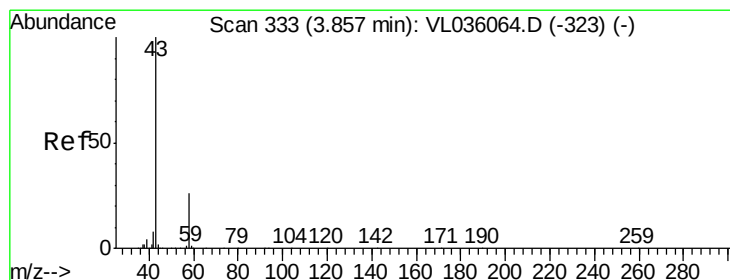
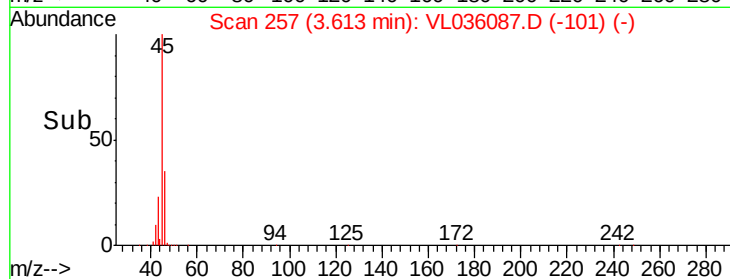
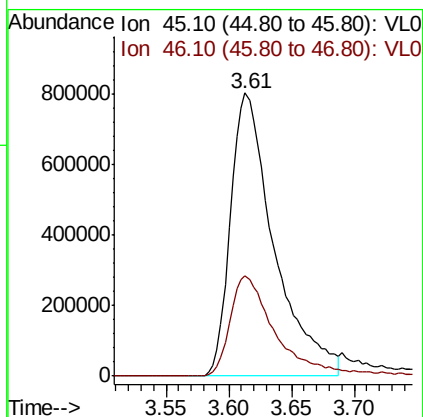
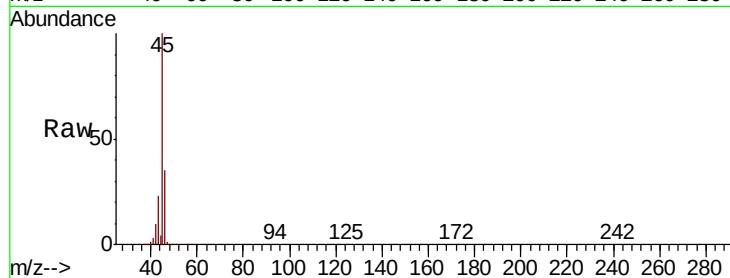




#13
Ethanol
Concen: 216.374 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.00 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

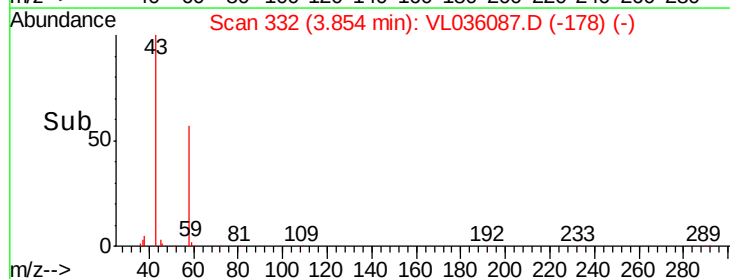
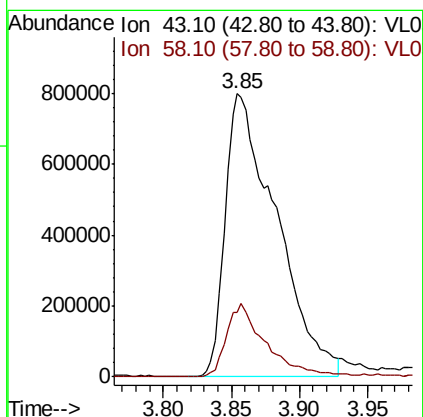
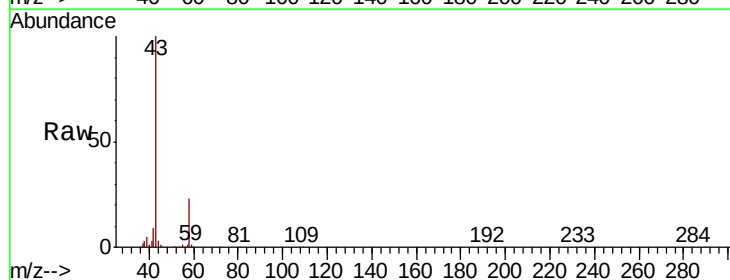
Instrument :
MSVOA_L
ClientSampleId :
IA-2B

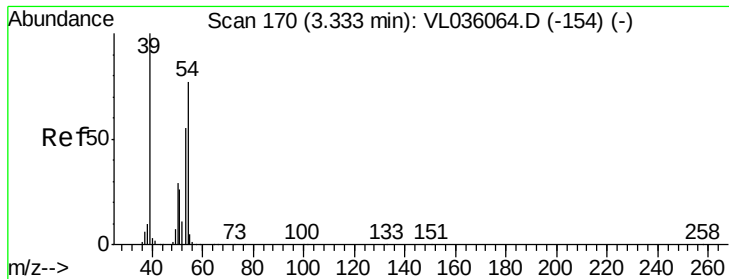
Tot Ion: 45 Resp: 1945901
Ion Ratio Lower Upper
45 100
46 38.1 19.0 75.8



#15
Acetone
Concen: 15.078 ppbv
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

Tgt Ion: 43 Resp: 2068373
Ion Ratio Lower Upper
43 100
58 21.1 20.9 31.3

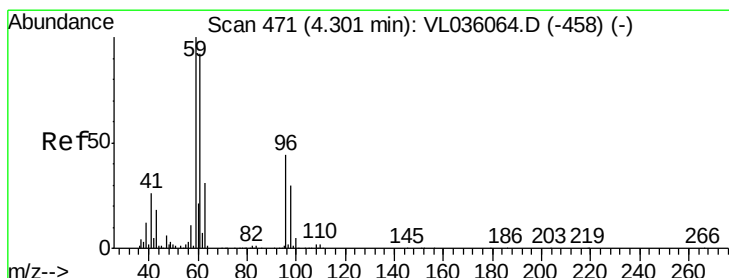
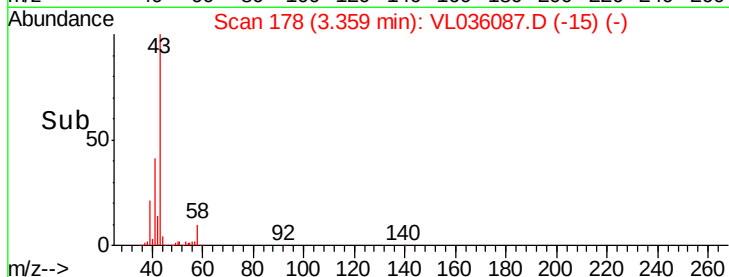
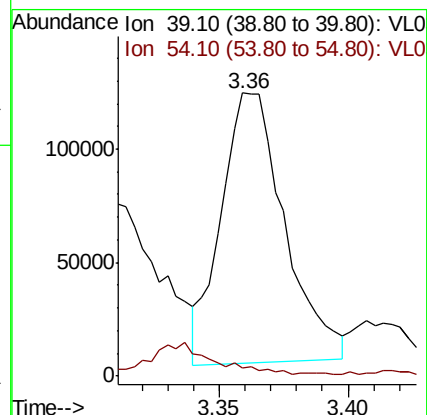
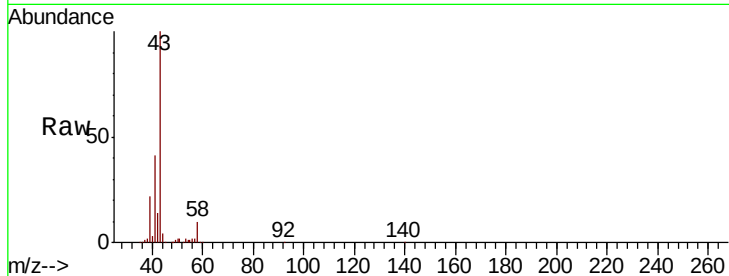




#16
 1,3-Butadiene
 Concen: 2.967 ppbv
 RT: 3.36 min Scan# 178
 Delta R.T. 0.03 min
 Lab File: VL036087.D
 Acq: 8 Dec 2020 5:44

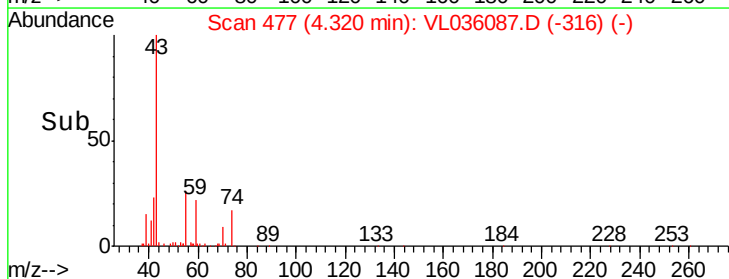
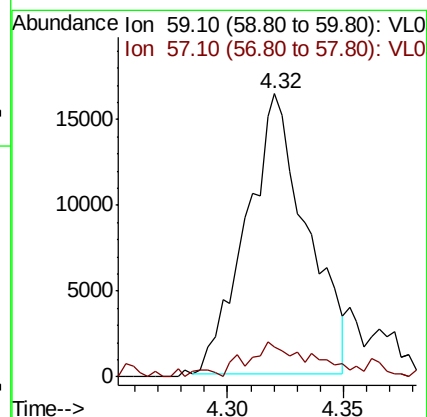
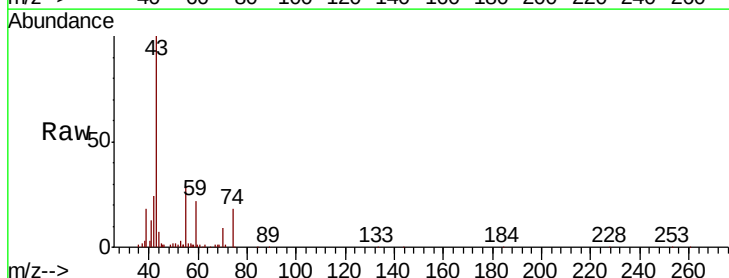
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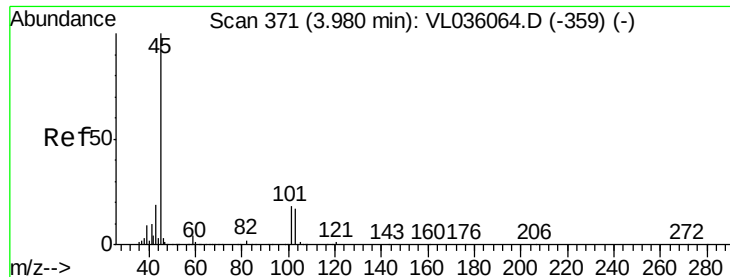
Tot Ion: 39 Resp: 204958
 Ion Ratio Lower Upper
 39 100
 54 14.7 62.1 93.1#



#17
 tert-Butyl alcohol
 Concen: 0.224 ppbv
 RT: 4.32 min Scan# 477
 Delta R.T. 0.02 min
 Lab File: VL036087.D
 Acq: 8 Dec 2020 5:44

Tgt Ion: 59 Resp: 29797
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#



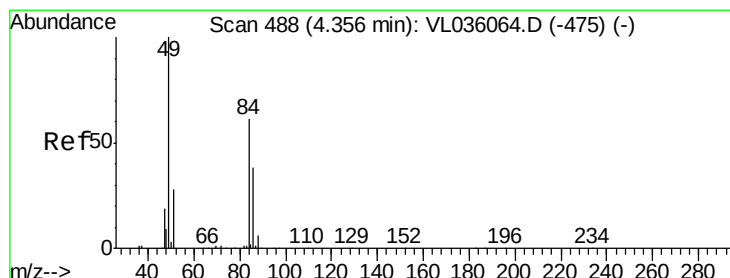
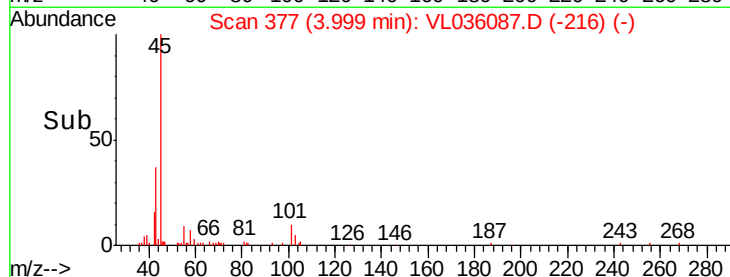
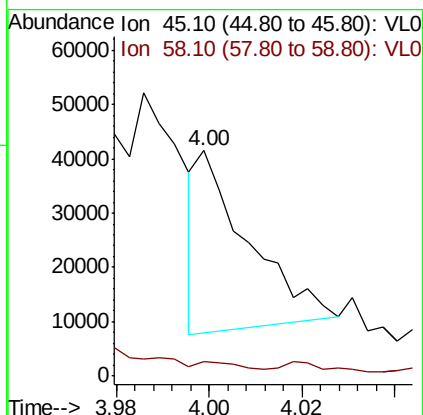
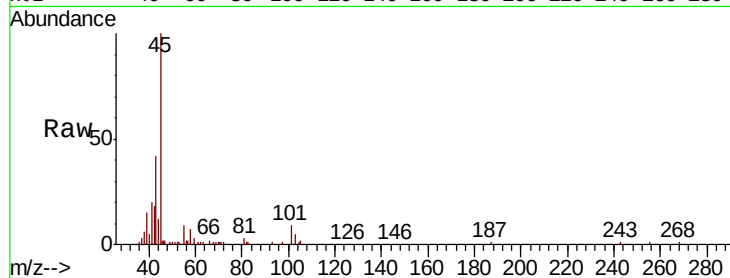


#19

Isopropyl Alcohol
 Concen: 0.303 ppbv
 RT: 4.00 min Scan# 377
 Delta R.T. 0.02 min
 Lab File: VL036087.D
 Acq: 8 Dec 2020 5:44

Instrument :
 MSVOA_L
 ClientSampleID :
 IA-2B

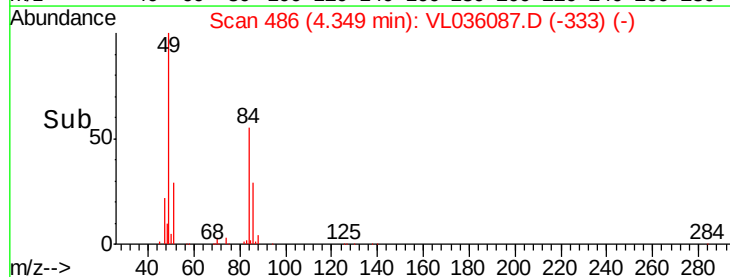
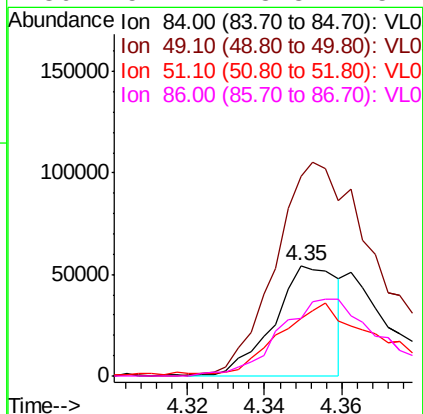
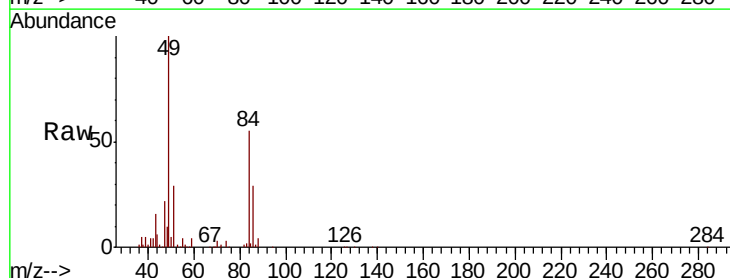
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 Ion Ratio Lower Upper
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 58 0.0 0.0 0.0

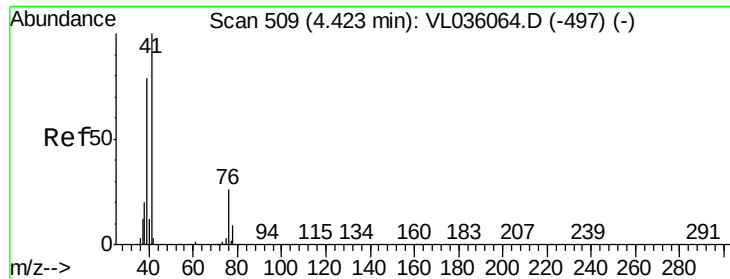


#20

Methylene Chloride
 Concen: 1.084 ppbv
 RT: 4.35 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: VL036087.D
 Acq: 8 Dec 2020 5:44

Tgt Ion: 84 Resp: 60948
 Ion Ratio Lower Upper
 84 100
 49 181.1 133.0 199.4
 51 50.8 38.9 58.3
 86 52.7 48.8 73.2

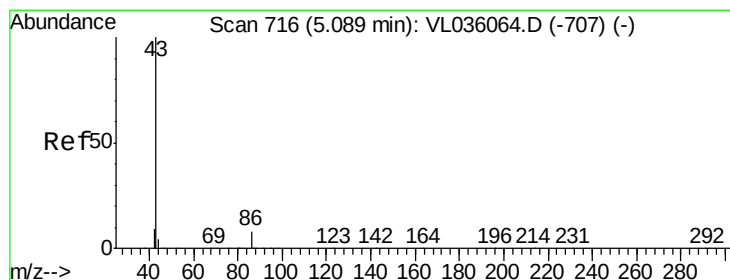
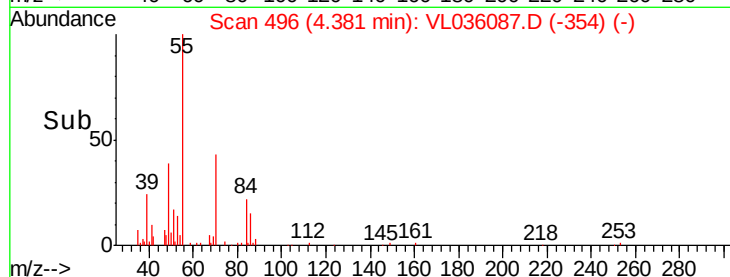
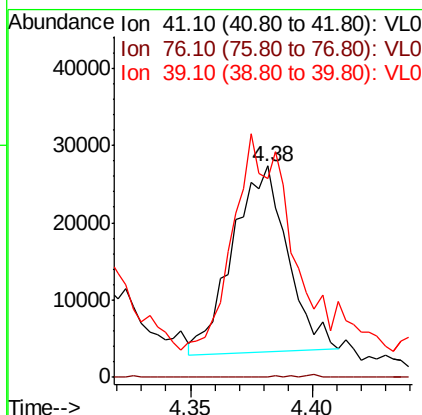
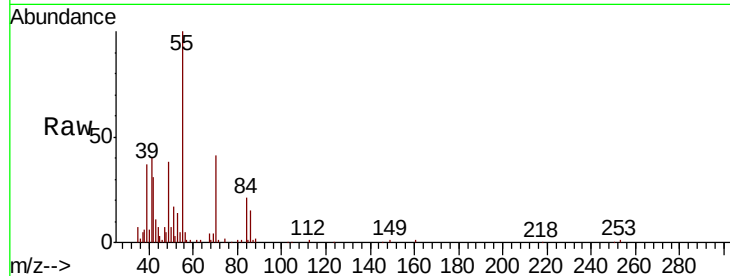




#21
Allvl Chloride
Concen: 0.411 ppbv
RT: 4.38 min Scan# 496
Delta R.T. -0.04 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

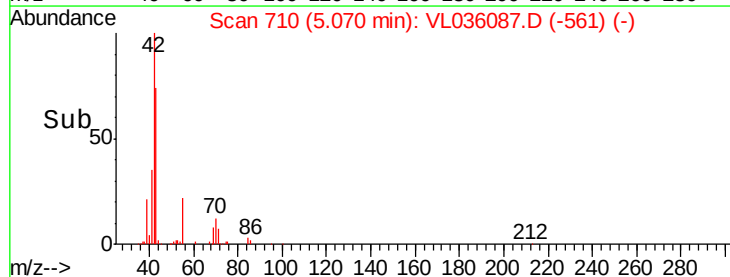
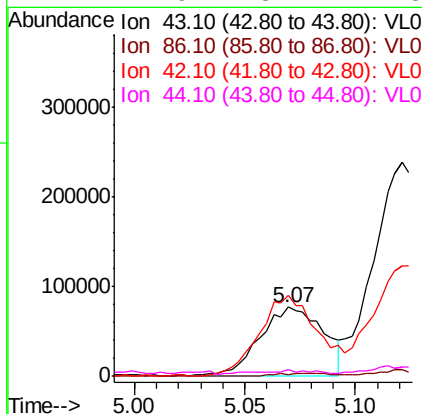
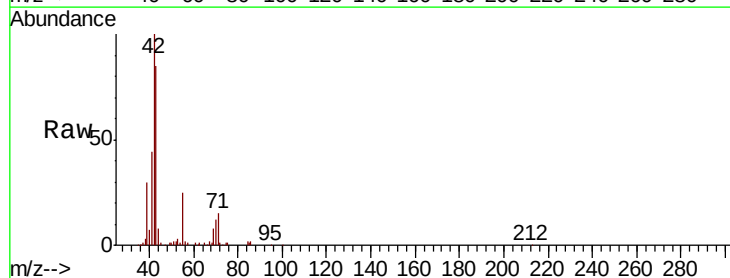
Instrument :
MSVOA_L
ClientSampleId :
IA-2B

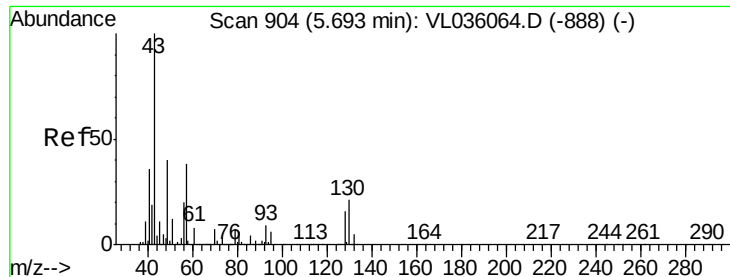
Tot Ion: 41 Resp: 37534
Ion Ratio Lower Upper
41 100
76 0.5 21.0 31.4#
39 171.8 66.0 99.0#



#23
Vinyl Acetate
Concen: 0.824 ppbv
RT: 5.07 min Scan# 710
Delta R.T. -0.02 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

Tgt Ion: 43 Resp: 150536
Ion Ratio Lower Upper
43 100
86 2.0 5.0 7.4#
42 118.2 7.8 11.6#
44 4.9 3.2 4.8#

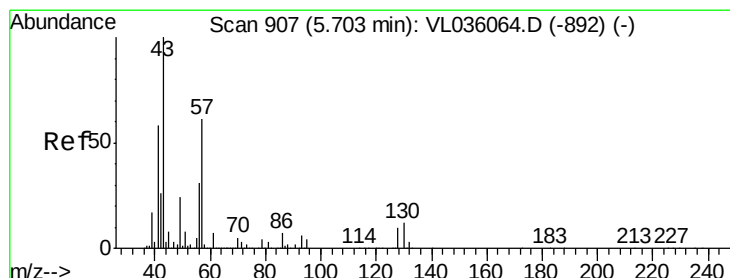
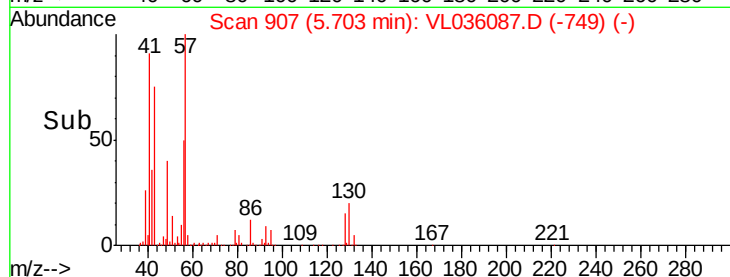
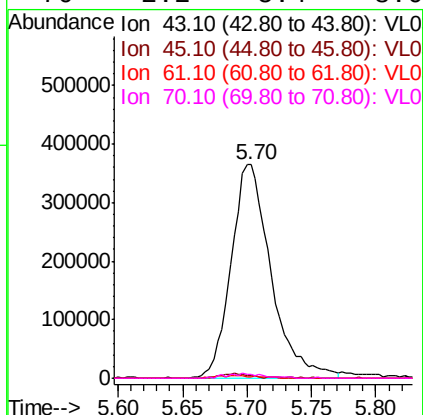
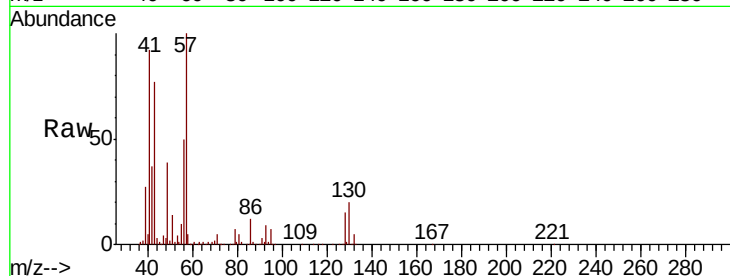




#25
Ethyl Acetate
Concen: 2.857 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

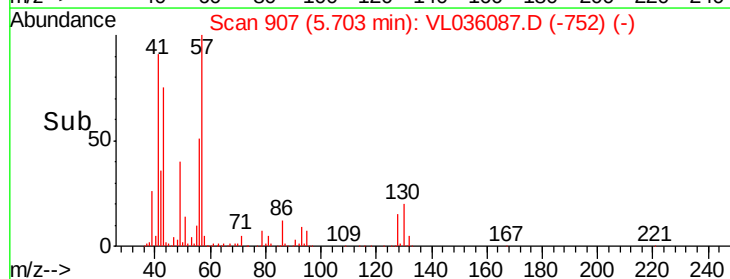
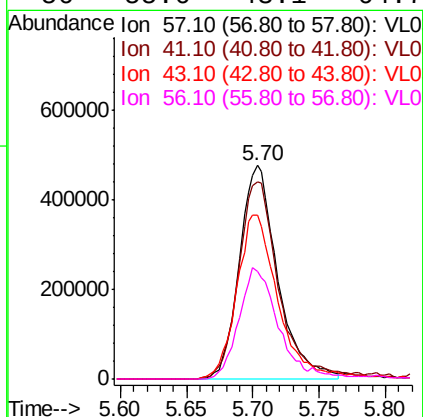
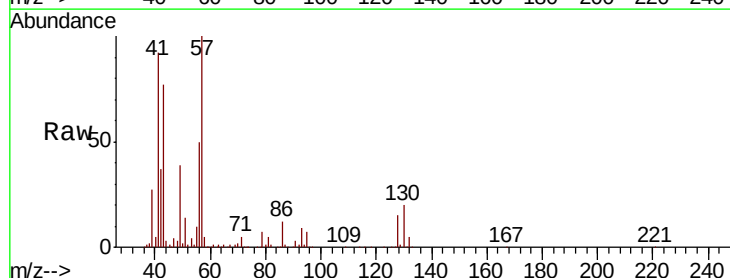
Instrument :
MSVOA_L
ClientSampled :
IA-2B

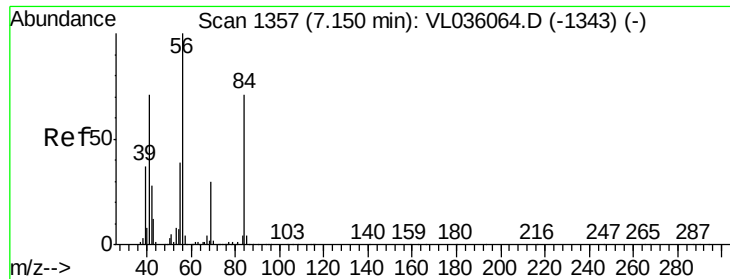
Tot Ion:	43	Resp:	782924
Ion	Ratio	Lower	Upper
43	100		
45	1.9	8.2	12.4#
61	1.5	7.4	11.2#
70	2.2	5.4	8.0#



#26
Hexane
Concen: 7.744 ppbv
RT: 5.70 min Scan# 907
Delta R.T. -0.00 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

Tgt Ion:	57	Resp:	955061
Ion	Ratio	Lower	Upper
57	100		
41	98.9	82.9	124.3
43	85.3	199.9	299.9#
56	55.6	43.1	64.7

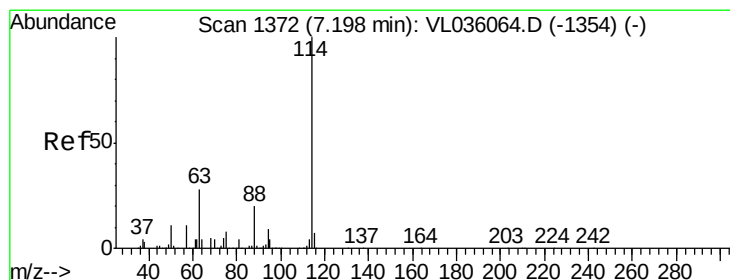
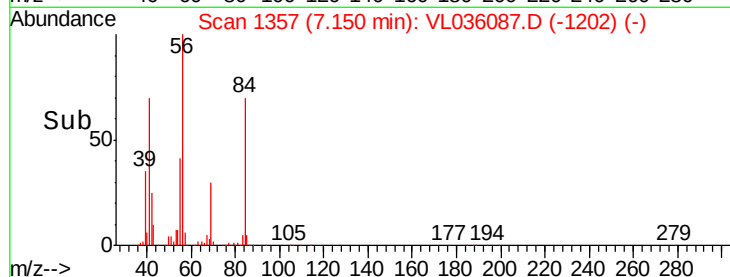
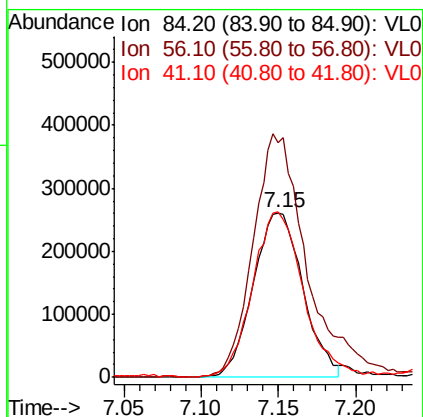
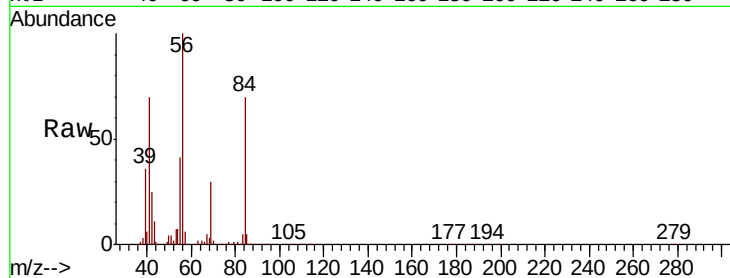




#30
Cyclohexane
Concen: 6.445 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

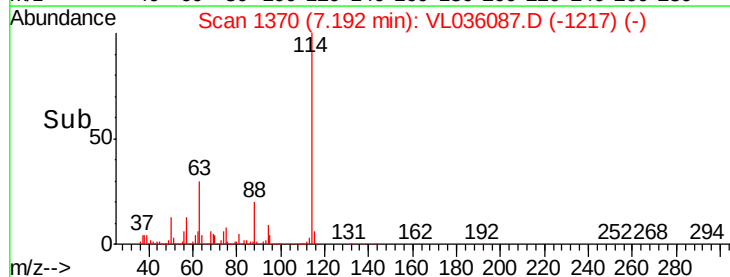
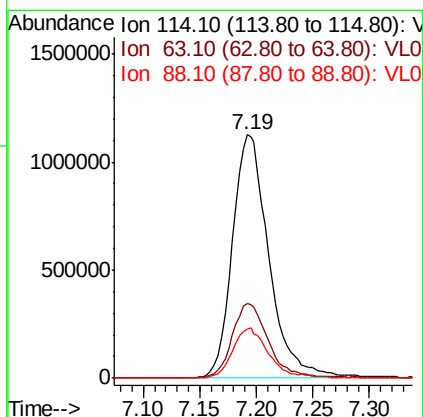
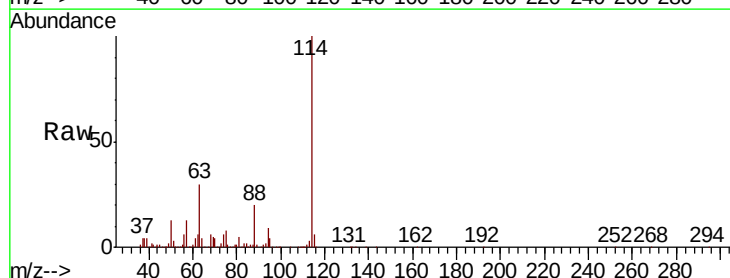
Instrument :
MSVOA_L
ClientSampleId :
IA-2B

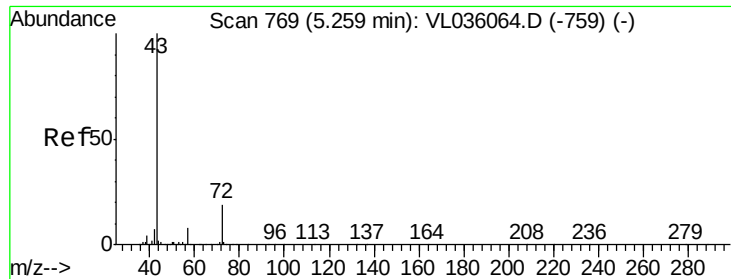
Tot Ion	Ratio	Lower	Upper
84	100		
56	163.4	128.0	192.0
41	103.8	81.3	121.9



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.01 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	31.2	23.6	35.4
88	20.6	15.8	23.6

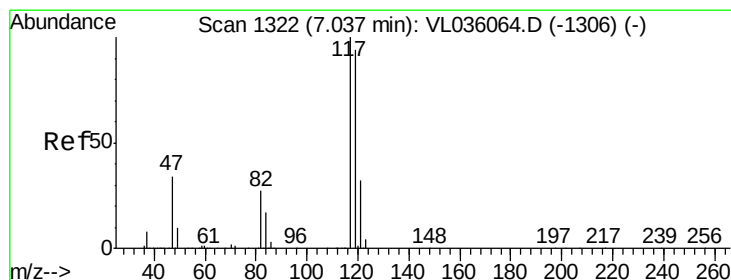
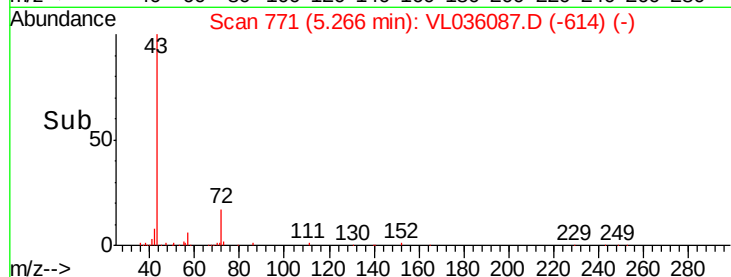
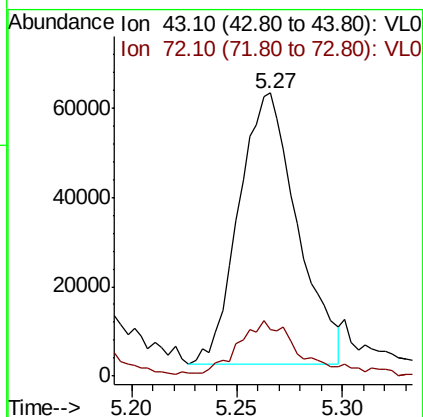
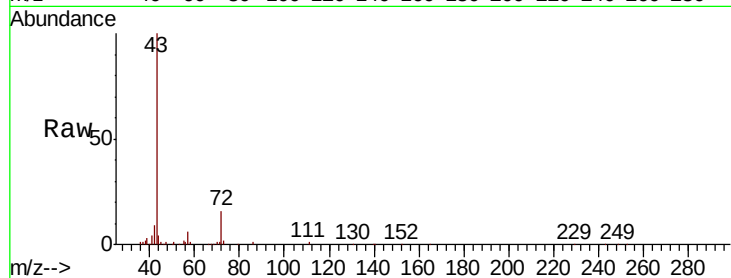




#34
2-Butanone
Concen: 0.702 ppbv
RT: 5.27 min Scan# 771
Delta R.T. 0.01 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

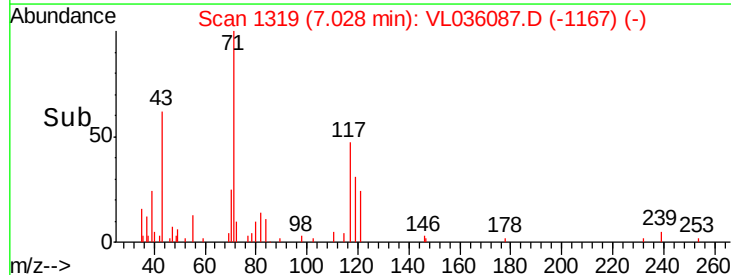
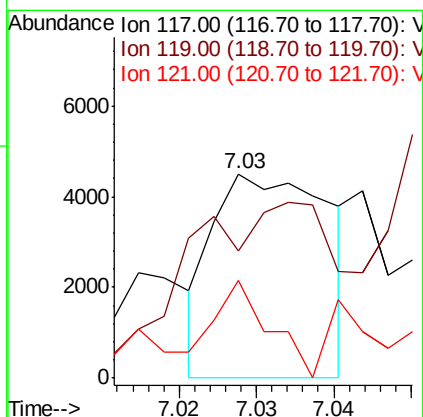
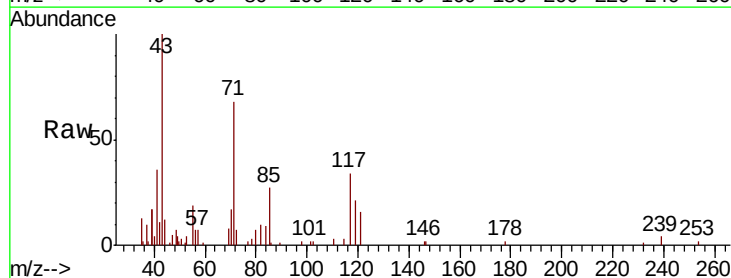
Instrument :
MSVOA_L
ClientSampleId :
IA-2B

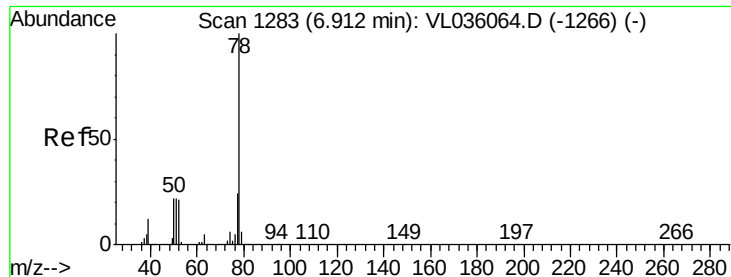
Tot Ion: 43 Resp: 117250
Ion Ratio Lower Upper
43 100
72 23.4 16.5 24.7



#35
Carbon Tetrachloride
Concen: 0.032 ppbv
RT: 7.03 min Scan# 1319
Delta R.T. -0.01 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

Tgt Ion: 117 Resp: 4679
Ion Ratio Lower Upper
117 100
119 17.7 75.1 112.7#
121 61.6 25.6 38.4#

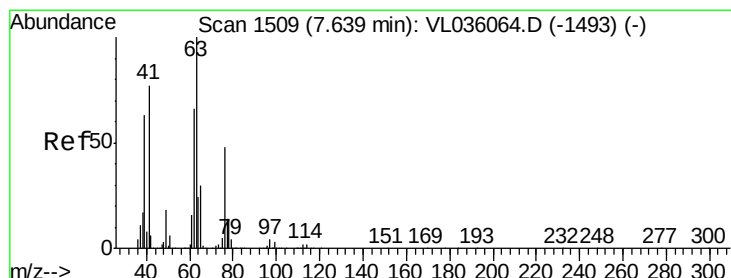
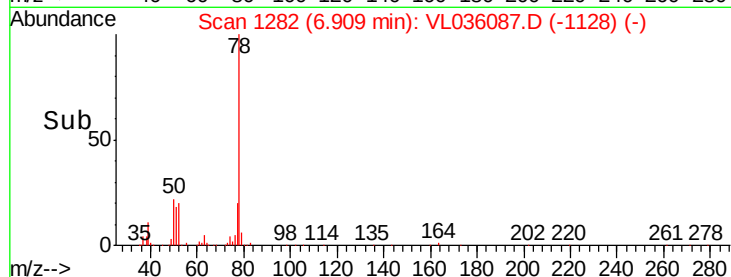
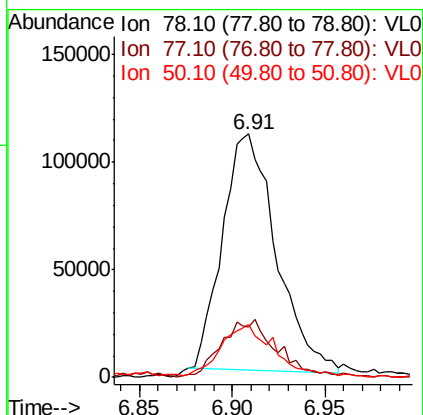
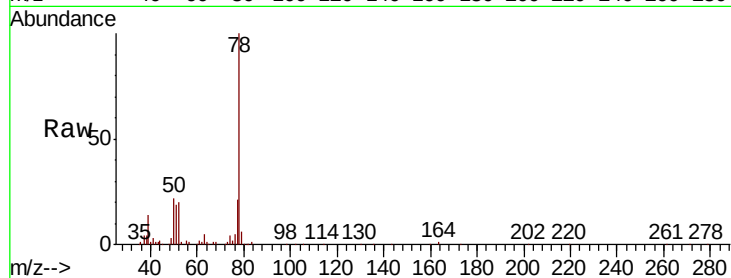




#36
Benzene
Concen: 1.038 ppbv
RT: 6.91 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

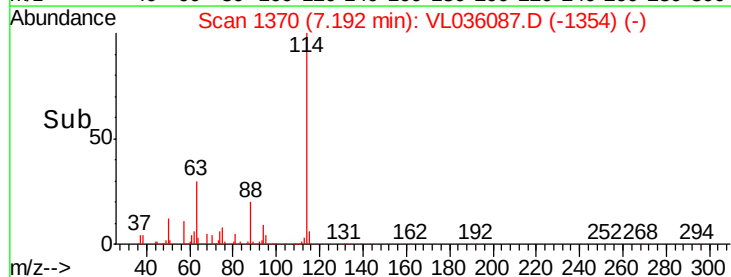
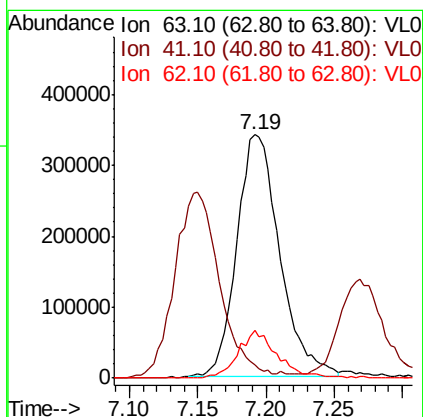
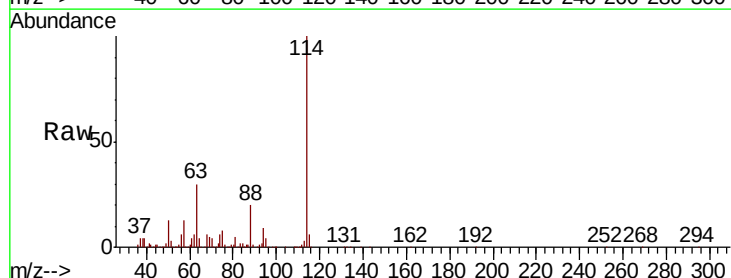
Instrument :
MSVOA_L
ClientSampled :
IA-2B

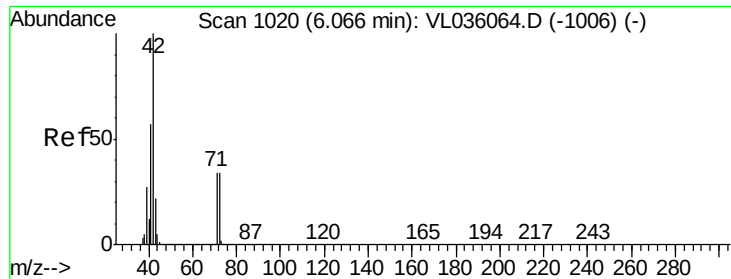
Tot Ion: 78 Resp: 221427
Ion Ratio Lower Upper
78 100
77 20.3 19.4 29.2
50 21.8 17.8 26.8



#39
1,2-Dichloropropane
Concen: 8.810 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.45 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

Tgt Ion: 63 Resp: 742505
Ion Ratio Lower Upper
63 100
41 0.0 61.9 92.9#
62 19.4 52.5 78.7#

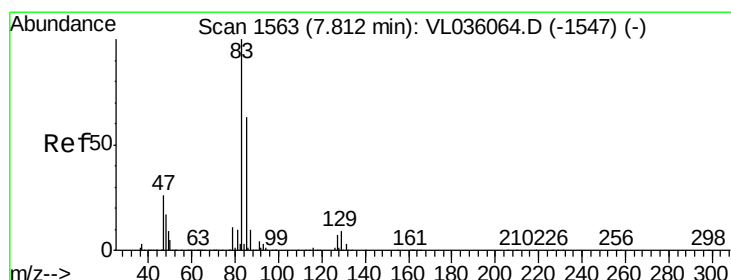
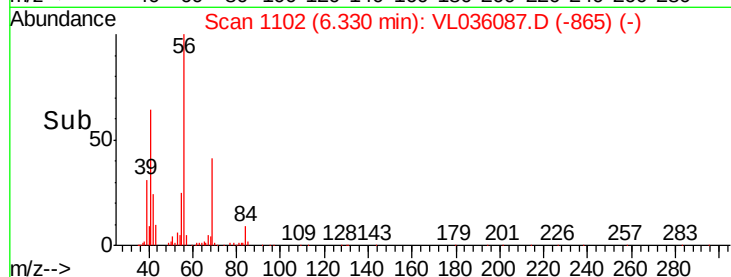
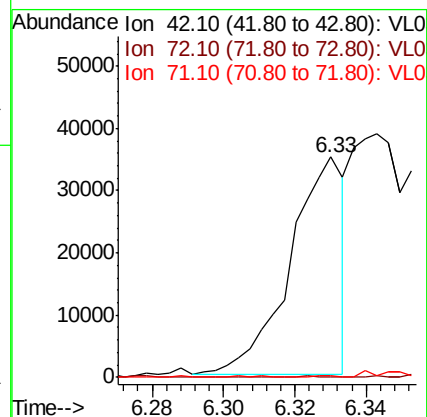
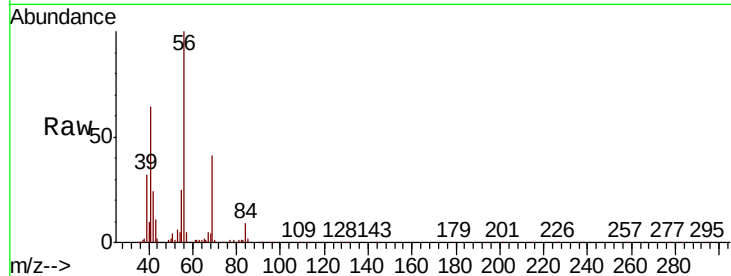




#41
Tetrahydrofuran
Concen: 0.365 ppbv
RT: 6.33 min Scan# 1102
Delta R.T. 0.26 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

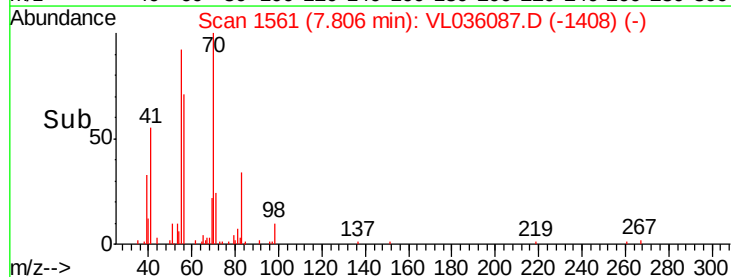
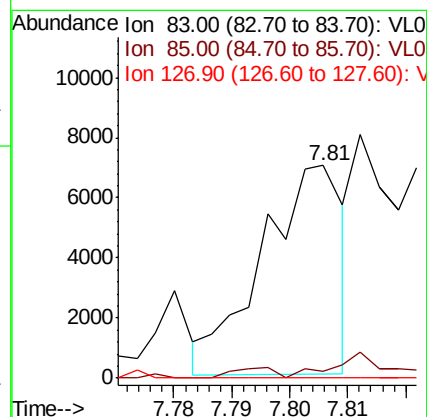
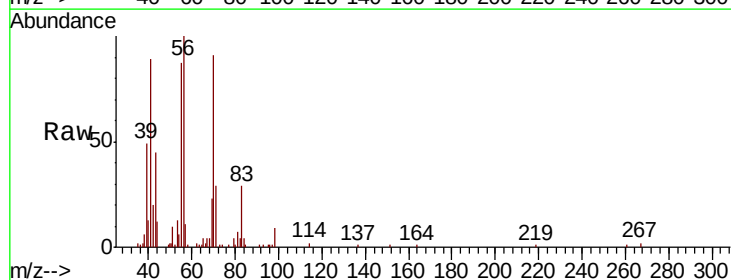
Instrument :
MSVOA_L
ClientSampled :
IA-2B

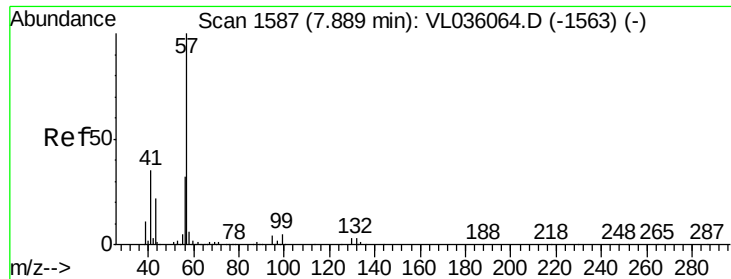
Tot Ion: 42 Resp: 36176
Ion Ratio Lower Upper
42 100
72 0.9 28.3 42.5#
71 0.0 27.3 40.9#



#42
Bromodichloromethane
Concen: 0.041 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. -0.01 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

Tgt Ion: 83 Resp: 6711
Ion Ratio Lower Upper
83 100
85 3.9 50.2 75.2#
127 0.0 5.5 8.3#

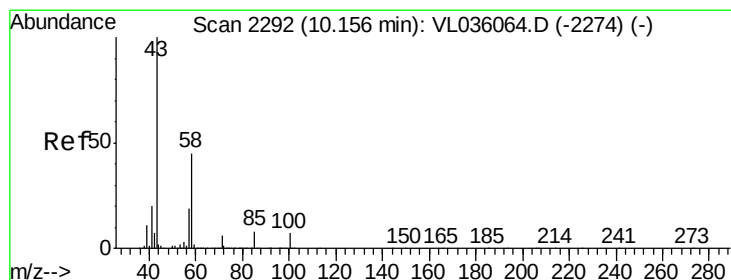
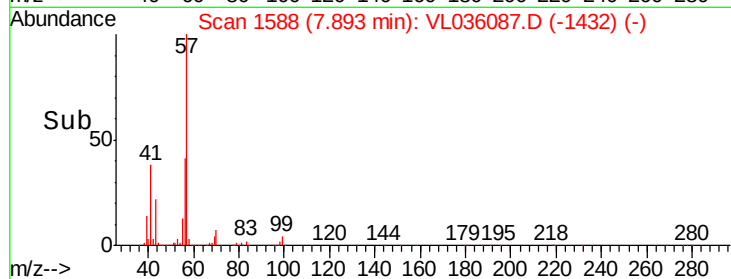
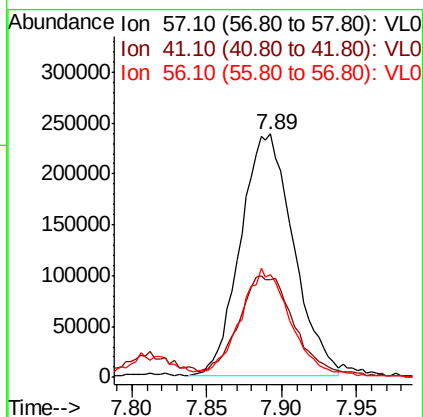
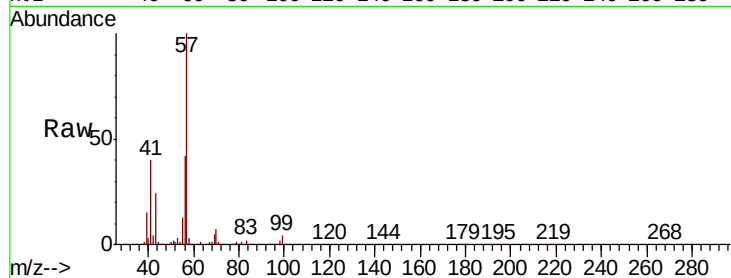




#44
 2,2,4-Trimethylpentane
 Concen: 1.511 ppbv
 RT: 7.89 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: VL036087.D
 Acq: 8 Dec 2020 5:44

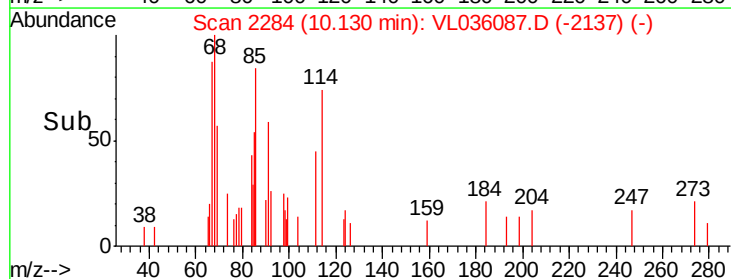
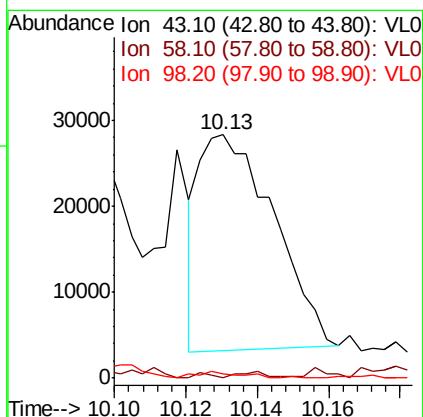
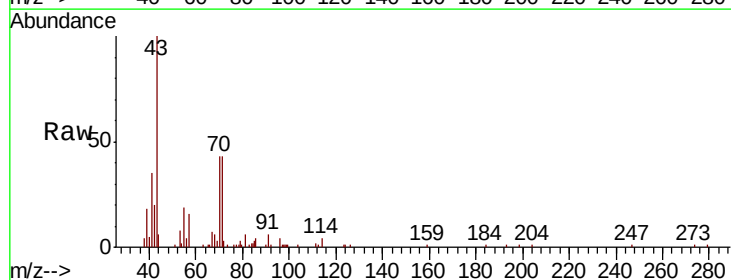
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2B

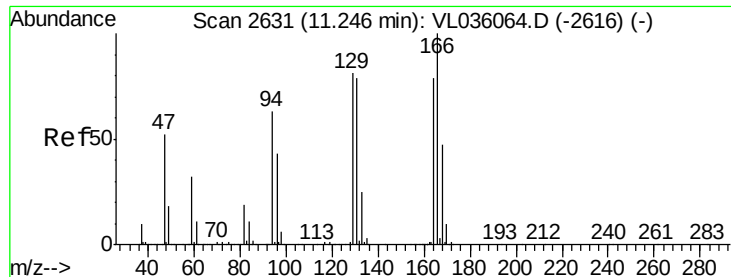
Tot Ion	Ratio	Lower	Upper
57	100		
41	45.1	28.9	43.3#
56	43.9	25.3	37.9#



#51
 2-Hexanone
 Concen: 0.188 ppbv
 RT: 10.13 min Scan# 2284
 Delta R.T. -0.03 min
 Lab File: VL036087.D
 Acq: 8 Dec 2020 5:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	10.4	38.7	58.1#
98	0.0	0.1	0.1#





#52

Tetrachloroethene

Concen: 0.035 ppbv

RT: 11.23 min Scan# 2627

Delta R.T. -0.01 min

Lab File: VL036087.D

Acq: 8 Dec 2020 5:44

Instrument :

MSVOA_L

ClientSampleId :

IA-2B

Tot Ion:164 Resp: 2736

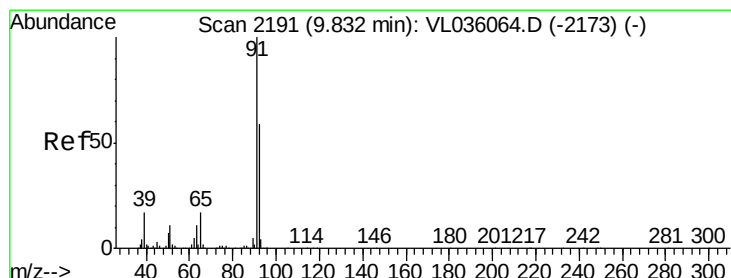
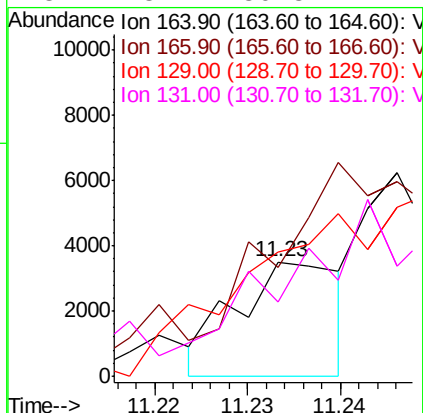
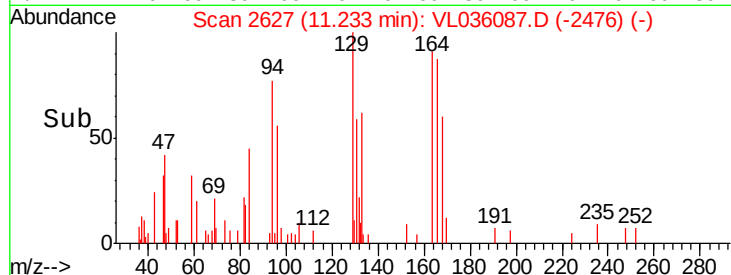
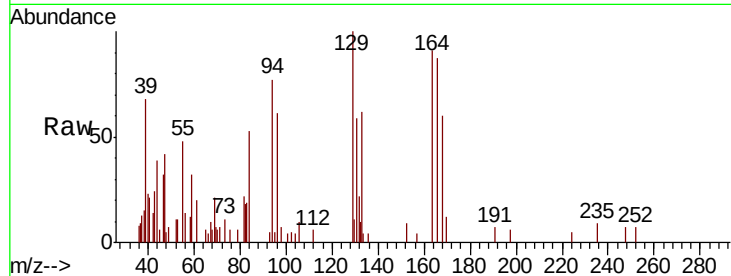
Ion Ratio Lower Upper

164 100

166 86.8 101.9 152.9#

129 77.6 82.1 123.1#

131 48.7 80.8 121.2#



#53

Toluene

Concen: 6.606 ppbv

RT: 9.82 min Scan# 2189

Delta R.T. -0.01 min

Lab File: VL036087.D

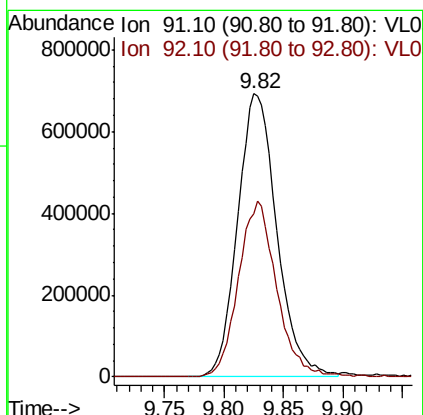
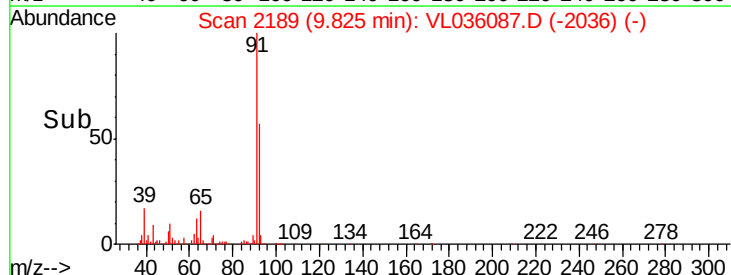
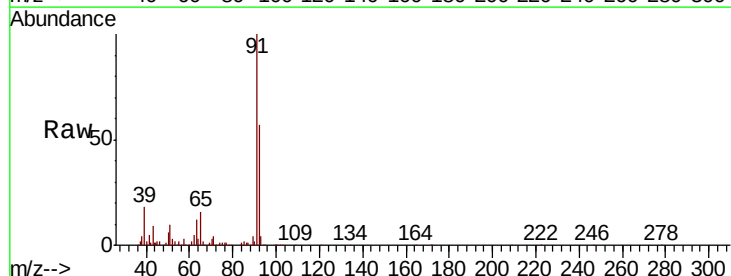
Acq: 8 Dec 2020 5:44

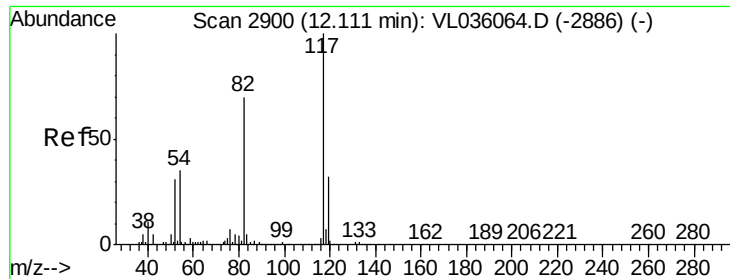
Tgt Ion: 91 Resp: 1582972

Ion Ratio Lower Upper

91 100

92 60.5 48.2 72.2

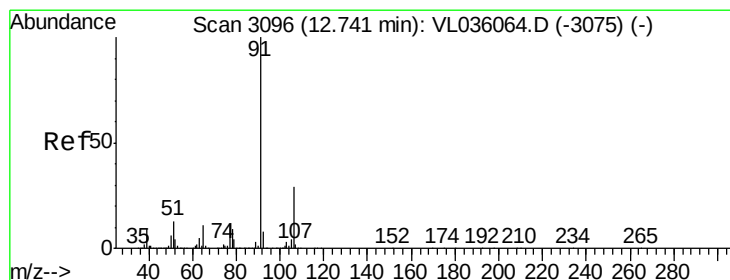
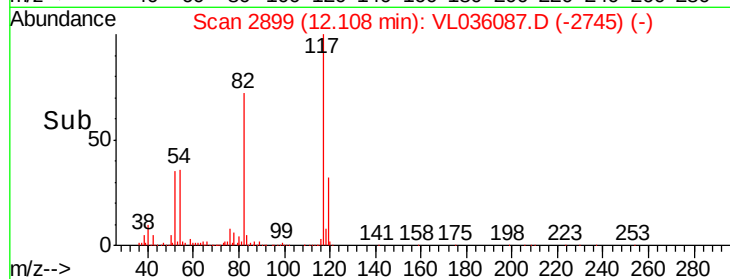
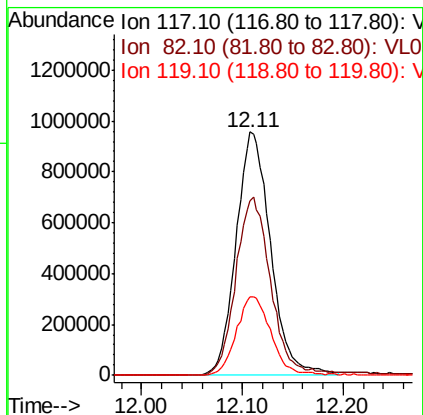
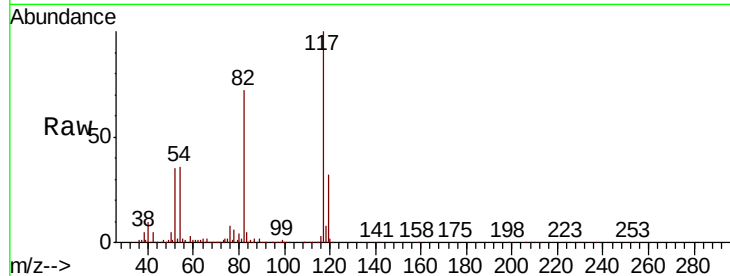




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

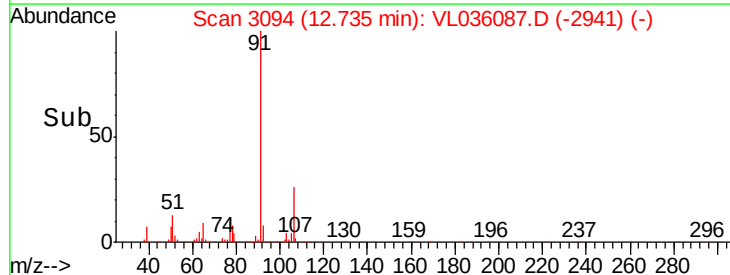
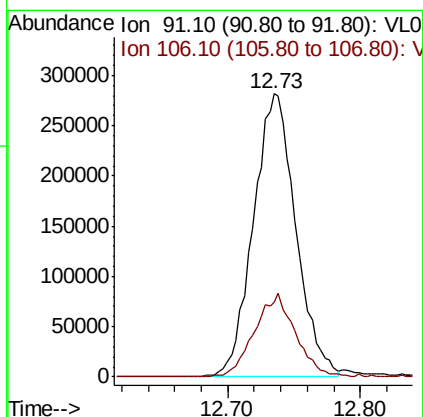
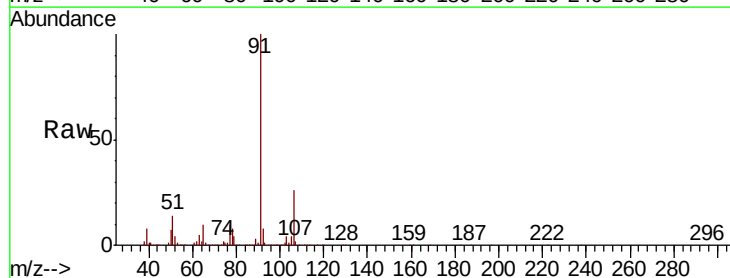
Instrument :
MSVOA_L
ClientSampleId :
IA-2B

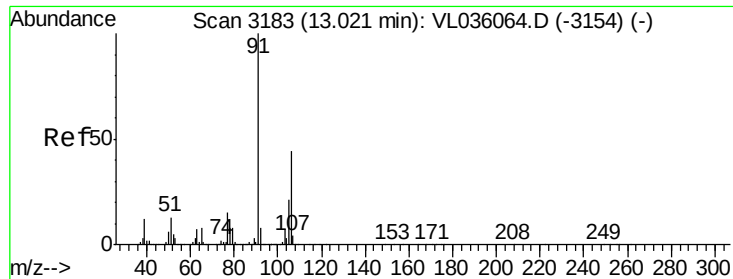
Tot Ion:117 Resp: 2274872
Ion Ratio Lower Upper
117 100
82 76.0 0.0 0.0#
119 32.8 0.0 0.0#



#58
Ethyl Benzene
Concen: 2.019 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. -0.01 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

Tgt Ion: 91 Resp: 629529
Ion Ratio Lower Upper
91 100
106 26.2 23.0 34.4

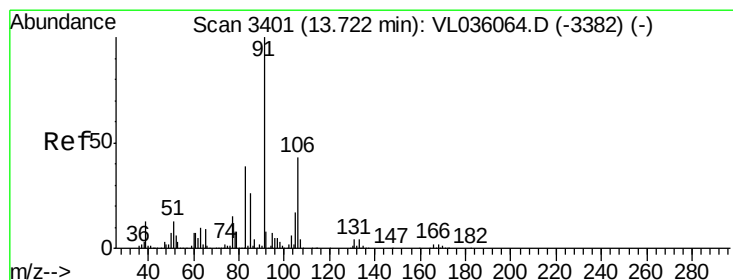
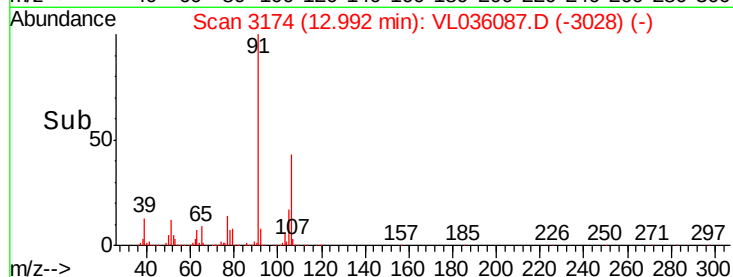
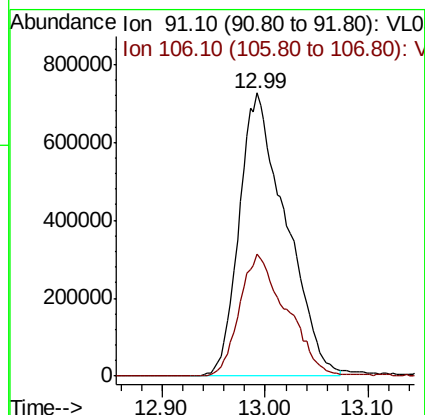
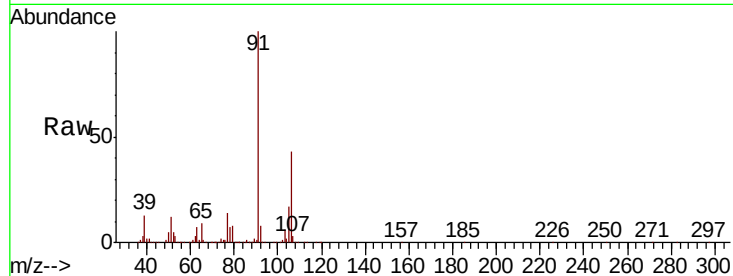




#59
m/p-Xylene
Concen: 8.686 ppbv
RT: 12.99 min Scan# 3174
Delta R.T. -0.03 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

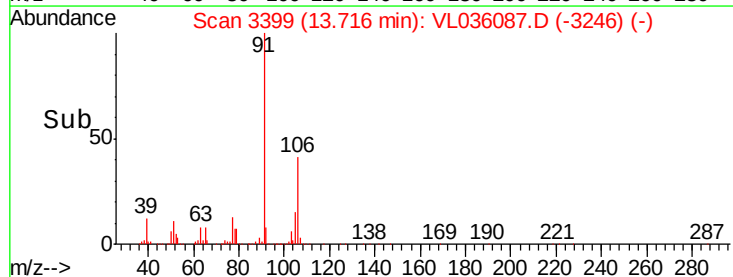
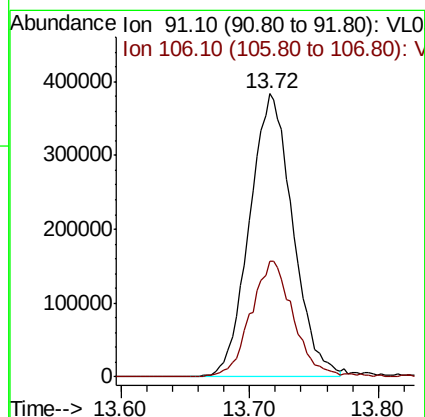
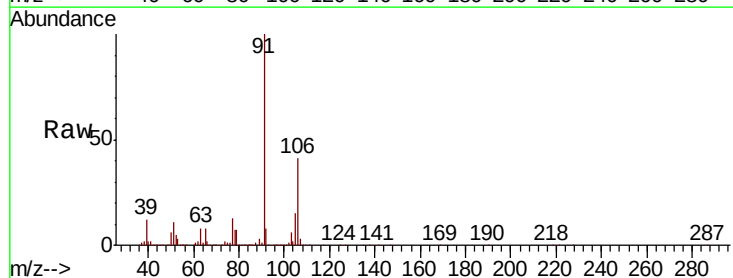
Instrument :
MSVOA_L
ClientSampleId :
IA-2B

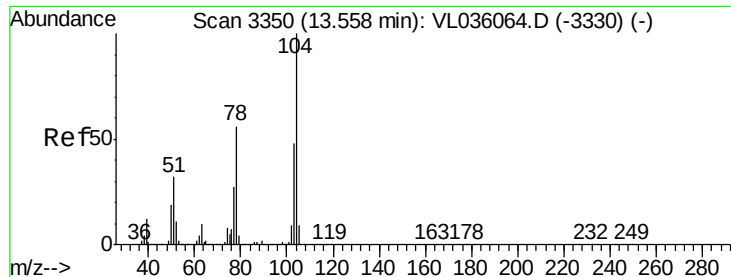
Tot Ion: 91 Resp: 2280771
Ion Ratio Lower Upper
91 100
106 44.1 33.6 50.4



#60
o-Xylene
Concen: 3.624 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. -0.01 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

Tgt Ion: 91 Resp: 896564
Ion Ratio Lower Upper
91 100
106 40.8 21.6 64.6

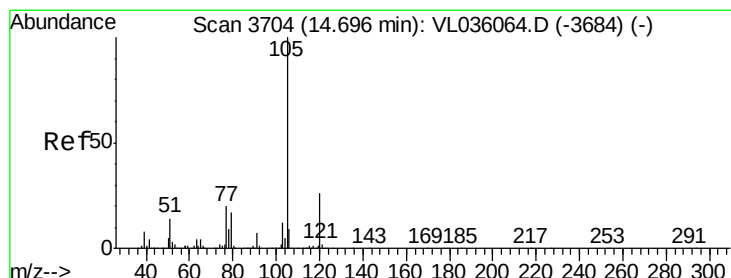
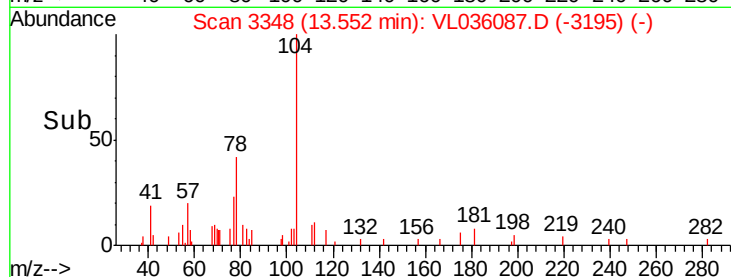
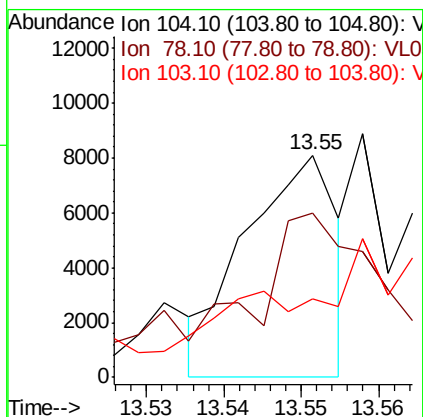
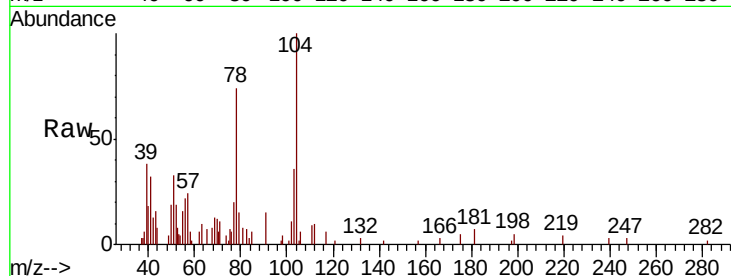




#61
Stvrene
Concen: 0.042 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. -0.01 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

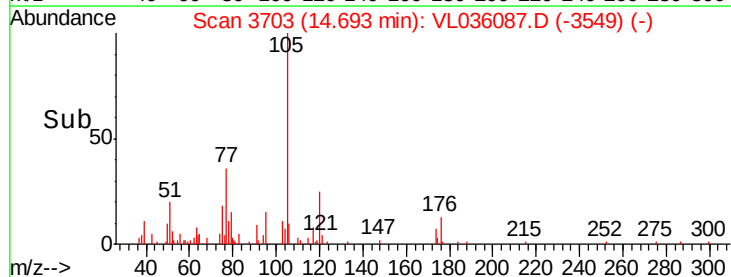
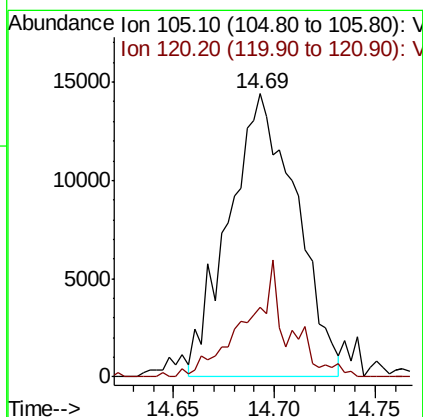
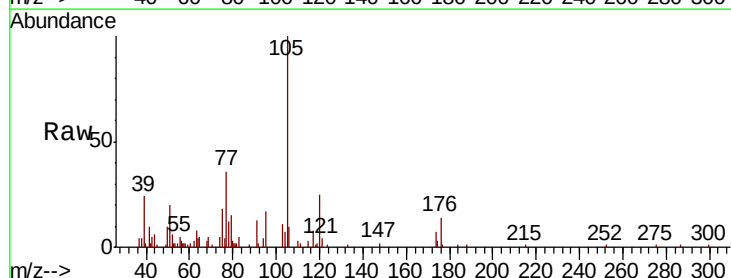
Instrument :
MSVOA_L
ClientSampled :
IA-2B

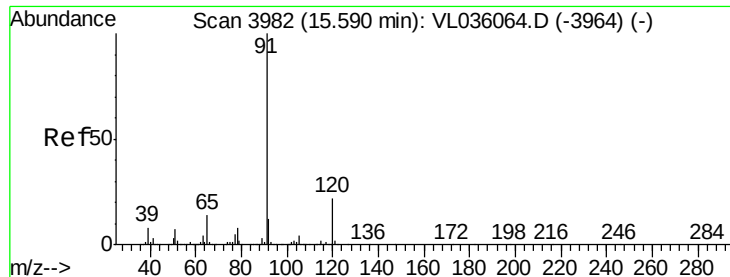
Tot Ion:104 Resp: 6671
Ion Ratio Lower Upper
104 100
78 146.3 45.8 68.8#
103 0.0 38.6 57.8#



#62
Isopropylbenzene
Concen: 0.092 ppbv
RT: 14.69 min Scan# 3703
Delta R.T. -0.00 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

Tgt Ion:105 Resp: 33573
Ion Ratio Lower Upper
105 100
120 26.1 20.1 30.1

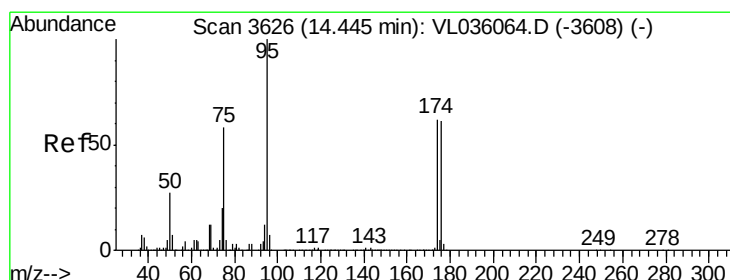
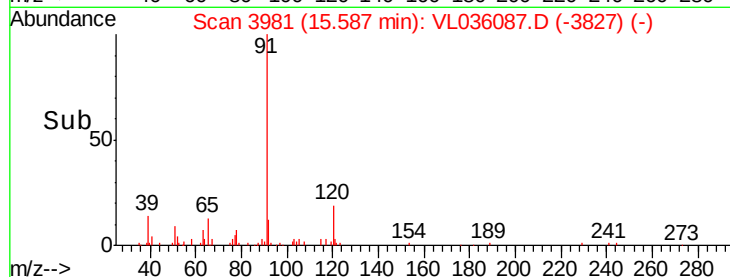
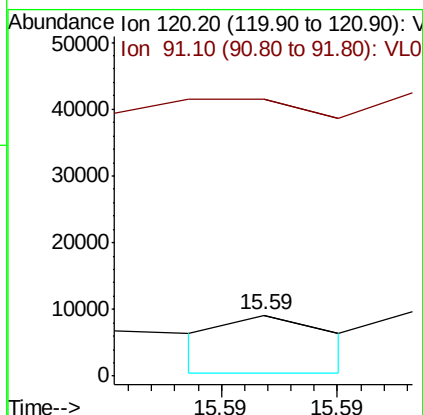
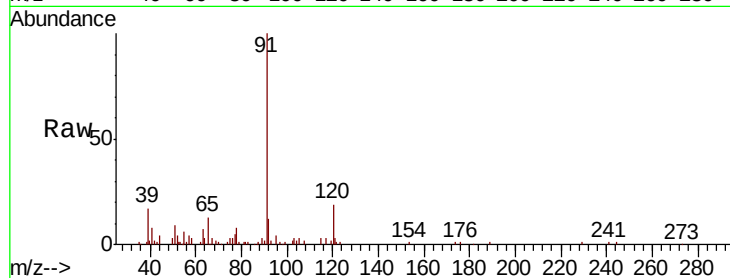




#64
n-propylbenzene
Concen: 0.032 ppbv
RT: 15.59 min Scan# 3981
Delta R.T. -0.00 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

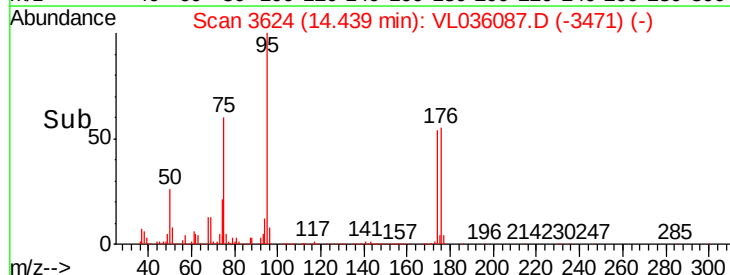
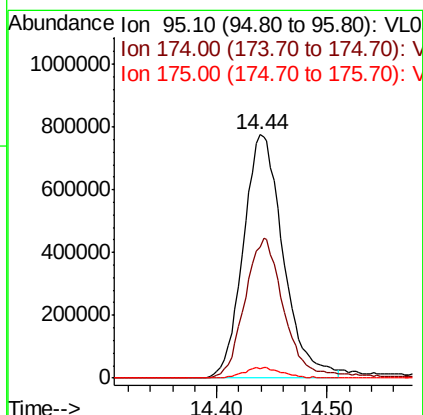
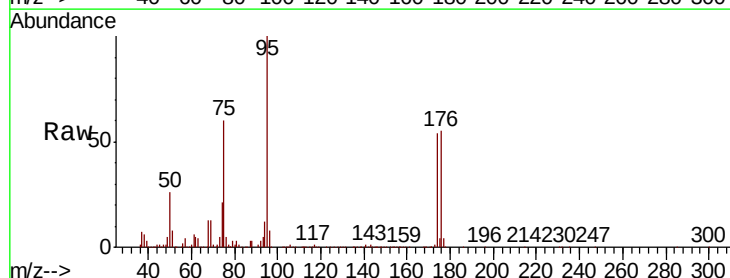
Instrument :
MSVOA_L
ClientSampleId :
IA-2B

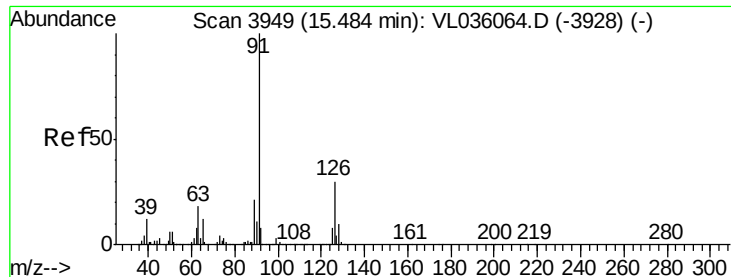
Tot Ion:120 Resp: 2828
Ion Ratio Lower Upper
120 100
91 0.0 388.9 583.3#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.759 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL036087.D
Acq: 8 Dec 2020 5:44

Tgt Ion: 95 Resp: 1943438
Ion Ratio Lower Upper
95 100
174 58.5 50.7 76.1
175 4.3 4.0 6.0

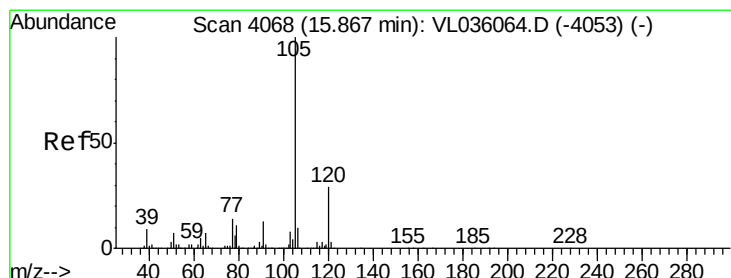
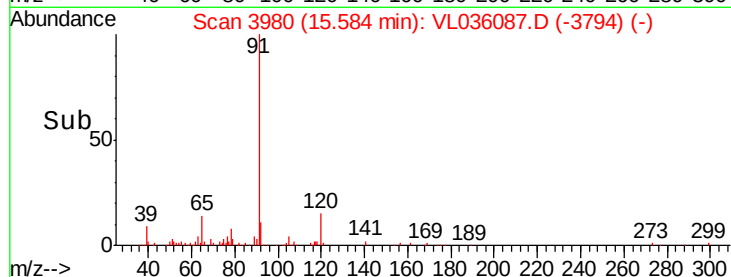
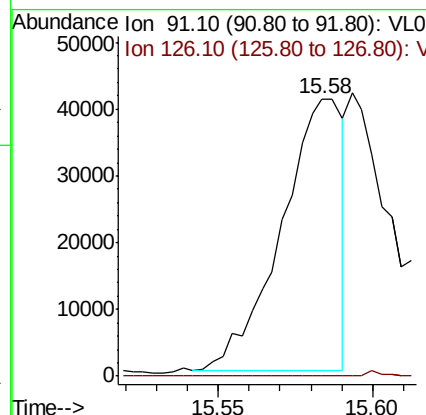
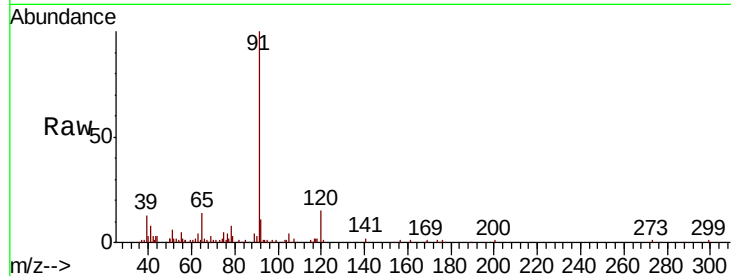




#71
 2-Chlorotoluene
 Concen: 0.203 ppbv
 RT: 15.58 min Scan# 3980
 Delta R.T. 0.10 min
 Lab File: VL036087.D
 Acq: 8 Dec 2020 5:44

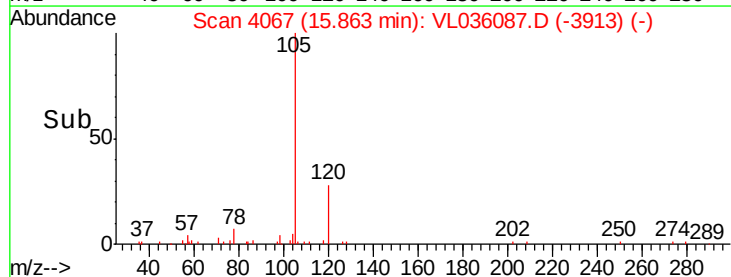
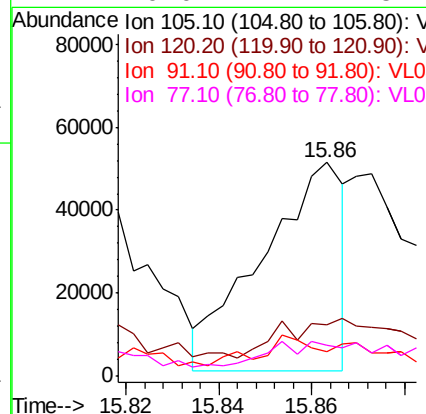
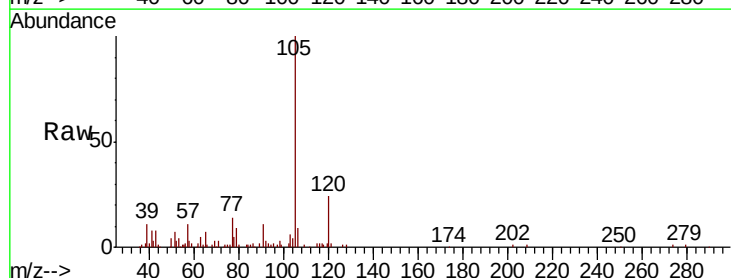
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2B

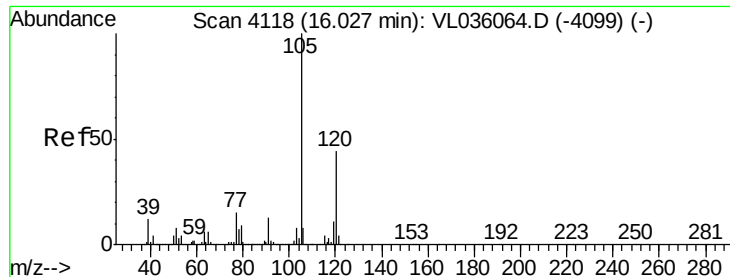
Tot Ion: 91 Resp: 56208
 Ion Ratio Lower Upper
 91 100
 126 1.5 11.6 46.4#



#72
 4-Ethyltoluene
 Concen: 0.229 ppbv
 RT: 15.86 min Scan# 4067
 Delta R.T. -0.00 min
 Lab File: VL036087.D
 Acq: 8 Dec 2020 5:44

Tgt Ion: 105 Resp: 61353
 Ion Ratio Lower Upper
 105 100
 120 52.7 23.6 35.4#
 91 32.6 11.4 17.0#
 77 29.0 12.1 18.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.257 ppbv

RT: 16.02 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VL036087.D

Acq: 8 Dec 2020 5:44

Instrument :

MSVOA_L

ClientSampled :

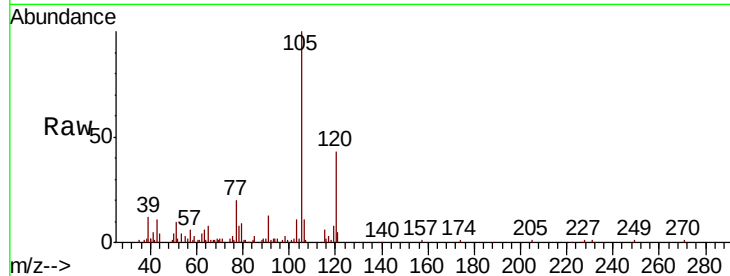
IA-2B

Tot Ion:105 Resp: 65899

Ion Ratio Lower Upper

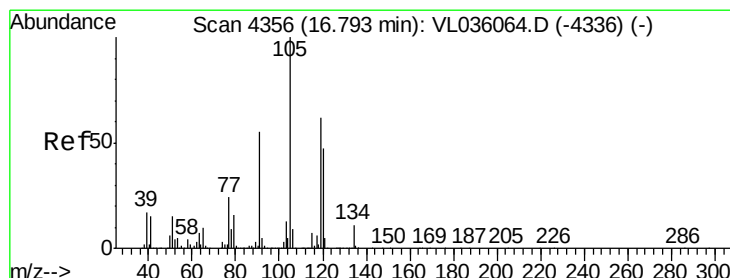
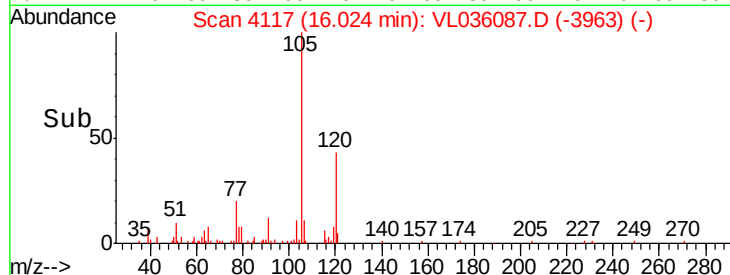
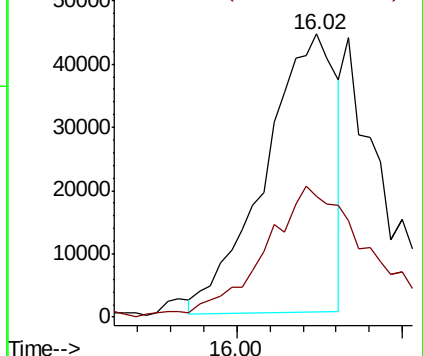
105 100

120 43.4 35.4 53.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 1.419 ppbv

RT: 16.79 min Scan# 4355

Delta R.T. -0.00 min

Lab File: VL036087.D

Acq: 8 Dec 2020 5:44

Tgt Ion:105 Resp: 364634

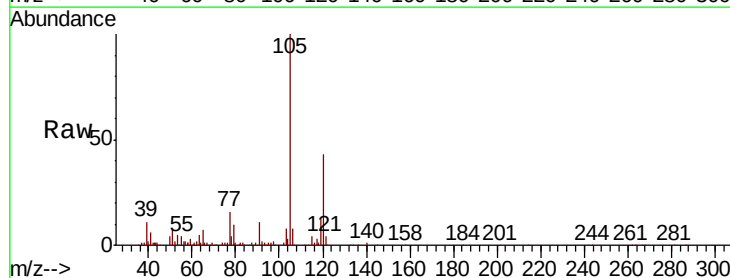
Ion Ratio Lower Upper

105 100

120 42.5 37.4 56.0

91 10.5 45.6 68.4#

77 16.0 19.4 29.2#

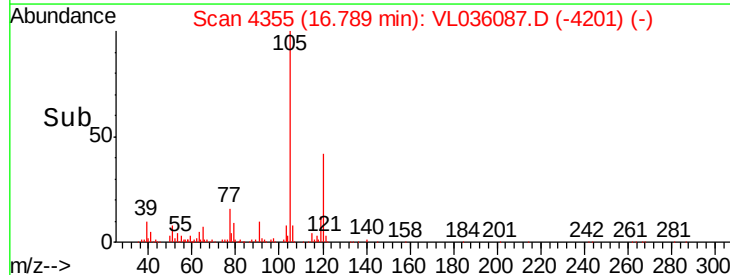
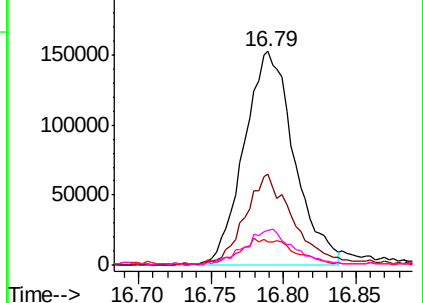


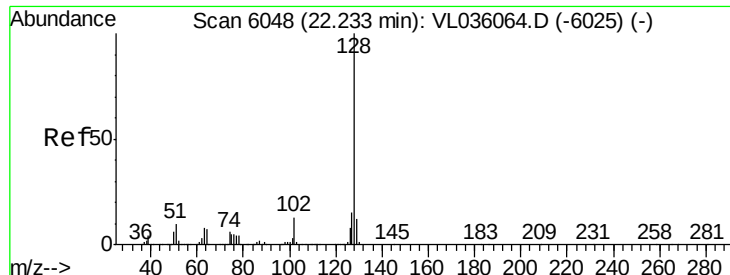
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#79

Naphthalene

Concen: 0.046 ppbv

RT: 22.23 min Scan# 6048

Delta R.T. -0.00 min

Lab File: VL036087.D

Acq: 8 Dec 2020 5:44

Instrument :

MSVOA_L

ClientSampleId :

IA-2B

Tot Ion:128 Resp: 6003

Ion Ratio Lower Upper

128 100

127 11.1 11.7 17.5#

129 10.6 9.3 13.9

