

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037232.D
 Acq On : 23 Jun 2021 1:10
 Operator : SY/AP
 Sample : M2807-03 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 23 04:10:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1794329	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4975937	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4443046	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	3328448	9.89	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%	

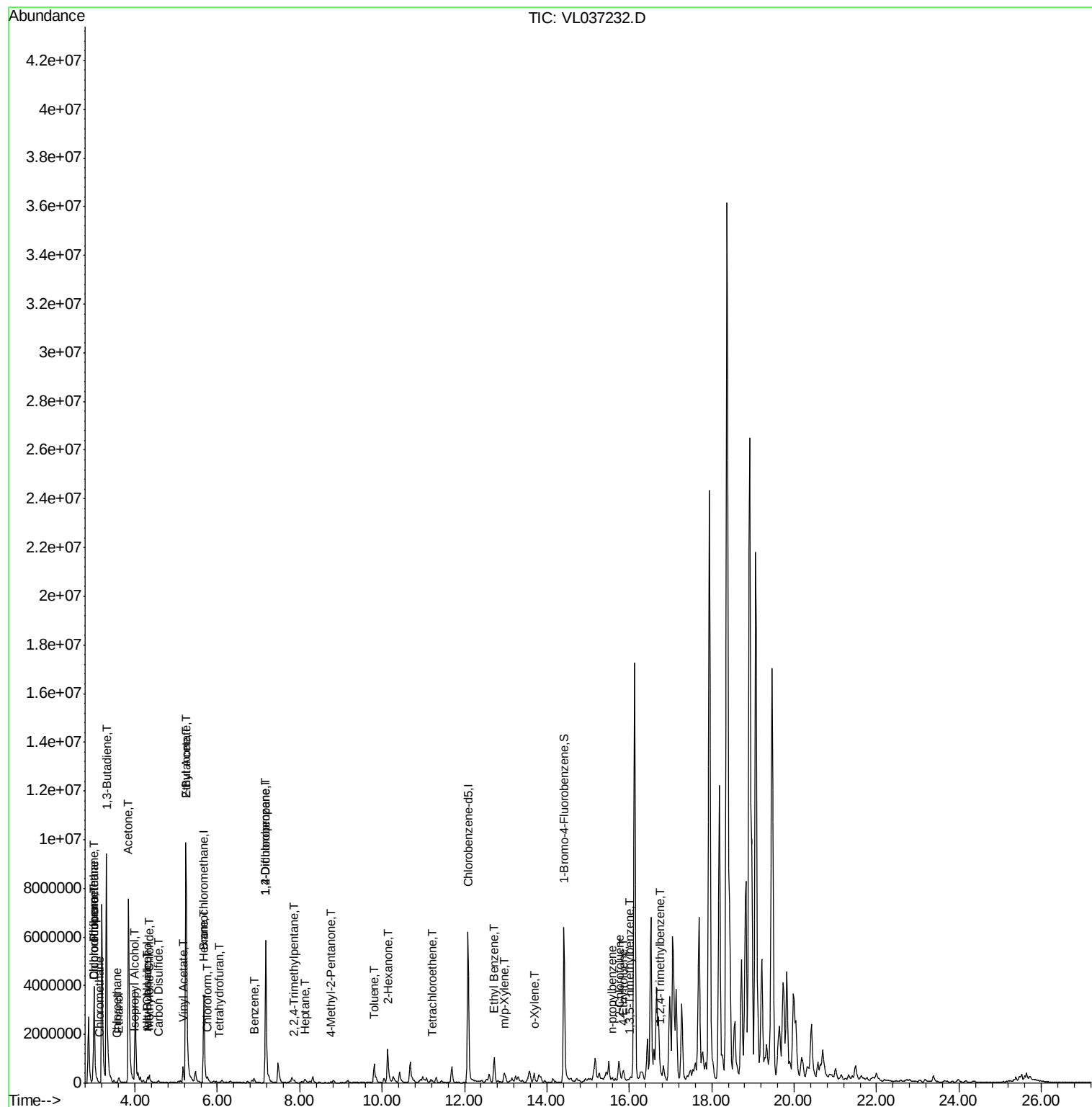
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.99	85	8714	0.028	ppbv	99
3) Chlorodifluoromethane	2.99	51	1109313	3.179	ppbv	99
4) Chloromethane	3.13	50	14835	0.128	ppbv	89
7) Chloroethane	3.56	64	1127	0.025	ppbv #	69
9) Propene	3.01	41	2128463	19.079	ppbv	97
10) Heptane	8.12	43	60497	0.224	ppbv	94
13) Ethanol	3.61	45	282982	16.398	ppbv	53
15) Acetone	3.84	43	10395776	51.377	ppbv	90
16) 1,3-Butadiene	3.31	39	3145227	26.293	ppbv #	18
17) tert-Butyl alcohol	4.30	59	188635	1.009	ppbv #	94
19) Isopropyl Alcohol	3.97	45	52205	0.426	ppbv #	91
20) Methylene Chloride	4.35	84	110279	0.910	ppbv	96
21) Allyl Chloride	4.30	41	73706	0.483	ppbv #	64
23) Vinyl Acetate	5.17	43	226234	0.780	ppbv #	22
25) Ethyl Acetate	5.24	43	14657611	33.461	ppbv #	76
26) Hexane	5.69	57	130064	0.587	ppbv #	1
27) Carbon Disulfide	4.56	76	17074	0.079	ppbv #	47
29) Chloroform	5.76	83	42633	0.125	ppbv	97
34) 2-Butanone	5.24	43	14657611	75.742	ppbv	92
36) Benzene	6.89	78	142103	0.353	ppbv #	92
39) 1,2-Dichloropropane	7.18	63	1202041	8.039	ppbv #	25
41) Tetrahydrofuran	6.05	42	1822	0.020	ppbv #	35
44) 2,2,4-Trimethylpentane	7.87	57	28077	0.041	ppbv #	42
50) 4-Methyl-2-Pentanone	8.75	43	29808	0.112	ppbv #	81
51) 2-Hexanone	10.14	43	1402263	10.843	ppbv #	97
52) Tetrachloroethene	11.22	164	10604	0.057	ppbv #	75
53) Toluene	9.81	91	678119	1.411	ppbv	98
58) Ethyl Benzene	12.71	91	150537	0.246	ppbv	97
59) m/p-Xylene	12.98	91	197067	0.380	ppbv #	30
60) o-Xylene	13.69	91	68245	0.138	ppbv #	30
64) n-propylbenzene	15.56	120	3636	0.021	ppbv #	1
71) 2-Chlorotoluene	15.76	91	12927	0.026	ppbv	100
72) 4-Ethyltoluene	15.84	105	77051	0.137	ppbv #	91
73) 1,3,5-Trimethylbenzene	16.00	105	46046	0.085	ppbv	92
74) 1,2,4-Trimethylbenzene	16.76	105	216858	0.388	ppbv #	69

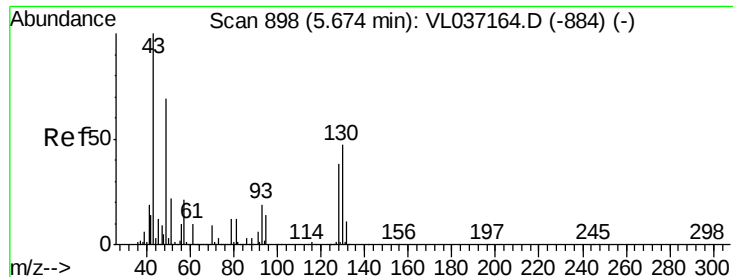
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
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Quant Time: Jun 23 04:10:56 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 16 14:06:32 2021
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL037232.D

Acq: 23 Jun 2021 1:10

Instrument :

MSVOA_L

ClientSampleId :

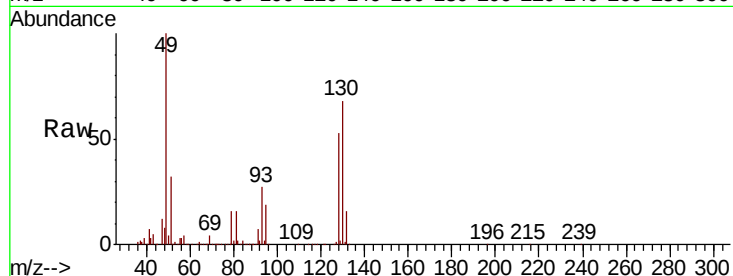
Tot Ion: 49 Resp: 1794329

Ion Ratio Lower Upper

49 100

128 52.4 29.3 88.0

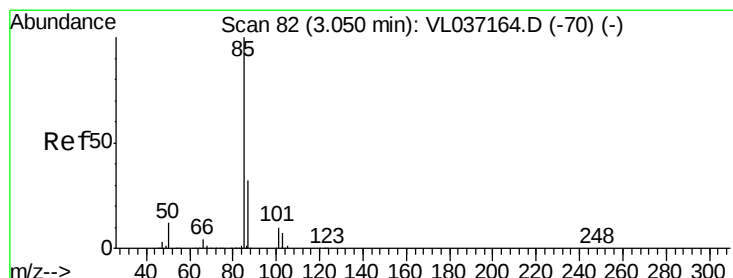
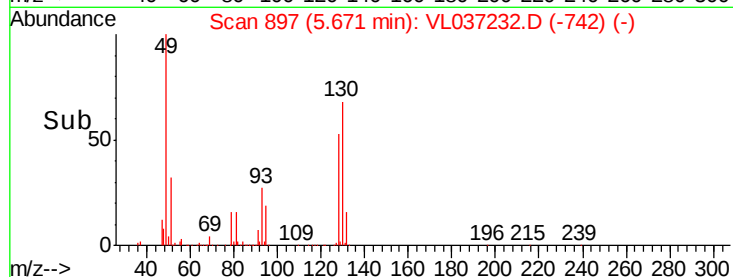
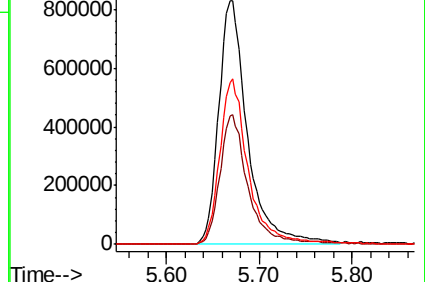
130 68.1 35.9 107.8



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



#2

Dichlorodifluoromethane

Concen: 0.028 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.06 min

Lab File: VL037232.D

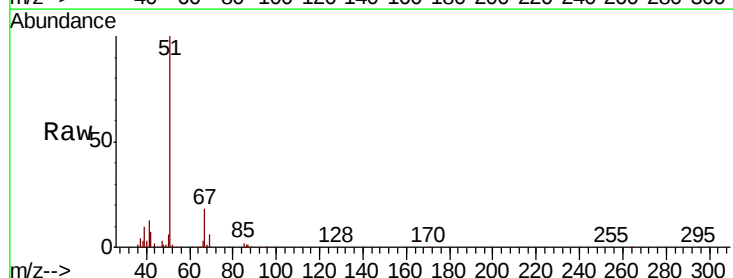
Acq: 23 Jun 2021 1:10

Tgt Ion: 85 Resp: 8714

Ion Ratio Lower Upper

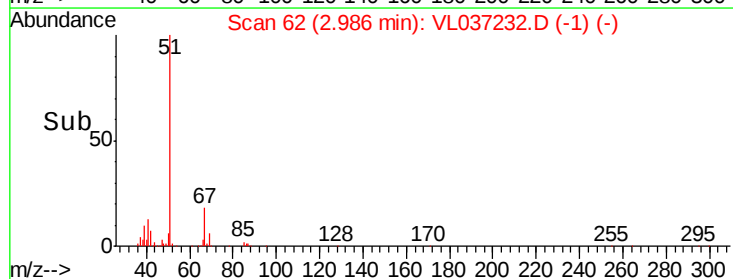
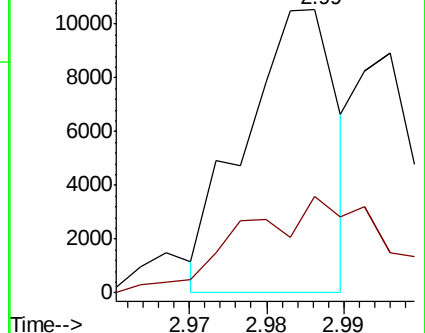
85 100

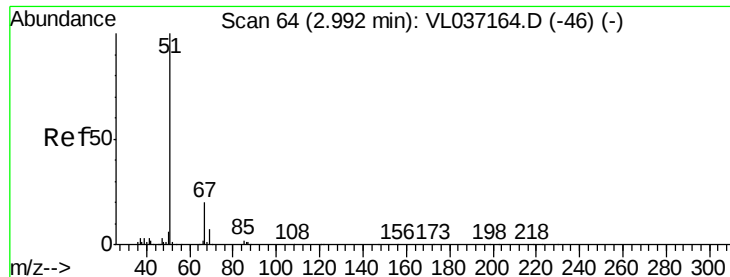
87 33.0 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

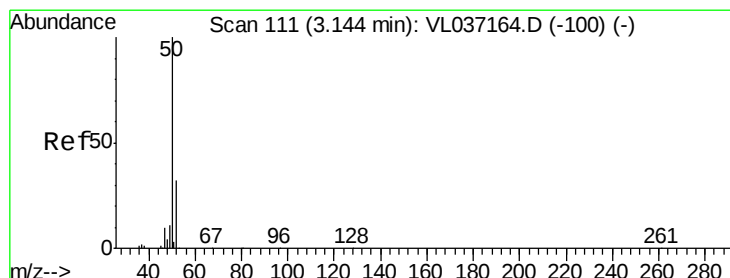
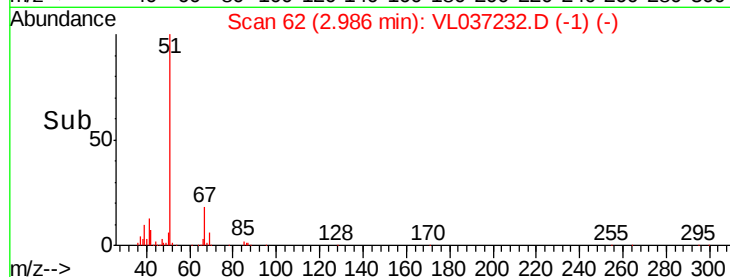
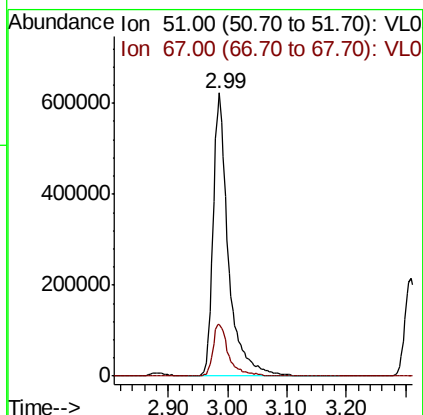
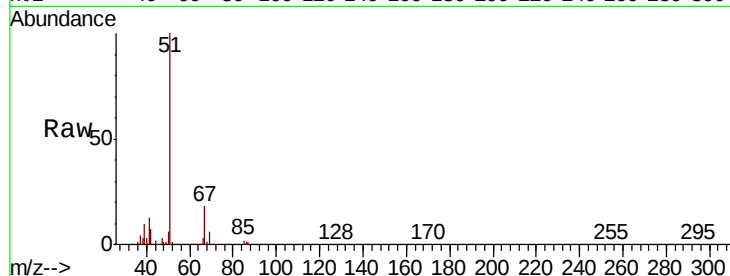




#3
Chlorodifluoromethane
Concen: 3.179 ppbv
RT: 2.99 min Scan# 62
Delta R.T. -0.01 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

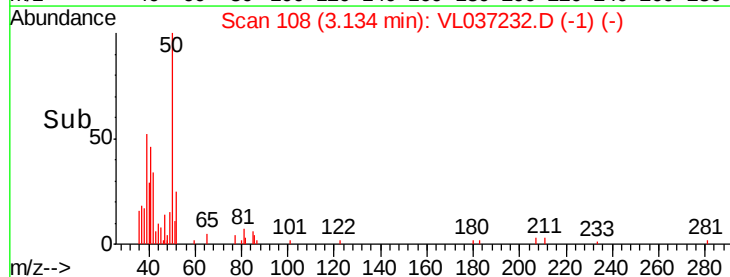
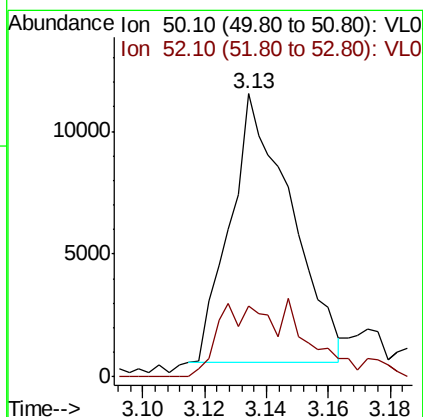
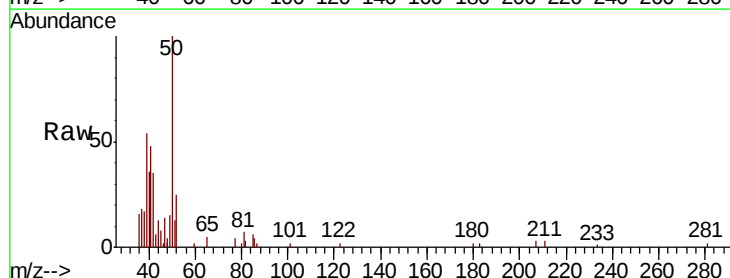
Instrument :
MSVOA_L
ClientSampleId :

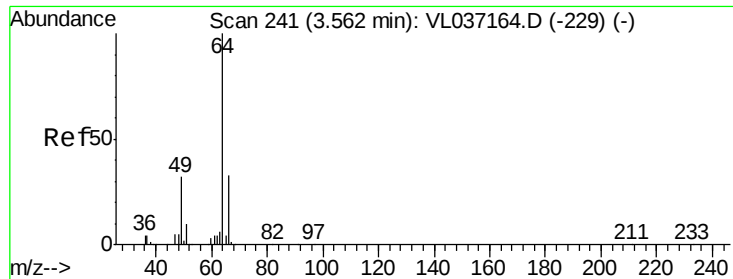
Tot Ion: 51 Resp: 1109313
Ion Ratio Lower Upper
51 100
67 19.0 15.8 23.6



#4
Chloromethane
Concen: 0.128 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

Tgt Ion: 50 Resp: 14835
Ion Ratio Lower Upper
50 100
52 26.3 25.8 38.8





#7

Chloroethane

Concen: 0.025 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VL037232.D

Acq: 23 Jun 2021 1:10

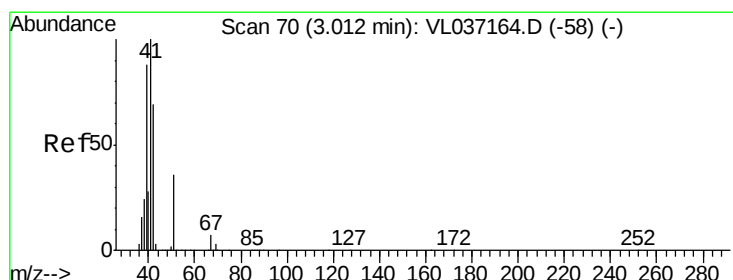
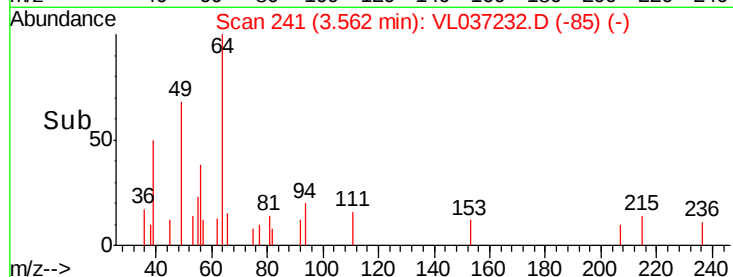
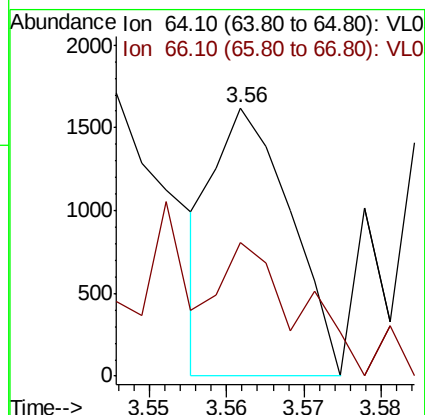
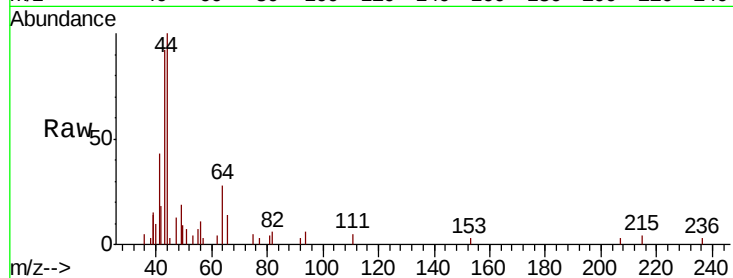
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 64 Resp: 1127

Ion Ratio Lower Upper

64 100

66 50.0 26.2 39.4#



#9

Propene

Concen: 19.079 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL037232.D

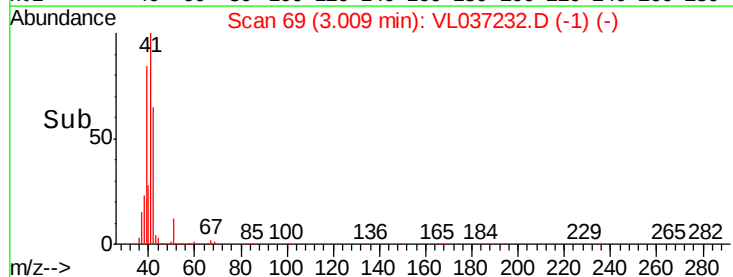
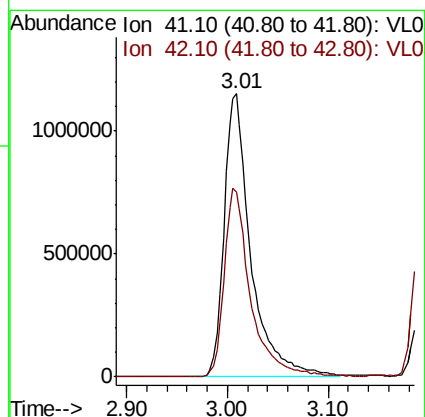
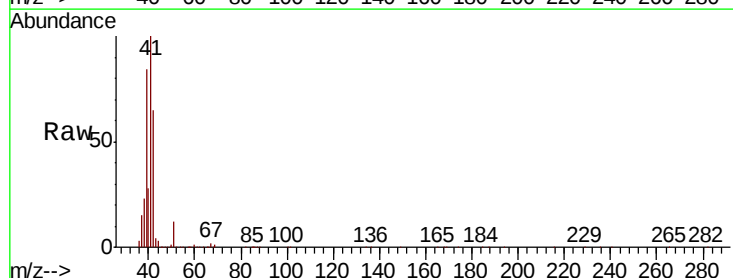
Acq: 23 Jun 2021 1:10

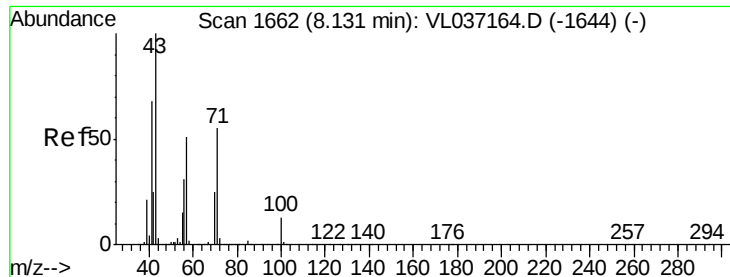
Tgt Ion: 41 Resp: 2128463

Ion Ratio Lower Upper

41 100

42 66.0 54.5 81.7

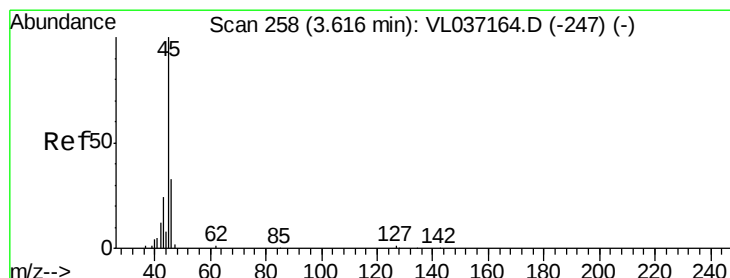
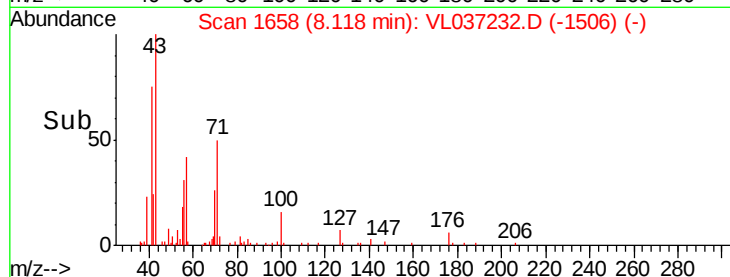
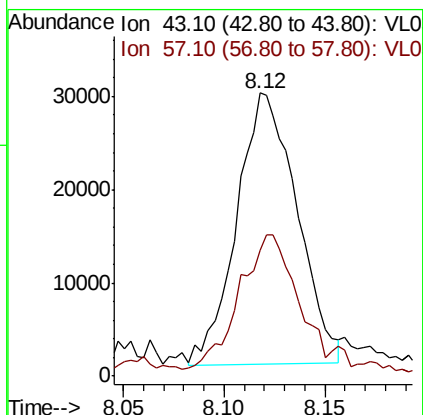
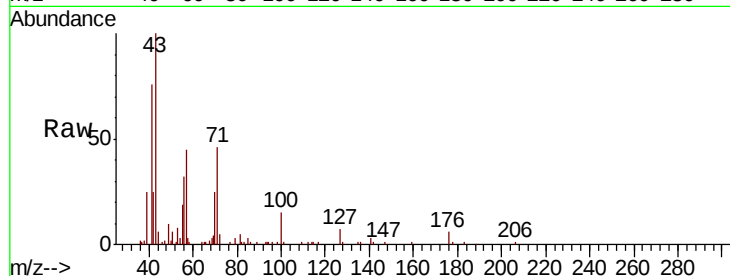




#10
Heptane
Concen: 0.224 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

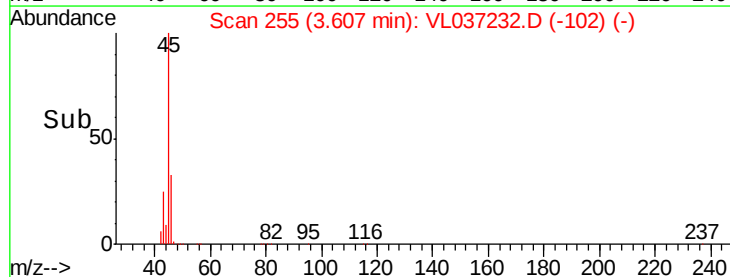
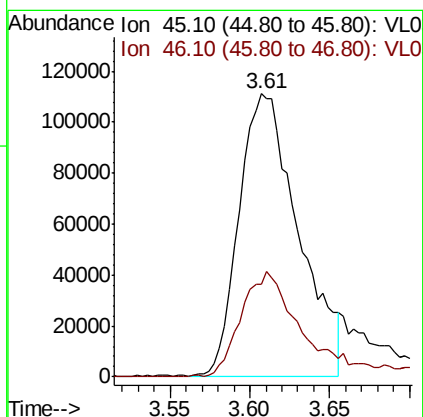
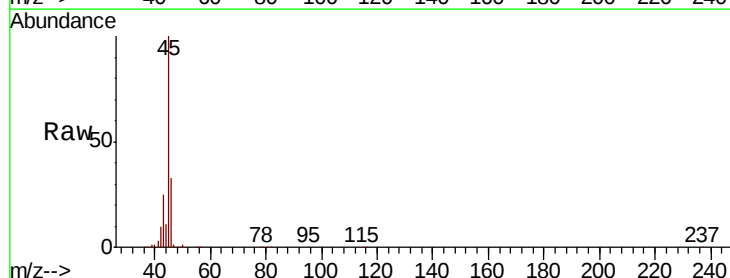
Instrument :
MSVOA_L
ClientSampleId :

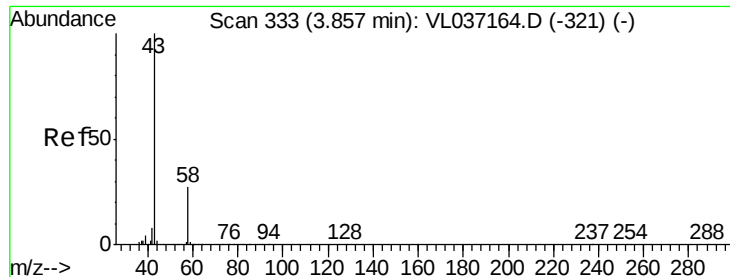
Tot Ion: 43 Resp: 60497
Ion Ratio Lower Upper
43 100
57 55.0 40.6 61.0



#13
Ethanol
Concen: 16.398 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.01 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

Tgt Ion: 45 Resp: 282982
Ion Ratio Lower Upper
45 100
46 42.7 34.2 137.0

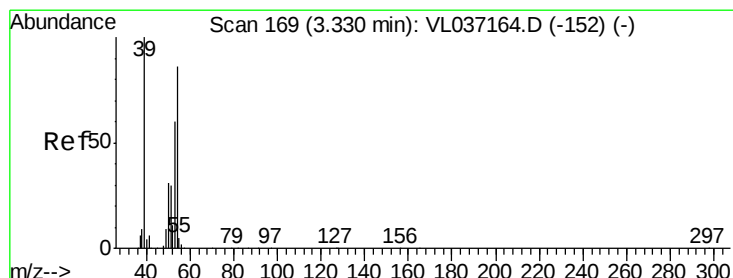
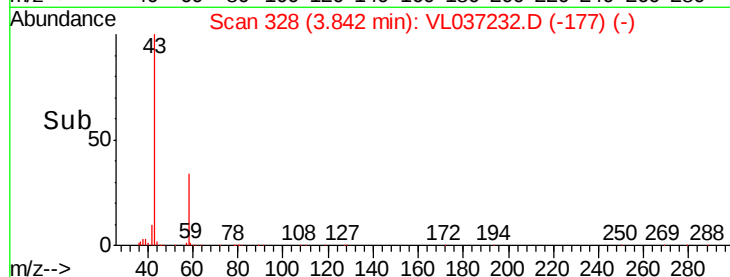
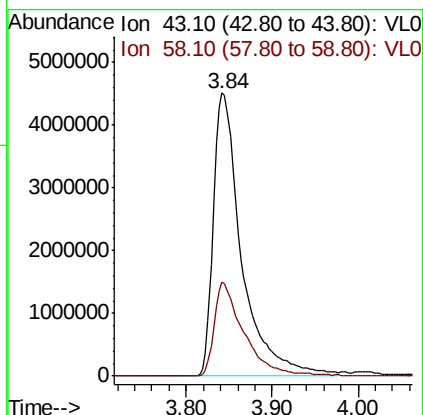
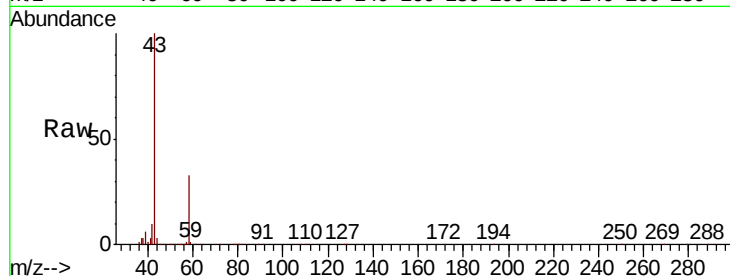




#15
Acetone
Concen: 51.377 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.02 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

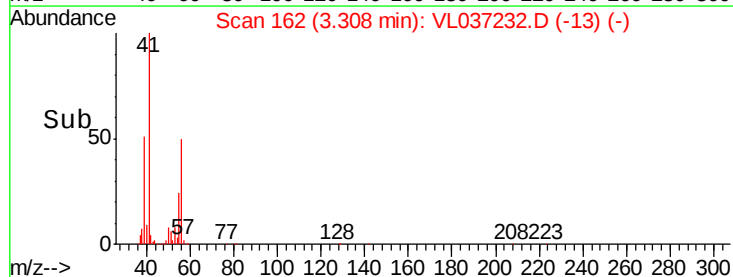
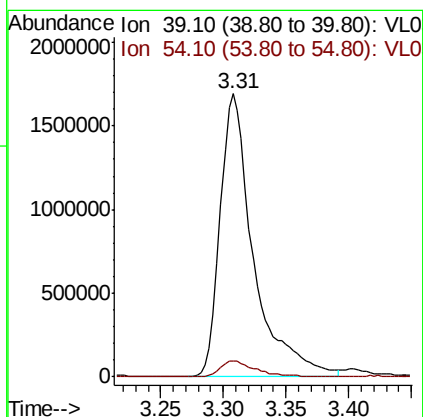
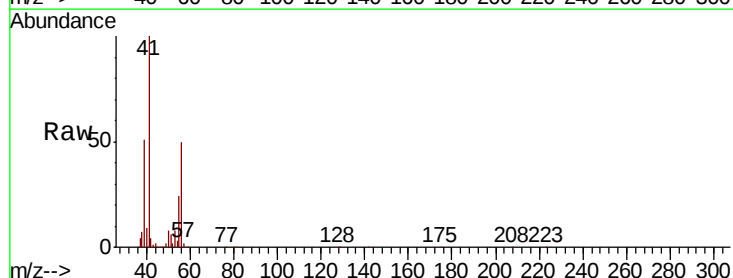
Instrument :
MSVOA_L
ClientSampleId :

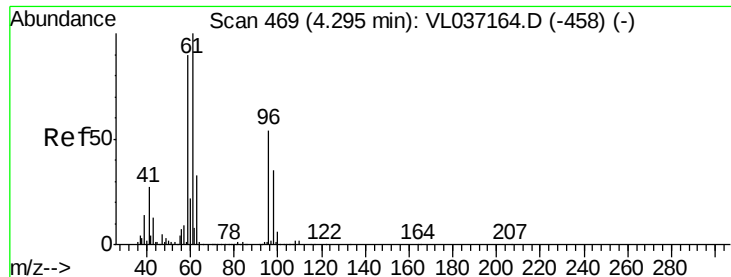
Tot Ion: 43 Resp:10395776
Ion Ratio Lower Upper
43 100
58 35.3 23.7 35.5



#16
1,3-Butadiene
Concen: 26.293 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.02 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

Tgt Ion: 39 Resp: 3145227
Ion Ratio Lower Upper
39 100
54 6.2 61.2 91.8#



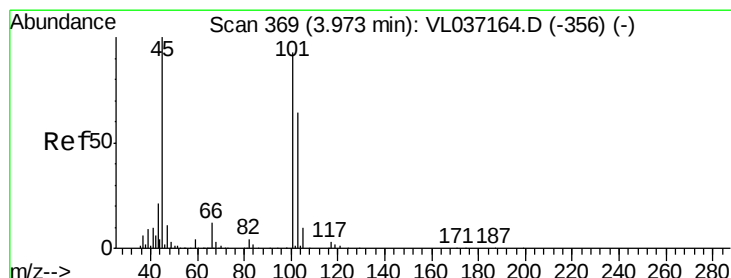
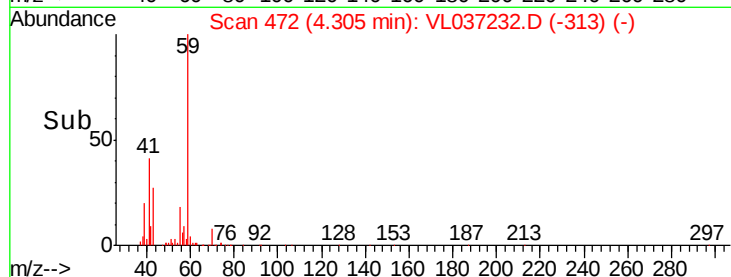
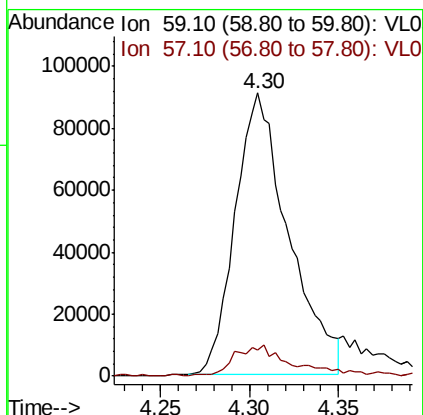
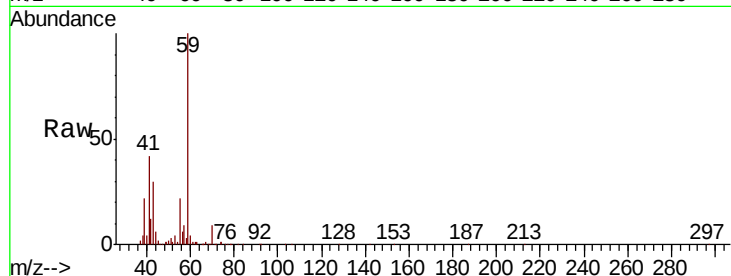


#17

tert-Butyl alcohol
 Concen: 1.009 ppbv
 RT: 4.30 min Scan# 472
 Delta R.T. 0.01 min
 Lab File: VL037232.D
 Acq: 23 Jun 2021 1:10

Instrument :
 MSVOA_L
 ClientSampled :

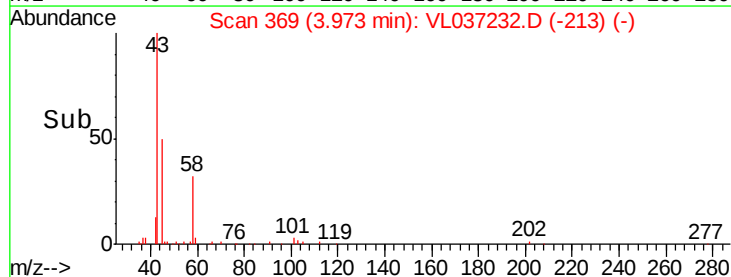
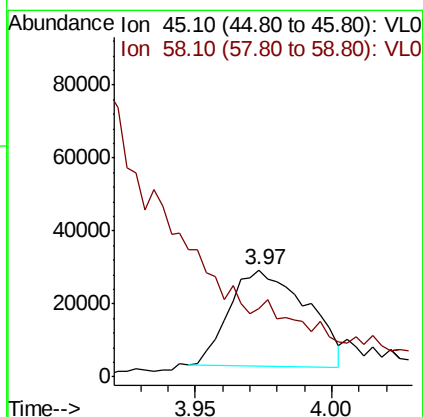
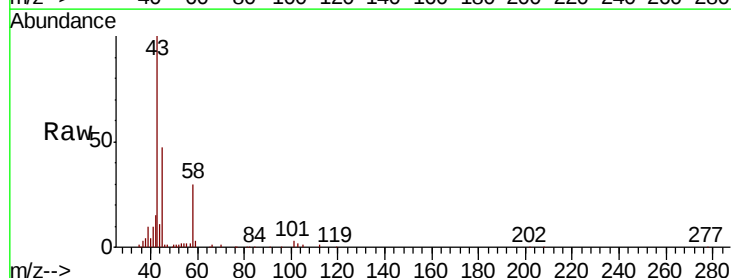
Tot Ion: 59 Resp: 188635
 Ion Ratio Lower Upper
 59 100
 57 13.3 8.8 13.2#

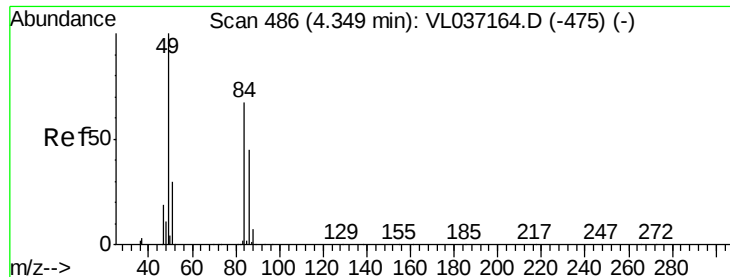


#19

Isopropyl Alcohol
 Concen: 0.426 ppbv
 RT: 3.97 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: VL037232.D
 Acq: 23 Jun 2021 1:10

Tgt Ion: 45 Resp: 52205
 Ion Ratio Lower Upper
 45 100
 58 0.0 2.4 3.6#

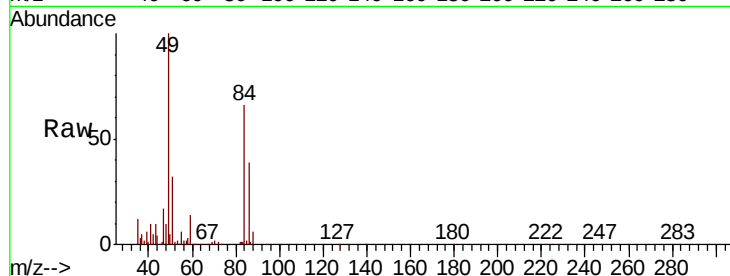




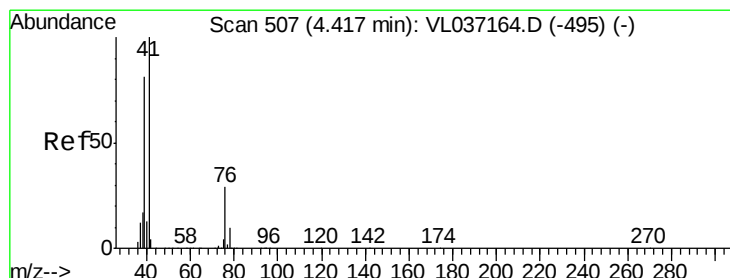
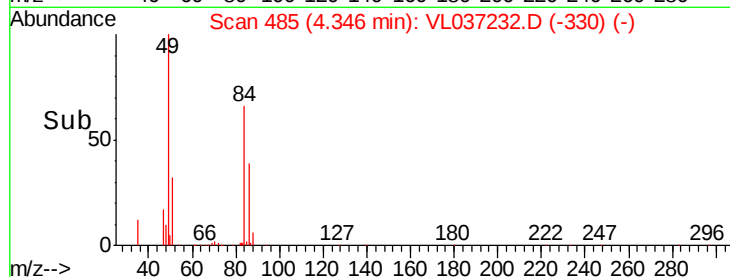
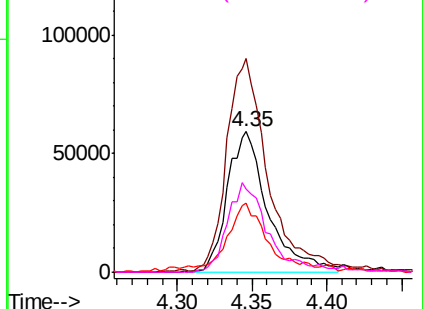
#20
Methylene Chloride
Concen: 0.910 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 110279
Ion Ratio Lower Upper
84 100
49 151.8 119.7 179.5
51 48.1 36.1 54.1
86 59.5 53.7 80.5

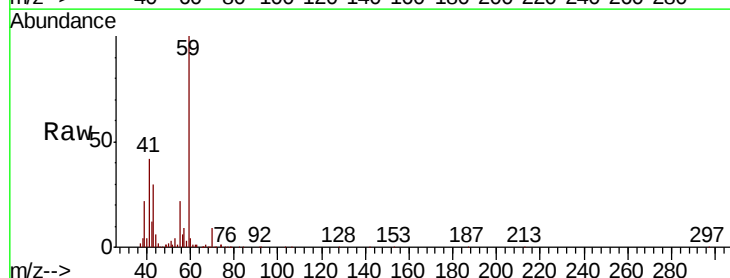


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

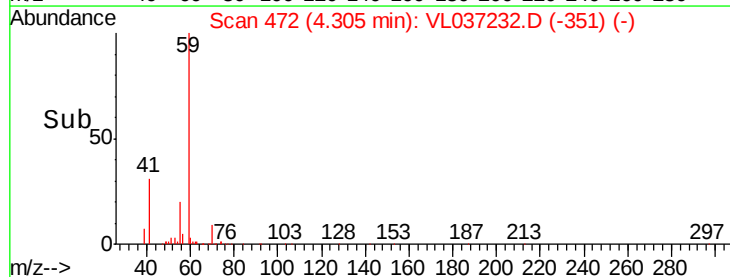
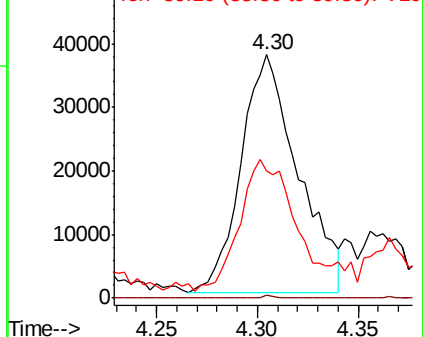


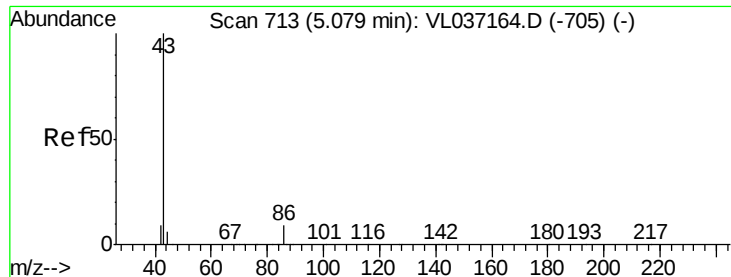
#21
Allyl Chloride
Concen: 0.483 ppbv
RT: 4.30 min Scan# 472
Delta R.T. -0.11 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

Tgt Ion: 41 Resp: 73706
Ion Ratio Lower Upper
41 100
76 0.0 24.6 37.0#
39 56.6 65.4 98.0#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0

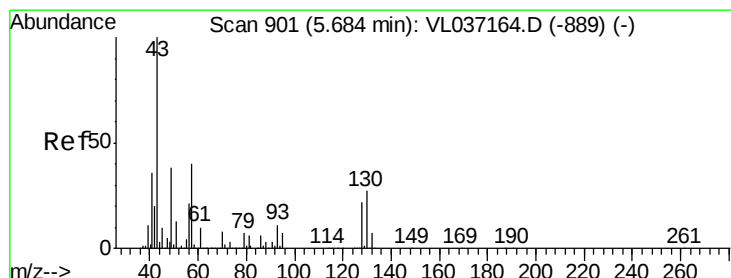
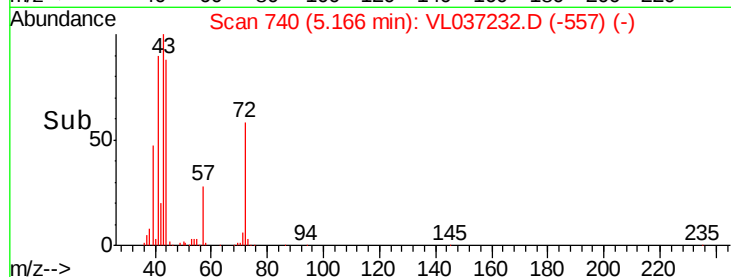
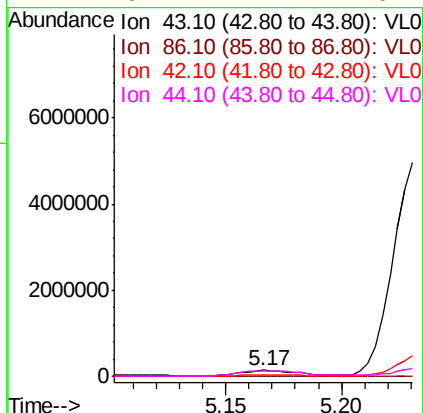
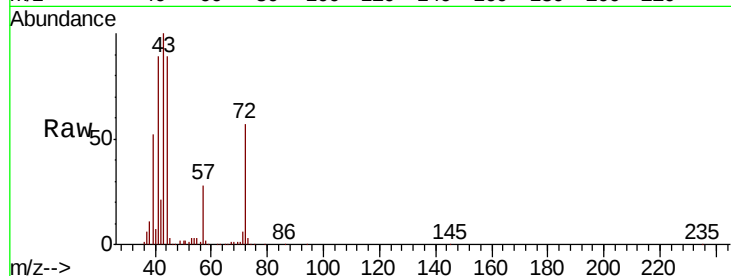




#23
 Vinyl Acetate
 Concen: 0.780 ppbv
 RT: 5.17 min Scan# 740
 Delta R.T. 0.09 min
 Lab File: VL037232.D
 Acq: 23 Jun 2021 1:10

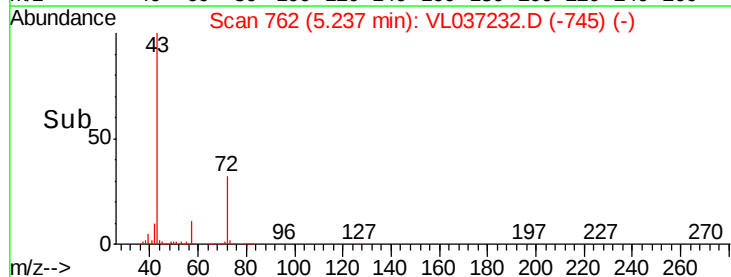
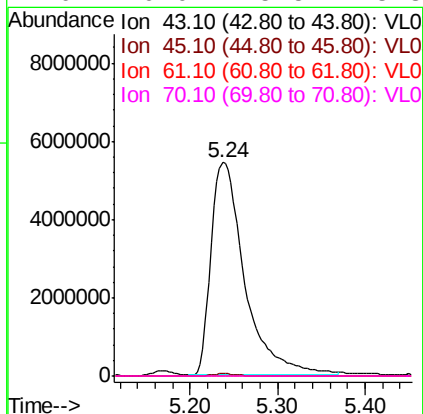
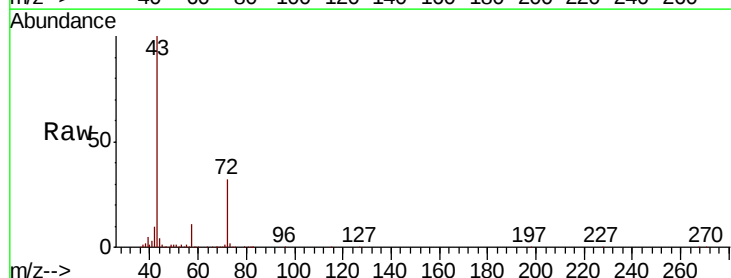
Instrument :
 MSVOA_L
 ClientSampleId :

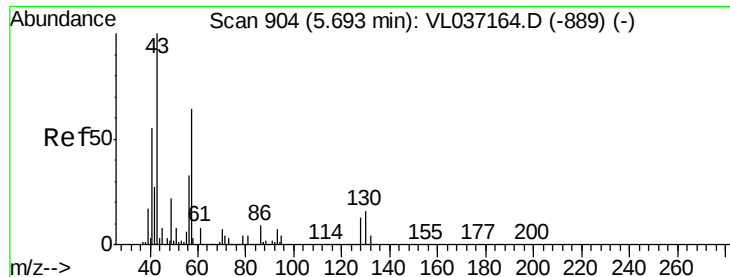
Tot Ion: 43 Resp: 226234
 Ion Ratio Lower Upper
 43 100
 86 0.4 5.8 8.8#
 42 20.1 8.2 12.2#
 44 91.4 4.2 6.4#



#25
 Ethyl Acetate
 Concen: 33.461 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.45 min
 Lab File: VL037232.D
 Acq: 23 Jun 2021 1:10

Tgt Ion: 43 Resp: 14657611
 Ion Ratio Lower Upper
 43 100
 45 0.8 8.0 12.0#
 61 0.0 8.1 12.1#
 70 0.0 5.5 8.3#

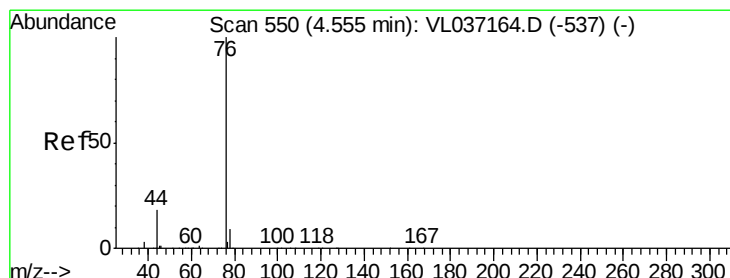
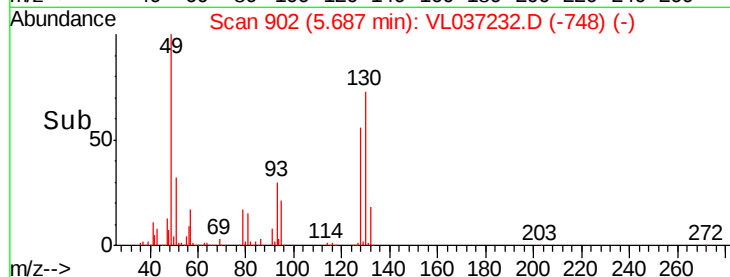
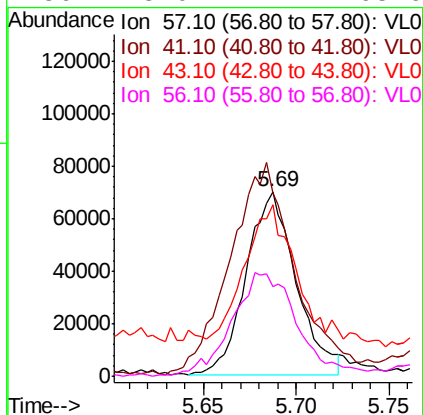
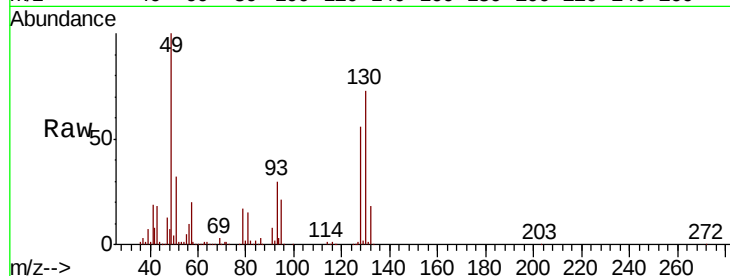




#26
Hexane
Concen: 0.587 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

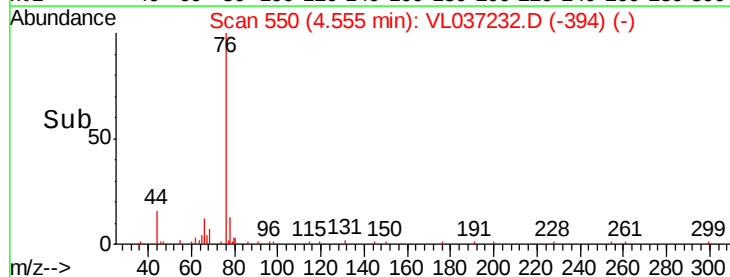
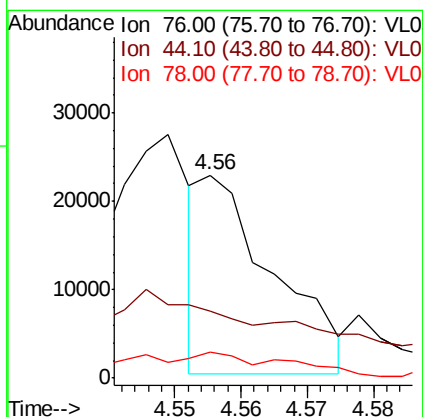
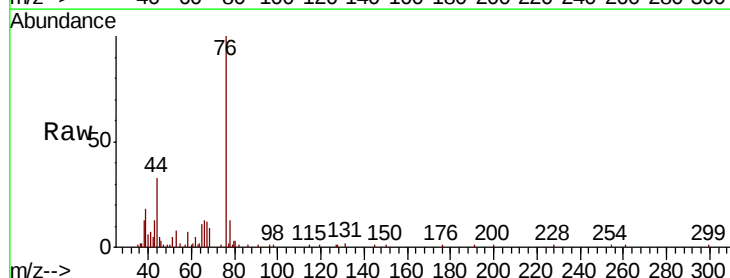
Instrument :
MSVOA_L
ClientSampled :

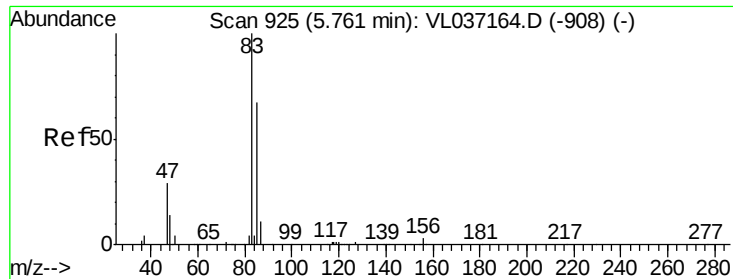
Tot Ion: 57 Resp: 130064
Ion Ratio Lower Upper
57 100
41 149.8 73.5 110.3#
43 0.0 170.7 256.1#
56 75.0 42.4 63.6#



#27
Carbon Disulfide
Concen: 0.079 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.00 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

Tgt Ion: 76 Resp: 17074
Ion Ratio Lower Upper
76 100
44 0.0 15.4 23.2#
78 37.4 8.0 12.0#

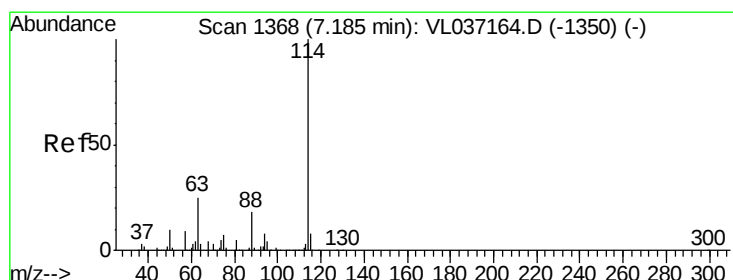
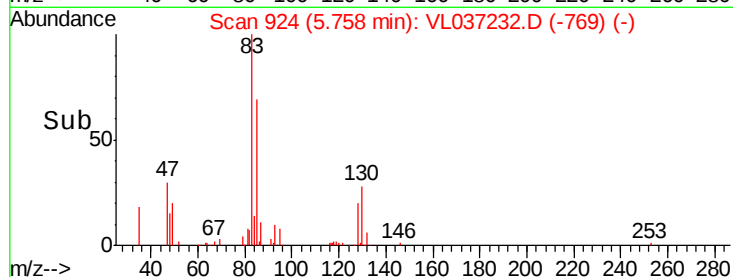
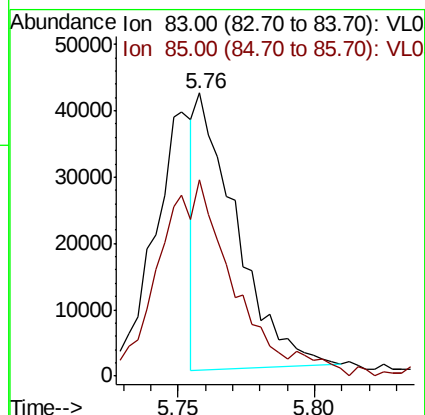
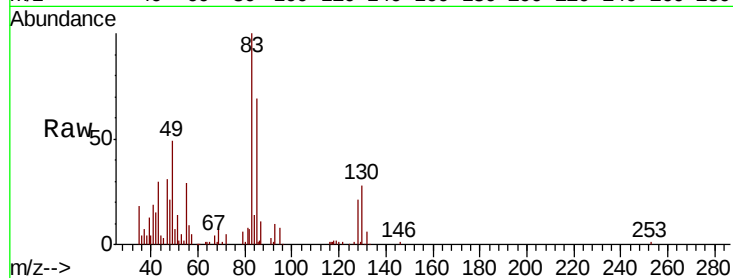




#29
Chloroform
Concen: 0.125 ppbv
RT: 5.76 min Scan# 924
Delta R.T. -0.00 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

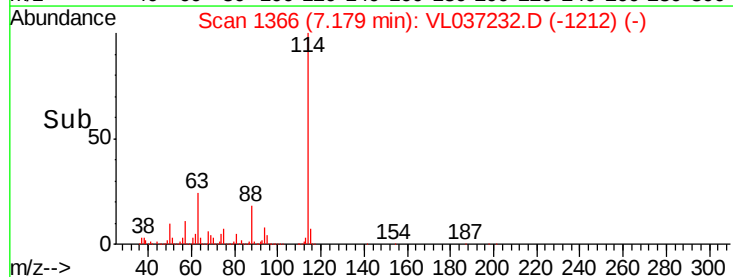
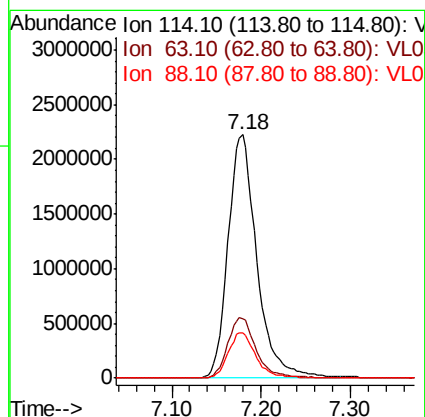
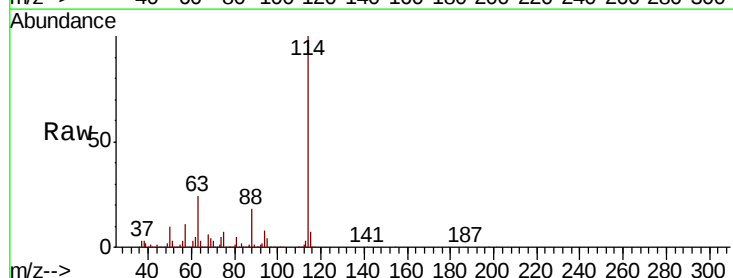
Instrument :
MSVOA_L
ClientSampleId :

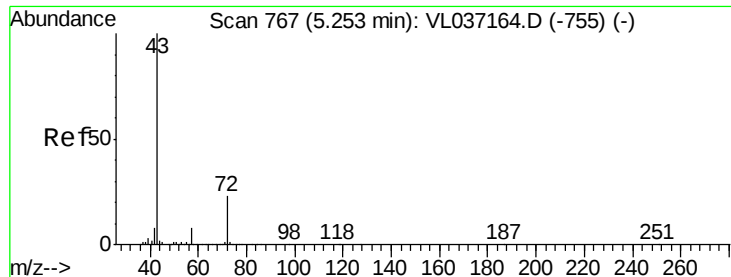
Tot Ion: 83 Resp: 42633
Ion Ratio Lower Upper
83 100
85 69.6 53.6 80.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

Tgt Ion: 114 Resp: 4975937
Ion Ratio Lower Upper
114 100
63 24.6 19.6 29.4
88 18.1 14.2 21.2

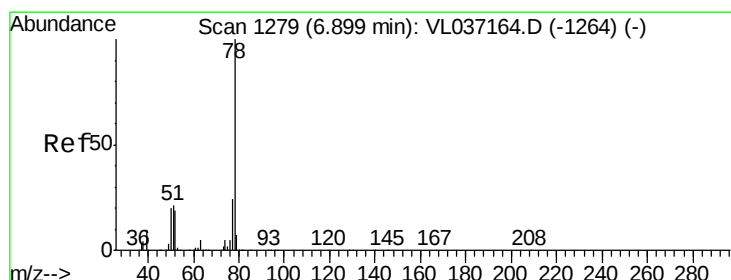
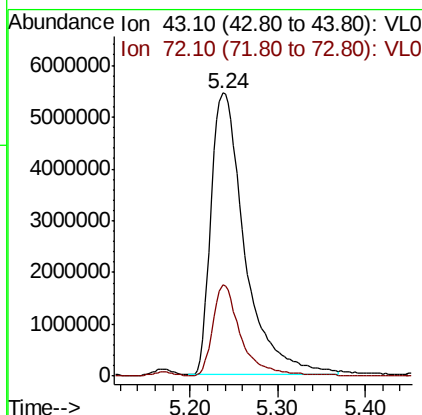
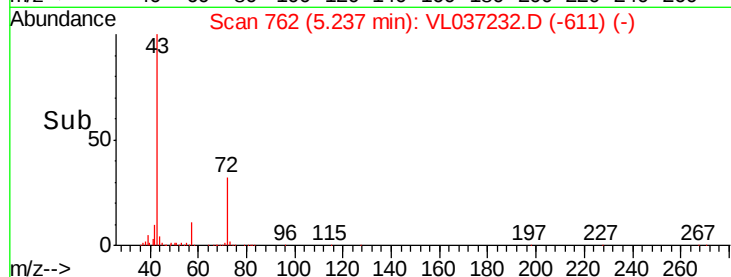
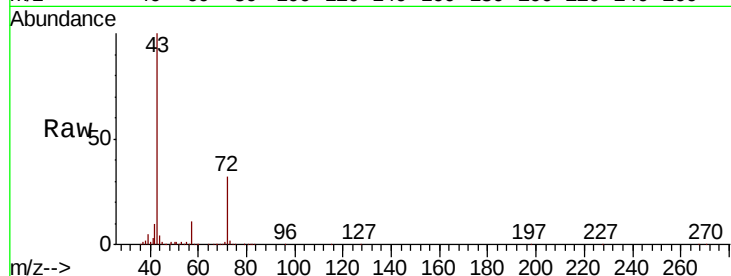




#34
2-Butanone
Concen: 75.742 ppbv
RT: 5.24 min Scan# 762
Delta R.T. -0.02 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

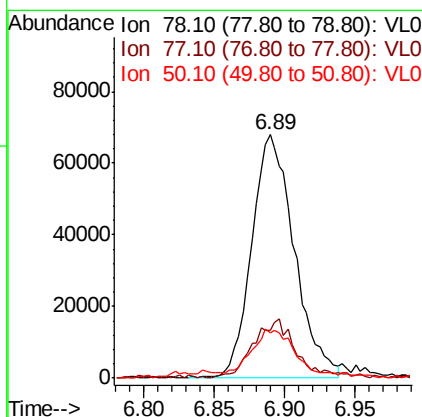
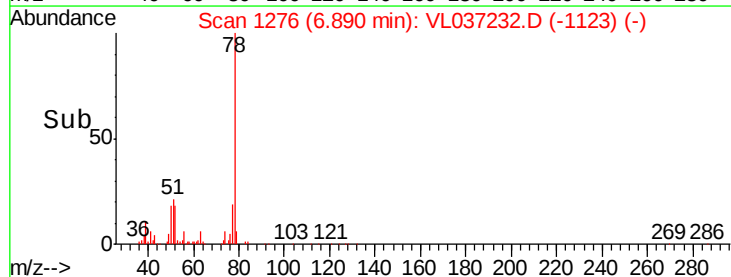
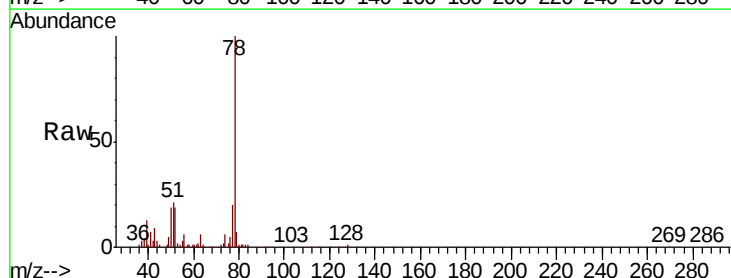
Instrument :
MSVOA_L
ClientSampleId :

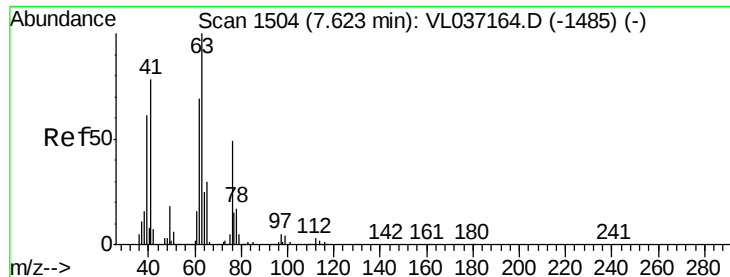
Tot Ion: 43 Resp: 14657611
Ion Ratio Lower Upper
43 100
72 27.5 18.9 28.3



#36
Benzene
Concen: 0.353 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

Tgt Ion: 78 Resp: 142103
Ion Ratio Lower Upper
78 100
77 18.4 19.0 28.6#
50 17.7 15.7 23.5





#39

1,2-Dichloropropane

Concen: 8.039 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.45 min

Lab File: VL037232.D

Acq: 23 Jun 2021 1:10

Instrument :

MSVOA_L

ClientSampleId :

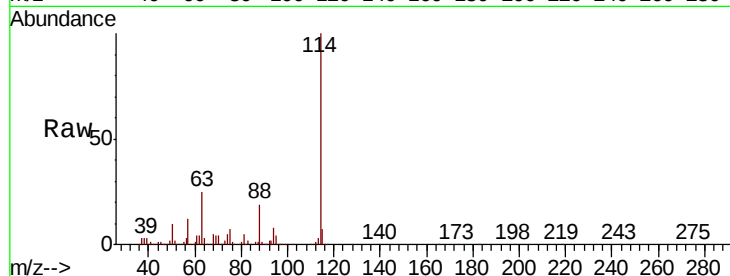
Tot Ion: 63 Resp: 1202041

Ion Ratio Lower Upper

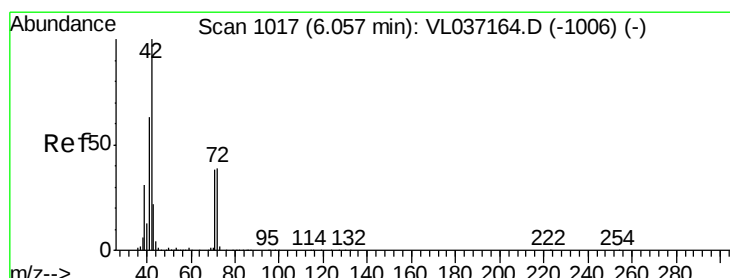
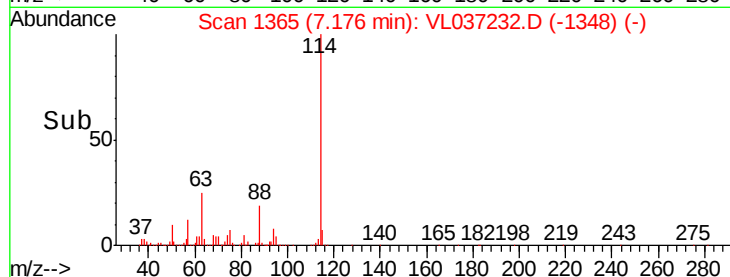
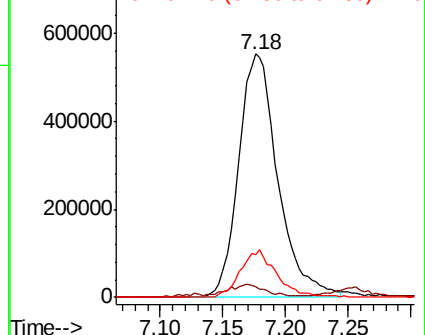
63 100

41 3.8 62.0 93.0#

62 17.5 54.9 82.3#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#41

Tetrahydrofuran

Concen: 0.020 ppbv

RT: 6.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VL037232.D

Acq: 23 Jun 2021 1:10

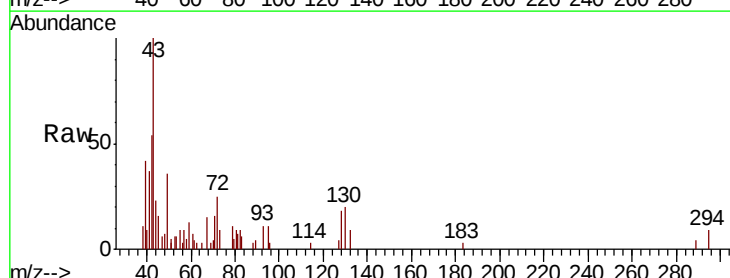
Tgt Ion: 42 Resp: 1822

Ion Ratio Lower Upper

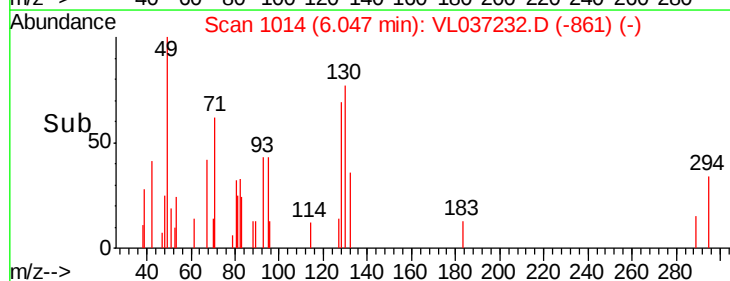
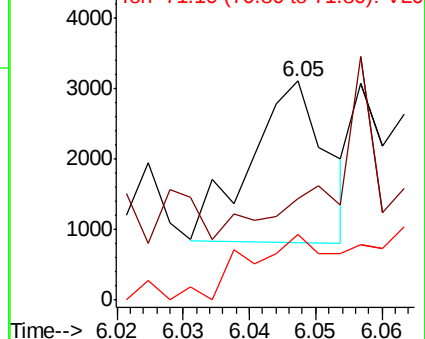
42 100

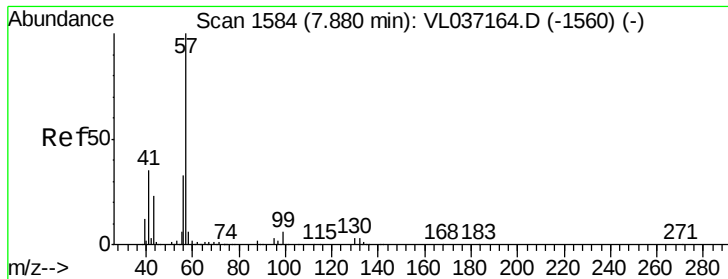
72 0.0 33.0 49.4#

71 0.0 31.0 46.6#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0

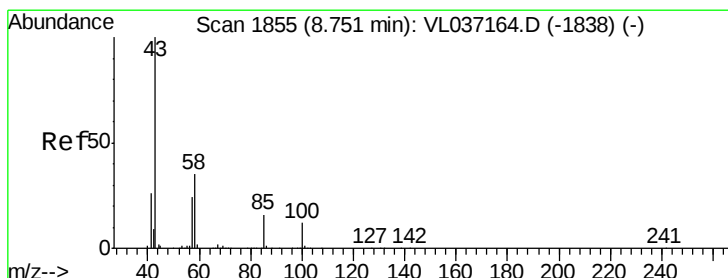
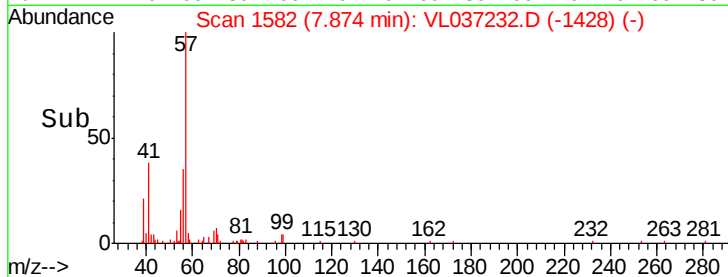
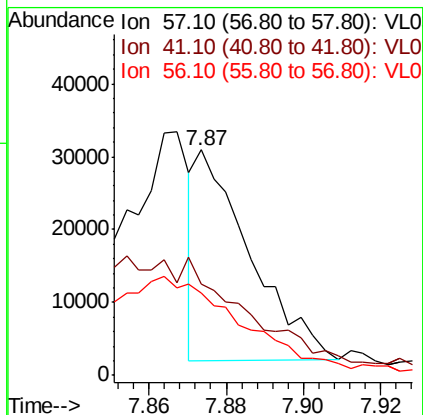
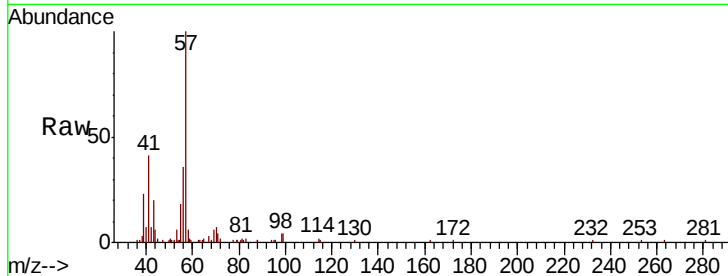




#44
 2,2,4-Trimethylpentane
 Concen: 0.041 ppbv
 RT: 7.87 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: VL037232.D
 Acq: 23 Jun 2021 1:10

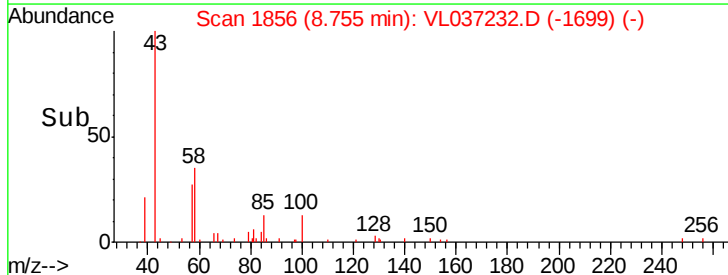
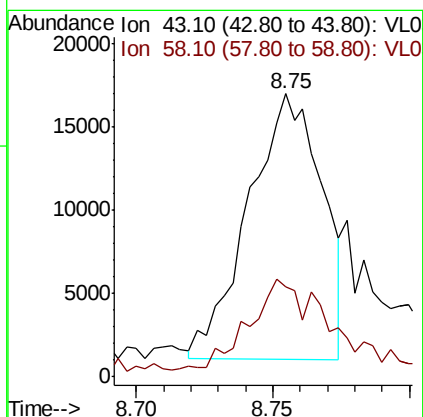
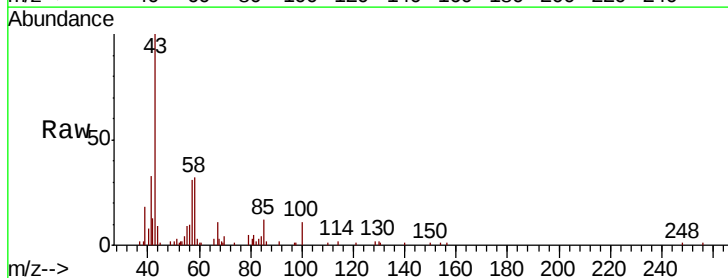
Instrument :
 MSVOA_L
 ClientSampled :

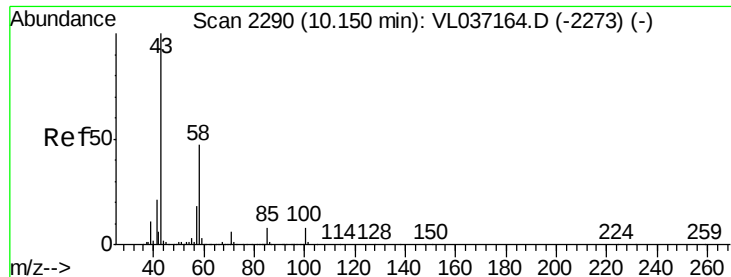
Tot Ion	57	Resp	28077
Ion Ratio	100	Lower	Upper
41	0.0	27.6	41.4#
56	0.0	25.3	37.9#



#50
 4-Methyl-2-Pentanone
 Concen: 0.112 ppbv
 RT: 8.75 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: VL037232.D
 Acq: 23 Jun 2021 1:10

Tgt Ion	43	Resp	29808
Ion Ratio	100	Lower	Upper
58	46.6	28.4	42.6#

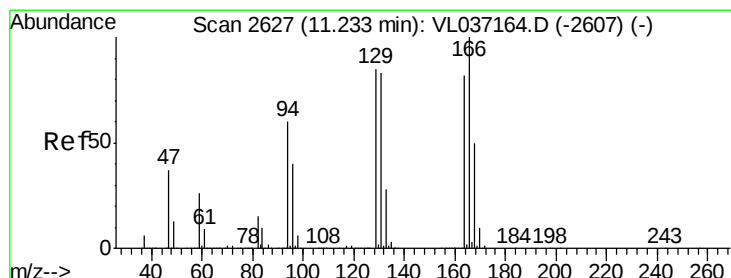
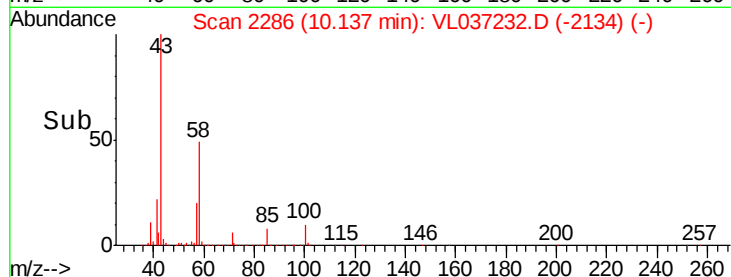
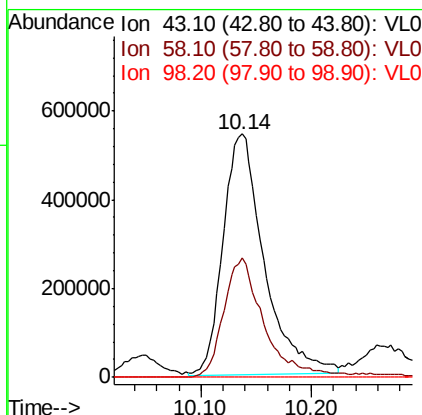
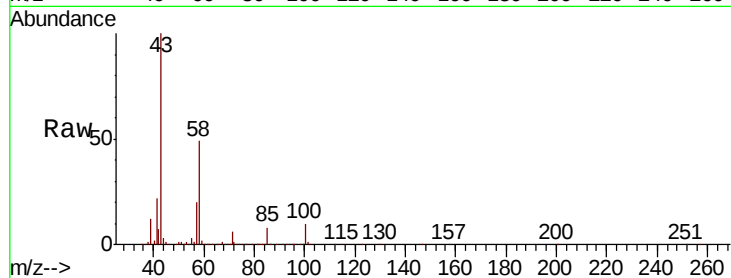




#51
2-Hexanone
Concen: 10.843 ppbv
RT: 10.14 min Scan# 2286
Delta R.T. -0.01 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

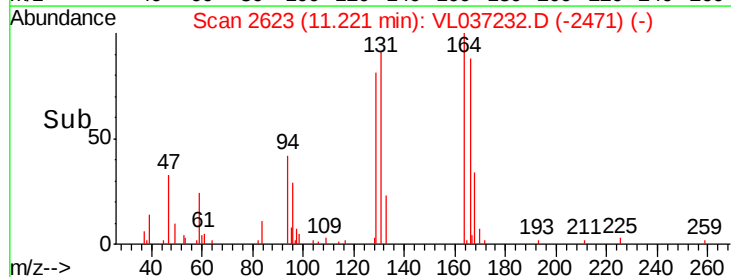
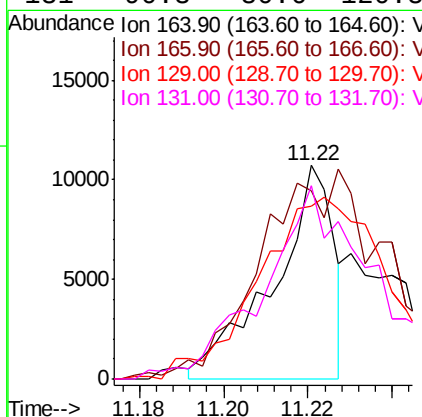
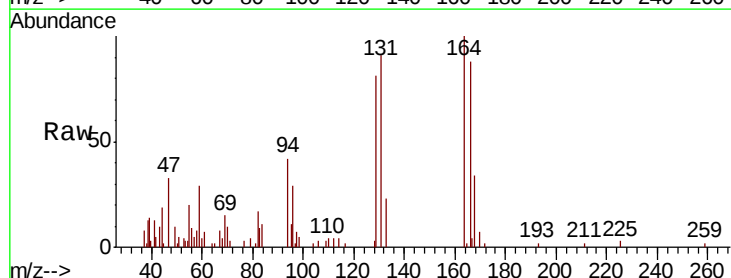
Instrument :
MSVOA_L
ClientSampleId :

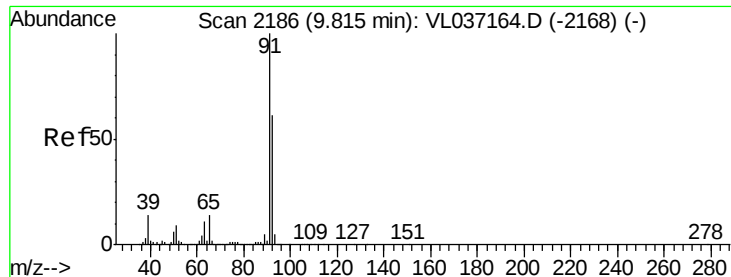
Tot Ion: 43 Resp: 1402263
Ion Ratio Lower Upper
43 100
58 50.4 38.4 57.6
98 0.2 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.057 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. -0.01 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

Tgt Ion: 164 Resp: 10604
Ion Ratio Lower Upper
164 100
166 83.1 97.6 146.4#
129 75.1 82.9 124.3#
131 90.3 80.6 120.8





#53

Toluene

Concen: 1.411 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. -0.01 min

Lab File: VL037232.D

Acq: 23 Jun 2021 1:10

Instrument :

MSVOA_L

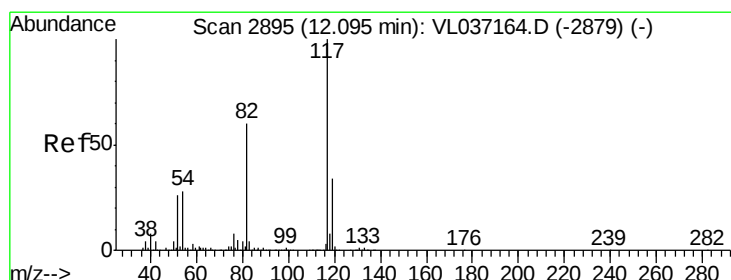
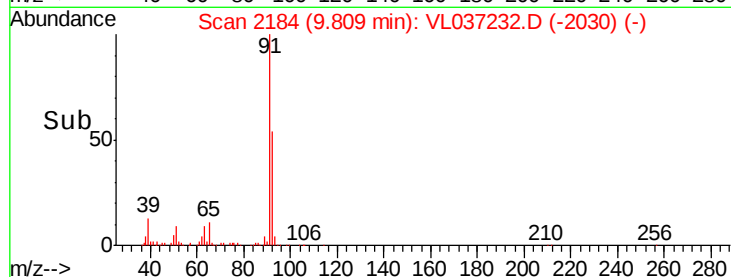
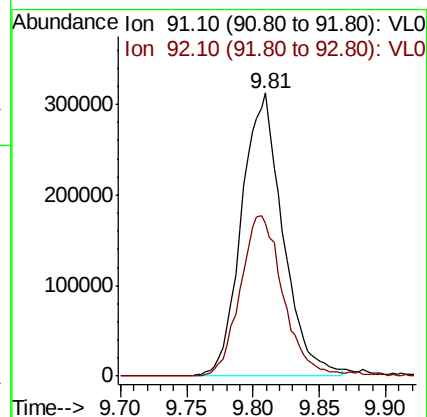
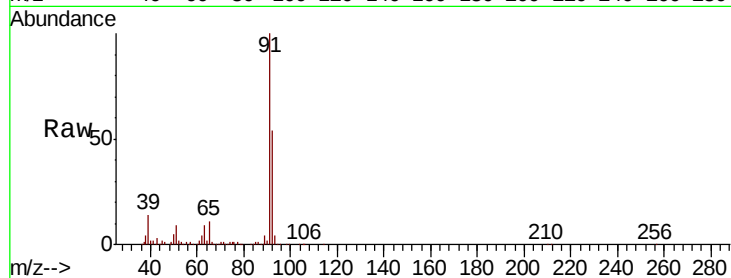
ClientSampleId :

Tot Ion: 91 Resp: 678119

Ion Ratio Lower Upper

91 100

92 59.0 48.3 72.5



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. -0.01 min

Lab File: VL037232.D

Acq: 23 Jun 2021 1:10

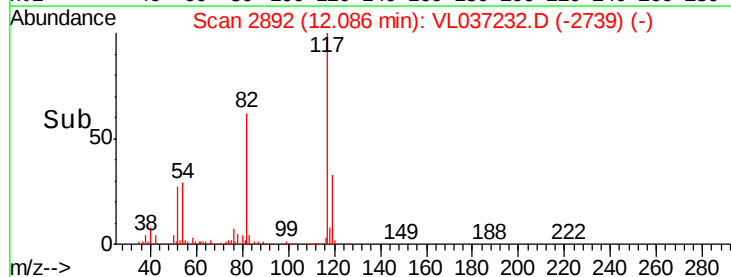
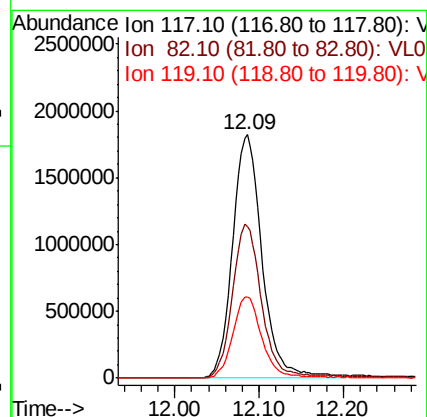
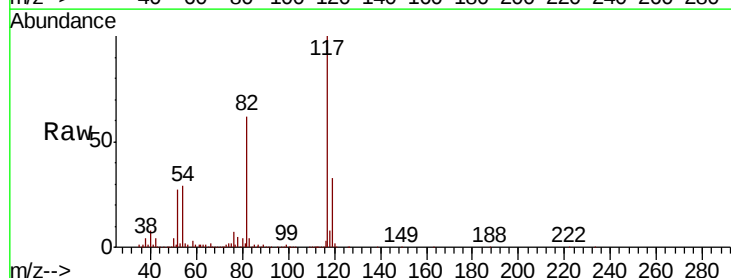
Tgt Ion: 117 Resp: 4443046

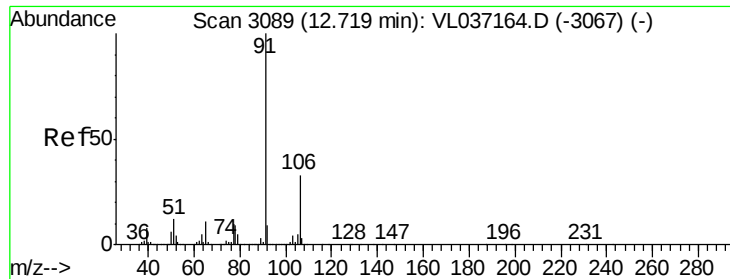
Ion Ratio Lower Upper

117 100

82 64.0 51.7 77.5

119 33.3 47.6 71.4#





#58

Ethyl Benzene

Concen: 0.246 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. -0.01 min

Lab File: VL037232.D

Acq: 23 Jun 2021 1:10

Instrument :

MSVOA_L

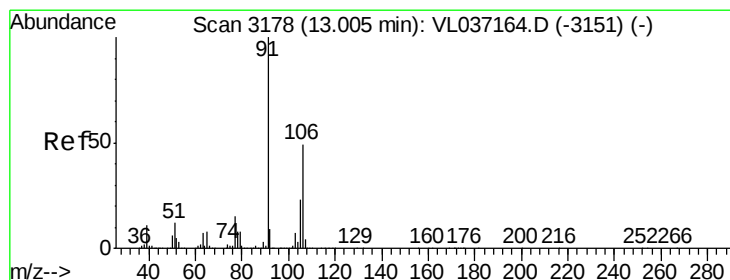
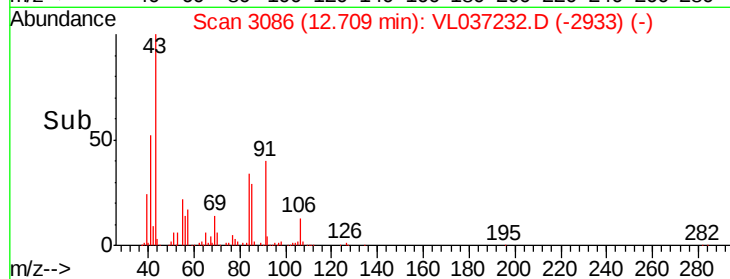
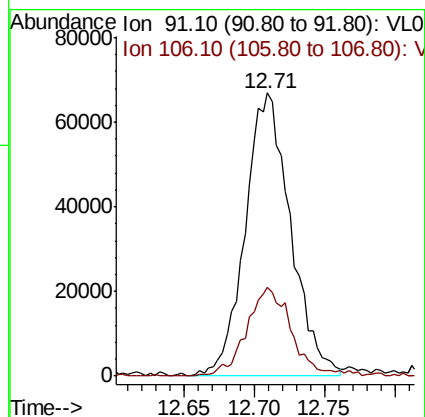
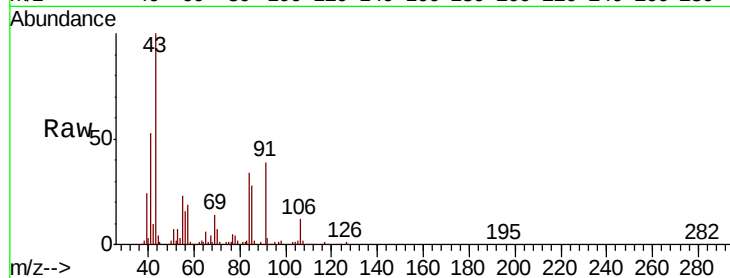
ClientSampleId :

Tot Ion: 91 Resp: 150537

Ion Ratio Lower Upper

91 100

106 31.2 26.3 39.5



#59

m/p-Xylene

Concen: 0.380 ppbv

RT: 12.98 min Scan# 3170

Delta R.T. -0.03 min

Lab File: VL037232.D

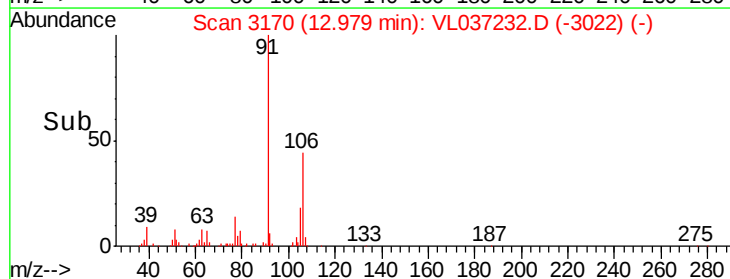
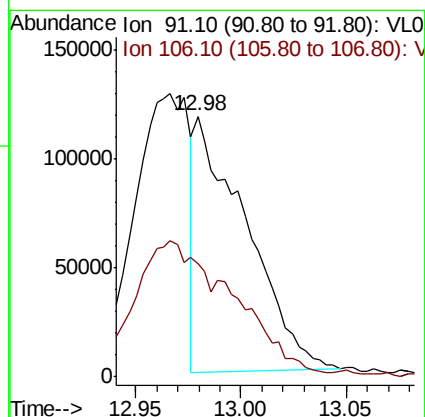
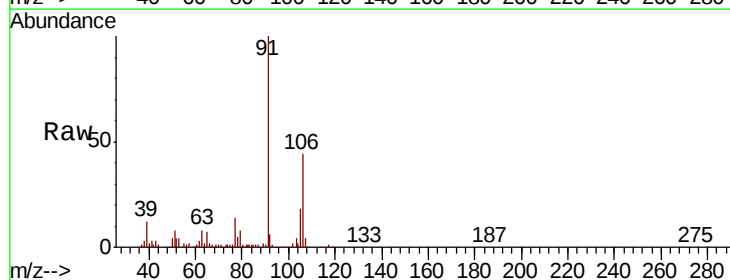
Acq: 23 Jun 2021 1:10

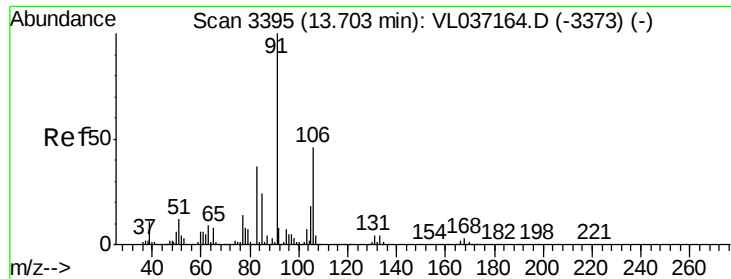
Tgt Ion: 91 Resp: 197067

Ion Ratio Lower Upper

91 100

106 0.0 37.0 55.4#

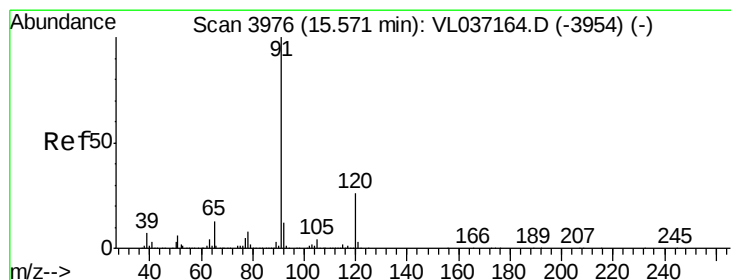
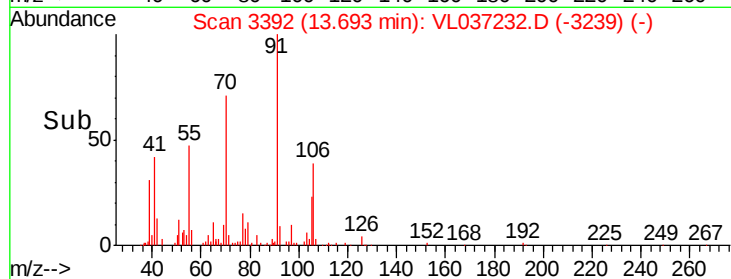
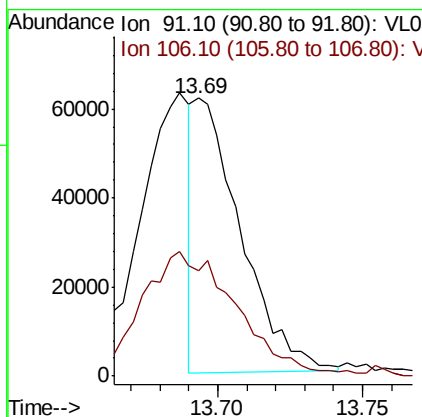
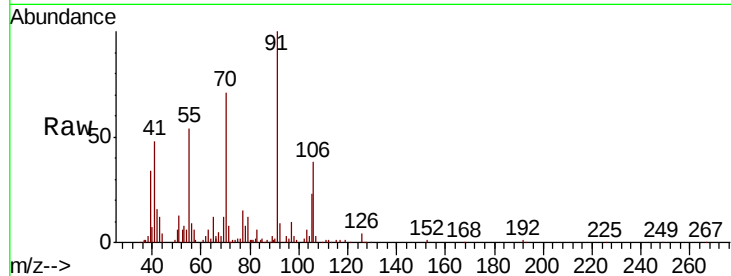




#60
o-Xylene
Concen: 0.138 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

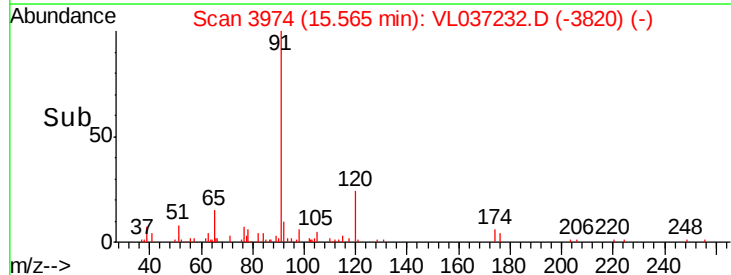
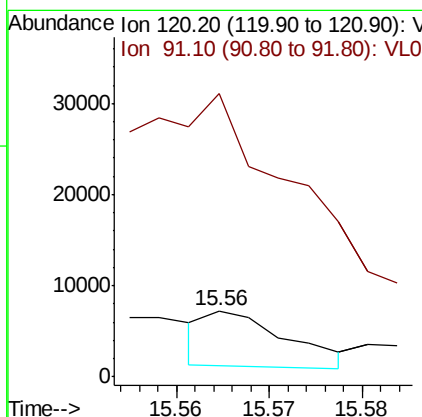
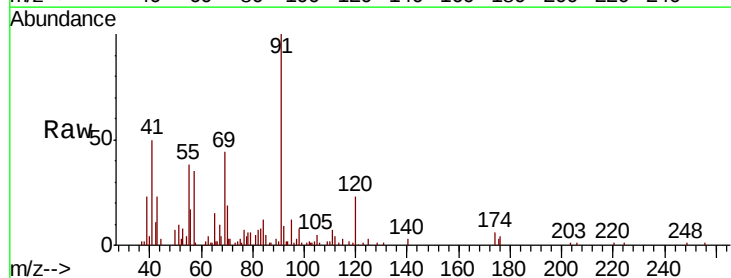
Instrument :
MSVOA_L
ClientSampleId :

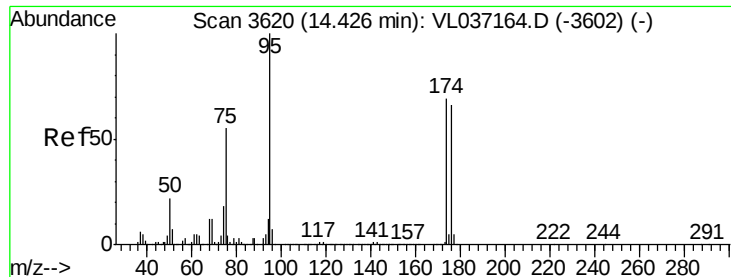
Tot Ion: 91 Resp: 68245
Ion Ratio Lower Upper
91 100
106 0.0 23.0 69.0#



#64
n-propylbenzene
Concen: 0.021 ppbv
RT: 15.56 min Scan# 3974
Delta R.T. -0.01 min
Lab File: VL037232.D
Acq: 23 Jun 2021 1:10

Tgt Ion: 120 Resp: 3636
Ion Ratio Lower Upper
120 100
91 2074.6 343.3 514.9#

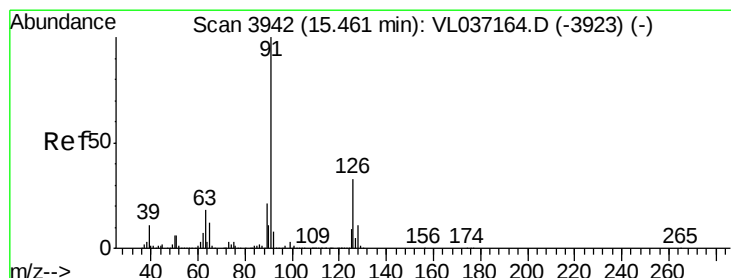
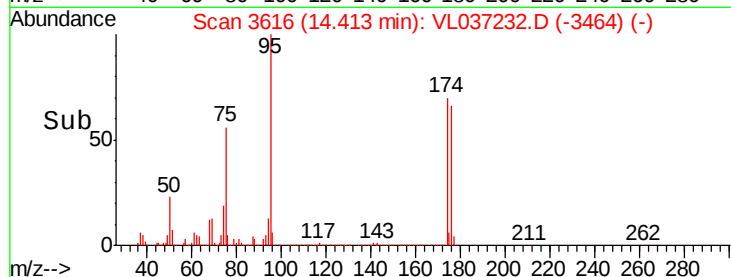
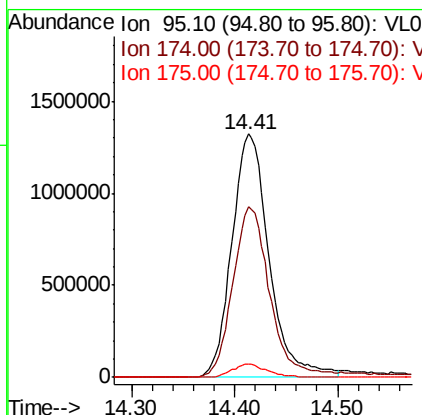
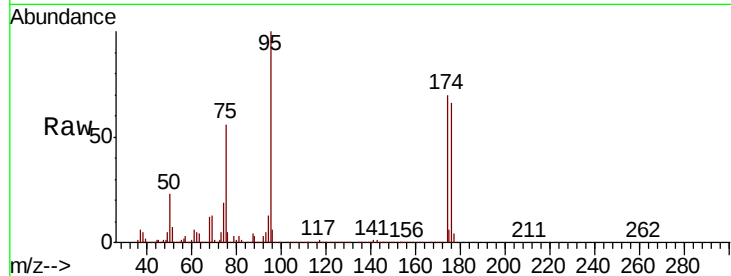




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.886 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.01 min
 Lab File: VL037232.D
 Acq: 23 Jun 2021 1:10

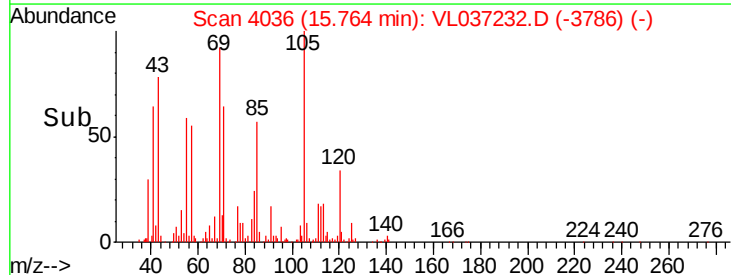
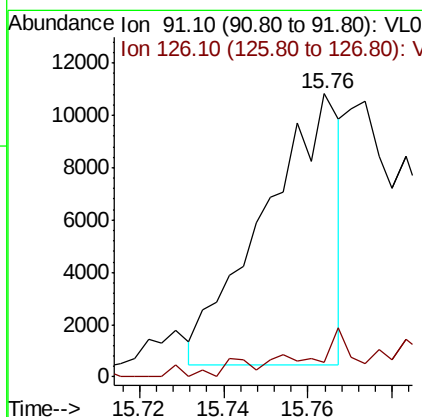
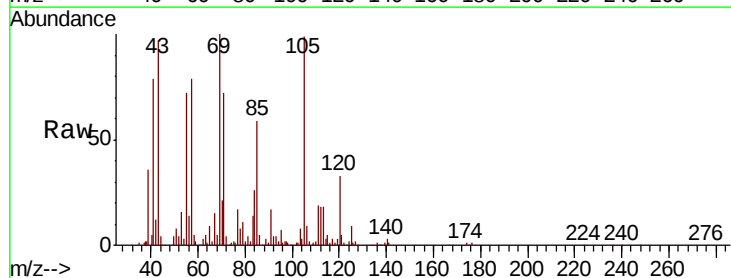
Instrument :
 MSVOA_L
 ClientSampleId :

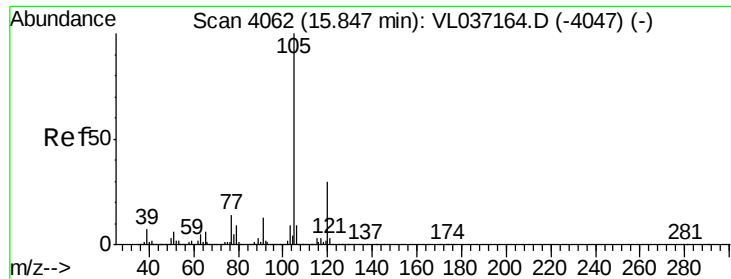
Tot Ion: 95 Resp: 3328448
 Ion Ratio Lower Upper
 95 100
 174 73.0 57.0 85.4
 175 5.4 4.4 6.6



#71
 2-Chlorotoluene
 Concen: 0.026 ppbv
 RT: 15.76 min Scan# 4036
 Delta R.T. 0.30 min
 Lab File: VL037232.D
 Acq: 23 Jun 2021 1:10

Tgt Ion: 91 Resp: 12927
 Ion Ratio Lower Upper
 91 100
 126 33.9 13.5 54.1





#72

4-Ethyltoluene

Concen: 0.137 ppbv

RT: 15.84 min Scan# 4059

Delta R.T. -0.01 min

Lab File: VL037232.D

Acq: 23 Jun 2021 1:10

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:105 Resp: 77051

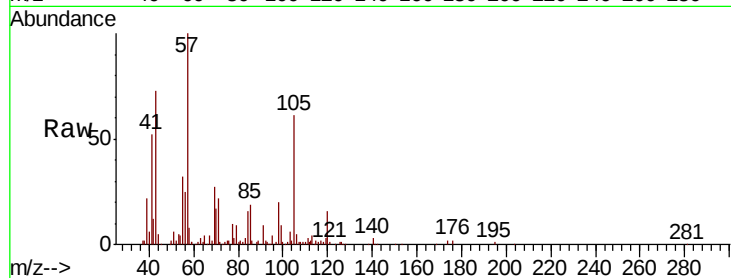
Ion Ratio Lower Upper

105 100

120 33.4 24.7 37.1

91 16.1 10.2 15.4#

77 22.4 11.0 16.6#

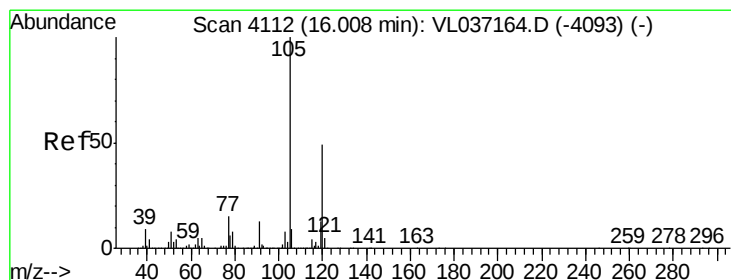
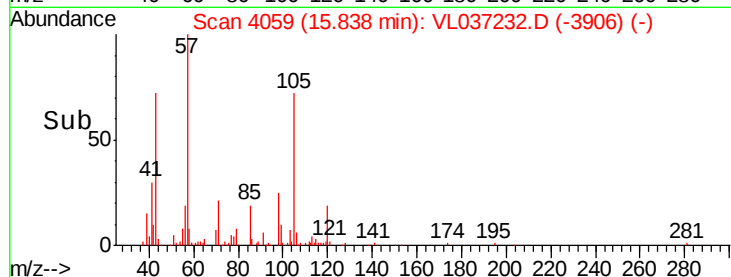
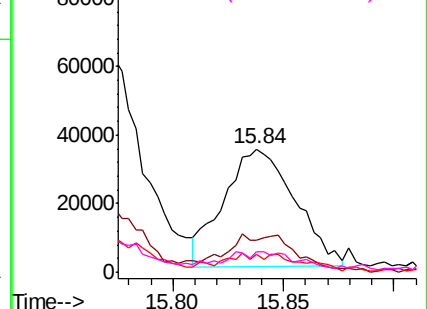


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 0.085 ppbv

RT: 16.00 min Scan# 4108

Delta R.T. -0.01 min

Lab File: VL037232.D

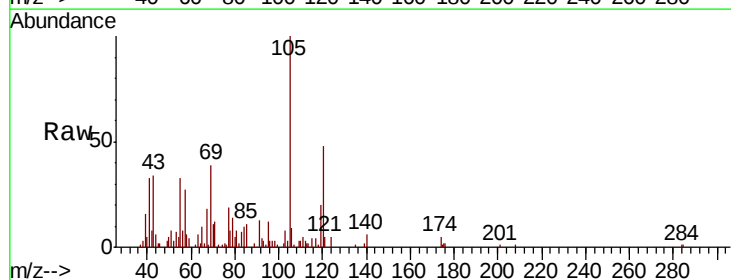
Acq: 23 Jun 2021 1:10

Tgt Ion:105 Resp: 46046

Ion Ratio Lower Upper

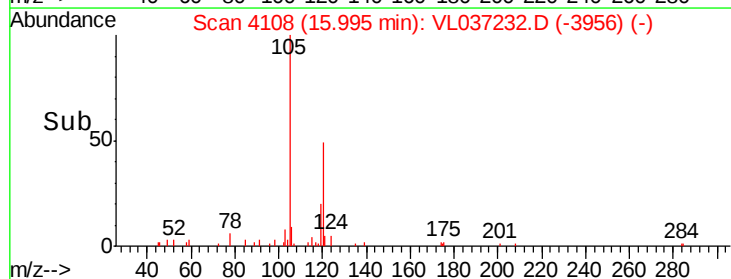
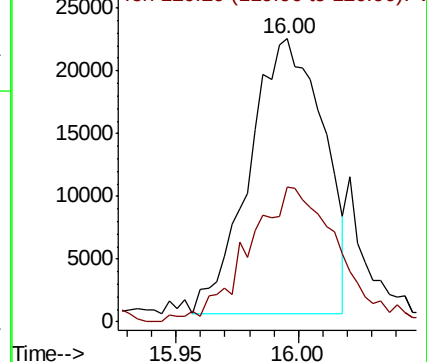
105 100

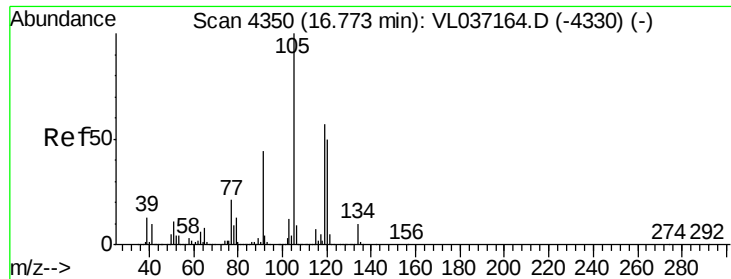
120 43.6 39.4 59.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

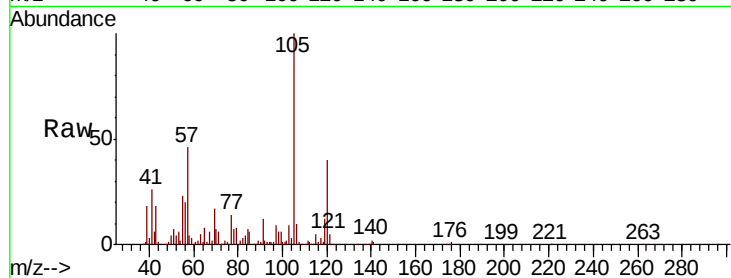




#74
 1,2,4-Trimethylbenzene
 Concen: 0.388 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. -0.01 min
 Lab File: VL037232.D
 Acq: 23 Jun 2021 1:10

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:	105	Resp:	216858
Ion Ratio	Lower	Upper	
105	100		
120	39.7	39.8	59.8#
91	10.0	37.0	55.4#
77	12.5	17.0	25.4#



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

