

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037231.D
 Acq On : 23 Jun 2021 00:31
 Operator : SY/AP
 Sample : M2807-02 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 23 01:44:17 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	1814575	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	5037767	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4501703	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3355878	9.84	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	19030	0.060	ppbv 89
3) Chlorodifluoromethane	2.99	51	5952552	16.870	ppbv 99
4) Chloromethane	3.14	50	5470	0.047	ppbv # 81
7) Chloroethane	3.56	64	3335	0.072	ppbv # 76
9) Propene	3.01	41	1986803	17.611	ppbv 98
10) Heptane	8.12	43	36735	0.134	ppbv # 27
13) Ethanol	3.60	45	715615	41.005	ppbv 47
15) Acetone	3.84	43	13488480	65.918	ppbv # 83
16) 1,3-Butadiene	3.31	39	3512236	29.034	ppbv # 18
17) tert-Butyl alcohol	4.30	59	357901	1.892	ppbv 97
19) Isopropyl Alcohol	3.97	45	155599	1.255	ppbv # 91
20) Methylene Chloride	4.35	84	140399	1.146	ppbv 92
21) Allyl Chloride	4.30	41	117155	0.760	ppbv # 65
22) trans-1,2-Dichloroethene	4.88	96	2171	0.021	ppbv # 40
23) Vinyl Acetate	5.17	43	373566	1.273	ppbv # 13
25) Ethyl Acetate	5.24	43	20042254	45.243	ppbv # 76
26) Hexane	5.68	57	164616	0.735	ppbv # 1
27) Carbon Disulfide	4.55	76	56494	0.258	ppbv # 91
29) Chloroform	5.77	83	8120	0.023	ppbv 85
30) Cyclohexane	7.14	84	4024	0.022	ppbv # 1
34) 2-Butanone	5.24	43	20088677	102.533	ppbv # 82
36) Benzene	6.89	78	77798	0.191	ppbv 96
39) 1,2-Dichloropropane	7.18	63	1222462	8.076	ppbv # 25
41) Tetrahydrofuran	6.06	42	20275	0.223	ppbv # 76
43) Methyl Methacrylate	8.04	69	5299	0.038	ppbv # 2
44) 2,2,4-Trimethylpentane	7.87	57	23601	0.034	ppbv # 42
50) 4-Methyl-2-Pentanone	8.75	43	246633	0.916	ppbv 94
51) 2-Hexanone	10.13	43	2787670	21.290	ppbv # 96
52) Tetrachloroethene	11.22	164	971076	5.130	ppbv 97
53) Toluene	9.81	91	764314	1.571	ppbv 98
58) Ethyl Benzene	12.71	91	195586	0.316	ppbv 92
59) m/p-Xylene	12.97	91	400714	0.763	ppbv # 30
60) o-Xylene	13.69	91	217511	0.435	ppbv 99
61) Styrene	13.53	104	27114	0.105	ppbv # 36
62) Isopropylbenzene	14.67	105	22664	0.032	ppbv # 89
65) tert-Butylbenzene	16.75	119	13910	0.022	ppbv # 23
70) n-Butylbenzene	18.56	91	16076	0.024	ppbv # 36
72) 4-Ethyltoluene	15.83	105	63394	0.112	ppbv # 49
73) 1,3,5-Trimethylbenzene	16.00	105	45077	0.082	ppbv 95
74) 1,2,4-Trimethylbenzene	16.76	105	343242	0.607	ppbv # 71

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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

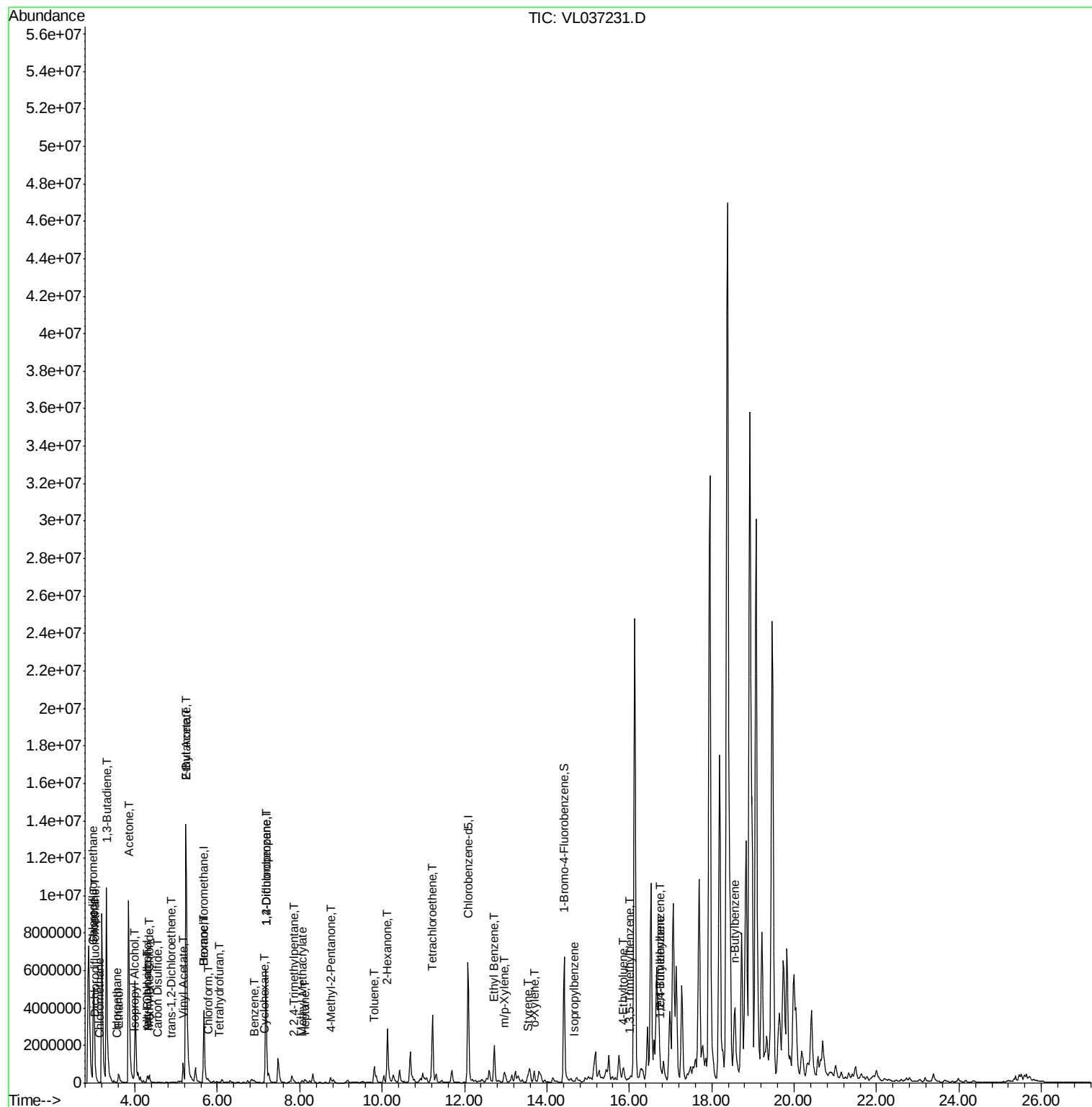
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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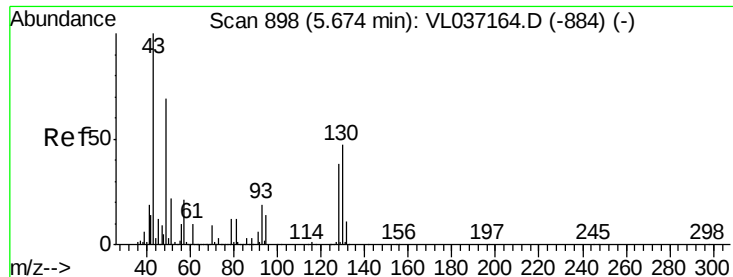
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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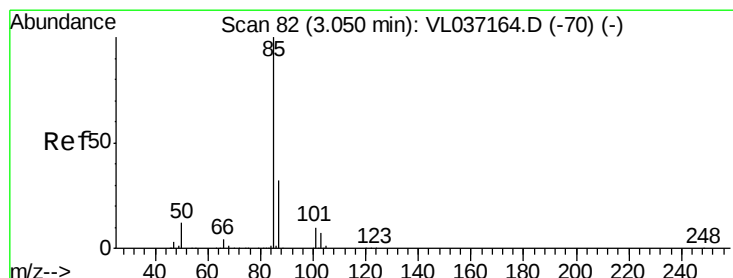
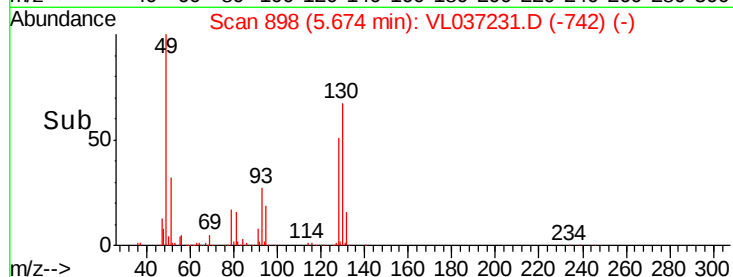
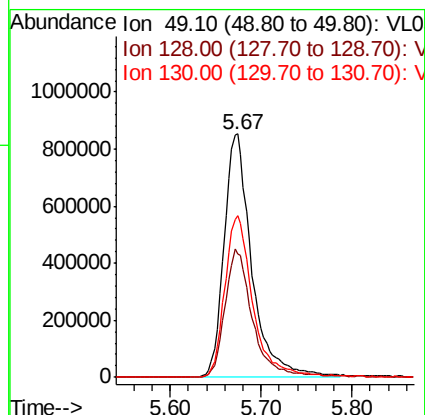
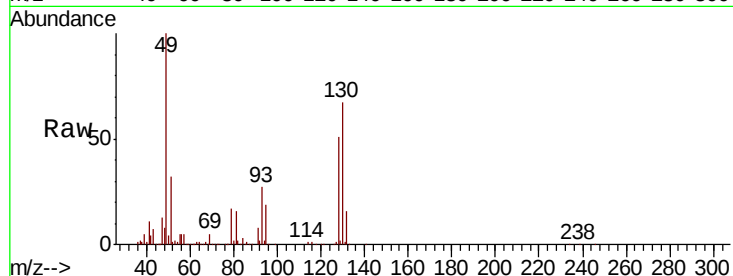




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

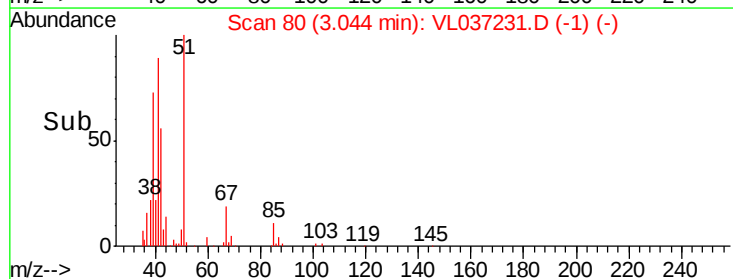
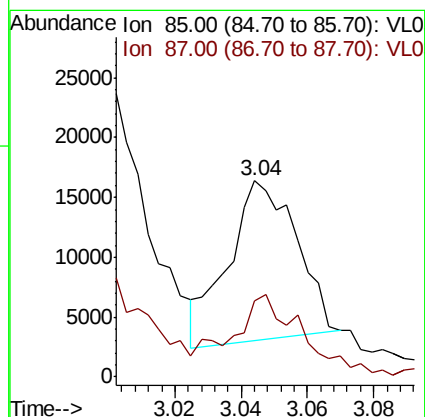
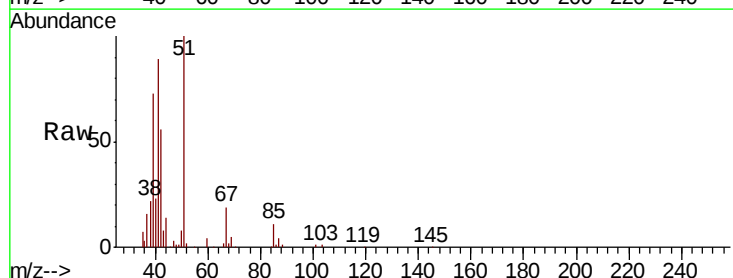
Instrument :
MSVOA_L
ClientSampleId :

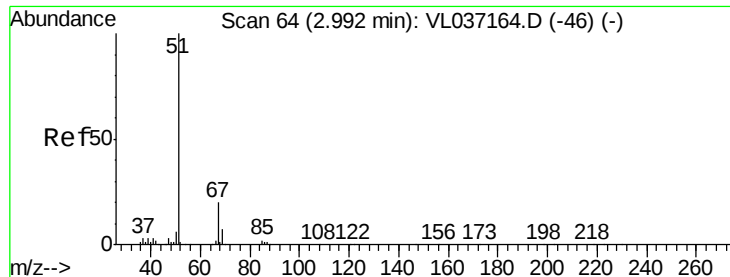
Tot Ion: 49 Resp: 1814575
Ion Ratio Lower Upper
49 100
128 52.8 29.3 88.0
130 67.6 35.9 107.8



#2
Dichlorodifluoromethane
Concen: 0.060 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Tgt Ion: 85 Resp: 19030
Ion Ratio Lower Upper
85 100
87 38.3 25.8 38.6





#3

Chlorodifluoromethane

Concen: 16.870 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.01 min

Lab File: VL037231.D

Acq: 23 Jun 2021 00:31

Instrument :

MSVOA_L

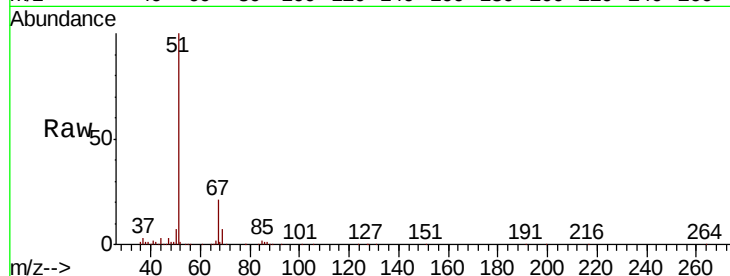
ClientSampleId :

Tot Ion: 51 Resp: 5952552

Ion Ratio Lower Upper

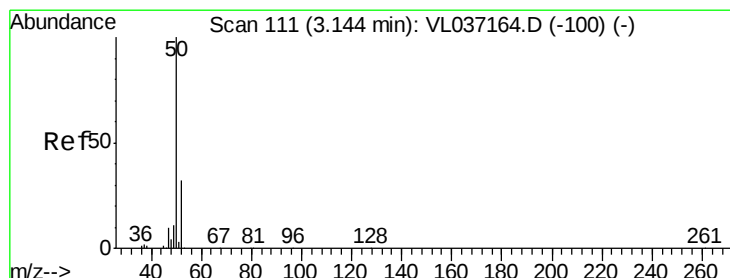
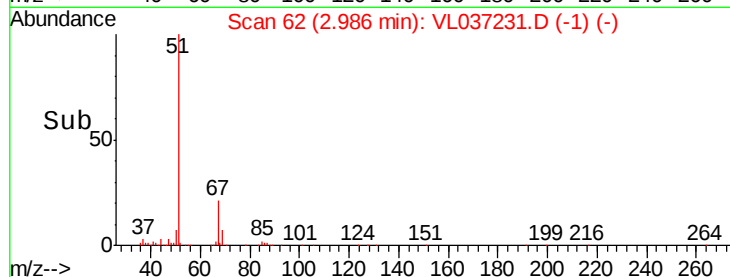
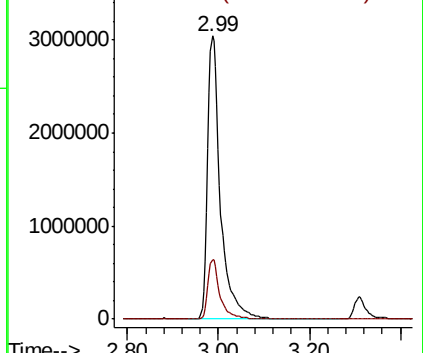
51 100

67 20.1 15.8 23.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.047 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL037231.D

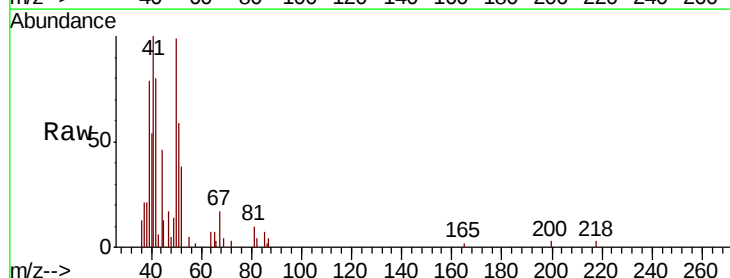
Acq: 23 Jun 2021 00:31

Tgt Ion: 50 Resp: 5470

Ion Ratio Lower Upper

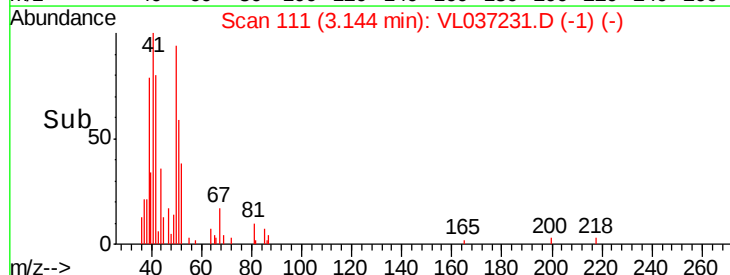
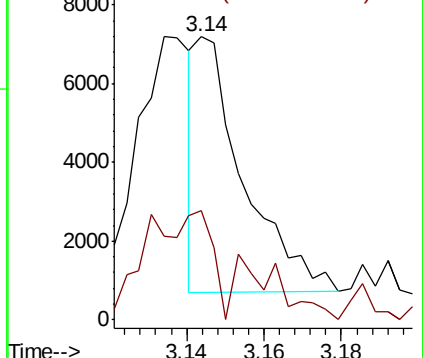
50 100

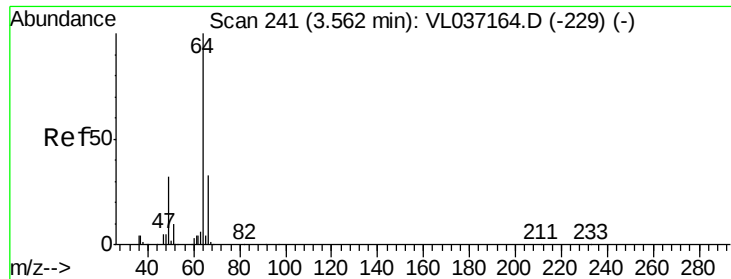
52 42.9 25.8 38.8#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 0.072 ppbv

RT: 3.56 min Scan# 242

Delta R.T. 0.00 min

Lab File: VL037231.D

Acq: 23 Jun 2021 00:31

Instrument :

MSVOA_L

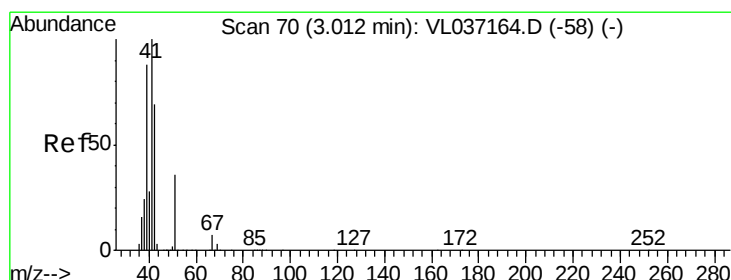
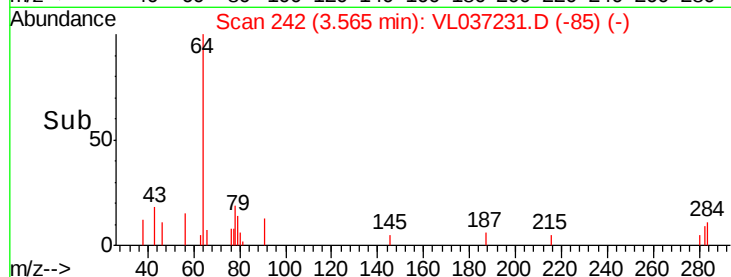
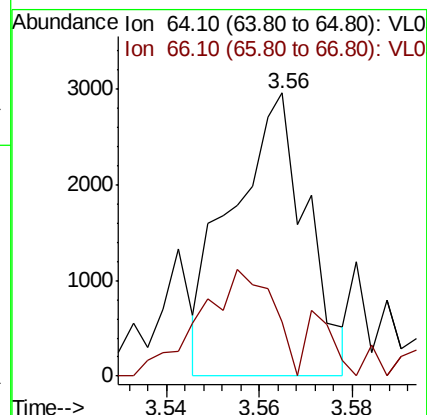
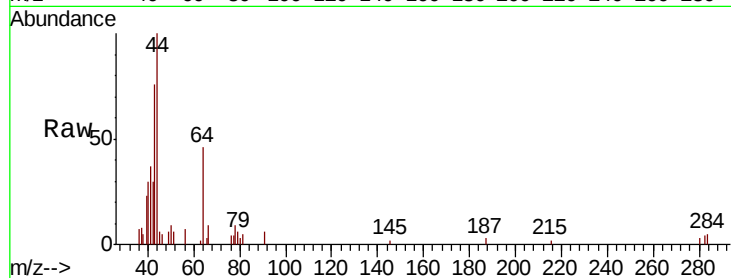
ClientSampleId :

Tot Ion: 64 Resp: 3335

Ion Ratio Lower Upper

64 100

66 19.1 26.2 39.4#



#9

Propene

Concen: 17.611 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL037231.D

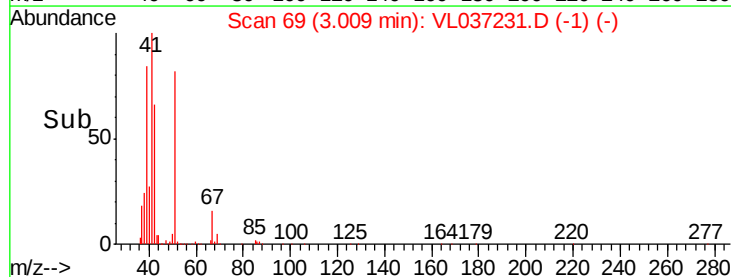
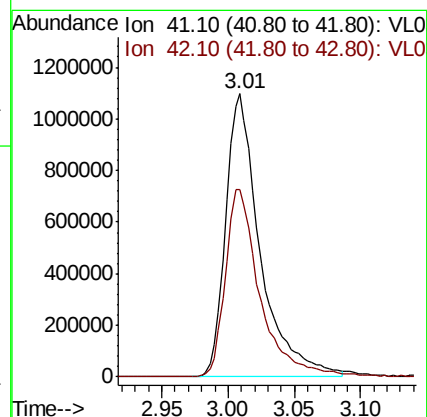
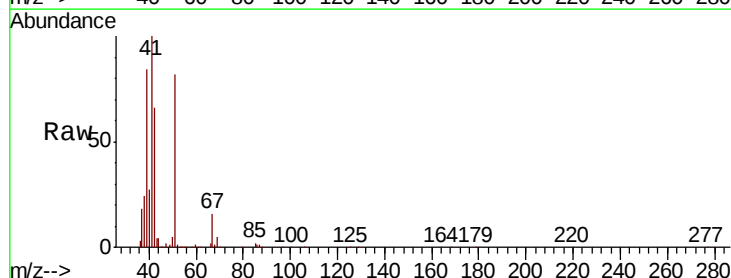
Acq: 23 Jun 2021 00:31

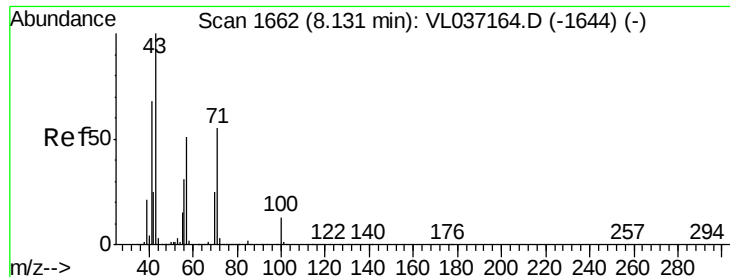
Tgt Ion: 41 Resp: 1986803

Ion Ratio Lower Upper

41 100

42 66.8 54.5 81.7

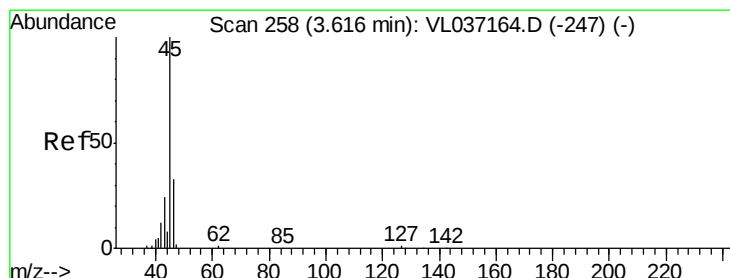
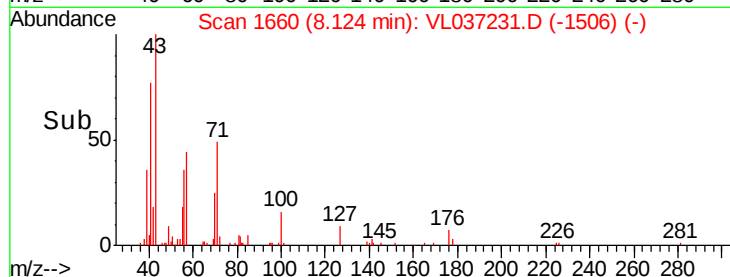
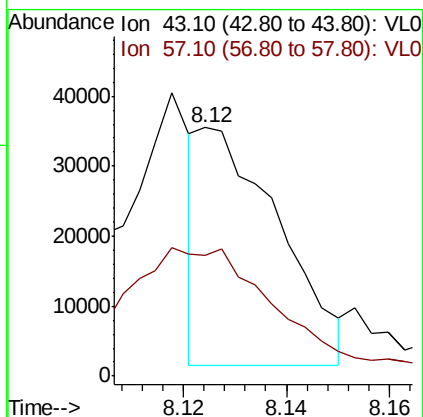
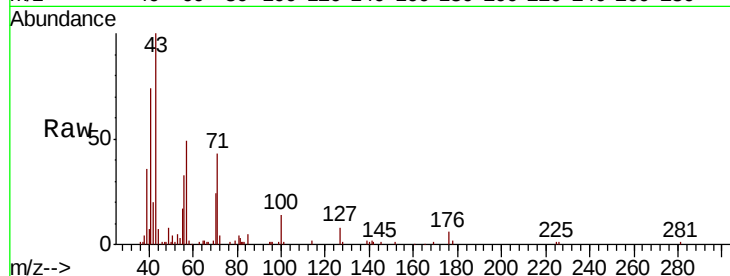




#10
Heptane
Concen: 0.134 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

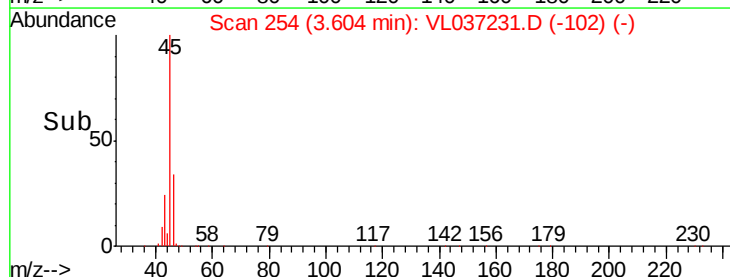
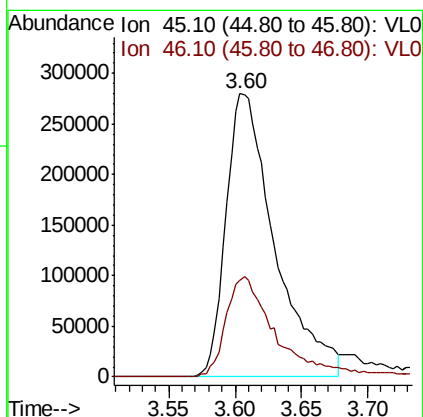
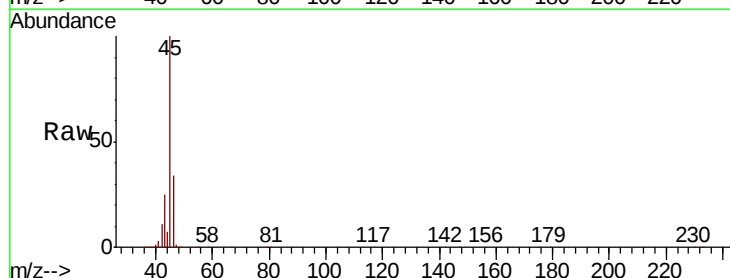
Instrument :
MSVOA_L
ClientSampleId :

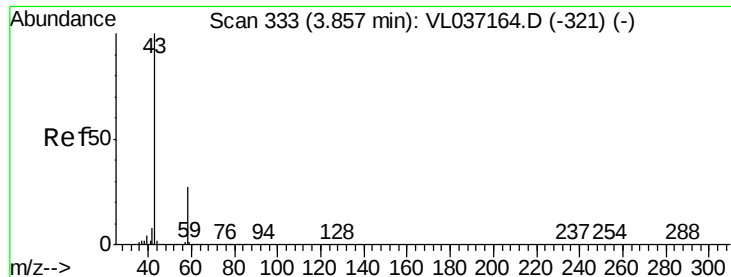
Tot Ion: 43 Resp: 36735
Ion Ratio Lower Upper
43 100
57 0.0 40.6 61.0#



#13
Ethanol
Concen: 41.005 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Tgt Ion: 45 Resp: 715615
Ion Ratio Lower Upper
45 100
46 37.3 34.2 137.0





#15

Acetone

Concen: 65.918 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL037231.D

Acq: 23 Jun 2021 00:31

Instrument :

MSVOA_L

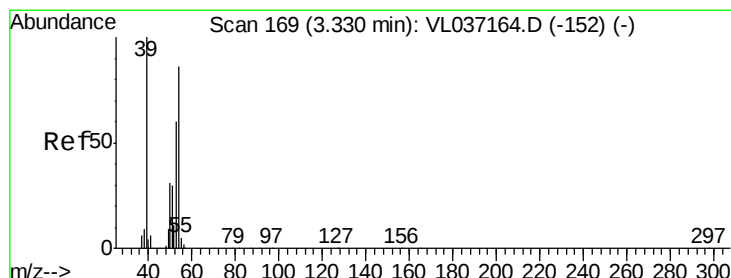
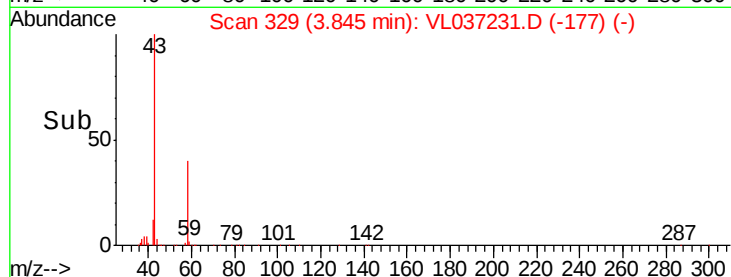
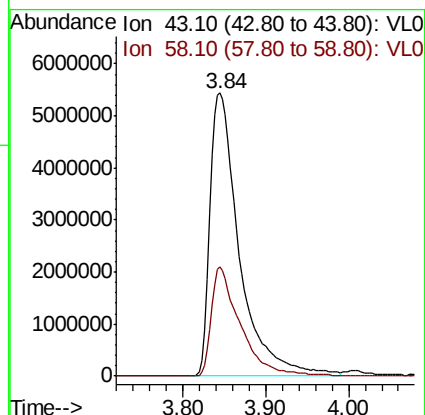
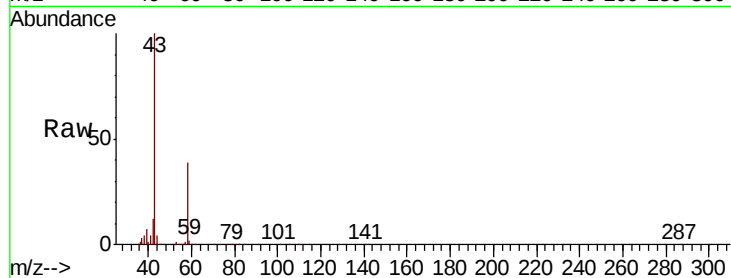
ClientSampleId :

Tot Ion: 43 Resp:13488480

Ion Ratio Lower Upper

43 100

58 38.6 23.7 35.5#



#16

1,3-Butadiene

Concen: 29.034 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.02 min

Lab File: VL037231.D

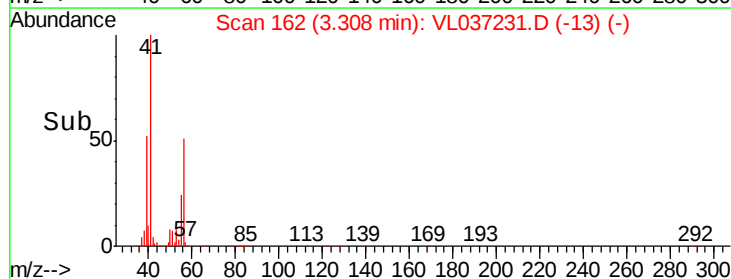
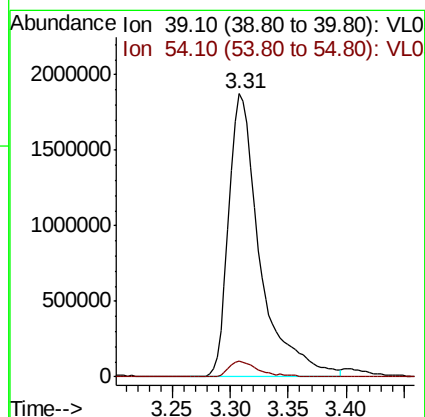
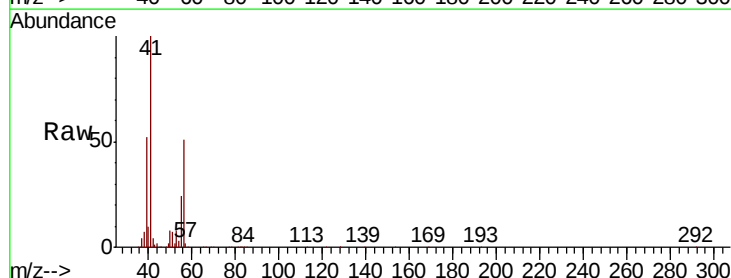
Acq: 23 Jun 2021 00:31

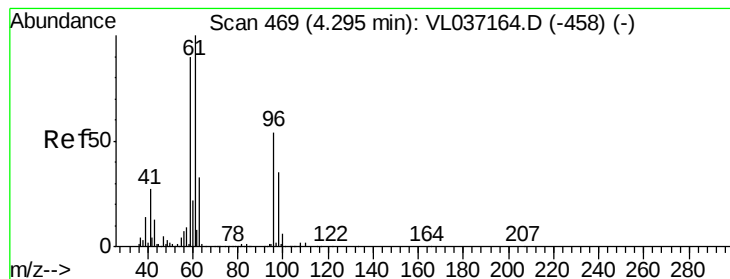
Tgt Ion: 39 Resp: 3512236

Ion Ratio Lower Upper

39 100

54 5.6 61.2 91.8#



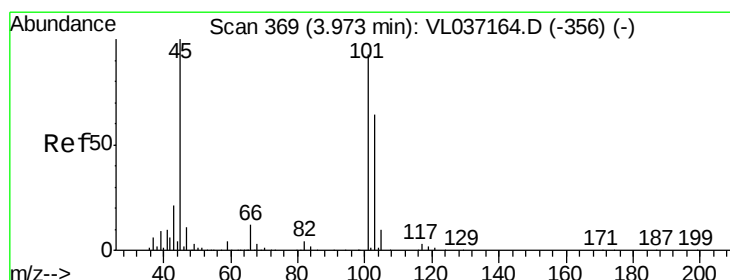
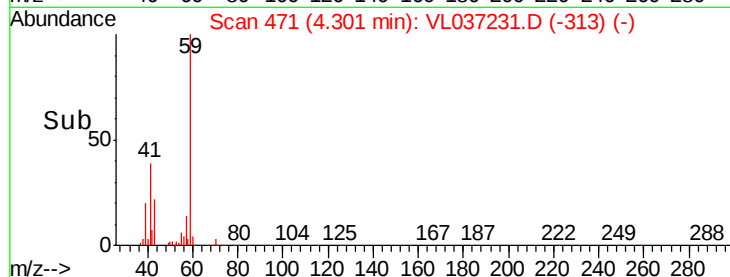
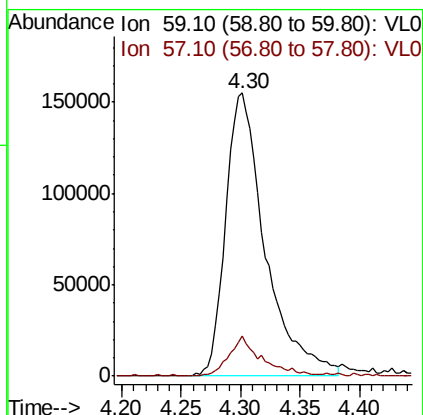
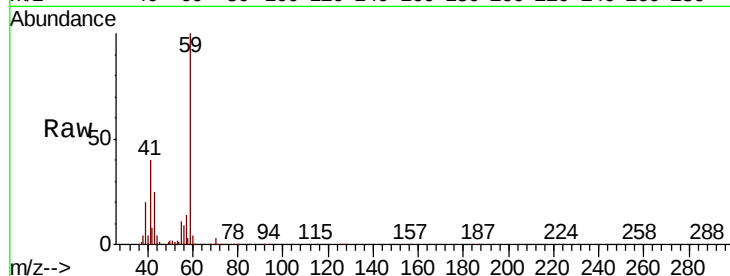


#17

tert-Butyl alcohol
 Concen: 1.892 ppbv
 RT: 4.30 min Scan# 471
 Delta R.T. 0.01 min
 Lab File: VL037231.D
 Acq: 23 Jun 2021 00:31

Instrument :
 MSVOA_L
 ClientSampleId :

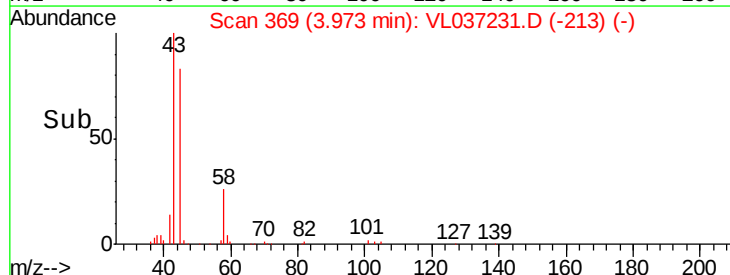
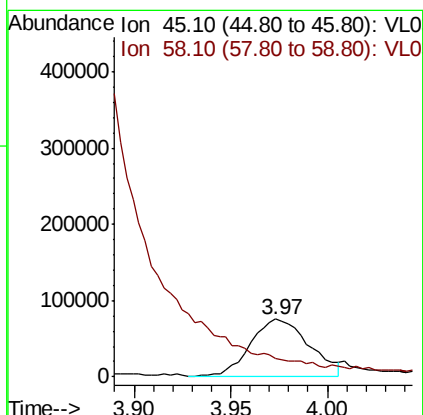
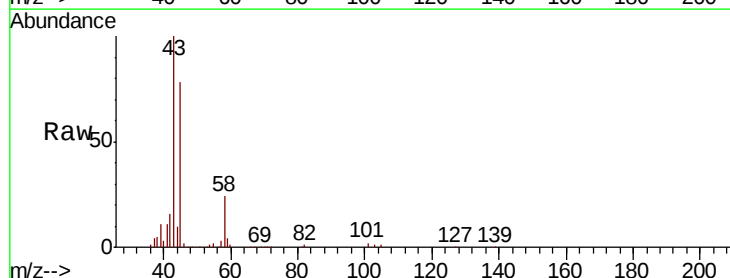
Tot Ion: 59 Resp: 357901
 Ion Ratio Lower Upper
 59 100
 57 12.3 8.8 13.2

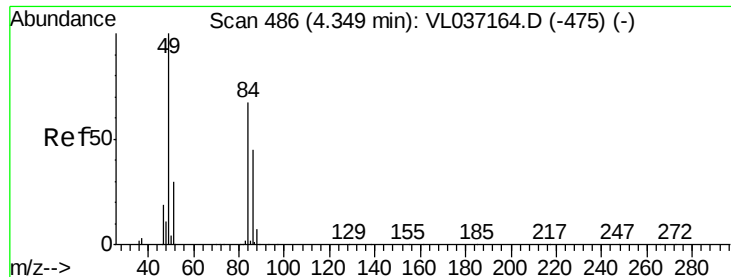


#19

Isopropyl Alcohol
 Concen: 1.255 ppbv
 RT: 3.97 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: VL037231.D
 Acq: 23 Jun 2021 00:31

Tgt Ion: 45 Resp: 155599
 Ion Ratio Lower Upper
 45 100
 58 0.0 2.4 3.6#

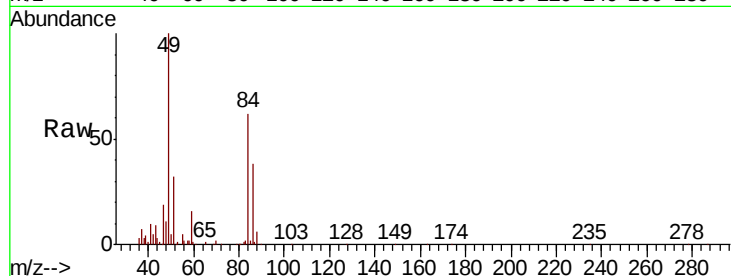




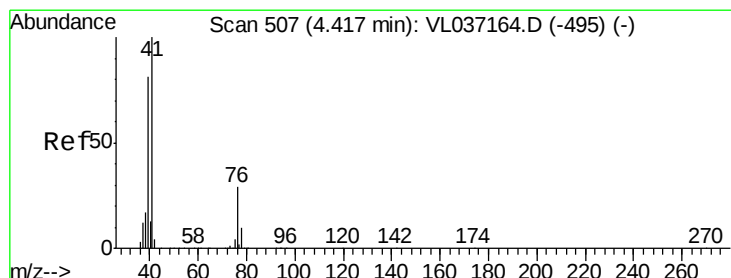
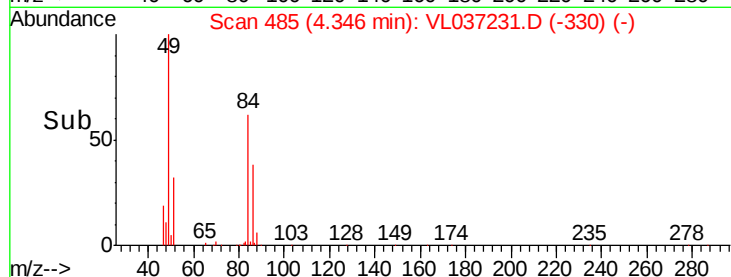
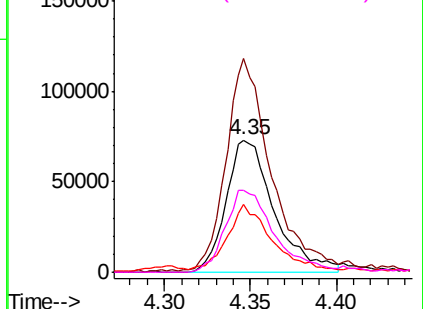
#20
Methylene Chloride
Concen: 1.146 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 140399
Ion Ratio Lower Upper
84 100
49 160.9 119.7 179.5
51 49.6 36.1 54.1
86 62.4 53.7 80.5

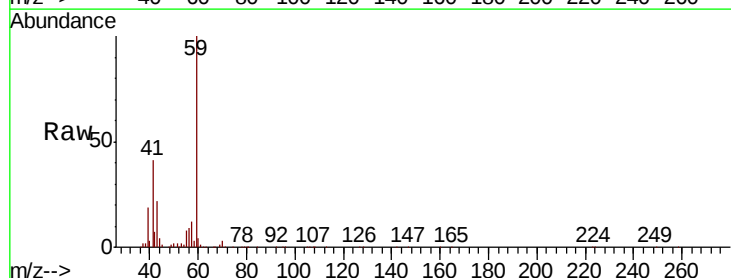


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

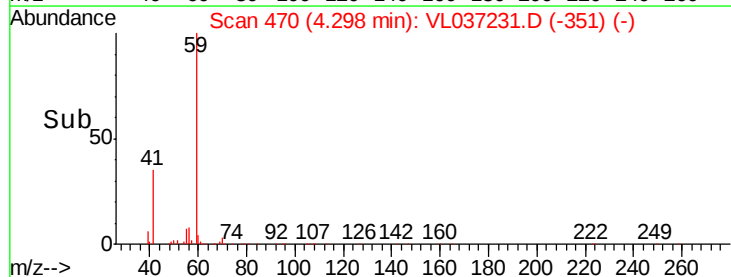
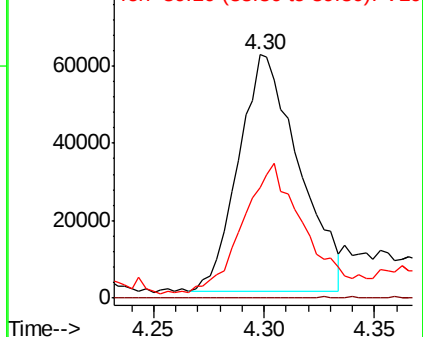


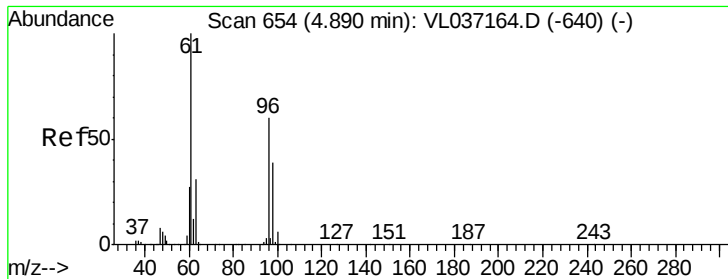
#21
Allyl Chloride
Concen: 0.760 ppbv
RT: 4.30 min Scan# 470
Delta R.T. -0.12 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Tgt Ion: 41 Resp: 117155
Ion Ratio Lower Upper
41 100
76 0.0 24.6 37.0#
39 57.0 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





#22

trans-1,2-Dichloroethene

Concen: 0.021 ppbv

RT: 4.88 min Scan# 652

Delta R.T. -0.01 min

Lab File: VL037231.D

Acq: 23 Jun 2021 00:31

Instrument :

MSVOA_L

ClientSampleId :

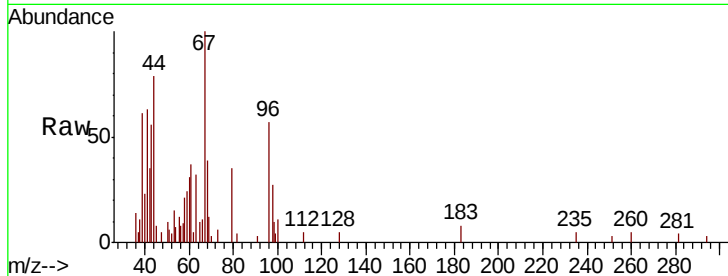
Tot Ion: 96 Resp: 2171

Ion Ratio Lower Upper

96 100

61 55.3 133.9 200.9#

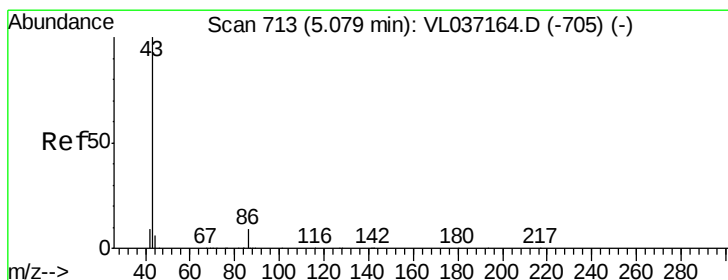
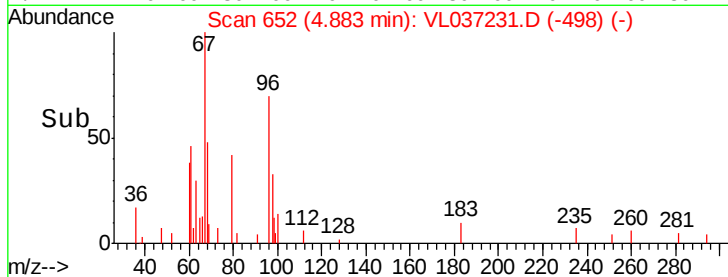
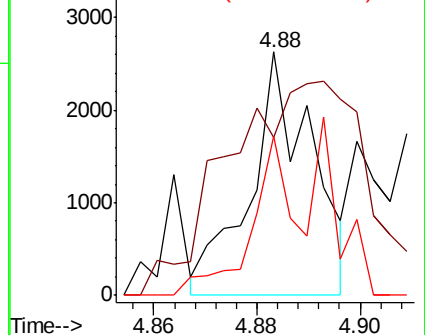
98 62.5 52.9 79.3



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#23

Vinyl Acetate

Concen: 1.273 ppbv

RT: 5.17 min Scan# 741

Delta R.T. 0.09 min

Lab File: VL037231.D

Acq: 23 Jun 2021 00:31

Tgt Ion: 43 Resp: 373566

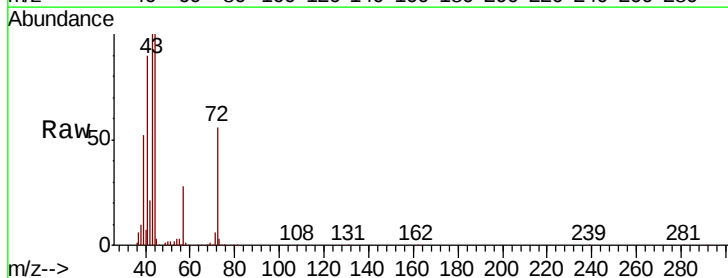
Ion Ratio Lower Upper

43 100

86 0.0 5.8 8.8#

42 19.9 8.2 12.2#

44 103.0 4.2 6.4#

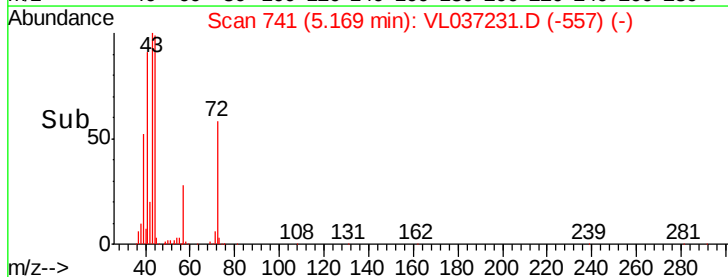
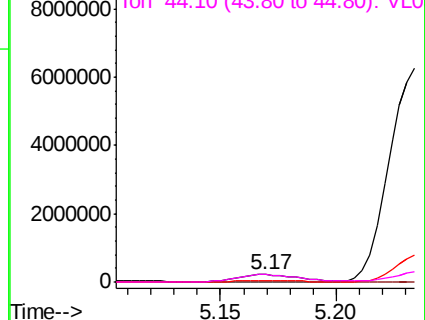


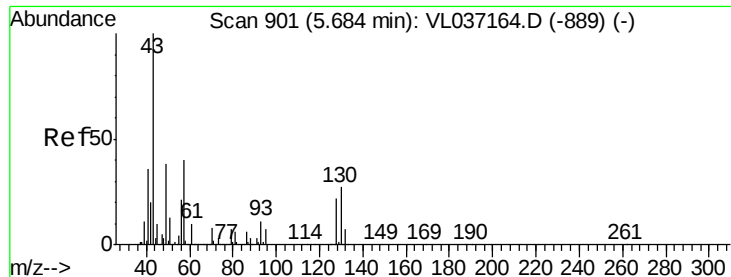
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0

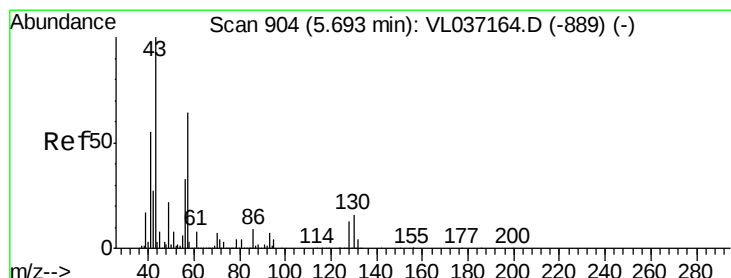
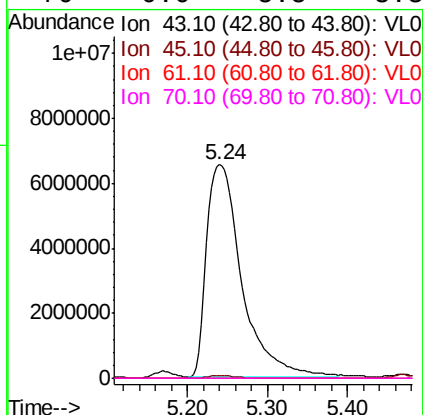
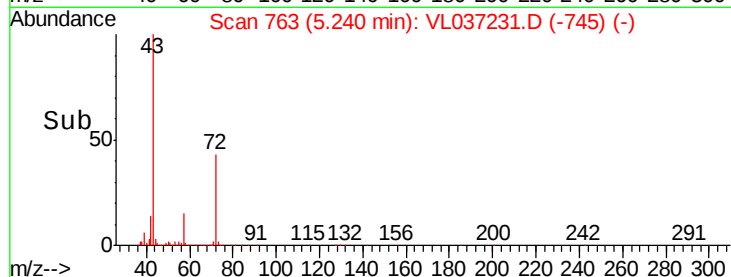
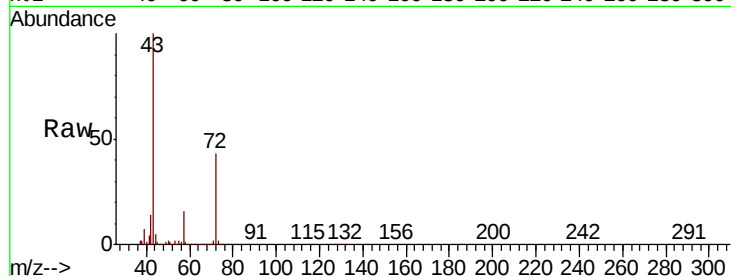




#25
Ethyl Acetate
Concen: 45.243 ppbv
RT: 5.24 min Scan# 763
Delta R.T. -0.44 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

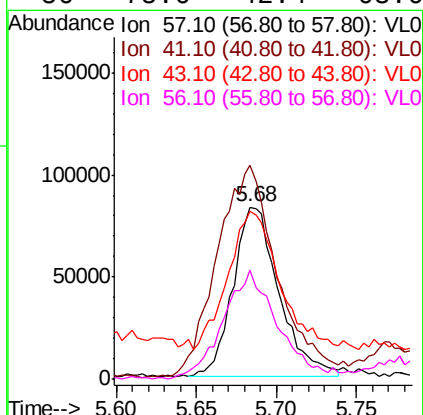
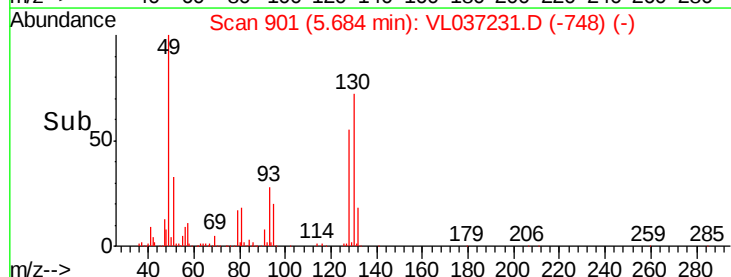
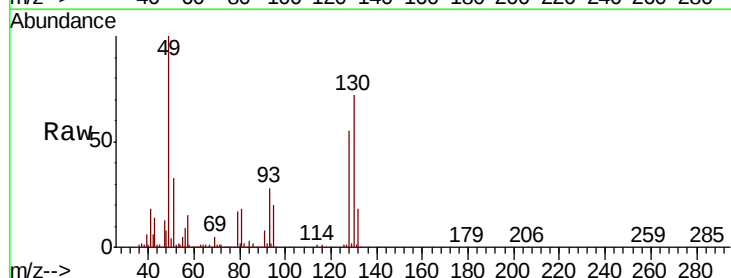
Instrument :
MSVOA_L
ClientSampled :

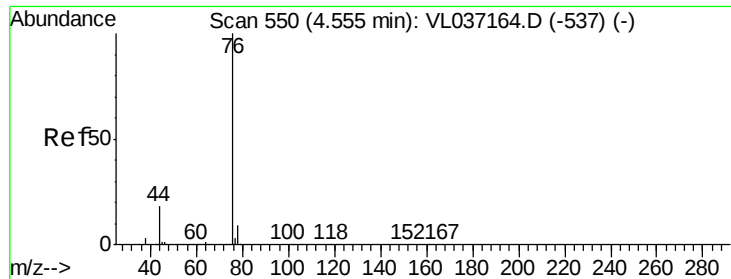
Tot Ion: 43 Resp:20042254
Ion Ratio Lower Upper
43 100
45 1.0 8.0 12.0#
61 0.0 8.1 12.1#
70 0.0 5.5 8.3#



#26
Hexane
Concen: 0.735 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Tgt Ion: 57 Resp: 164616
Ion Ratio Lower Upper
57 100
41 165.3 73.5 110.3#
43 0.0 170.7 256.1#
56 75.6 42.4 63.6#

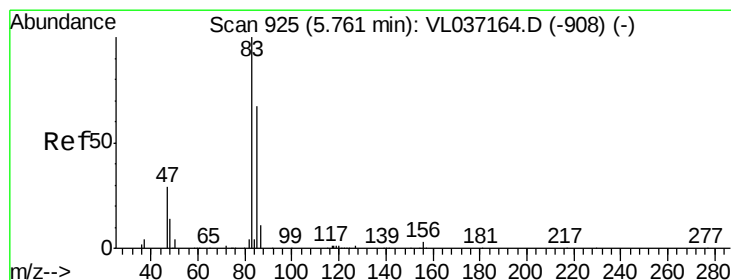
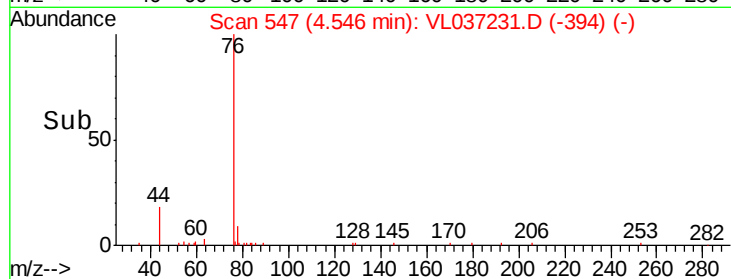
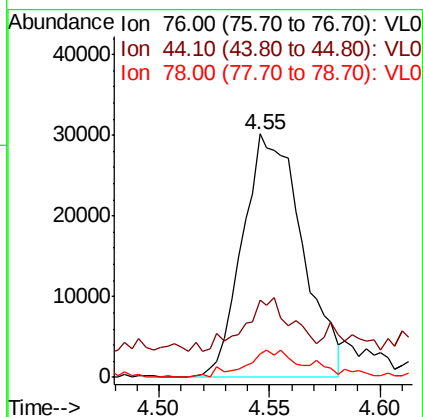
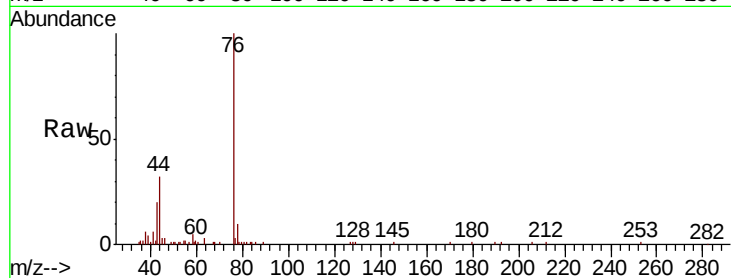




#27
Carbon Disulfide
Concen: 0.258 ppbv
RT: 4.55 min Scan# 547
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

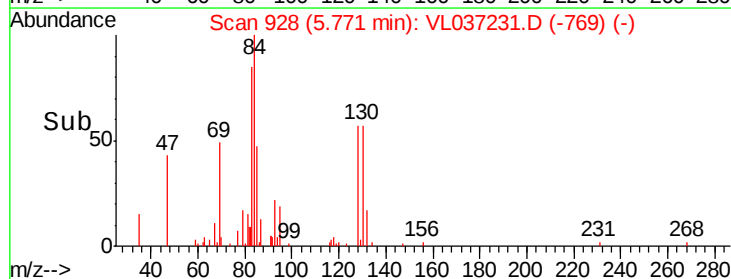
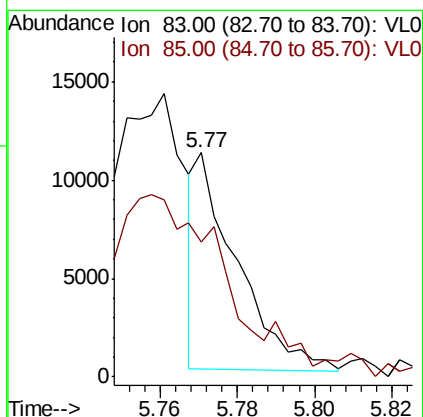
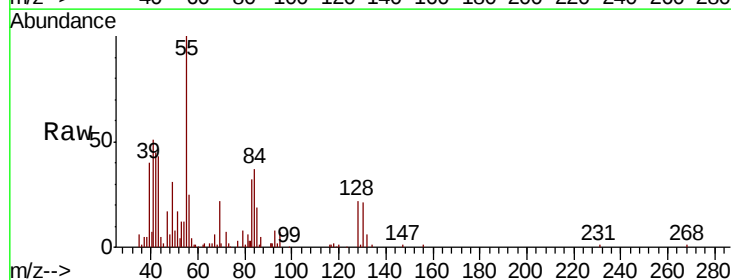
Instrument :
MSVOA_L
ClientSampleId :

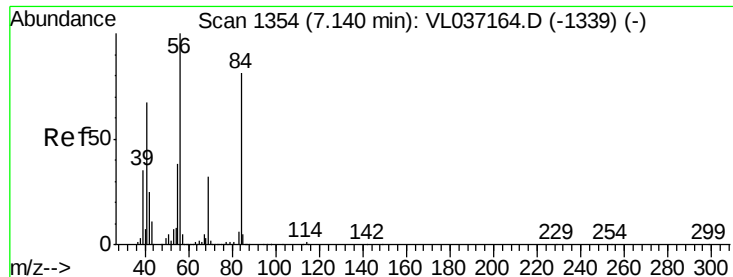
Tot Ion: 76 Resp: 56494
Ion Ratio Lower Upper
76 100
44 23.8 15.4 23.2#
78 13.1 8.0 12.0#



#29
Chloroform
Concen: 0.023 ppbv
RT: 5.77 min Scan# 928
Delta R.T. 0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Tgt Ion: 83 Resp: 8120
Ion Ratio Lower Upper
83 100
85 55.3 53.6 80.4

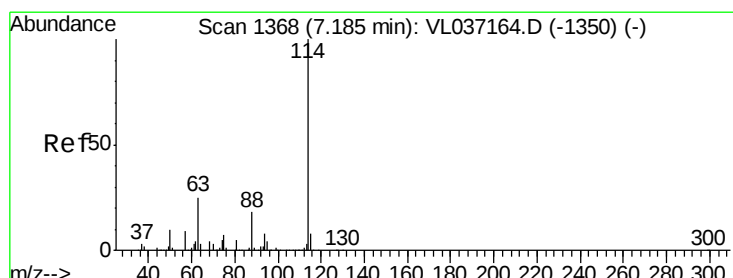
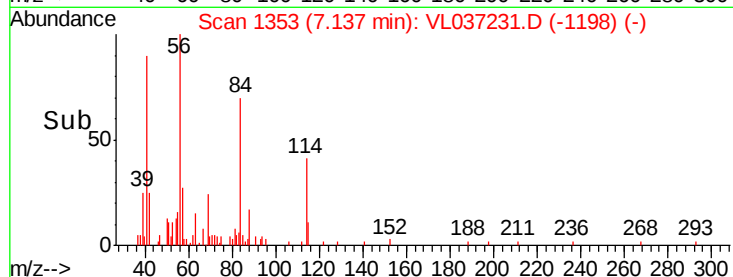
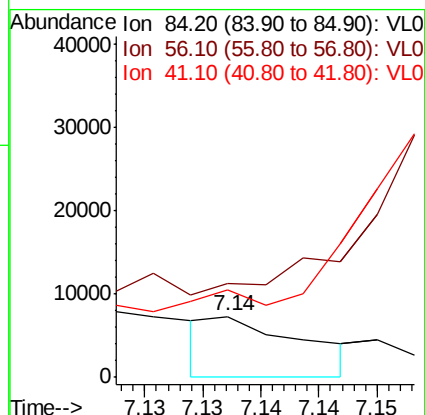
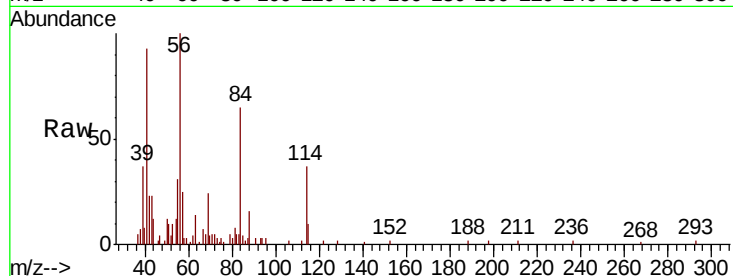




#30
Cvclohexane
Concen: 0.022 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

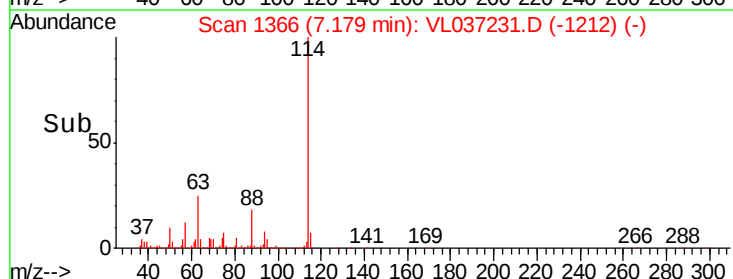
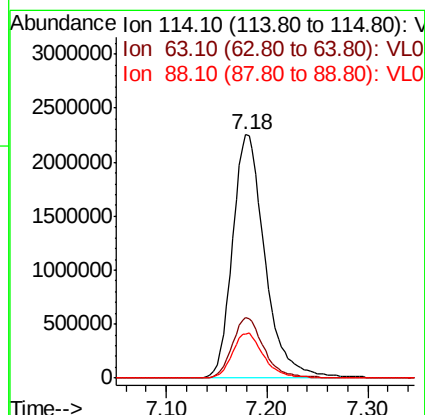
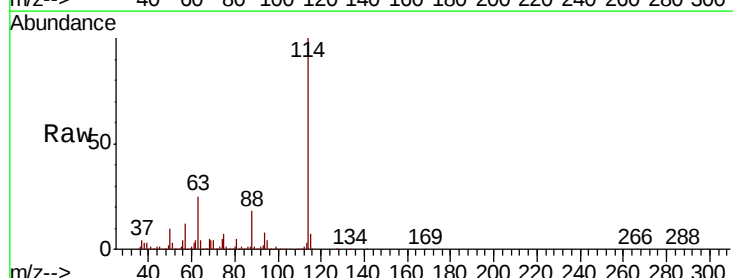
Instrument :
MSVOA_L
ClientSampled :

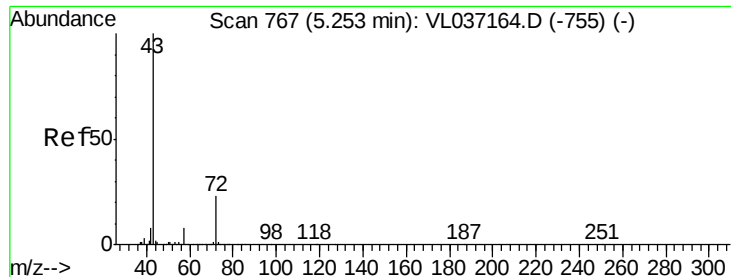
Tot Ion: 84 Resp: 4024
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 0.0 69.0 103.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Tgt Ion: 114 Resp: 5037767
Ion Ratio Lower Upper
114 100
63 24.6 19.6 29.4
88 18.2 14.2 21.2

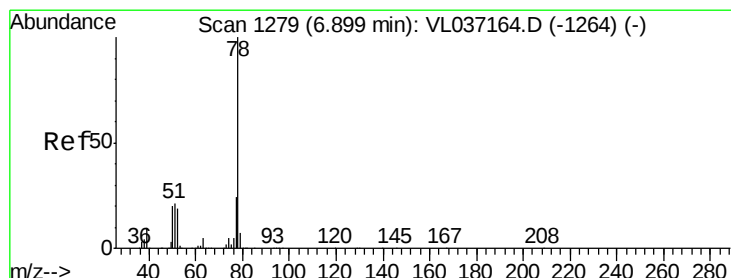
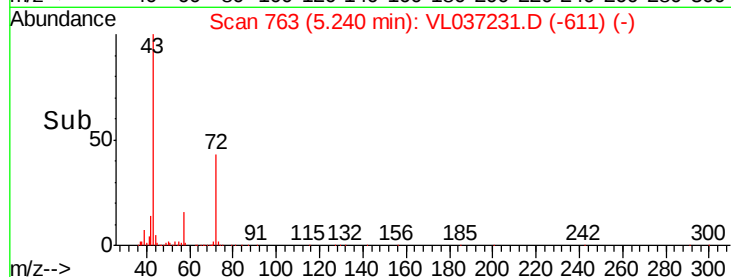
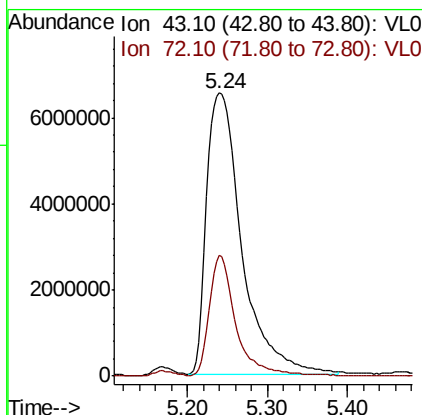
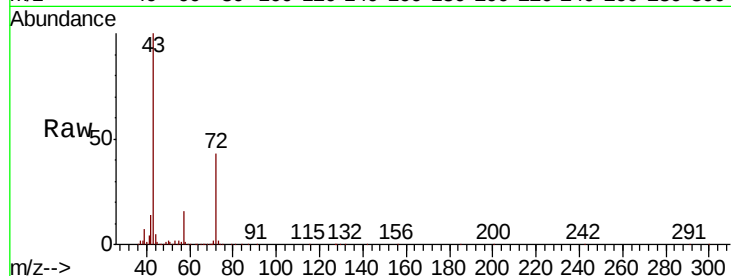




#34
2-Butanone
Concen: 102.533 ppbv
RT: 5.24 min Scan# 763
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

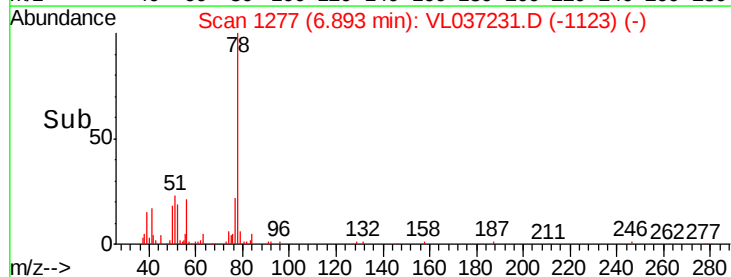
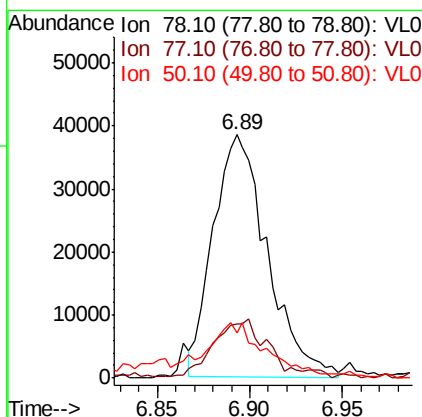
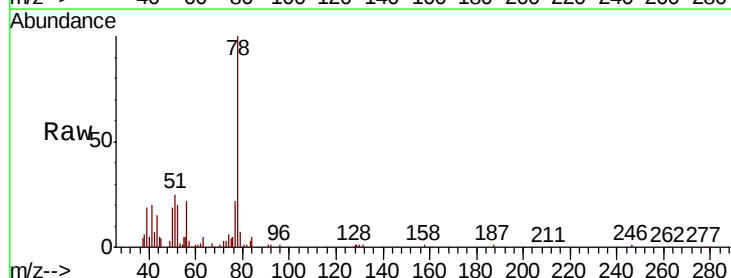
Instrument :
MSVOA_L
ClientSampleId :

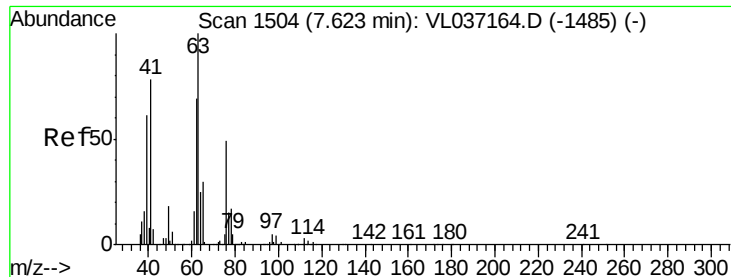
Tot Ion: 43 Resp:20088677
Ion Ratio Lower Upper
43 100
72 32.3 18.9 28.3#



#36
Benzene
Concen: 0.191 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Tgt Ion: 78 Resp: 77798
Ion Ratio Lower Upper
78 100
77 21.6 19.0 28.6
50 17.5 15.7 23.5



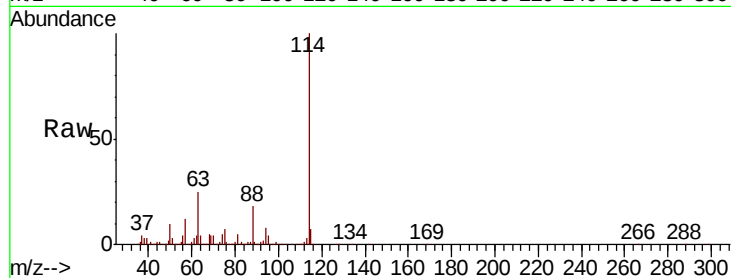


#39
 1,2-Dichloropropane
 Concen: 8.076 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.44 min
 Lab File: VL037231.D
 Acq: 23 Jun 2021 00:31

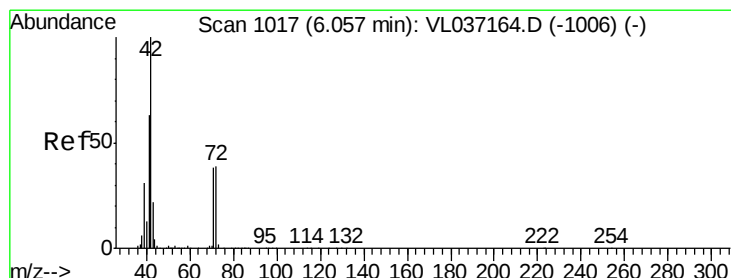
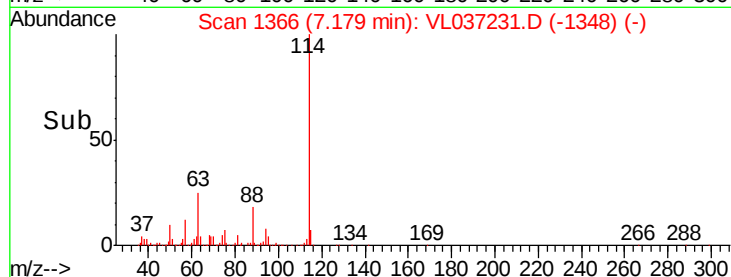
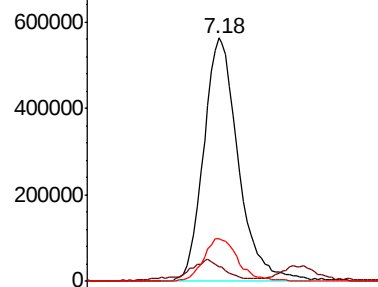
Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 1222462

Ion	Ratio	Lower	Upper
63	100		
41	4.2	62.0	93.0#
62	17.3	54.9	82.3#



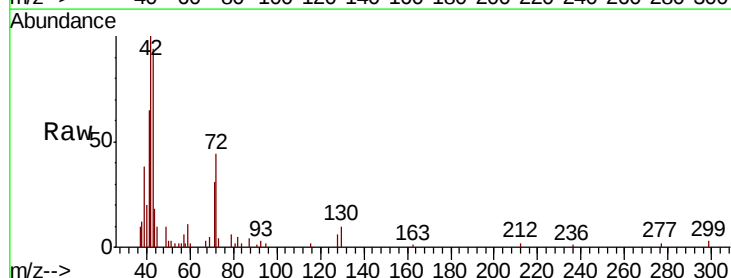
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0



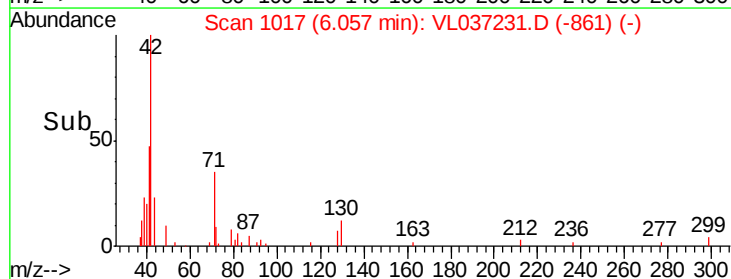
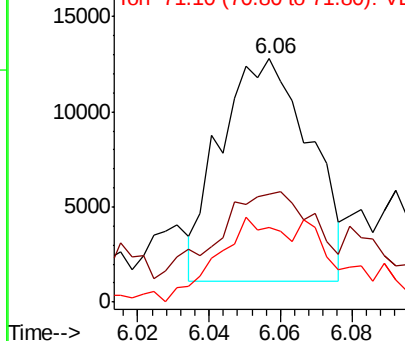
#41
 Tetrahydrofuran
 Concen: 0.223 ppbv
 RT: 6.06 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VL037231.D
 Acq: 23 Jun 2021 00:31

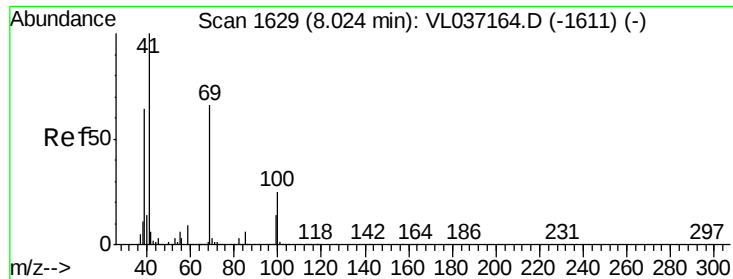
Tgt Ion: 42 Resp: 20275

Ion	Ratio	Lower	Upper
42	100		
72	52.1	33.0	49.4#
71	57.9	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

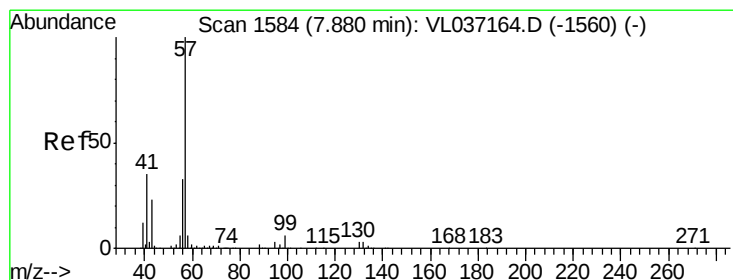
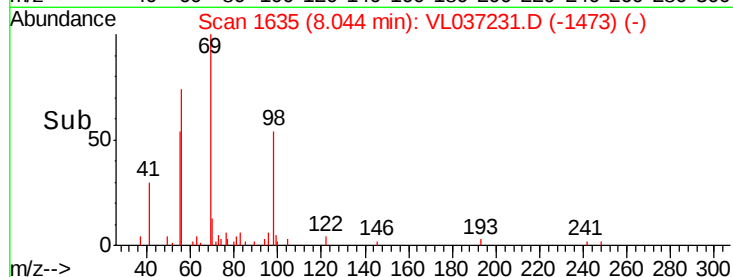
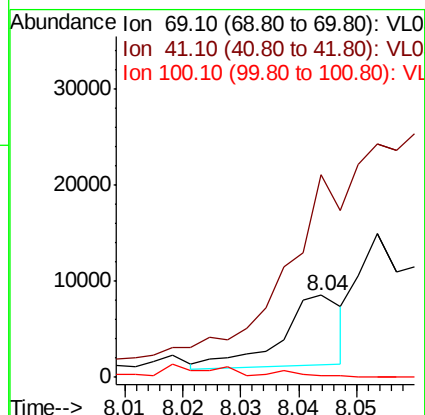
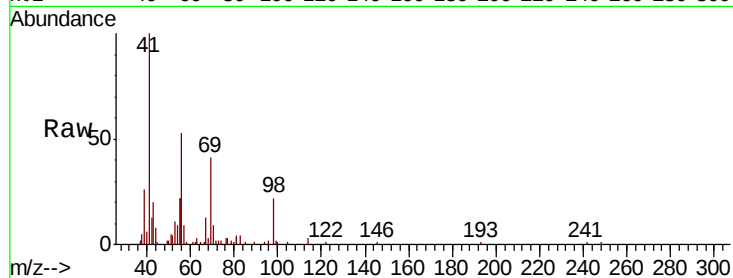




#43
Methyl Methacrylate
Concen: 0.038 ppbv
RT: 8.04 min Scan# 1635
Delta R.T. 0.02 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

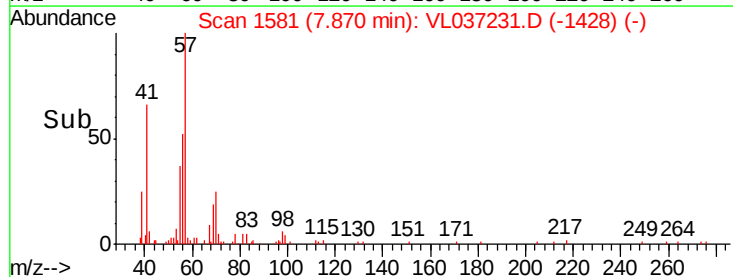
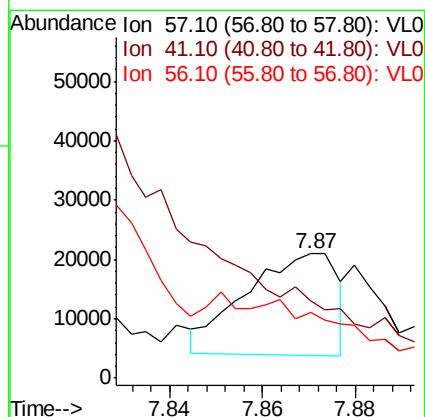
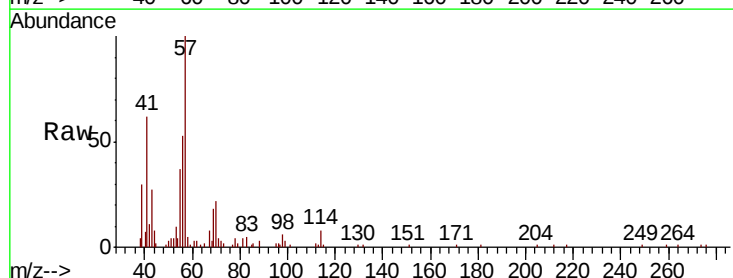
Instrument :
MSVOA_L
ClientSampleId :

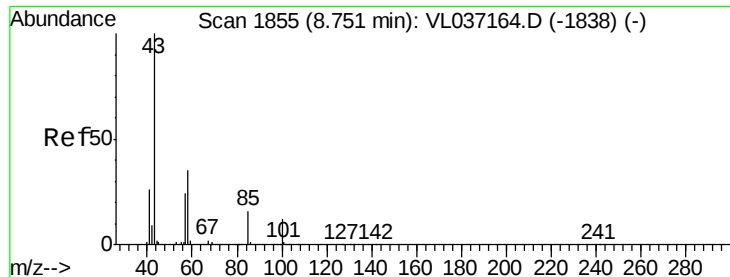
Tot Ion: 69 Resp: 5299
Ion Ratio Lower Upper
69 100
41 0.0 119.4 179.0#
100 27.7 28.6 43.0#



#44
2,2,4-Trimethylpentane
Concen: 0.034 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Tgt Ion: 57 Resp: 23601
Ion Ratio Lower Upper
57 100
41 0.0 27.6 41.4#
56 0.0 25.3 37.9#

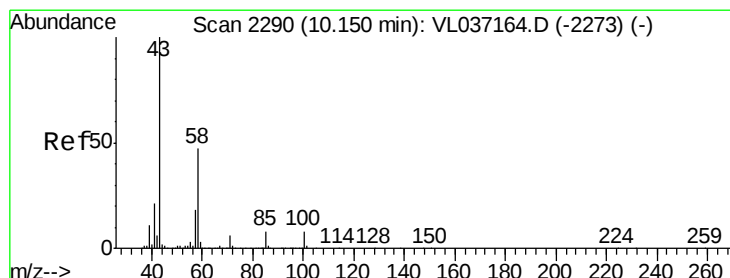
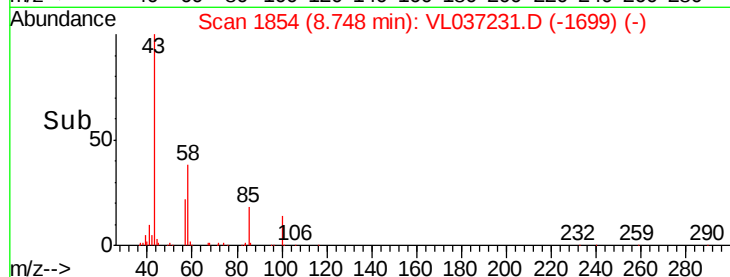
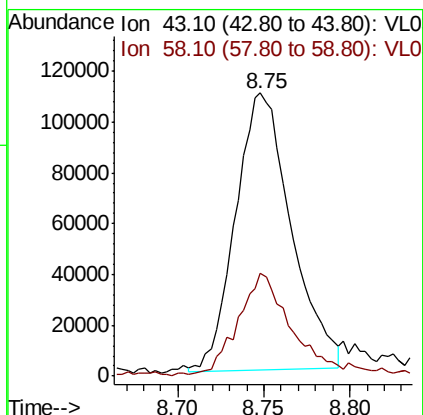
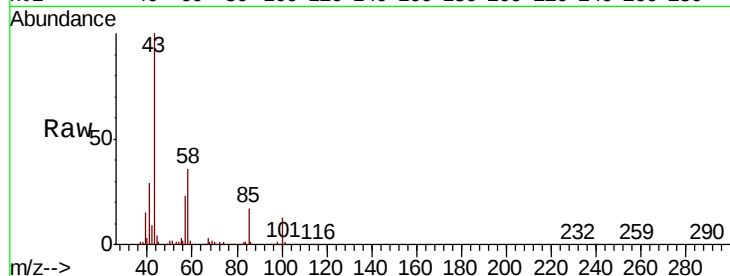




#50
 4-Methyl-2-Pentanone
 Concen: 0.916 ppbv
 RT: 8.75 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VL037231.D
 Acq: 23 Jun 2021 00:31

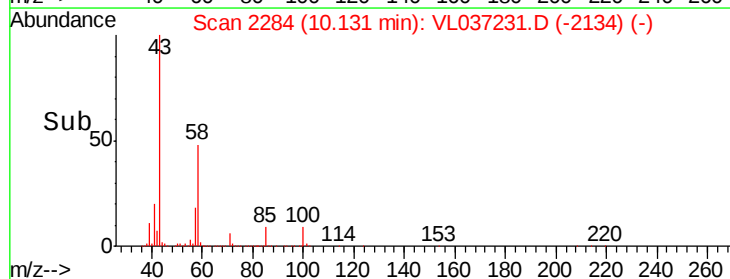
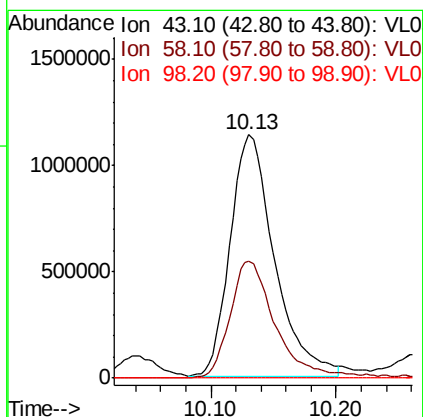
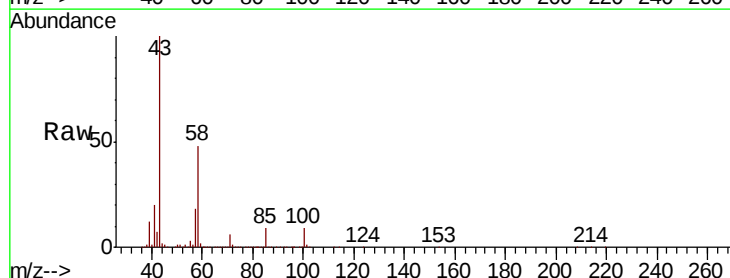
Instrument :
 MSVOA_L
 ClientSampleId :

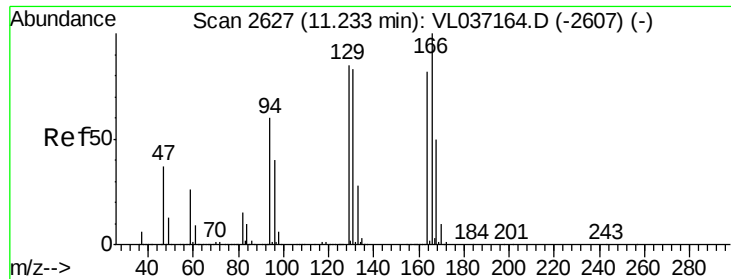
Tot Ion: 43 Resp: 246633
 Ion Ratio Lower Upper
 43 100
 58 38.8 28.4 42.6



#51
 2-Hexanone
 Concen: 21.290 ppbv
 RT: 10.13 min Scan# 2284
 Delta R.T. -0.02 min
 Lab File: VL037231.D
 Acq: 23 Jun 2021 00:31

Tgt Ion: 43 Resp: 2787670
 Ion Ratio Lower Upper
 43 100
 58 50.7 38.4 57.6
 98 0.1 0.3 0.5#

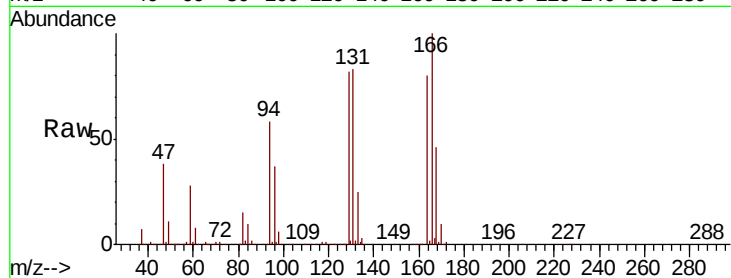




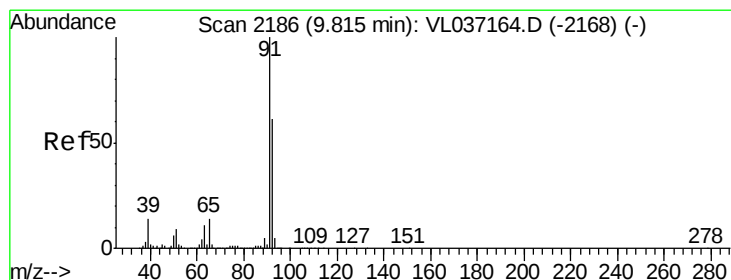
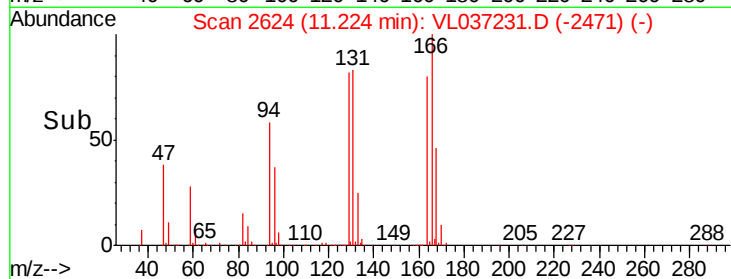
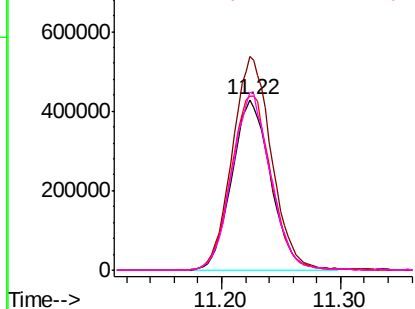
#52
Tetrachloroethene
Concen: 5.130 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:164 Resp: 971076
Ion Ratio Lower Upper
164 100
166 125.1 97.6 146.4
129 102.4 82.9 124.3
131 104.4 80.6 120.8

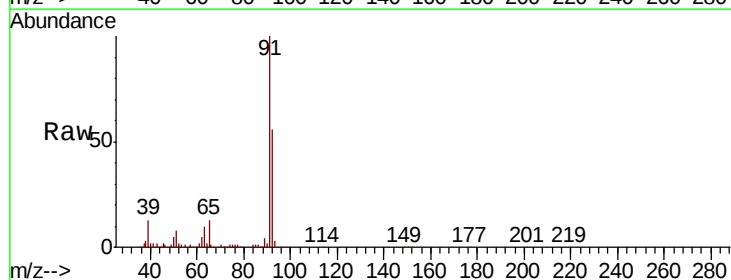


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

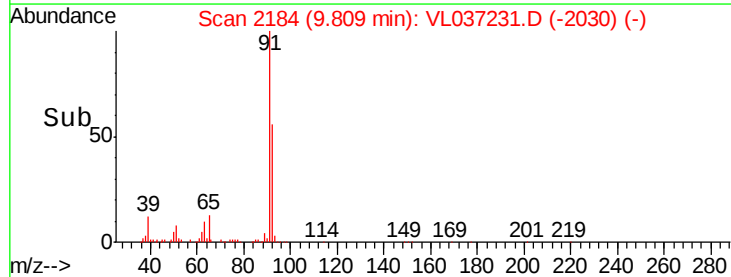
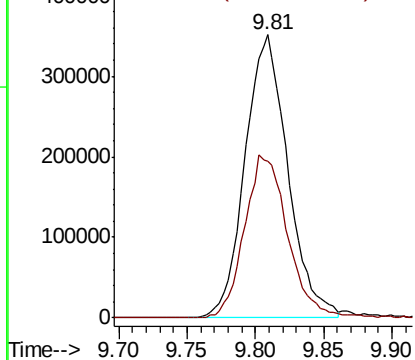


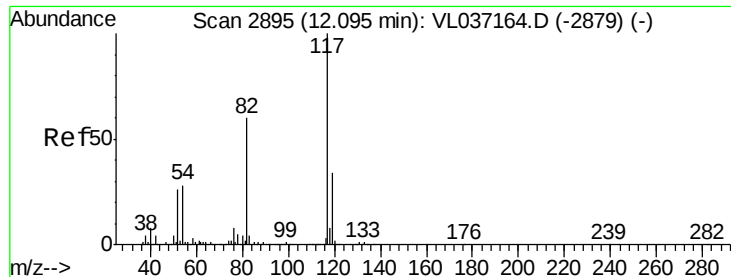
#53
Toluene
Concen: 1.571 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Tgt Ion: 91 Resp: 764314
Ion Ratio Lower Upper
91 100
92 58.9 48.3 72.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0

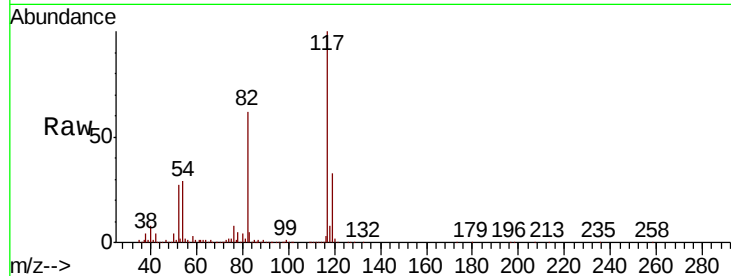




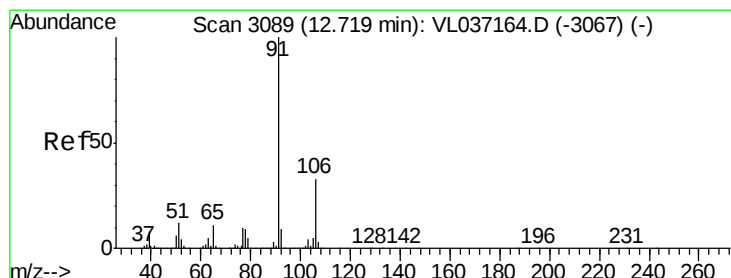
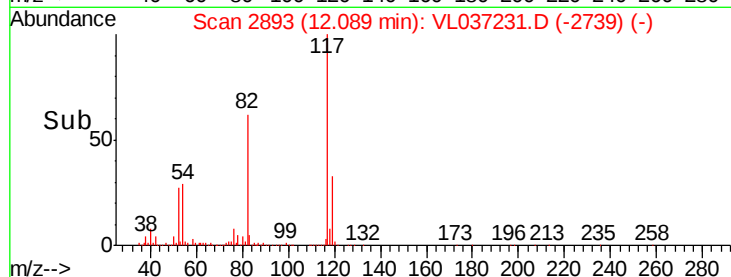
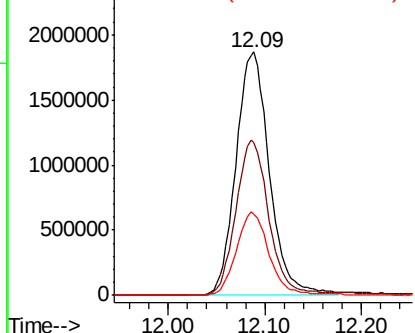
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 4501703
Ion Ratio Lower Upper
117 100
82 64.4 51.7 77.5
119 34.0 47.6 71.4#

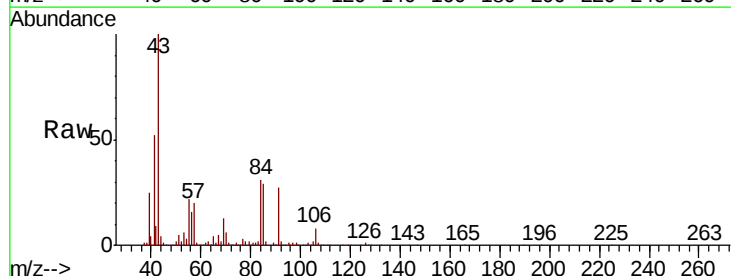


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

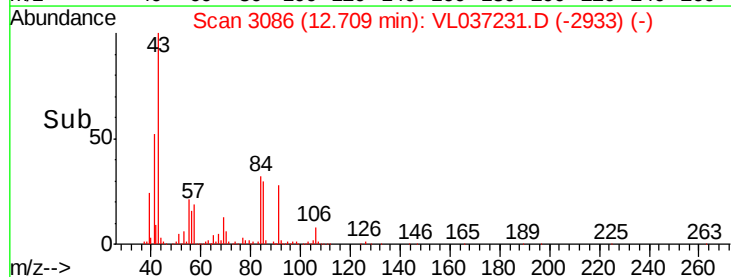
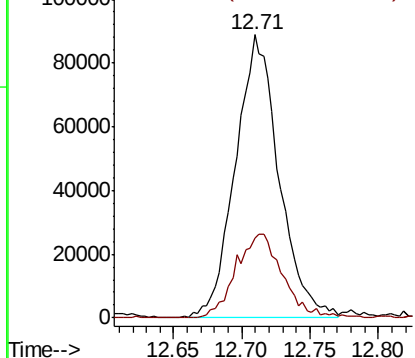


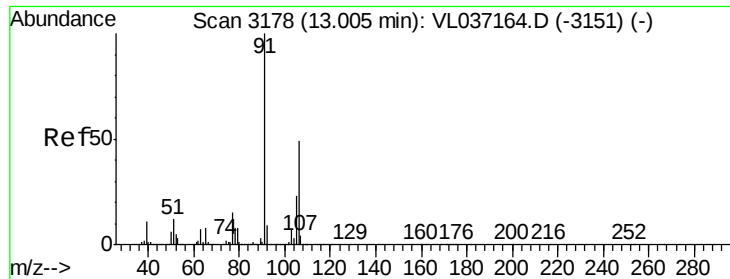
#58
Ethyl Benzene
Concen: 0.316 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Tgt Ion: 91 Resp: 195586
Ion Ratio Lower Upper
91 100
106 28.2 26.3 39.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

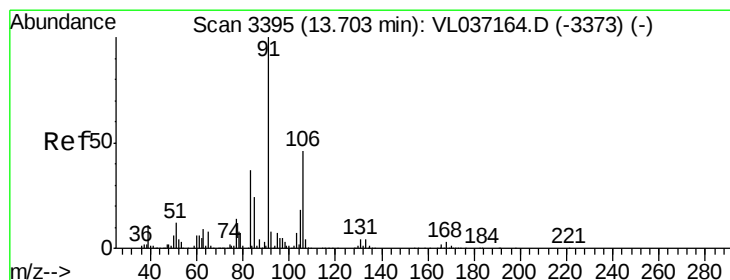
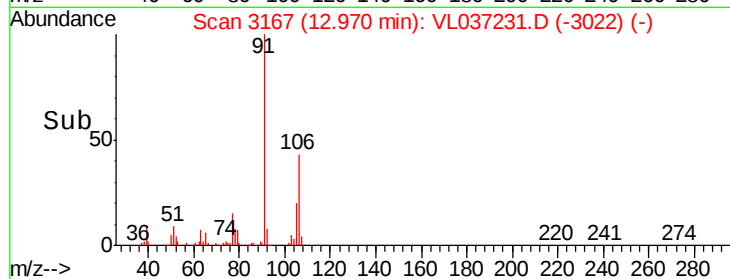
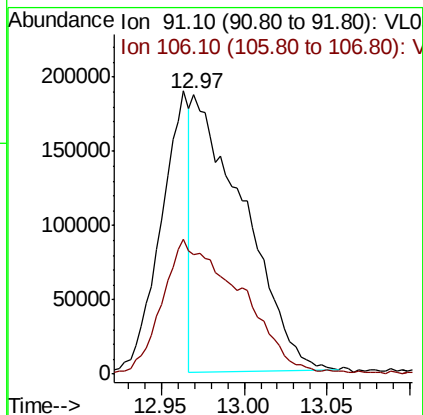
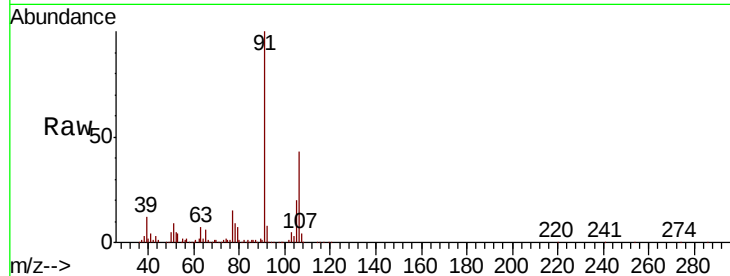




#59
m/p-Xylene
Concen: 0.763 ppbv
RT: 12.97 min Scan# 3167
Delta R.T. -0.04 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

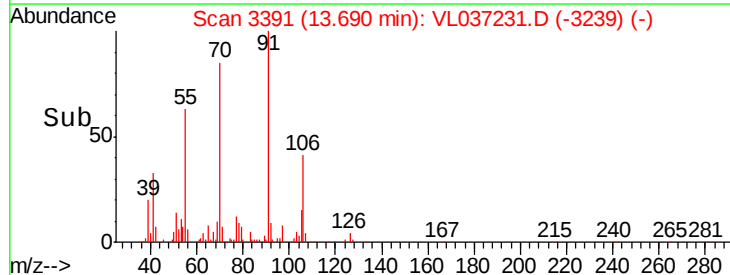
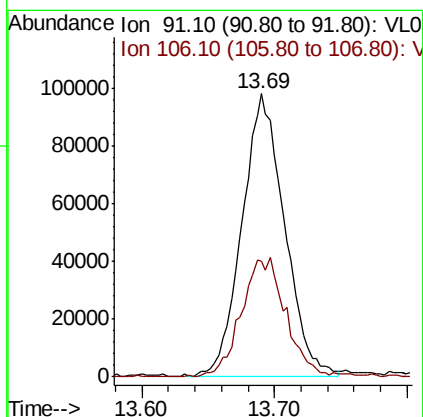
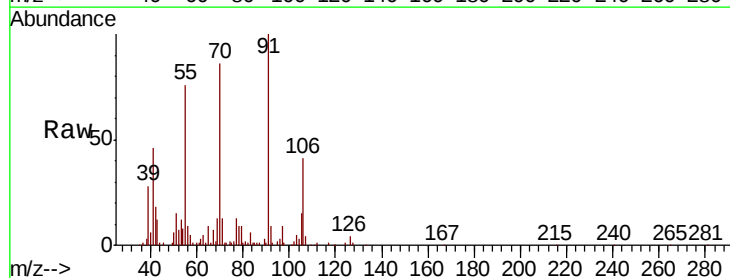
Instrument :
MSVOA_L
ClientSampleId :

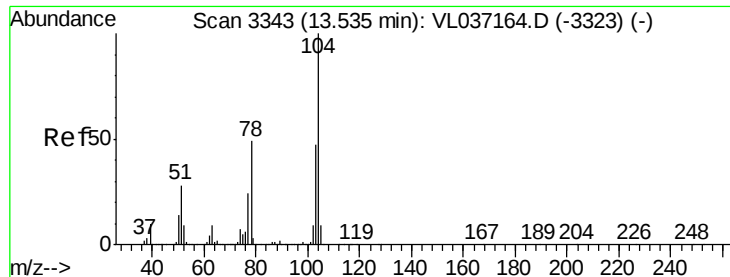
Tot Ion: 91 Resp: 400714
Ion Ratio Lower Upper
91 100
106 0.0 37.0 55.4#



#60
o-Xylene
Concen: 0.435 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Tgt Ion: 91 Resp: 217511
Ion Ratio Lower Upper
91 100
106 45.3 23.0 69.0





#61

Stvrene

Concen: 0.105 ppbv

RT: 13.53 min Scan# 3341

Delta R.T. -0.01 min

Lab File: VL037231.D

Acq: 23 Jun 2021 00:31

Instrument :

MSVOA_L

ClientSampled :

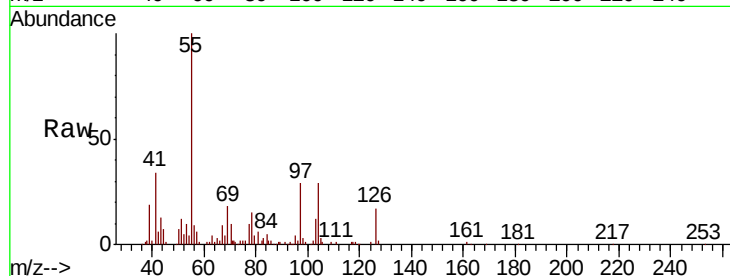
Tot Ion:104 Resp: 27114

Ion Ratio Lower Upper

104 100

78 97.4 39.7 59.5#

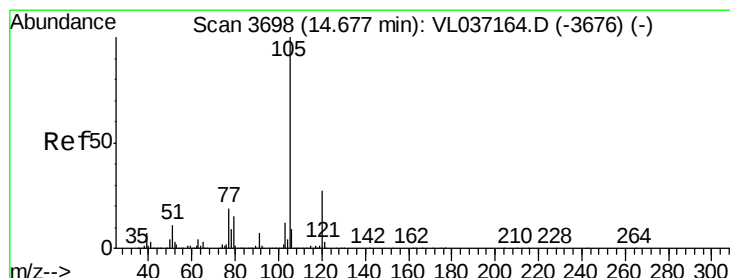
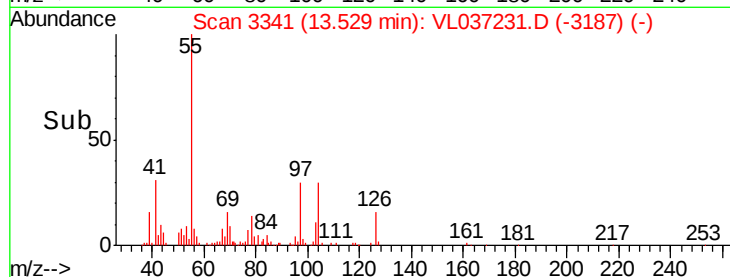
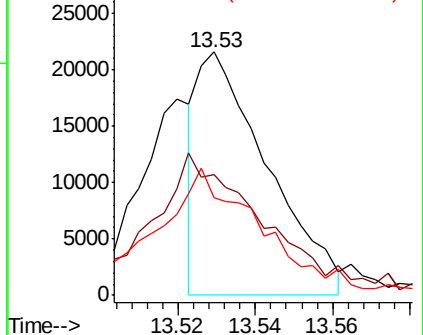
103 85.9 37.6 56.4#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.032 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. -0.01 min

Lab File: VL037231.D

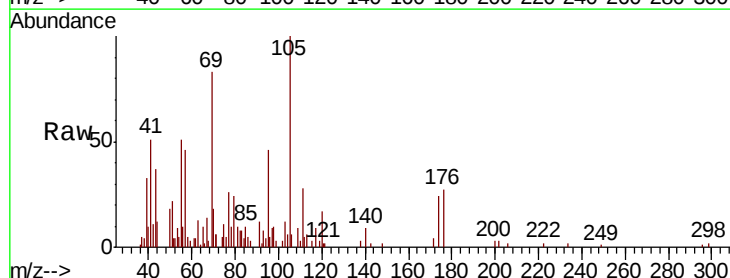
Acq: 23 Jun 2021 00:31

Tgt Ion:105 Resp: 22664

Ion Ratio Lower Upper

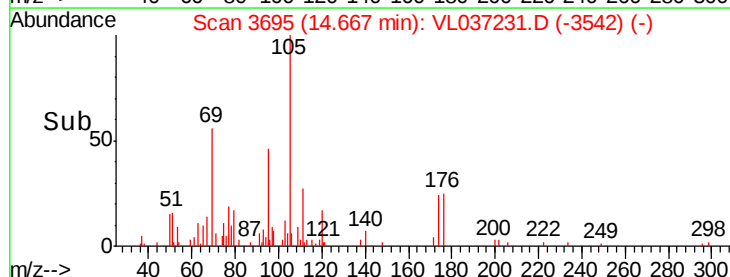
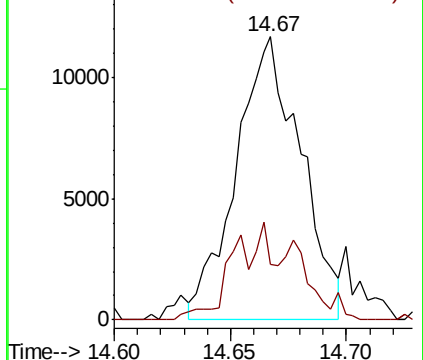
105 100

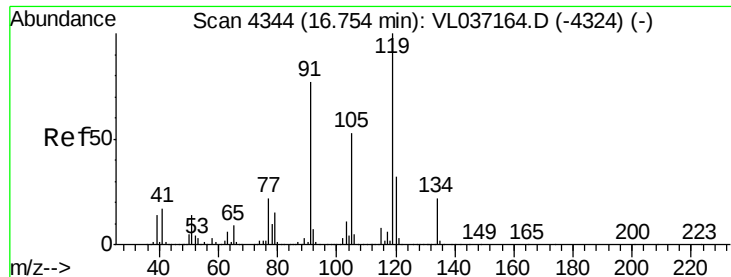
120 32.9 21.6 32.4#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

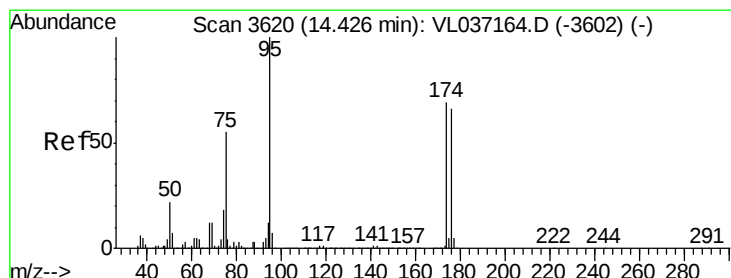
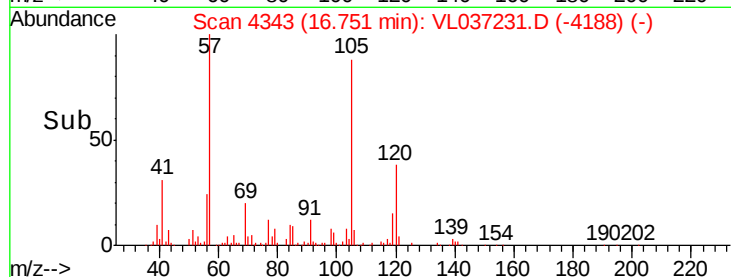
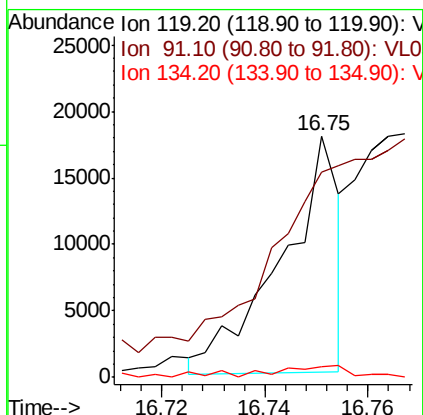
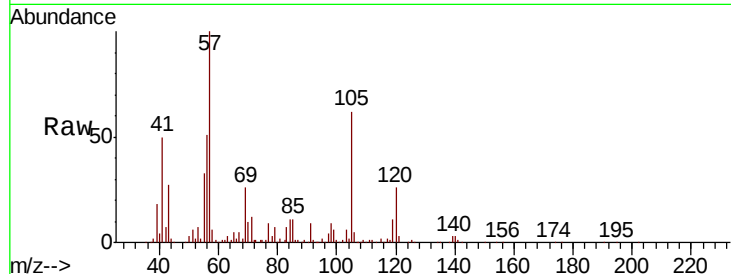




#65
tert-Butylbenzene
Concen: 0.022 ppbv
RT: 16.75 min Scan# 4343
Delta R.T. -0.00 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

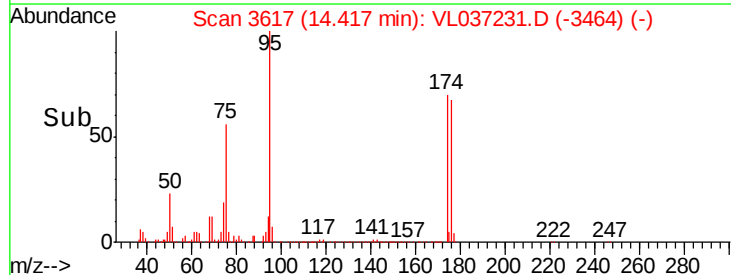
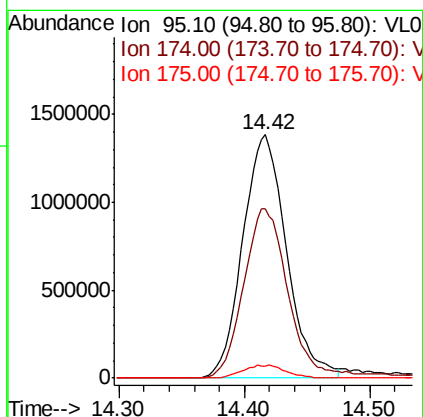
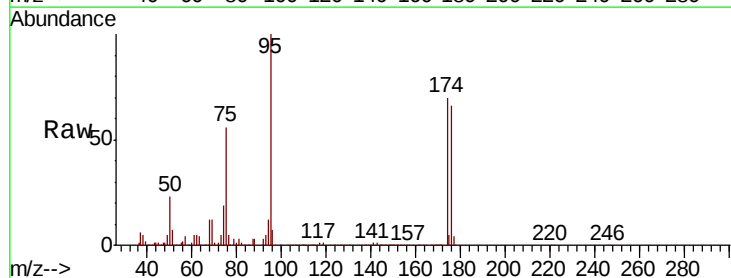
Instrument :
MSVOA_L
ClientSampled :

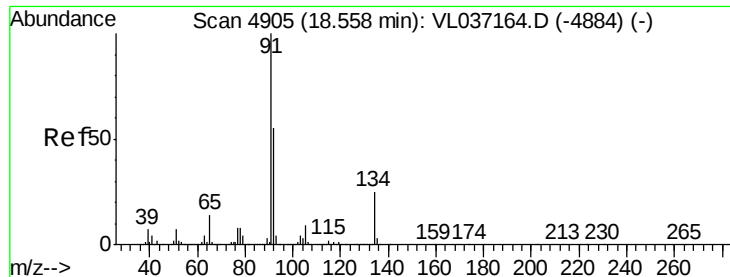
Tot Ion: 119 Resp: 13910
Ion Ratio Lower Upper
119 100
91 0.0 62.6 93.8#
134 6.9 16.2 24.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.838 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Tgt Ion: 95 Resp: 3355878
Ion Ratio Lower Upper
95 100
174 73.8 57.0 85.4
175 5.3 4.4 6.6

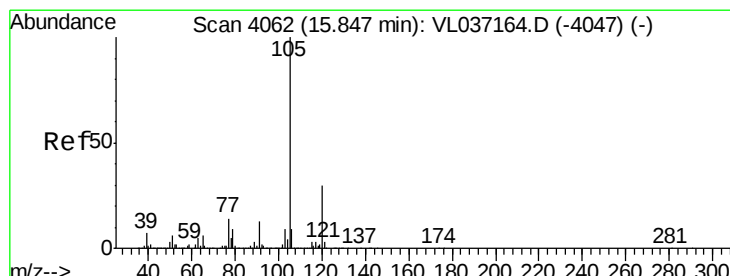
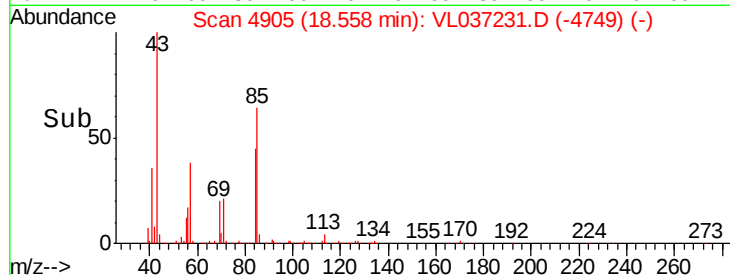
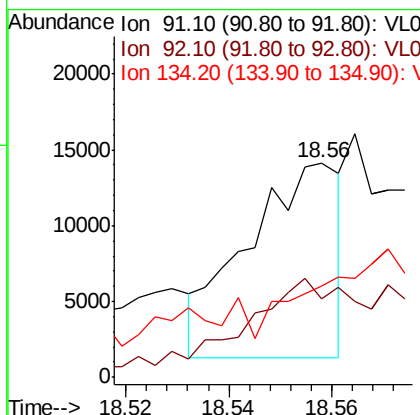
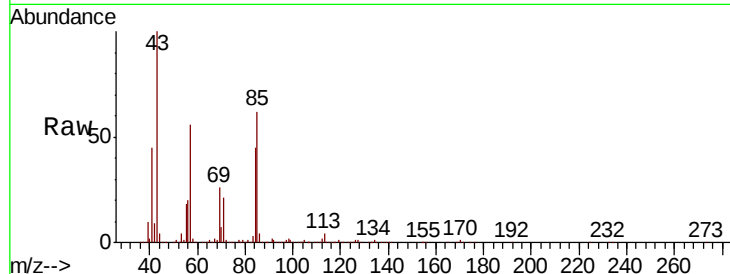




#70
n-Butylbenzene
Concen: 0.024 ppbv
RT: 18.56 min Scan# 4905
Delta R.T. 0.00 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

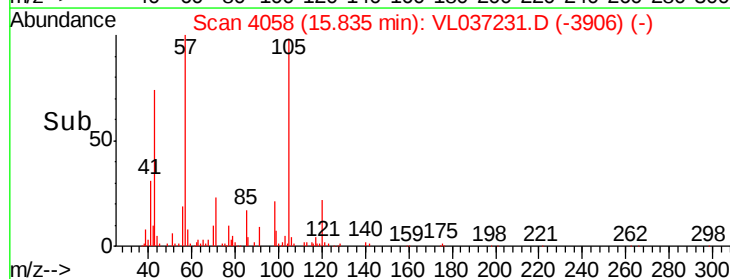
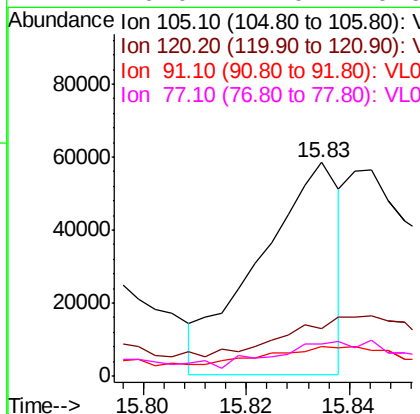
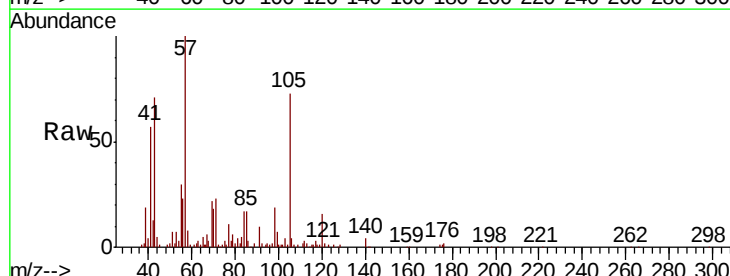
Instrument :
MSVOA_L
ClientSampleId :

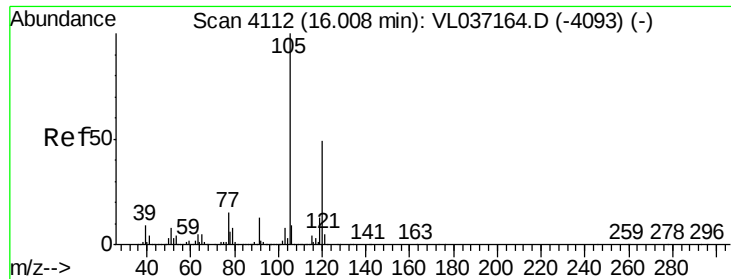
Tot Ion: 91 Resp: 16076
Ion Ratio Lower Upper
91 100
92 105.5 44.0 66.0#
134 0.0 20.2 30.4#



#72
4-Ethyltoluene
Concen: 0.112 ppbv
RT: 15.83 min Scan# 4058
Delta R.T. -0.01 min
Lab File: VL037231.D
Acq: 23 Jun 2021 00:31

Tgt Ion: 105 Resp: 63394
Ion Ratio Lower Upper
105 100
120 0.0 24.7 37.1#
91 34.3 10.2 15.4#
77 0.0 11.0 16.6#

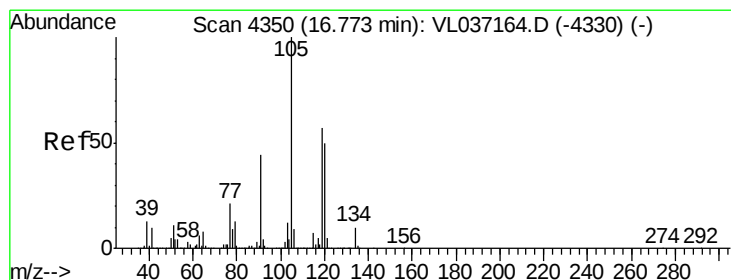
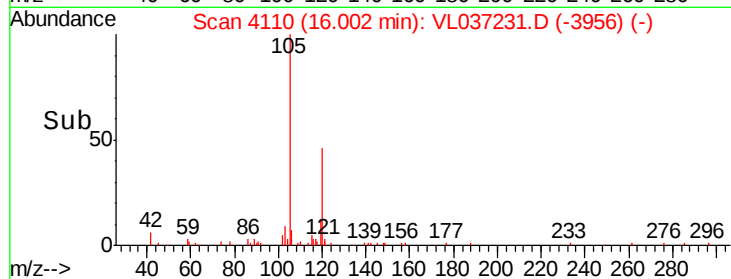
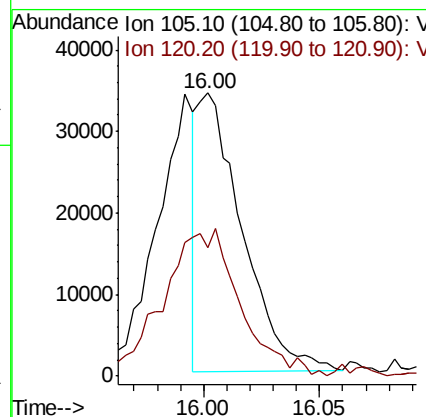
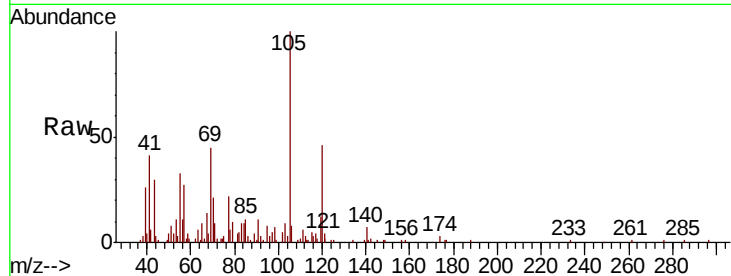




#73
 1,3,5-Trimethylbenzene
 Concen: 0.082 ppbv
 RT: 16.00 min Scan# 4110
 Delta R.T. -0.01 min
 Lab File: VL037231.D
 Acq: 23 Jun 2021 00:31

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:105 Resp: 45077
 Ion Ratio Lower Upper
 105 100
 120 46.0 39.4 59.2



#74
 1,2,4-Trimethylbenzene
 Concen: 0.607 ppbv
 RT: 16.76 min Scan# 4346
 Delta R.T. -0.01 min
 Lab File: VL037231.D
 Acq: 23 Jun 2021 00:31

Tgt Ion:105 Resp: 343242
 Ion Ratio Lower Upper
 105 100
 120 43.1 39.8 59.8
 91 9.8 37.0 55.4#
 77 13.8 17.0 25.4#

