

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037230.D
 Acq On : 22 Jun 2021 23:53
 Operator : SY/AP
 Sample : M2797-01 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 23 01:43:54 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	1864415	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	5187537	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4738632	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3528865	9.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	19761	0.061 ppbv	93
3) Chlorodifluoromethane	2.99	51	3584690	9.888 ppbv	100
4) Chloromethane	2.99	50	205213	1.698 ppbv #	73
9) Propene	3.01	41	3799190	32.775 ppbv	96
10) Heptane	8.12	43	249722	0.890 ppbv	97
13) Ethanol	3.61	45	509854	28.434 ppbv	49
15) Acetone	3.84	43	15083752	71.743 ppbv #	81
16) 1,3-Butadiene	3.31	39	4662045	37.509 ppbv #	19
17) tert-Butyl alcohol	4.30	59	285690	1.470 ppbv	98
19) Isopropyl Alcohol	3.97	45	127595	1.002 ppbv #	91
20) Methylene Chloride	4.35	84	126318	1.004 ppbv	97
21) Allyl Chloride	4.30	41	117532	0.742 ppbv #	64
23) Vinyl Acetate	5.18	43	369336	1.225 ppbv #	24
25) Ethyl Acetate	5.24	43	20610710	45.283 ppbv #	76
26) Hexane	5.68	57	212677	0.925 ppbv #	1
27) Carbon Disulfide	4.55	76	635557	2.820 ppbv	99
28) Methyl tert-Butyl Ether	5.17	73	6005	0.022 ppbv #	1
30) Cyclohexane	7.13	84	65478	0.342 ppbv #	61
34) 2-Butanone	5.24	43	20834006	103.267 ppbv #	80
36) Benzene	6.89	78	13431605	32.020 ppbv #	86
39) 1,2-Dichloropropane	7.24	63	15977	0.102 ppbv #	1
41) Tetrahydrofuran	6.05	42	37612	0.401 ppbv #	35
43) Methyl Methacrylate	8.06	69	7009	0.048 ppbv #	1
44) 2,2,4-Trimethylpentane	7.86	57	19795	0.028 ppbv #	1
50) 4-Methyl-2-Pentanone	8.75	43	375602	1.355 ppbv	100
51) 2-Hexanone	10.13	43	2811888	20.855 ppbv #	100
52) Tetrachloroethene	11.22	164	605125	3.105 ppbv	97
53) Toluene	9.81	91	5980761	11.936 ppbv	99
58) Ethyl Benzene	12.71	91	593693	0.910 ppbv	95
59) m/p-Xylene	12.97	91	1069729	1.935 ppbv	97
60) o-Xylene	13.69	91	313953	0.596 ppbv	98
61) Styrene	13.53	104	8230	0.030 ppbv #	1
62) Isopropylbenzene	14.67	105	35952	0.048 ppbv #	79
64) n-propylbenzene	15.57	120	8019	0.043 ppbv #	1
65) tert-Butylbenzene	16.75	119	17175	0.026 ppbv #	24
66) Benzyl Chloride	17.05	91	2757	0.098 ppbv #	1
71) 2-Chlorotoluene	15.77	91	49021	0.094 ppbv	65
72) 4-Ethyltoluene	15.84	105	79338	0.133 ppbv #	51
73) 1,3,5-Trimethylbenzene	16.00	105	81978	0.142 ppbv	96
74) 1,2,4-Trimethylbenzene	16.77	105	186715	0.313 ppbv #	69

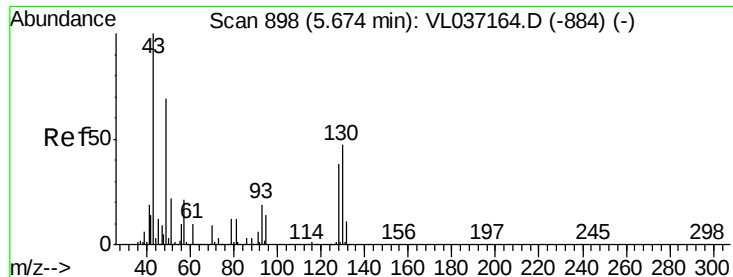
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
Data File : VL037230.D
Acq On : 22 Jun 2021 23:53
Operator : SY/AP
Sample : M2797-01 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jun 23 01:43:54 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL037230.D

Acq: 22 Jun 2021 23:53

Instrument :

MSVOA_L

ClientSampleId :

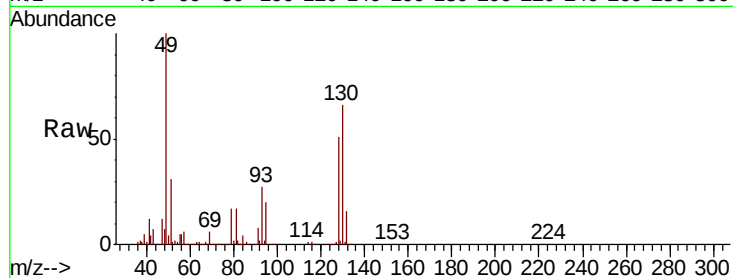
Tot Ion: 49 Resp: 1864415

Ion Ratio Lower Upper

49 100

128 53.8 29.3 88.0

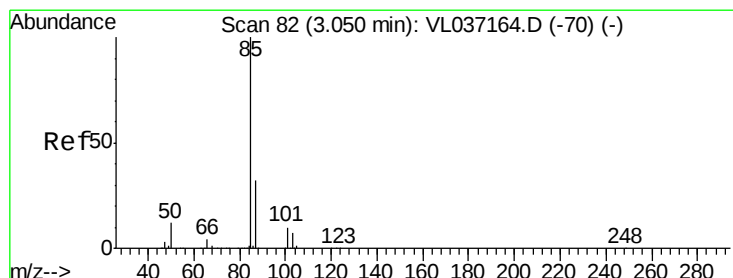
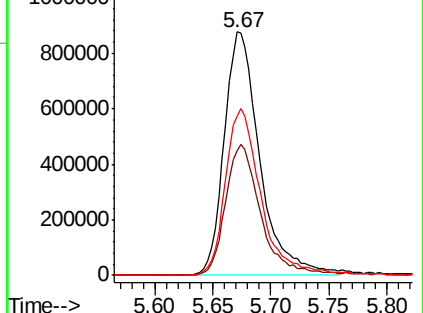
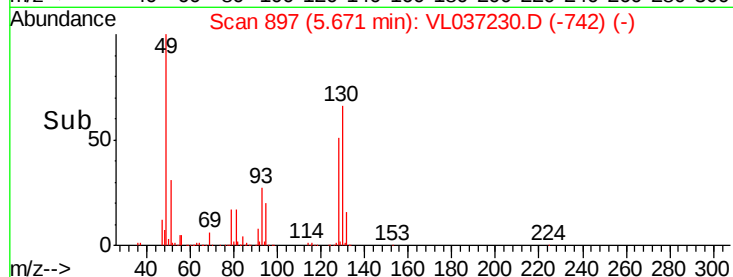
130 69.3 35.9 107.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.061 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL037230.D

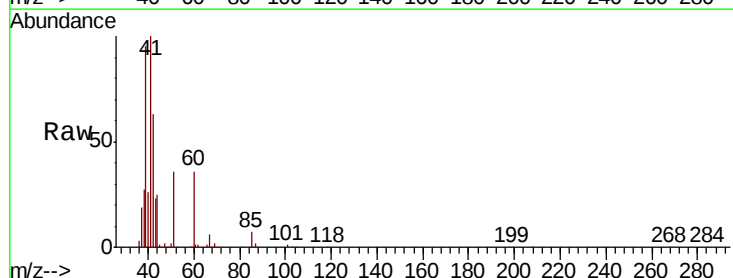
Acq: 22 Jun 2021 23:53

Tgt Ion: 85 Resp: 19761

Ion Ratio Lower Upper

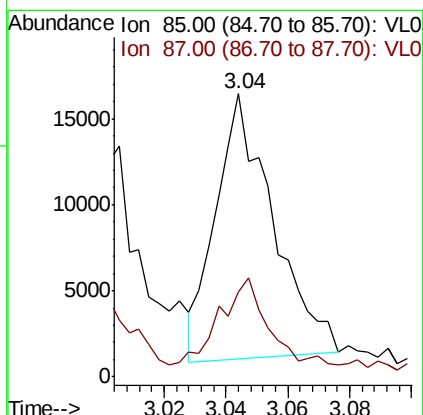
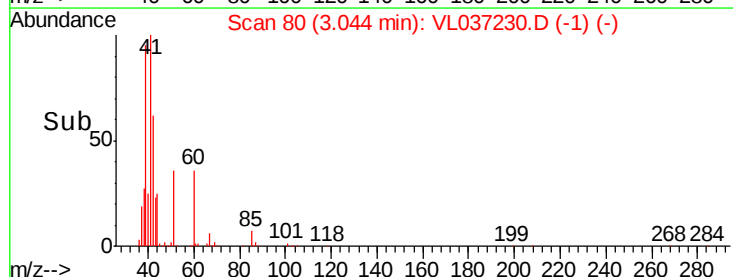
85 100

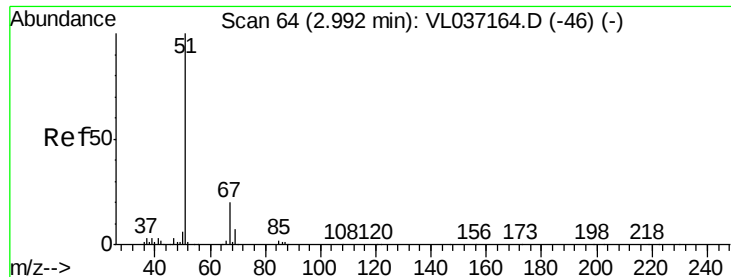
87 28.4 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.888 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.01 min

Lab File: VL037230.D

Acq: 22 Jun 2021 23:53

Instrument :

MSVOA_L

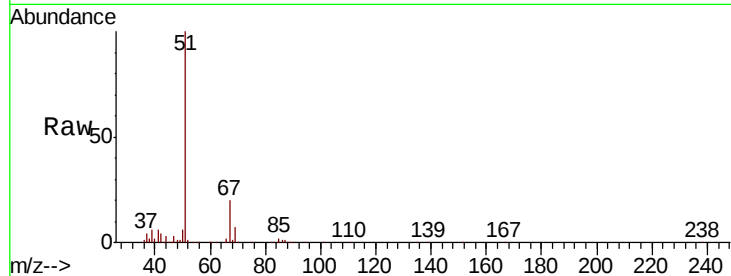
ClientSampleId :

Tot Ion: 51 Resp: 3584690

Ion Ratio Lower Upper

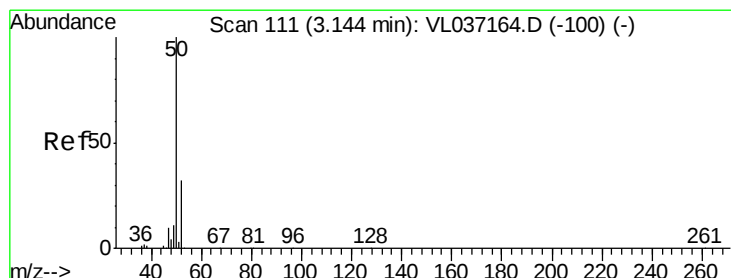
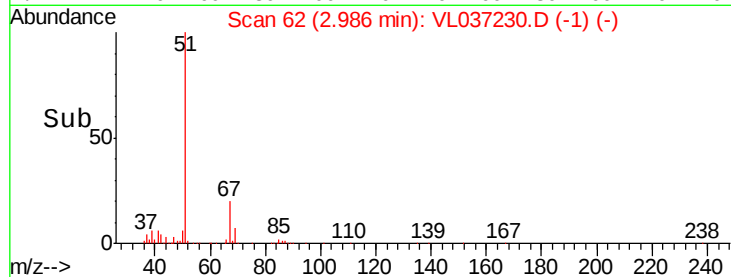
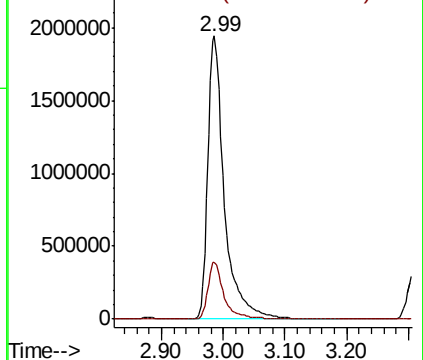
51 100

67 19.6 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: 1.698 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.16 min

Lab File: VL037230.D

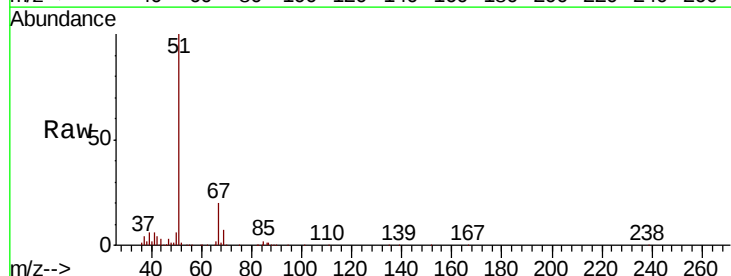
Acq: 22 Jun 2021 23:53

Tgt Ion: 50 Resp: 205213

Ion Ratio Lower Upper

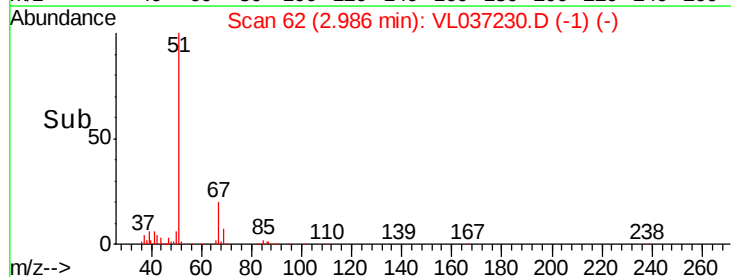
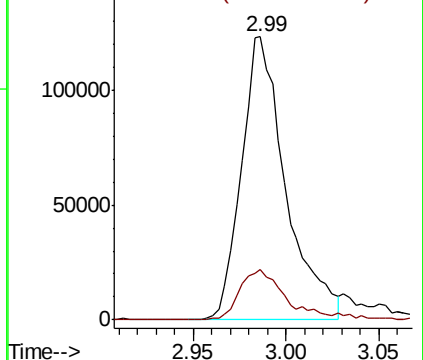
50 100

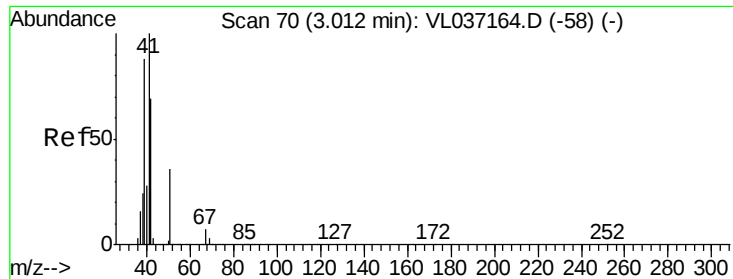
52 17.4 25.8 38.8#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 32.775 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL037230.D

Acq: 22 Jun 2021 23:53

Instrument :

MSVOA_L

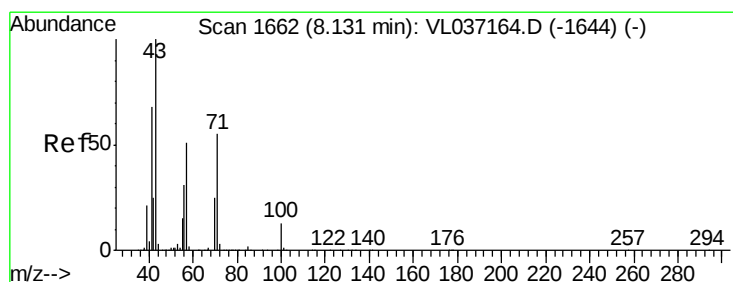
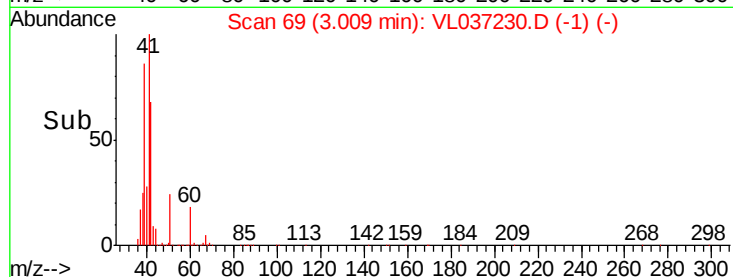
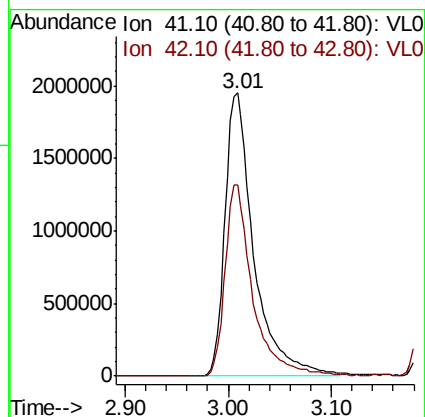
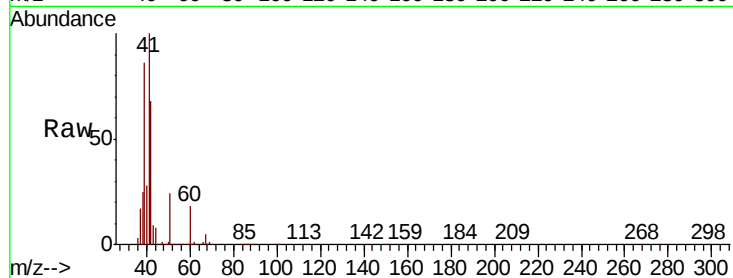
ClientSampleId :

Tot Ion: 41 Resp: 3799190

Ion Ratio Lower Upper

41 100

42 64.9 54.5 81.7



#10

Heptane

Concen: 0.890 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL037230.D

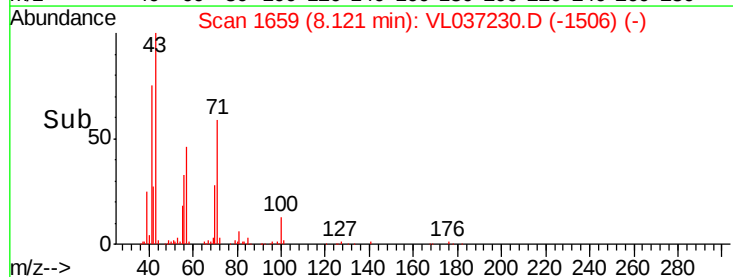
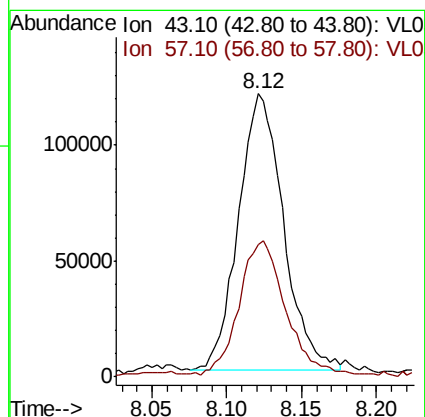
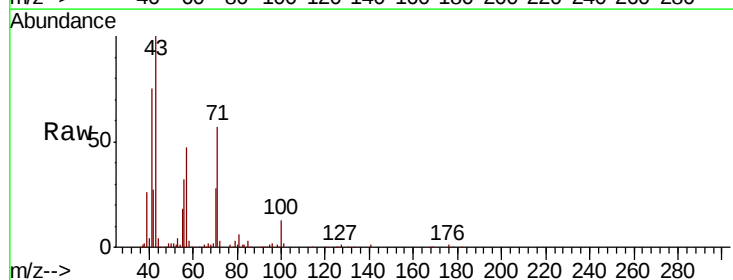
Acq: 22 Jun 2021 23:53

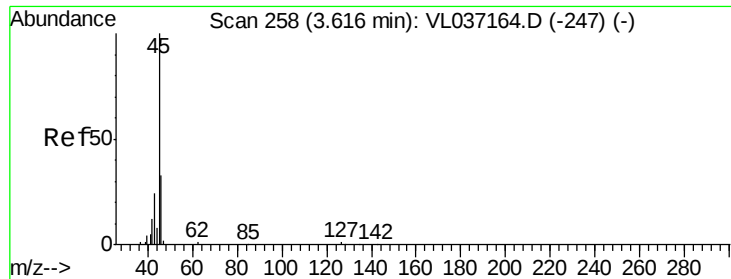
Tgt Ion: 43 Resp: 249722

Ion Ratio Lower Upper

43 100

57 49.1 40.6 61.0

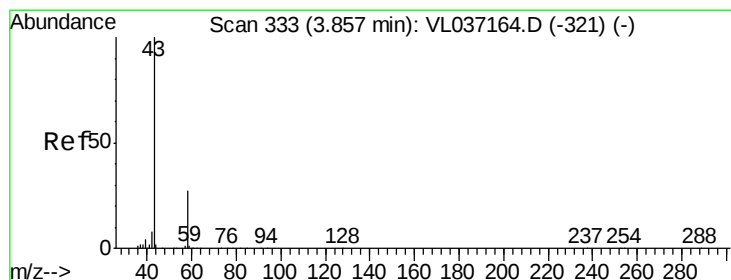
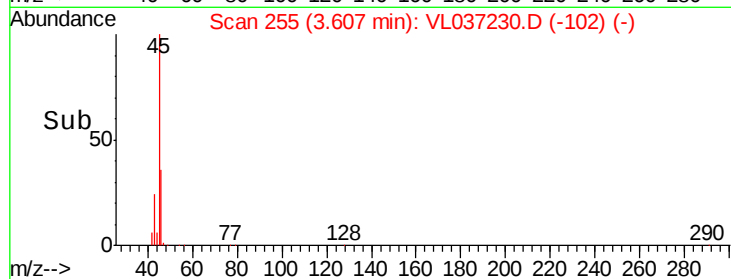
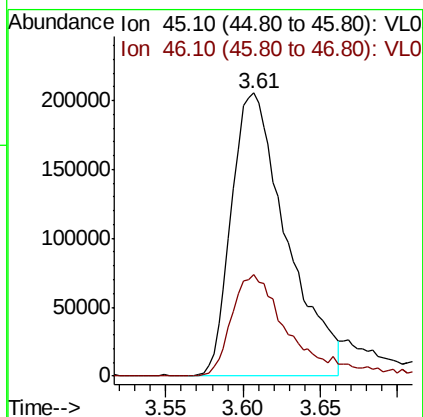
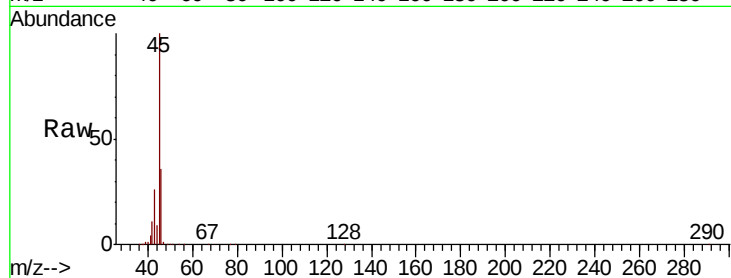




#13
Ethanol
Concen: 28.434 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.01 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

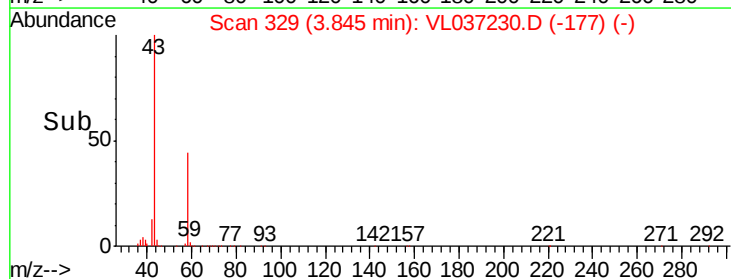
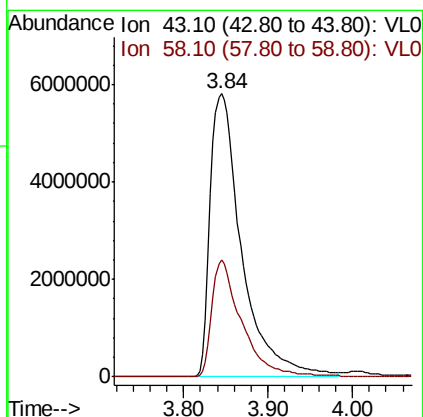
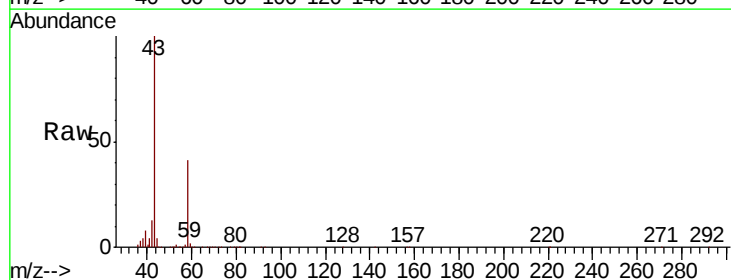
Instrument :
MSVOA_L
ClientSampleId :

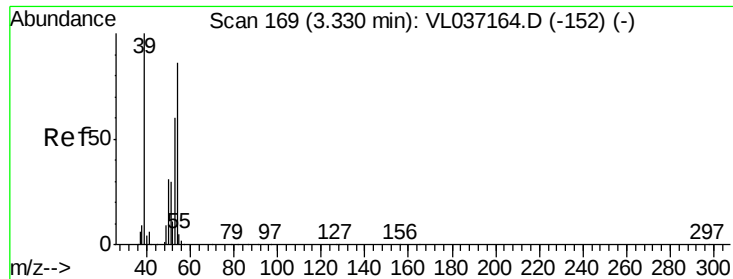
Tot Ion: 45 Resp: 509854
Ion Ratio Lower Upper
45 100
46 39.0 34.2 137.0



#15
Acetone
Concen: 71.743 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

Tgt Ion: 43 Resp:15083752
Ion Ratio Lower Upper
43 100
58 39.7 23.7 35.5#

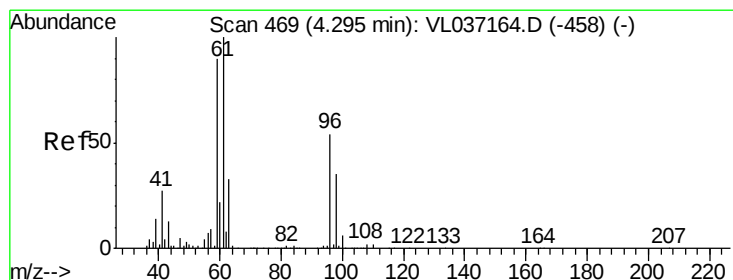
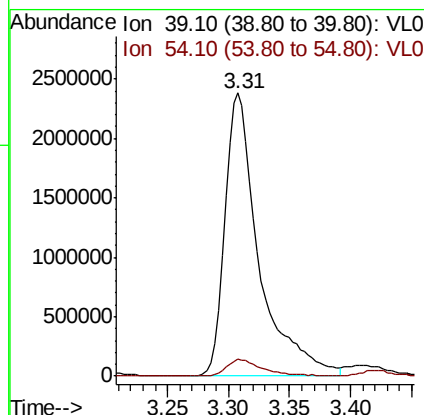
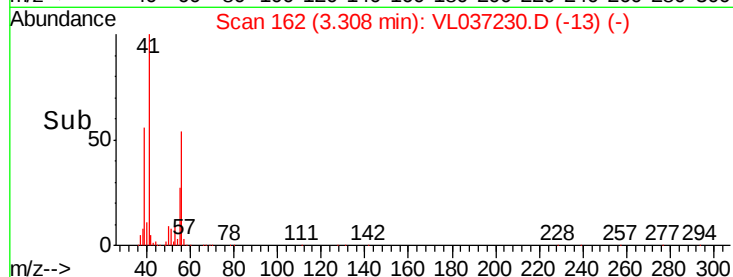
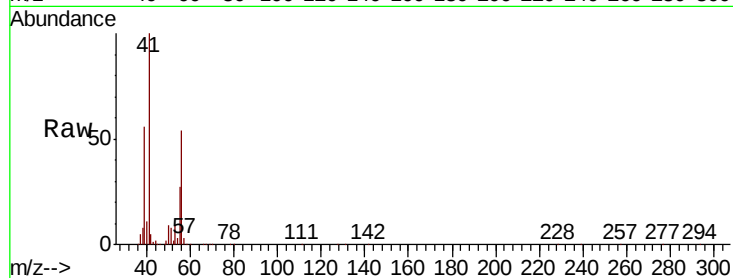




#16
 1,3-Butadiene
 Concen: 37.509 ppbv
 RT: 3.31 min Scan# 162
 Delta R.T. -0.02 min
 Lab File: VL037230.D
 Acq: 22 Jun 2021 23:53

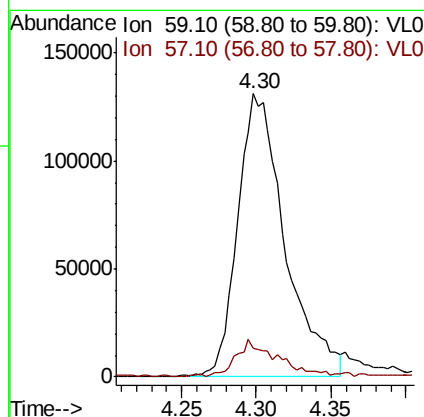
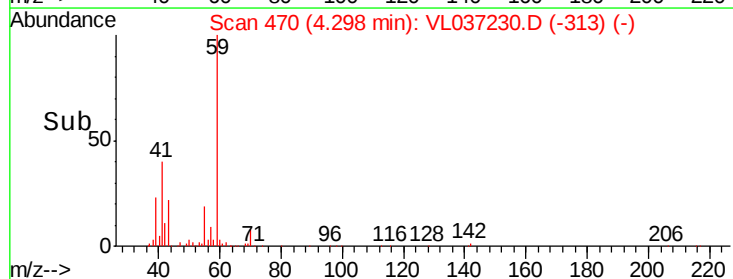
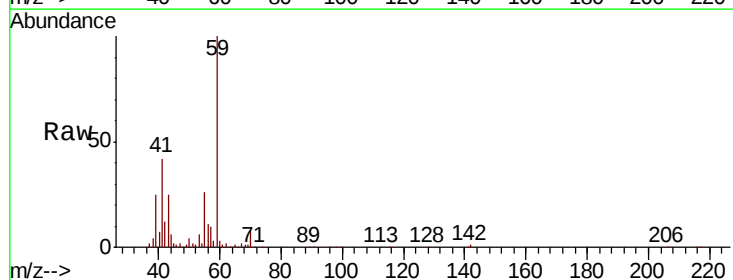
Instrument :
 MSVOA_L
 ClientSampleId :

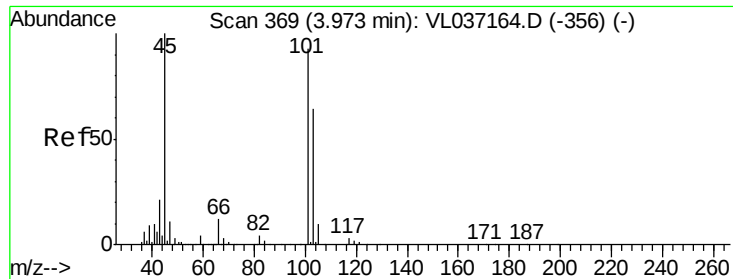
Tot Ion: 39 Resp: 4662045
 Ion Ratio Lower Upper
 39 100
 54 6.4 61.2 91.8#



#17
 tert-Butyl alcohol
 Concen: 1.470 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: VL037230.D
 Acq: 22 Jun 2021 23:53

Tgt Ion: 59 Resp: 285690
 Ion Ratio Lower Upper
 59 100
 57 11.9 8.8 13.2

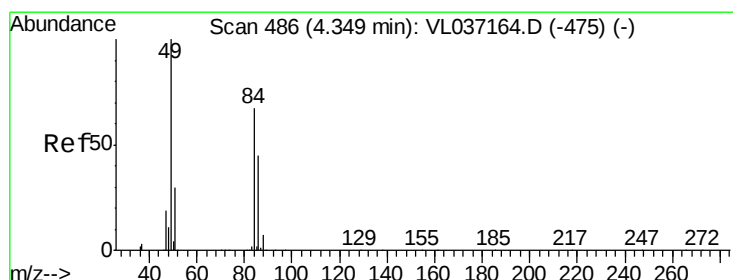
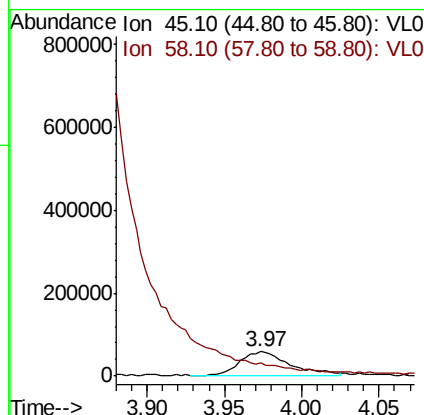
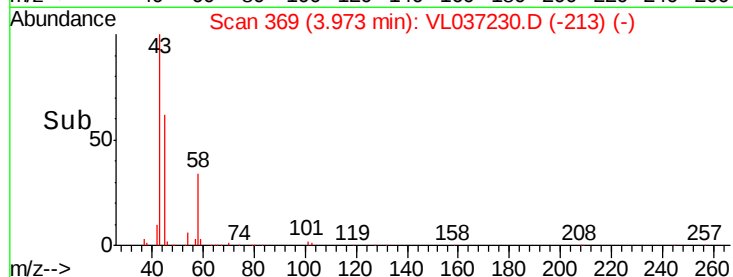
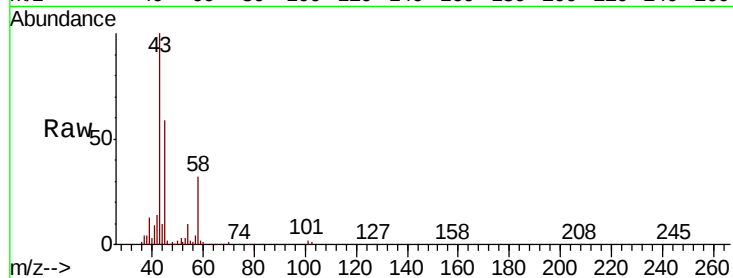




#19
Isopropyl Alcohol
Concen: 1.002 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.00 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

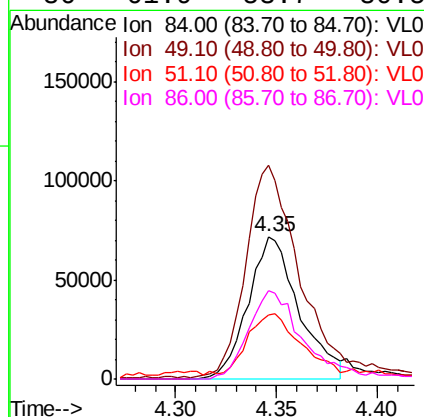
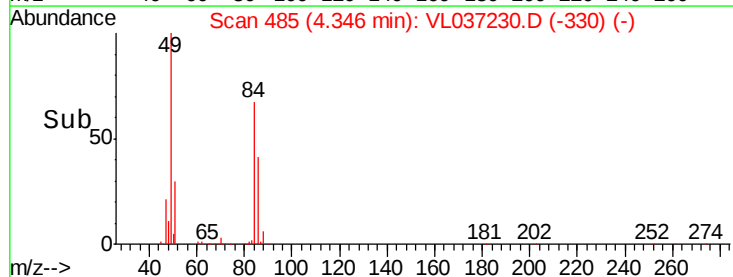
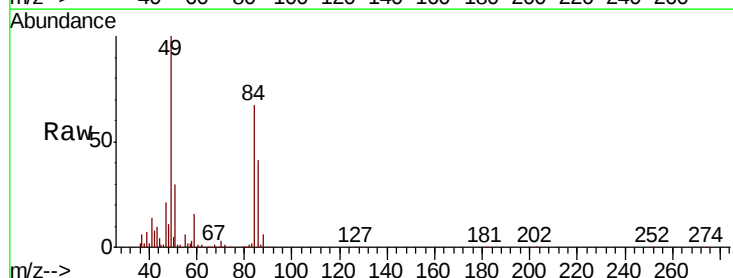
Instrument :
MSVOA_L
ClientSampleId :

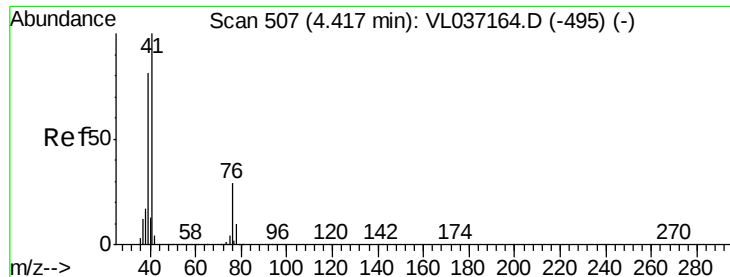
Tot Ion: 45 Resp: 127595
Ion Ratio Lower Upper
45 100
58 0.0 2.4 3.6#



#20
Methylene Chloride
Concen: 1.004 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

Tgt Ion: 84 Resp: 126318
Ion Ratio Lower Upper
84 100
49 149.1 119.7 179.5
51 40.4 36.1 54.1
86 61.9 53.7 80.5





#21

Allvl Chloride

Concen: 0.742 ppbv

RT: 4.30 min Scan# 472

Delta R.T. -0.11 min

Lab File: VL037230.D

Acq: 22 Jun 2021 23:53

Instrument :
MSVOA_L
ClientSampleId :

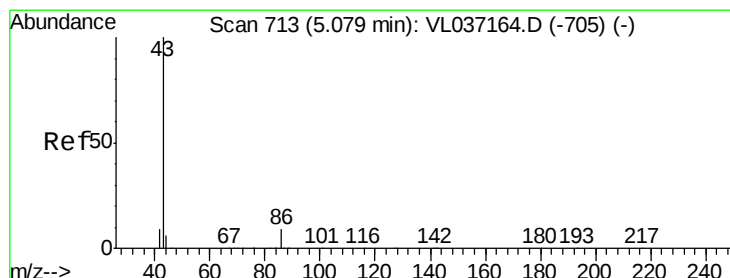
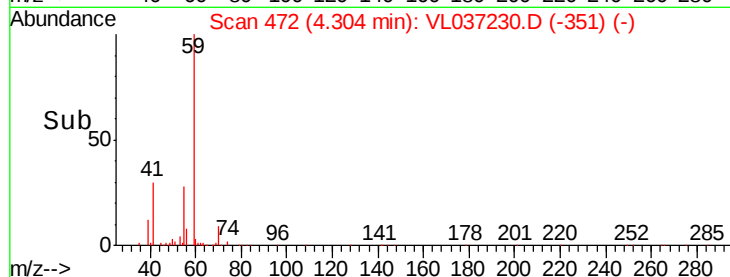
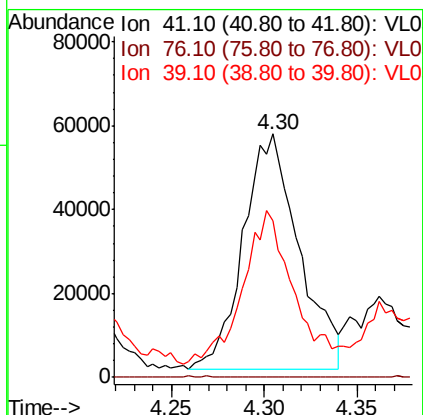
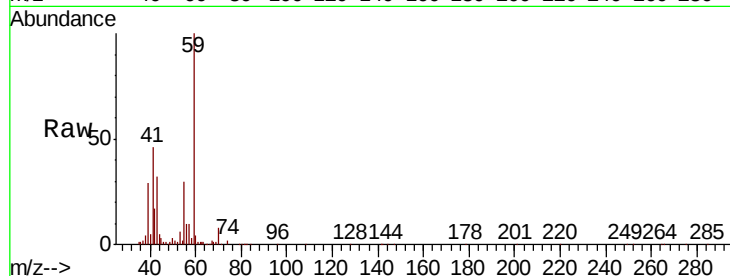
Tot Ion: 41 Resp: 117532

Ion Ratio Lower Upper

41 100

76 0.0 24.6 37.0#

39 56.4 65.4 98.0#



#23

Vinyl Acetate

Concen: 1.225 ppbv

RT: 5.18 min Scan# 743

Delta R.T. 0.10 min

Lab File: VL037230.D

Acq: 22 Jun 2021 23:53

Tgt Ion: 43 Resp: 369336

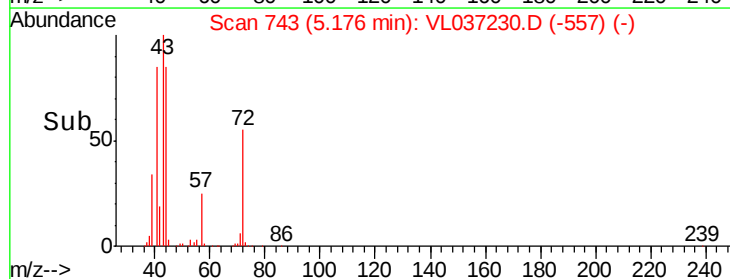
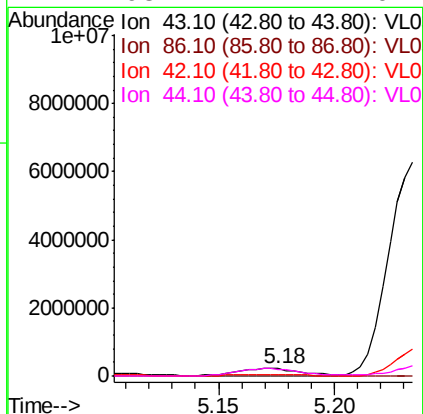
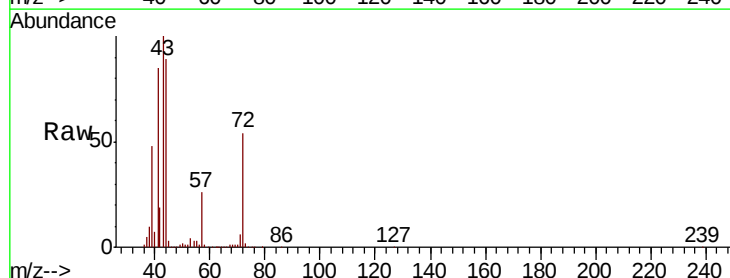
Ion Ratio Lower Upper

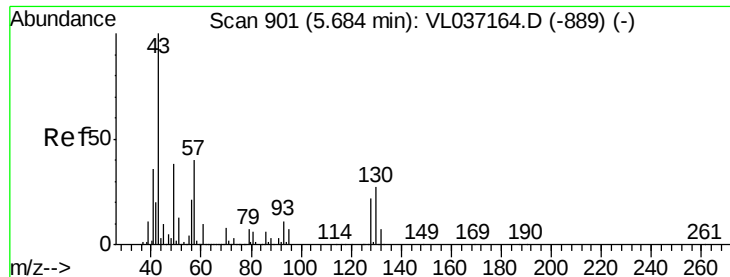
43 100

86 0.0 5.8 8.8#

42 16.8 8.2 12.2#

44 93.7 4.2 6.4#

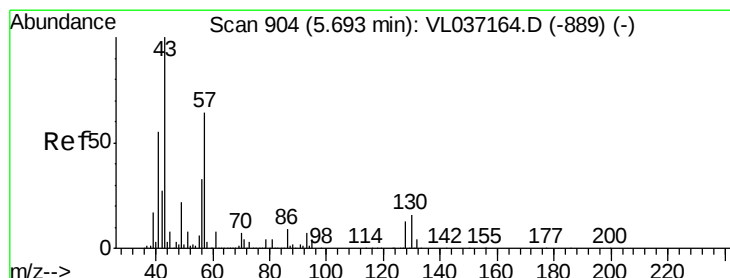
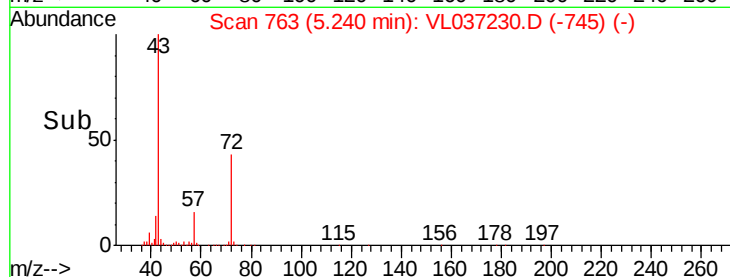
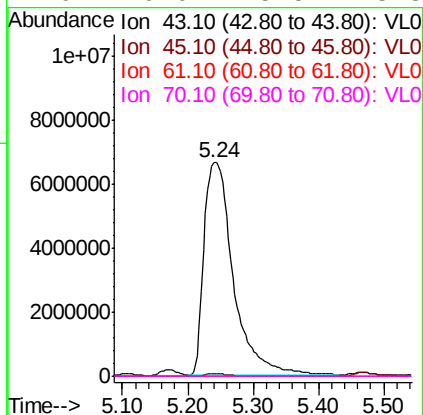
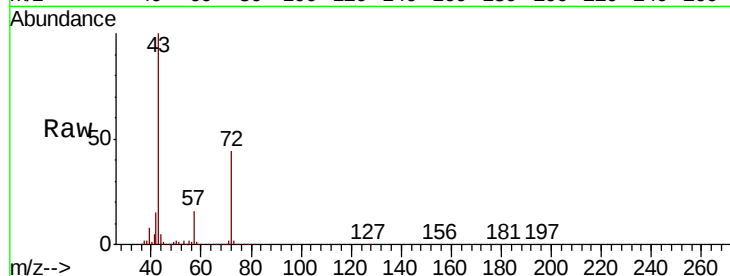




#25
Ethyl Acetate
Concen: 45.283 ppbv
RT: 5.24 min Scan# 763
Delta R.T. -0.44 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

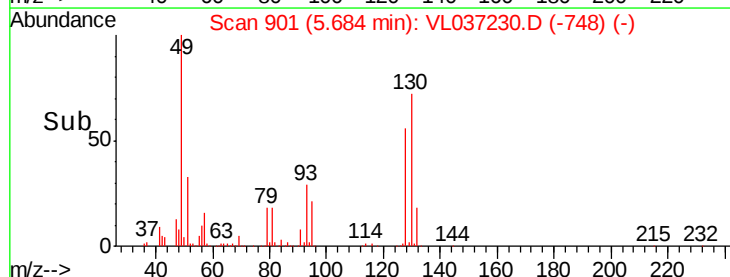
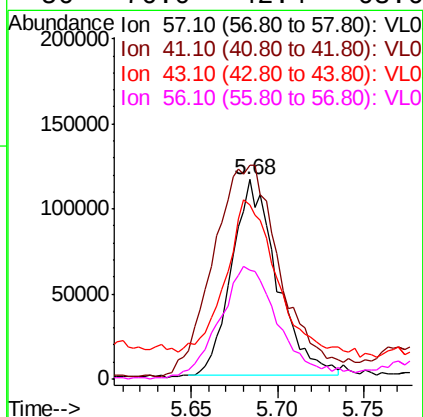
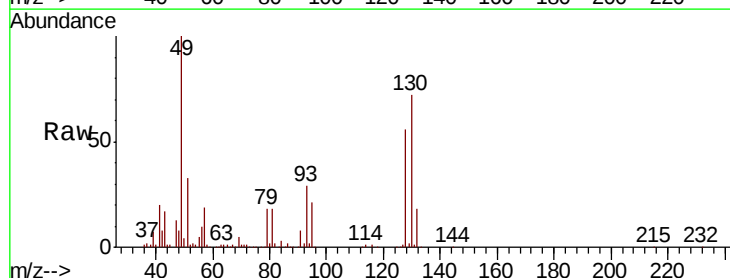
Instrument :
MSVOA_L
ClientSampled :

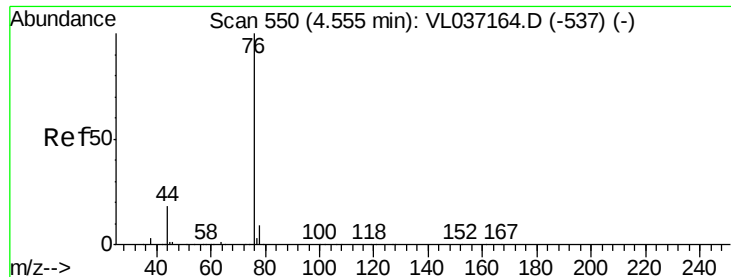
Tot Ion: 43 Resp: 20610710
Ion Ratio Lower Upper
43 100
45 1.1 8.0 12.0#
61 0.0 8.1 12.1#
70 0.0 5.5 8.3#



#26
Hexane
Concen: 0.925 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

Tgt Ion: 57 Resp: 212677
Ion Ratio Lower Upper
57 100
41 162.7 73.5 110.3#
43 0.0 170.7 256.1#
56 76.0 42.4 63.6#





#27

Carbon Disulfide

Concen: 2.820 ppbv

RT: 4.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: VL037230.D

Acq: 22 Jun 2021 23:53

Instrument :

MSVOA_L

ClientSampleId :

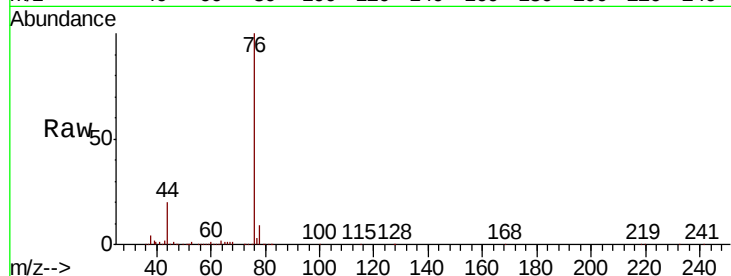
Tot Ion: 76 Resp: 635557

Ion Ratio Lower Upper

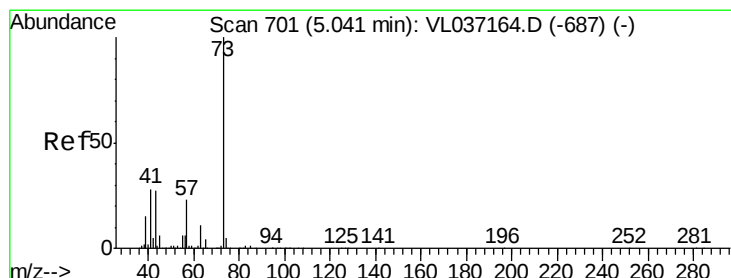
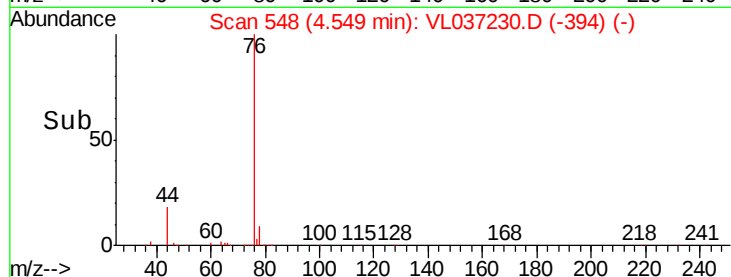
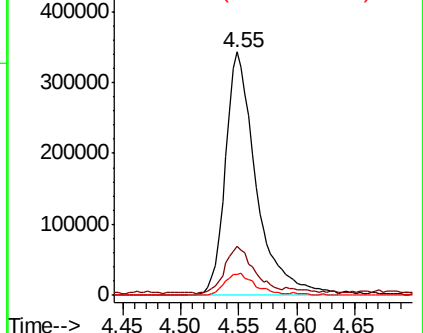
76 100

44 20.1 15.4 23.2

78 9.7 8.0 12.0



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 0.022 ppbv

RT: 5.17 min Scan# 740

Delta R.T. 0.13 min

Lab File: VL037230.D

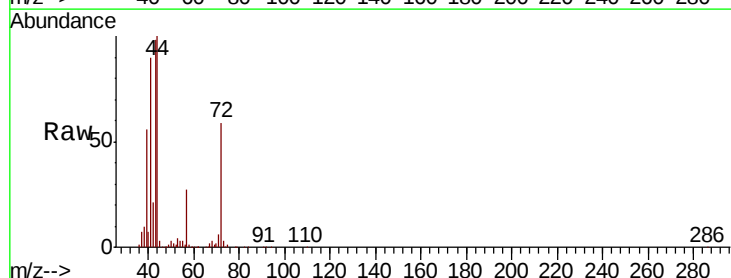
Acq: 22 Jun 2021 23:53

Tgt Ion: 73 Resp: 6005

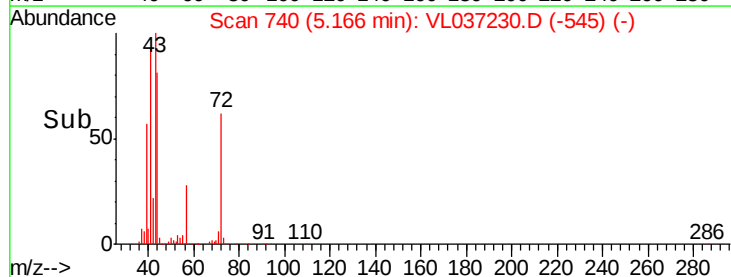
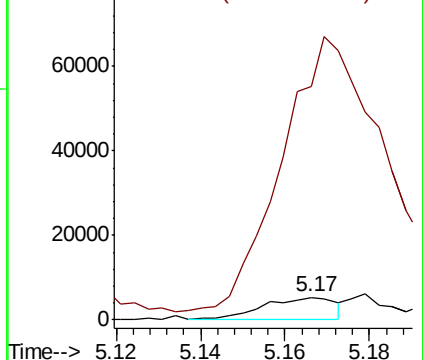
Ion Ratio Lower Upper

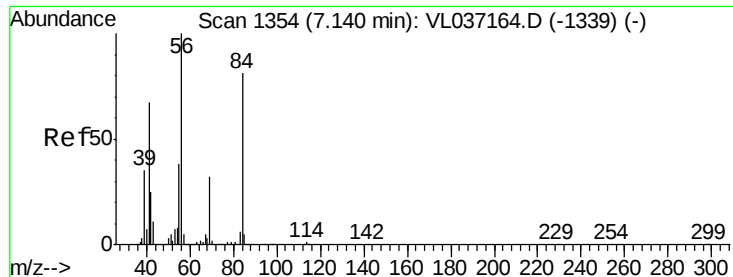
73 100

57 1915.8 18.0 27.0#



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0

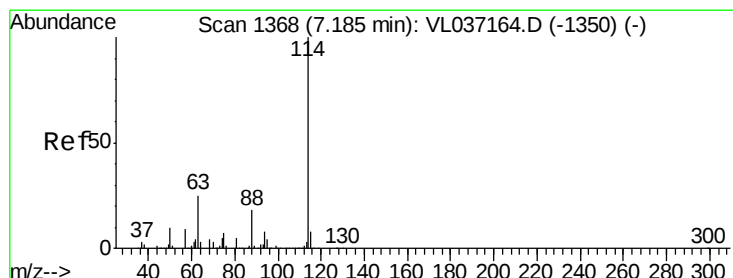
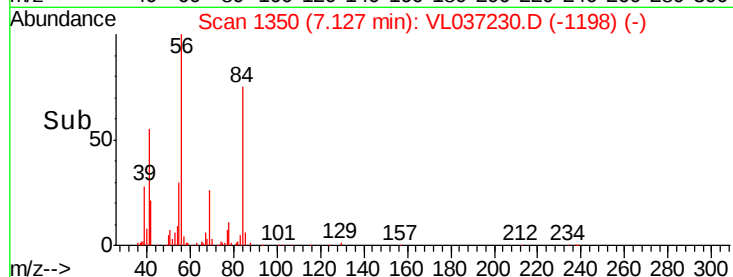
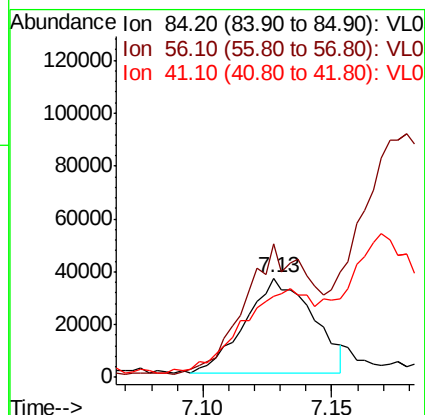
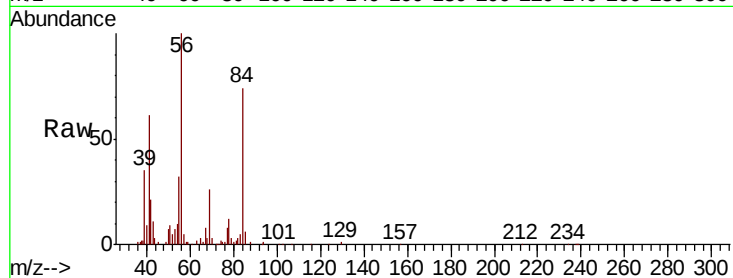




#30
Cvclohexane
Concen: 0.342 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

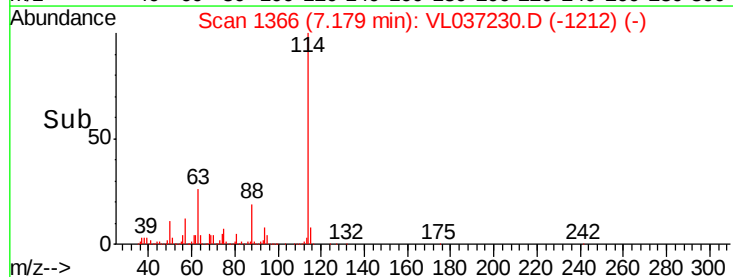
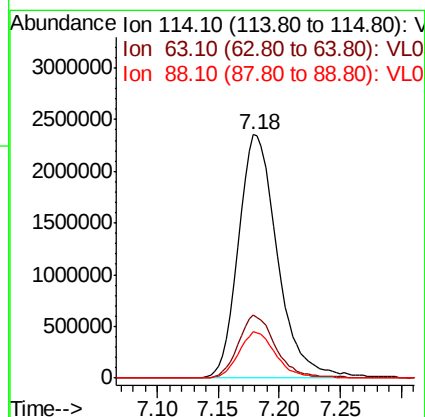
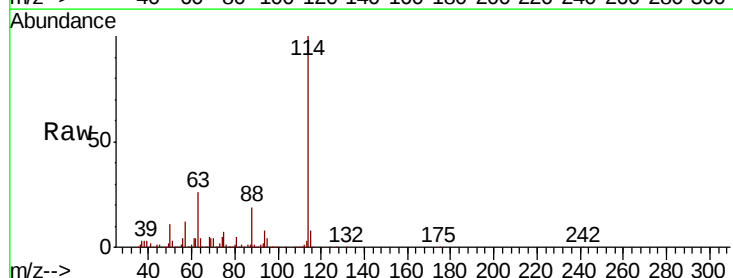
Instrument :
MSVOA_L
ClientSampleId :

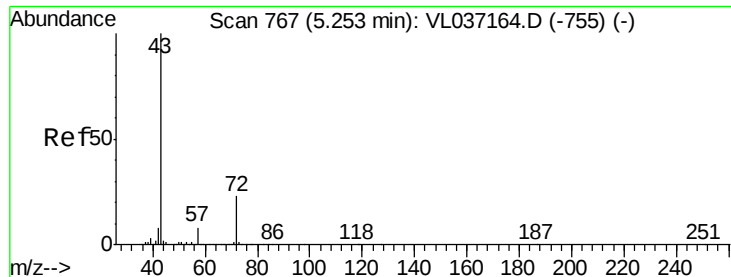
Tot Ion: 84 Resp: 65478
Ion Ratio Lower Upper
84 100
56 139.6 107.7 161.5
41 0.0 69.0 103.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

Tgt Ion:114 Resp: 5187537
Ion Ratio Lower Upper
114 100
63 25.1 19.6 29.4
88 18.5 14.2 21.2

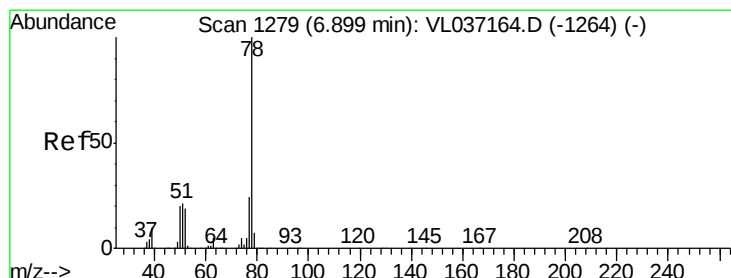
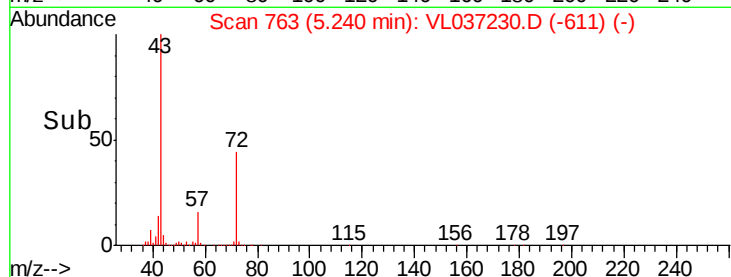
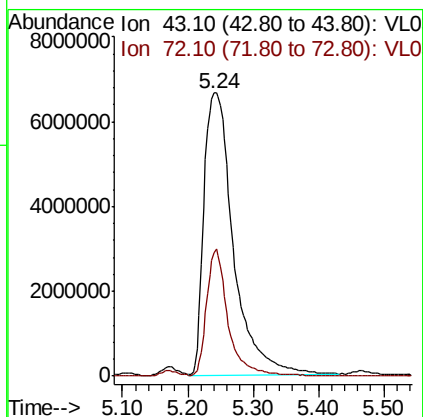
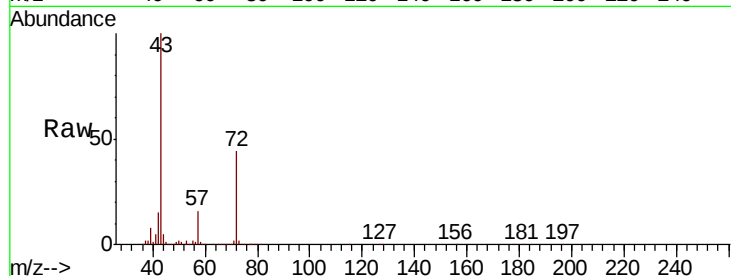




#34
2-Butanone
Concen: 103.267 ppbv
RT: 5.24 min Scan# 763
Delta R.T. -0.01 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

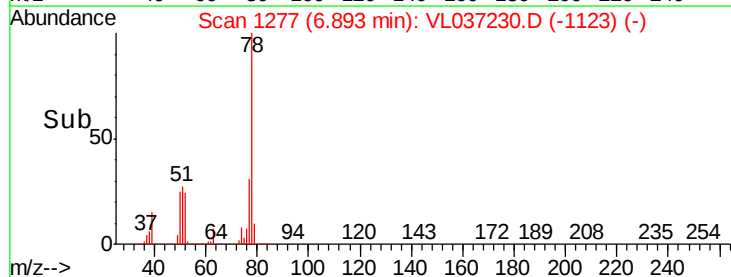
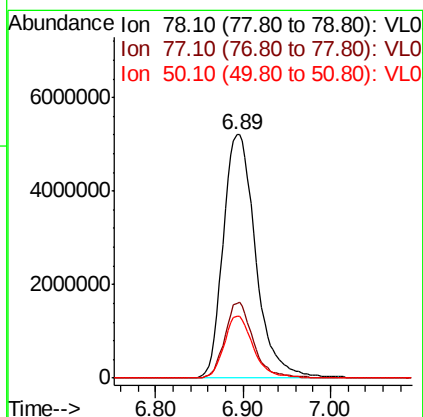
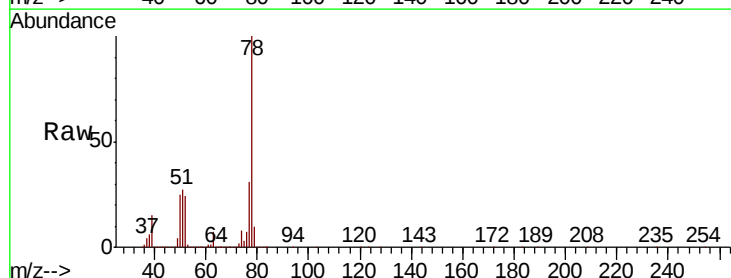
Instrument :
MSVOA_L
ClientSampleId :

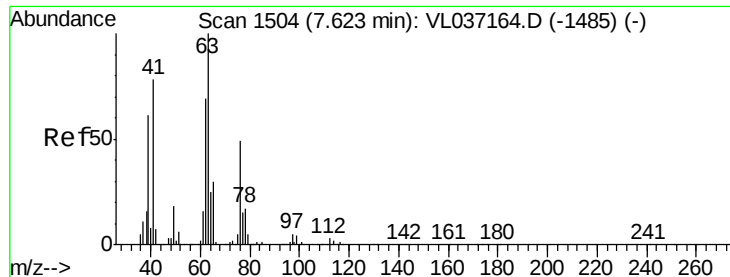
Tot Ion: 43 Resp:20834006
Ion Ratio Lower Upper
43 100
72 33.3 18.9 28.3#



#36
Benzene
Concen: 32.020 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

Tgt Ion: 78 Resp:13431605
Ion Ratio Lower Upper
78 100
77 30.8 19.0 28.6#
50 25.4 15.7 23.5#





#39

1,2-Dichloropropane

Concen: 0.102 ppbv

RT: 7.24 min Scan# 1385

Delta R.T. -0.38 min

Lab File: VL037230.D

Acq: 22 Jun 2021 23:53

Instrument :

MSVOA_L

ClientSampleId :

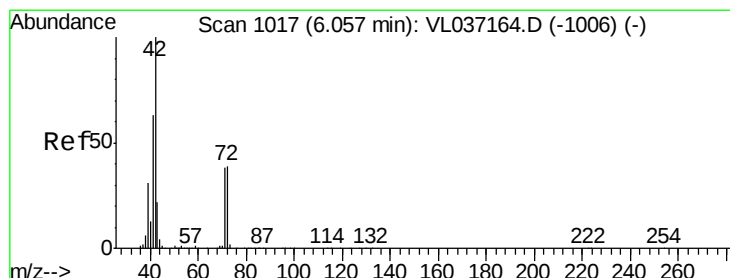
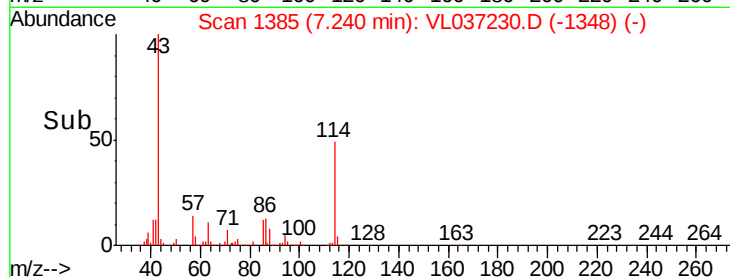
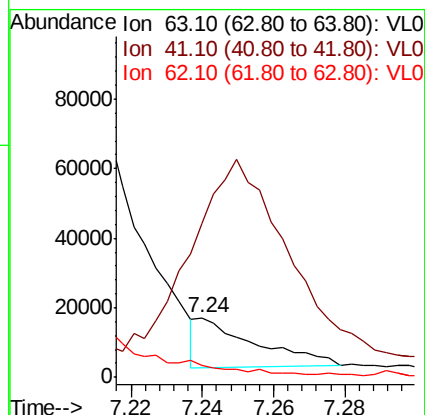
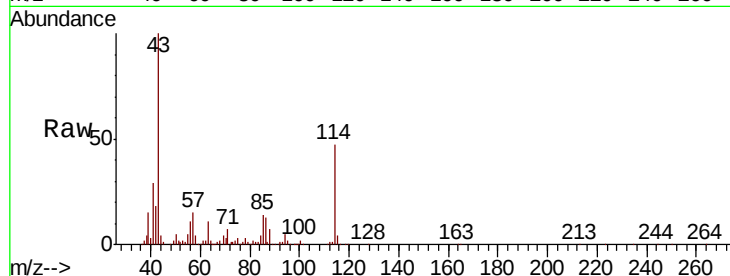
Tot Ion: 63 Resp: 15977

Ion Ratio Lower Upper

63 100

41 227.7 62.0 93.0#

62 18.5 54.9 82.3#



#41

Tetrahydrofuran

Concen: 0.401 ppbv

RT: 6.05 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VL037230.D

Acq: 22 Jun 2021 23:53

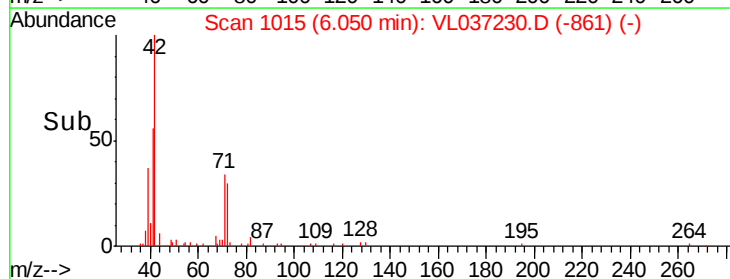
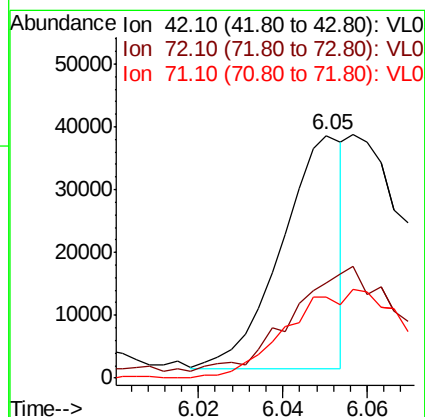
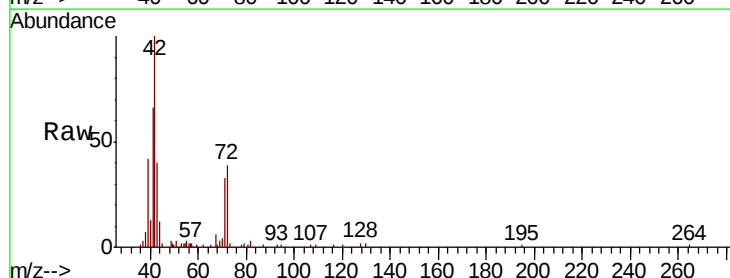
Tgt Ion: 42 Resp: 37612

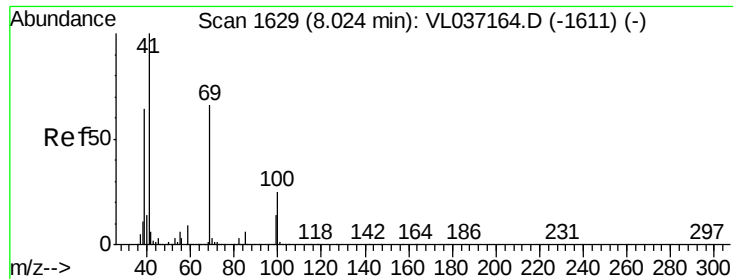
Ion Ratio Lower Upper

42 100

72 0.0 33.0 49.4#

71 0.0 31.0 46.6#

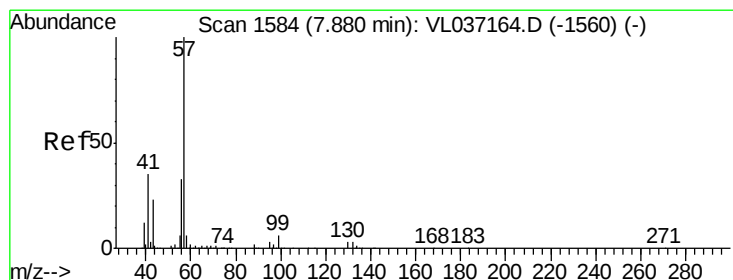
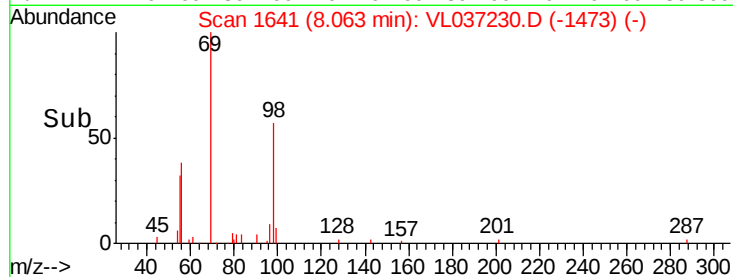
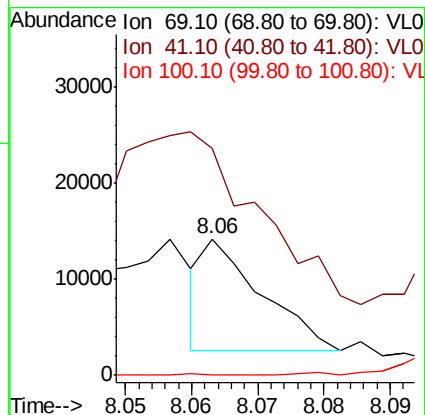
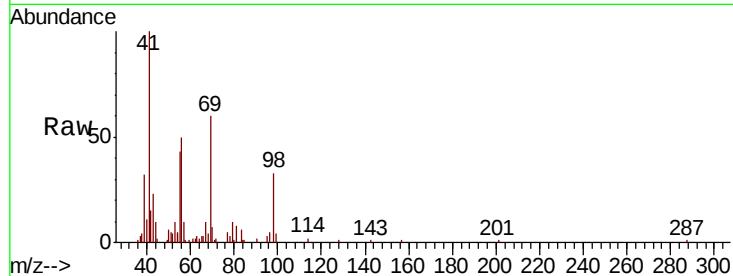




#43
Methyl Methacrylate
Concen: 0.048 ppbv
RT: 8.06 min Scan# 1641
Delta R.T. 0.04 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

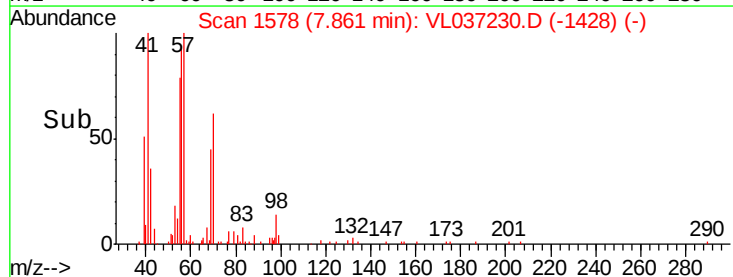
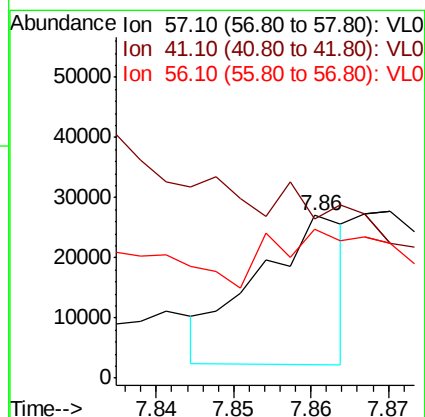
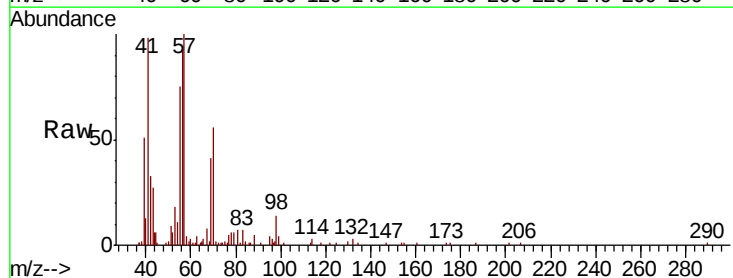
Instrument :
MSVOA_L
ClientSampleId :

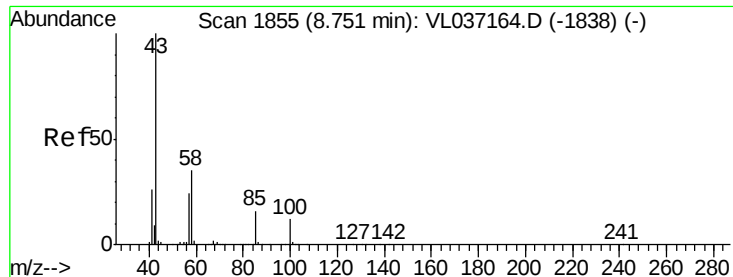
Tot Ion: 69 Resp: 7009
Ion Ratio Lower Upper
69 100
41 706.6 119.4 179.0#
100 18.1 28.6 43.0#



#44
2,2,4-Trimethylpentane
Concen: 0.028 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.02 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

Tgt Ion: 57 Resp: 19795
Ion Ratio Lower Upper
57 100
41 0.0 27.6 41.4#
56 325.9 25.3 37.9#

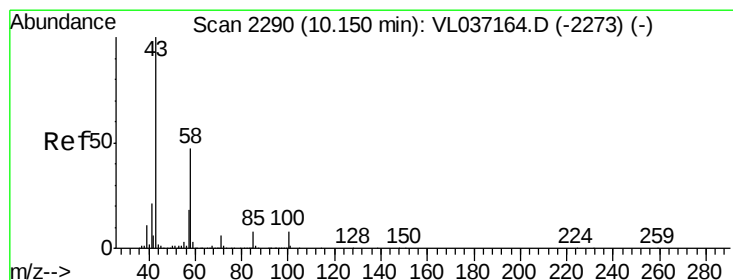
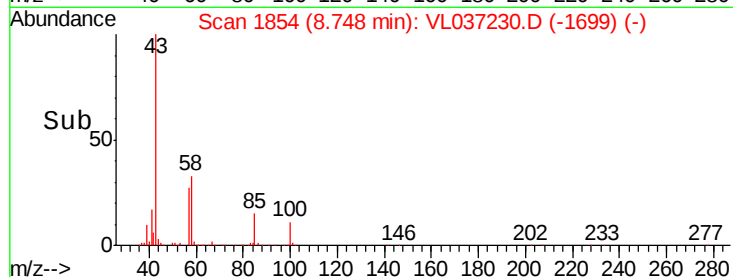
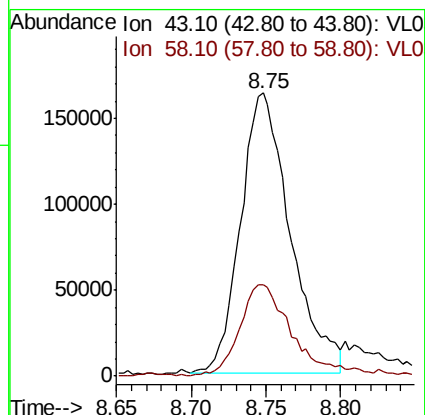
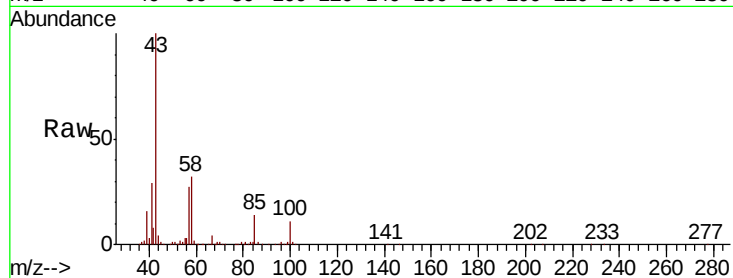




#50
4-Methyl-2-Pentanone
Concen: 1.355 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

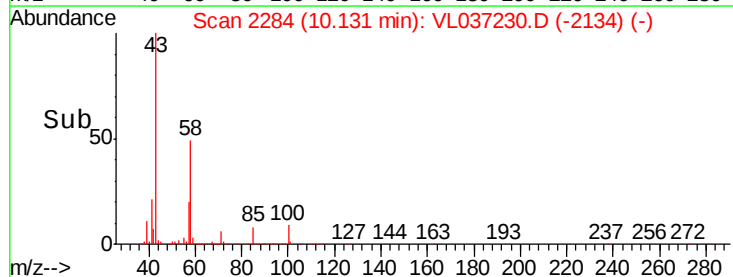
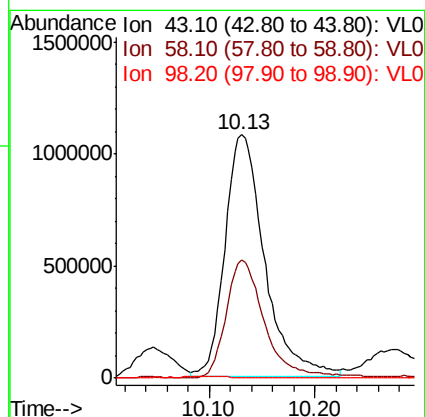
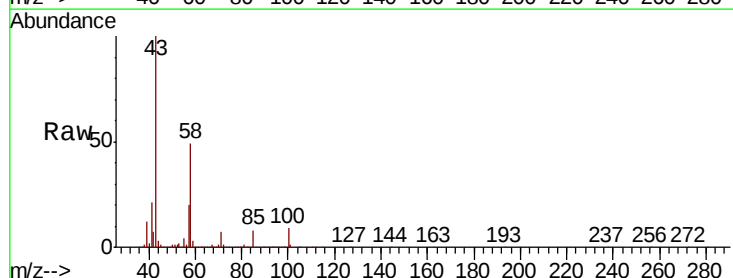
Instrument :
MSVOA_L
ClientSampleId :

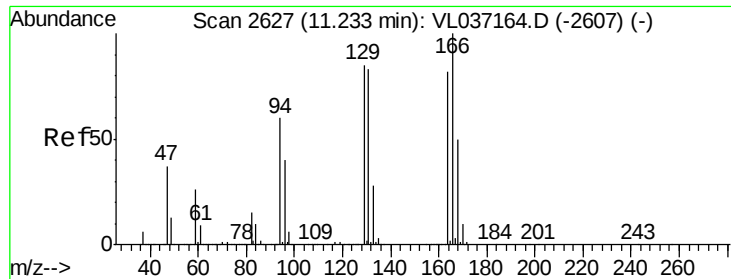
Tot Ion: 43 Resp: 375602
Ion Ratio Lower Upper
43 100
58 35.6 28.4 42.6



#51
2-Hexanone
Concen: 20.855 ppbv
RT: 10.13 min Scan# 2284
Delta R.T. -0.02 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

Tgt Ion: 43 Resp: 2811888
Ion Ratio Lower Upper
43 100
58 47.7 38.4 57.6
98 1.3 0.3 0.5#

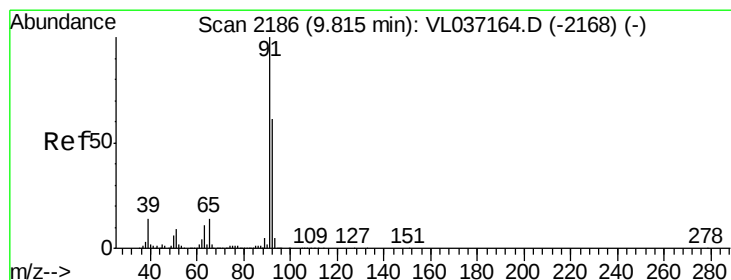
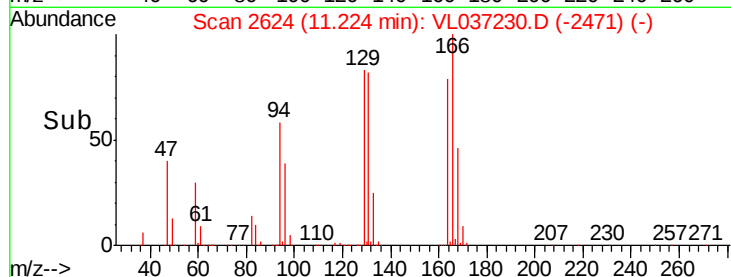
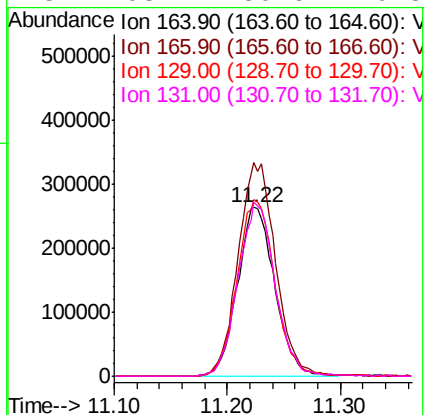
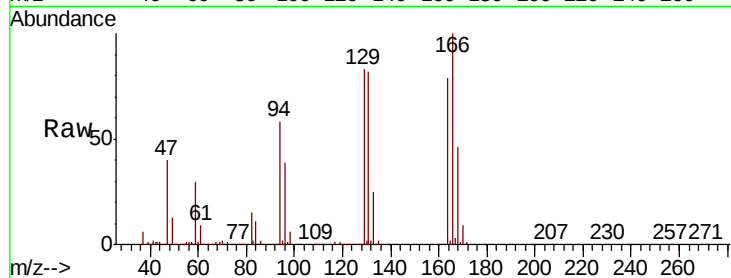




#52
Tetrachloroethene
Concen: 3.105 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

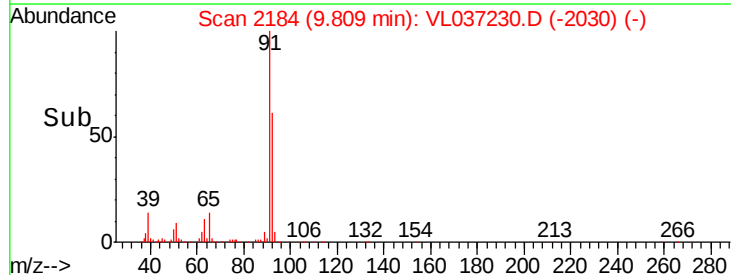
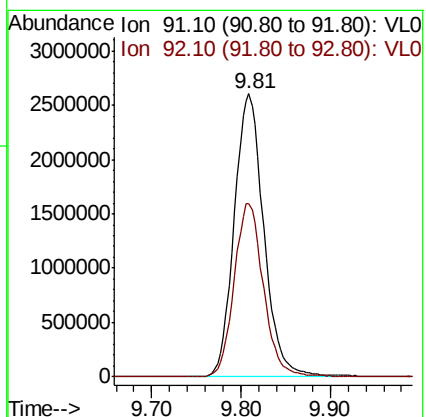
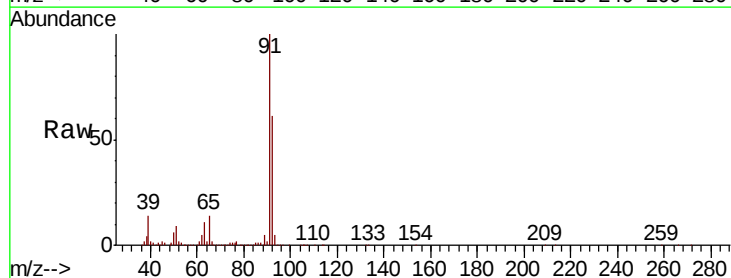
Instrument :
MSVOA_L
ClientSampleId :

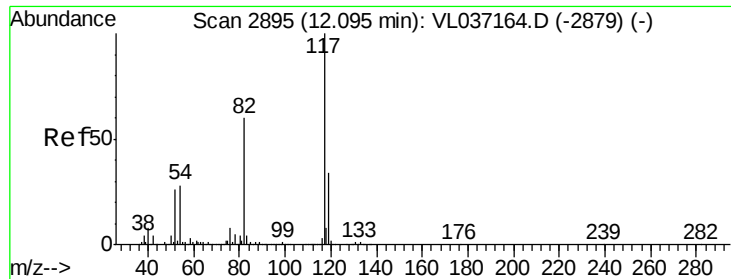
Tot Ion:164 Resp: 605125
Ion Ratio Lower Upper
164 100
166 126.8 97.6 146.4
129 105.1 82.9 124.3
131 103.7 80.6 120.8



#53
Toluene
Concen: 11.936 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. -0.01 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

Tgt Ion: 91 Resp: 5980761
Ion Ratio Lower Upper
91 100
92 61.2 48.3 72.5

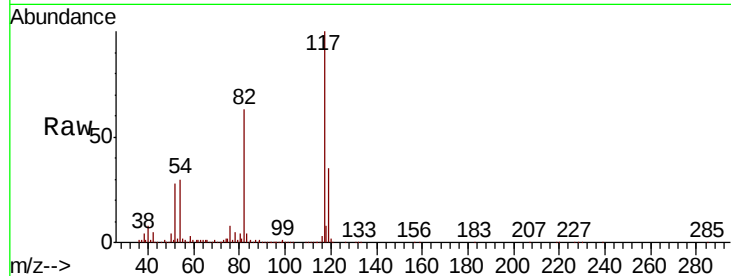




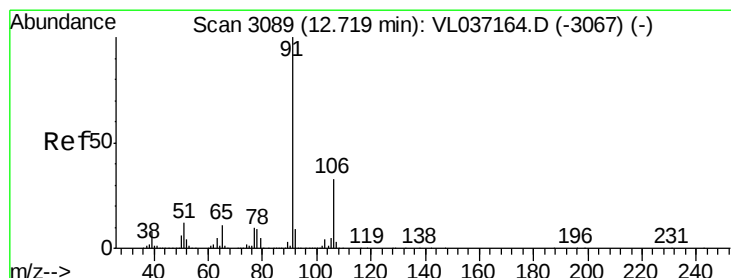
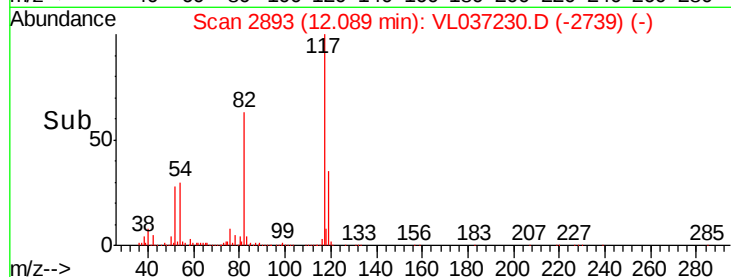
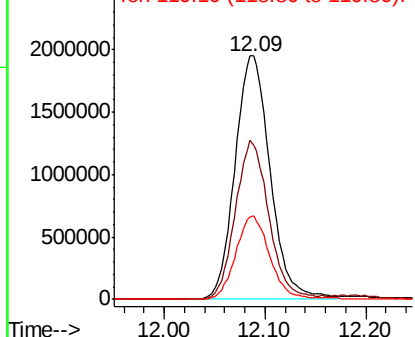
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:117 Resp: 4738632
Ion Ratio Lower Upper
117 100
82 62.4 51.7 77.5
119 33.7 47.6 71.4#

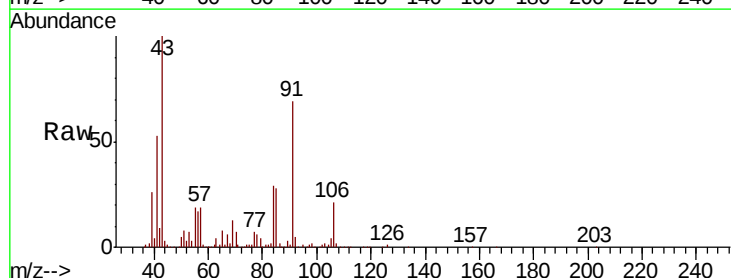


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

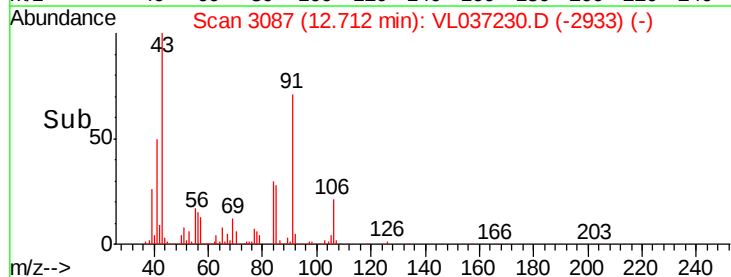
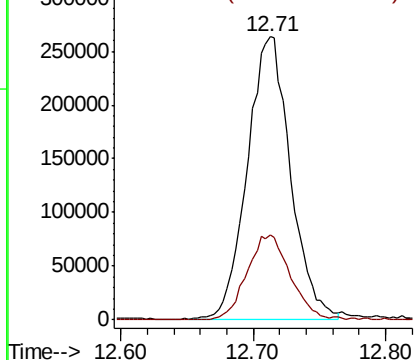


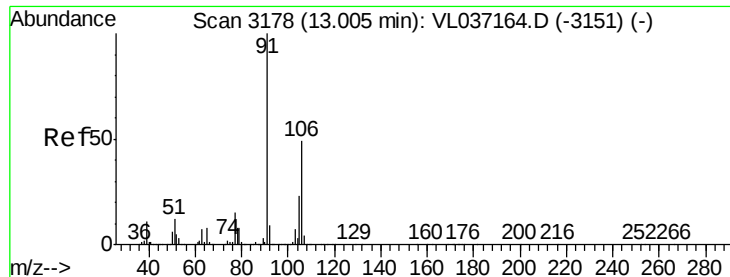
#58
Ethyl Benzene
Concen: 0.910 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

Tgt Ion: 91 Resp: 593693
Ion Ratio Lower Upper
91 100
106 30.0 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: 1.935 ppbv

RT: 12.97 min Scan# 3167

Delta R.T. -0.04 min

Lab File: VL037230.D

Acq: 22 Jun 2021 23:53

Instrument :

MSVOA_L

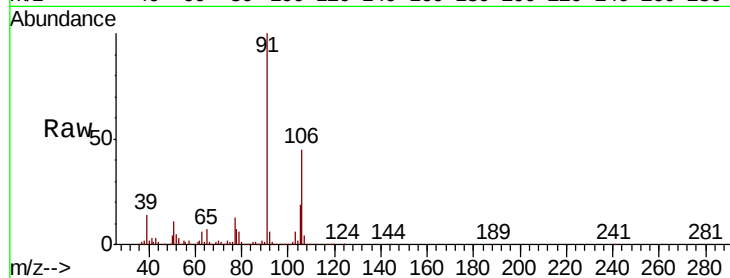
ClientSampleId :

Tot Ion: 91 Resp: 1069729

Ion Ratio Lower Upper

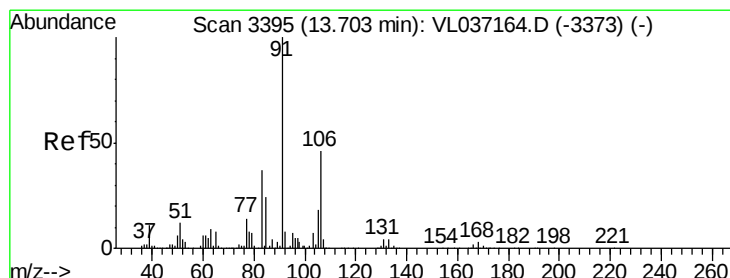
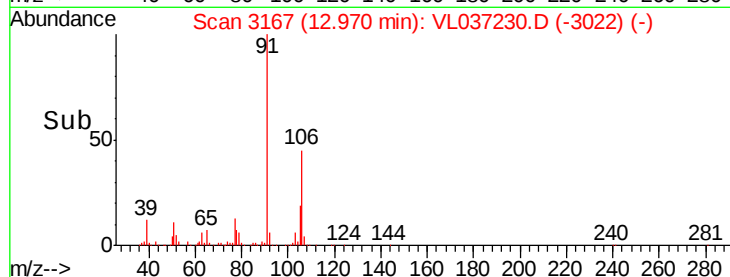
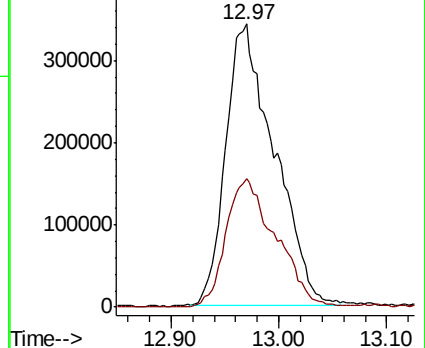
91 100

106 48.0 37.0 55.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.596 ppbv

RT: 13.69 min Scan# 3391

Delta R.T. -0.01 min

Lab File: VL037230.D

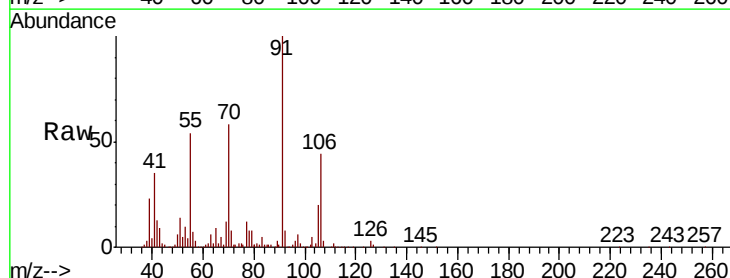
Acq: 22 Jun 2021 23:53

Tgt Ion: 91 Resp: 313953

Ion Ratio Lower Upper

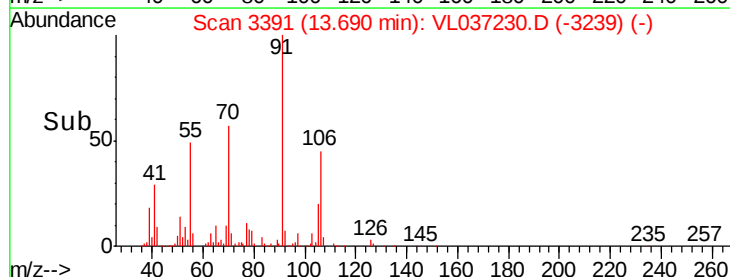
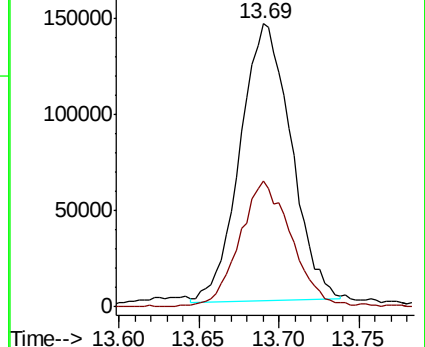
91 100

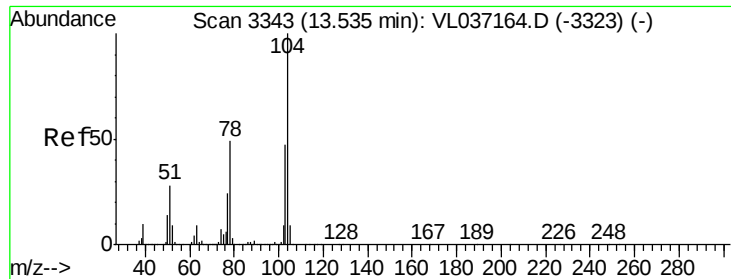
106 47.1 23.0 69.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Stvrene

Concen: 0.030 ppbv

RT: 13.53 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VL037230.D

Acq: 22 Jun 2021 23:53

Instrument :

MSVOA_L

ClientSampleId :

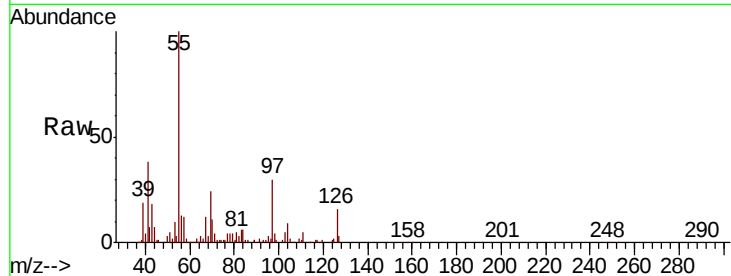
Tot Ion:104 Resp: 8230

Ion Ratio Lower Upper

104 100

78 157.0 39.7 59.5#

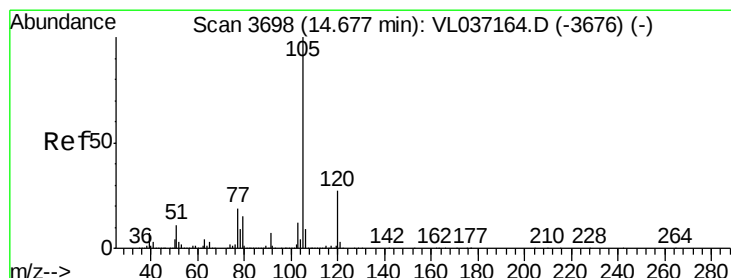
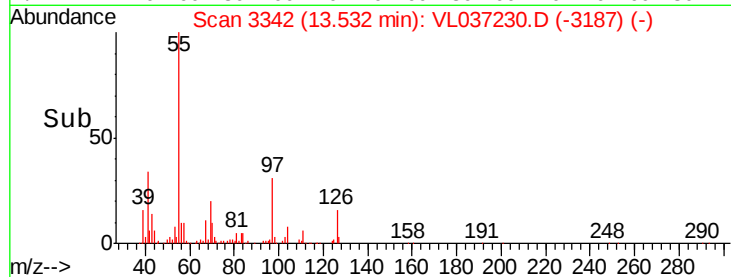
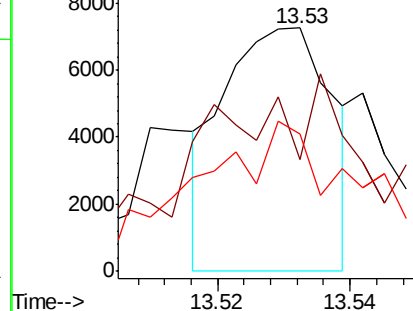
103 112.0 37.6 56.4#



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: 0.048 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. -0.01 min

Lab File: VL037230.D

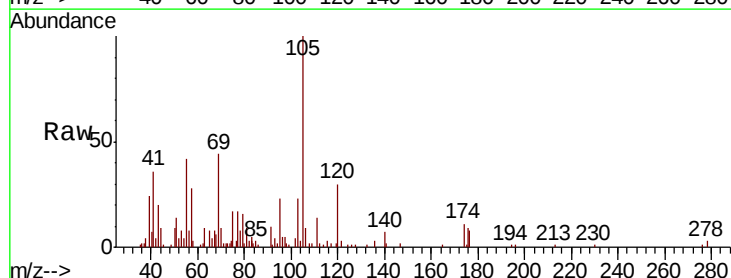
Acq: 22 Jun 2021 23:53

Tgt Ion:105 Resp: 35952

Ion Ratio Lower Upper

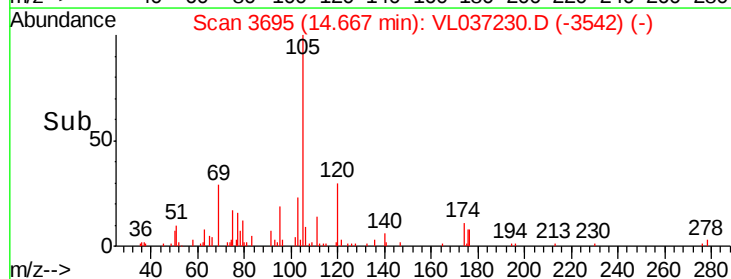
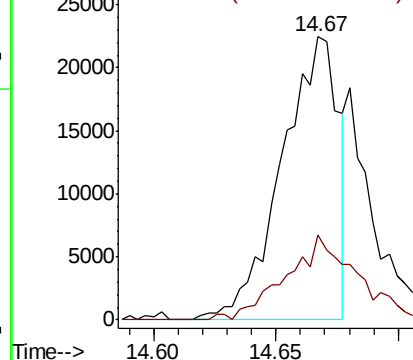
105 100

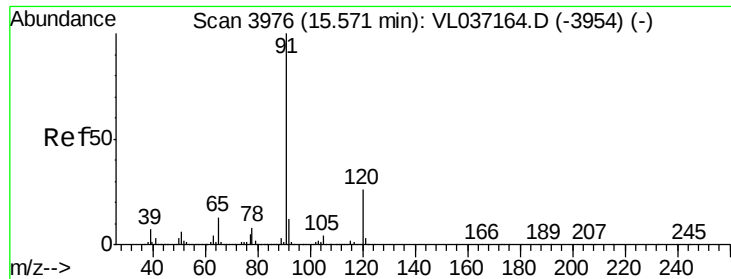
120 37.6 21.6 32.4#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

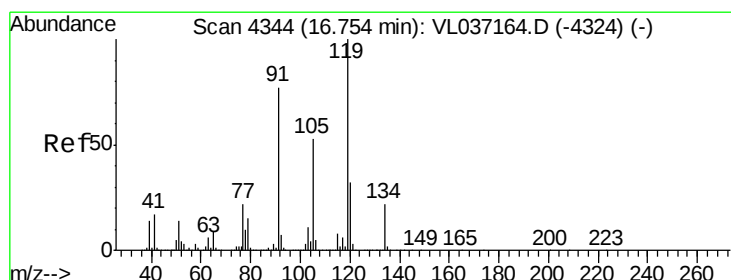
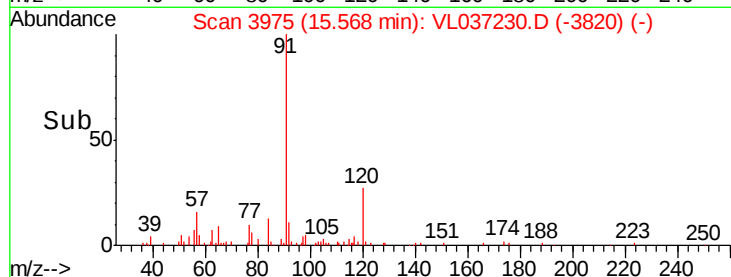
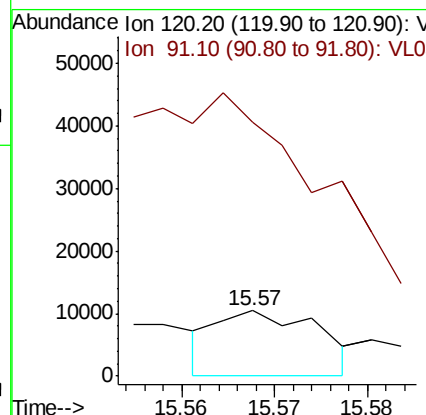
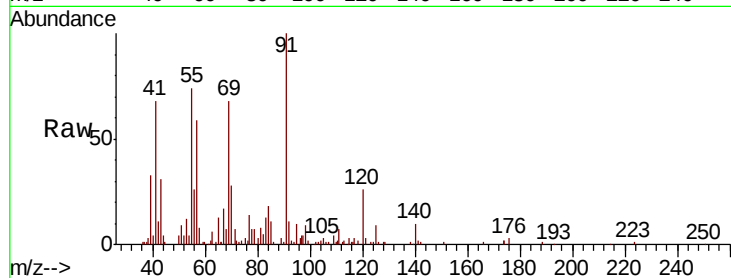




#64
n-propylbenzene
Concen: 0.043 ppbv
RT: 15.57 min Scan# 3975
Delta R.T. -0.00 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

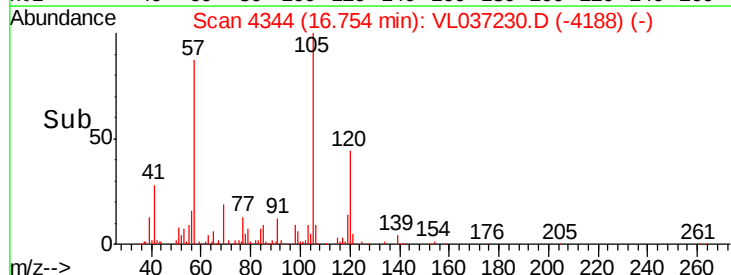
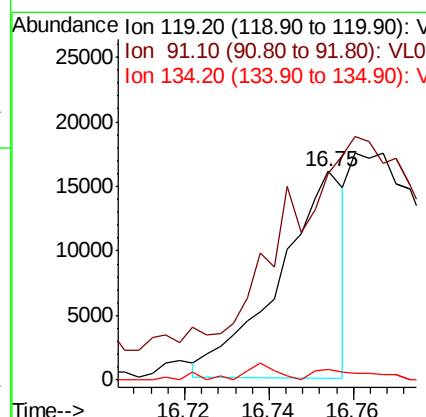
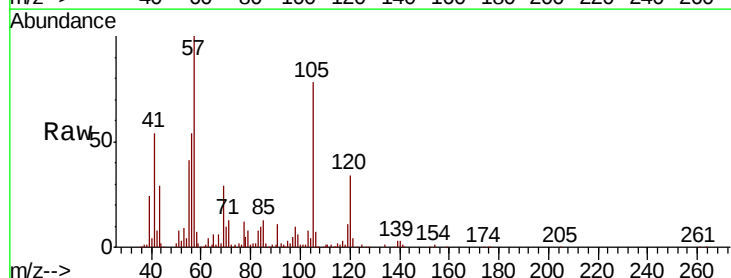
Instrument :
MSVOA_L
ClientSampleId :

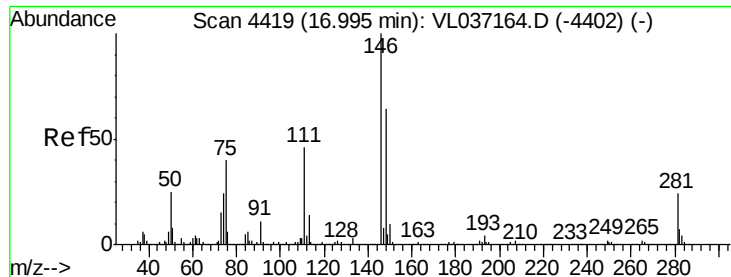
Tot Ion:120 Resp: 8019
Ion Ratio Lower Upper
120 100
91 1311.2 343.3 514.9#



#65
tert-Butylbenzene
Concen: 0.026 ppbv
RT: 16.75 min Scan# 4344
Delta R.T. 0.00 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

Tgt Ion:119 Resp: 17175
Ion Ratio Lower Upper
119 100
91 0.0 62.6 93.8#
134 9.3 16.2 24.4#

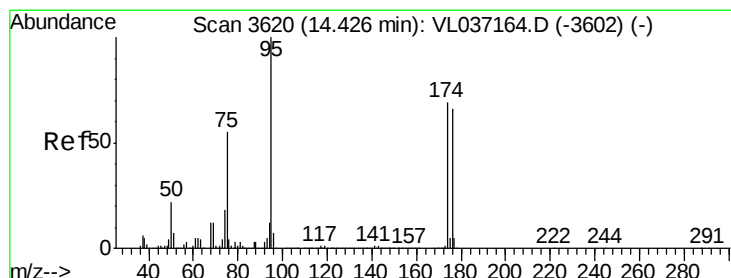
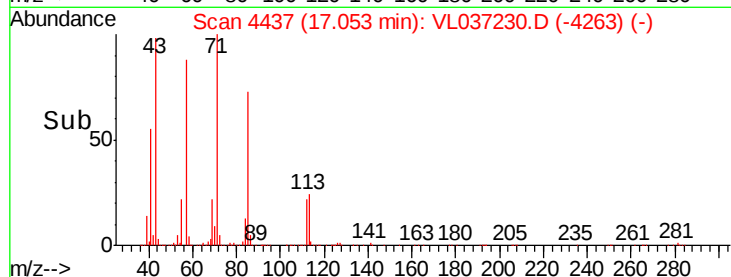
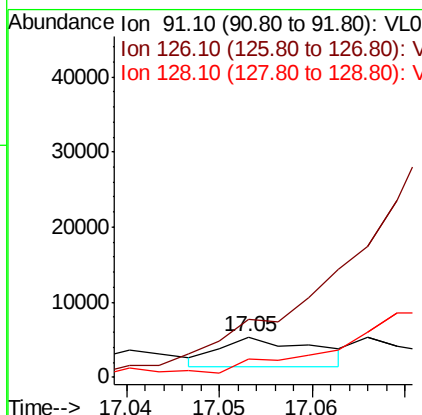
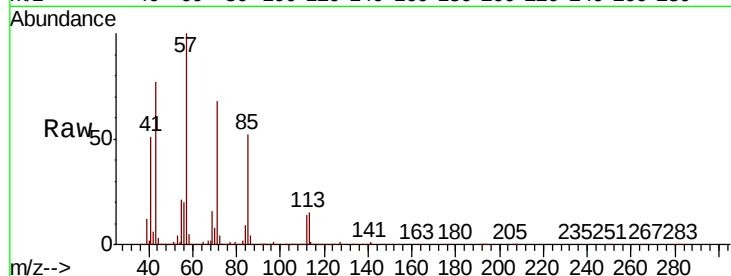




#66
Benzvl Chloride
Concen: 0.098 ppbv
RT: 17.05 min Scan# 4437
Delta R.T. 0.06 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

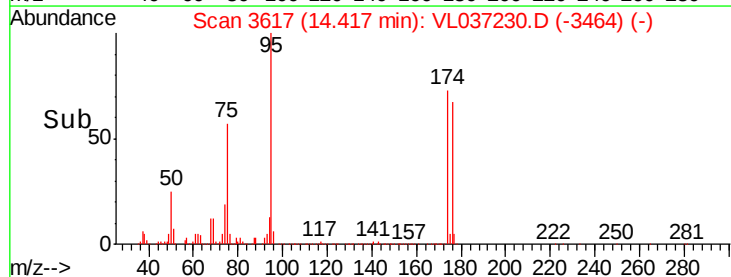
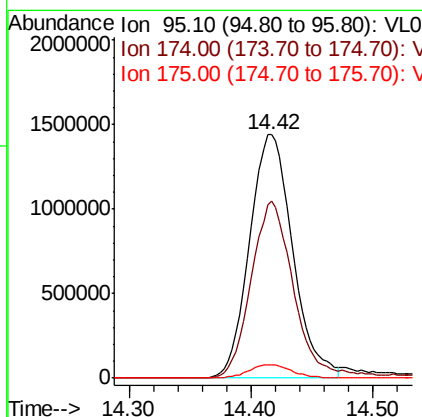
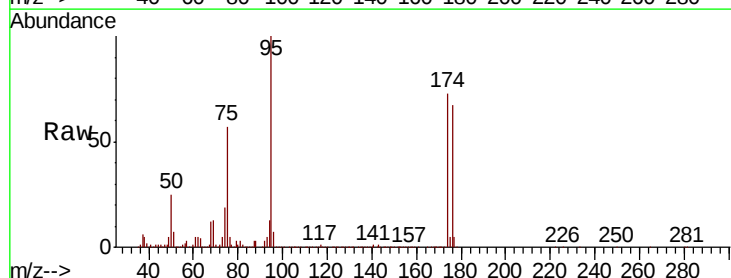
Instrument :
MSVOA_L
ClientSampleId :

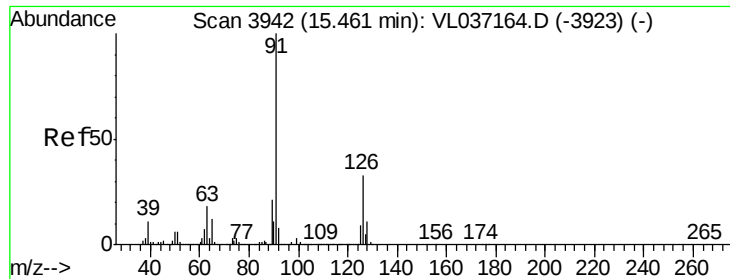
Tot Ion: 91 Resp: 2757
Ion Ratio Lower Upper
91 100
126 3398.3 15.5 23.3#
128 1000.3 5.7 8.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.828 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL037230.D
Acq: 22 Jun 2021 23:53

Tgt Ion: 95 Resp: 3528865
Ion Ratio Lower Upper
95 100
174 74.4 57.0 85.4
175 5.7 4.4 6.6

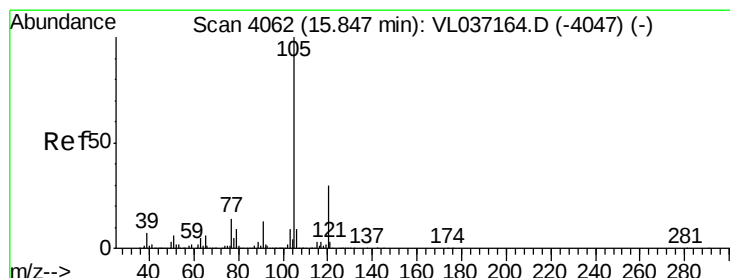
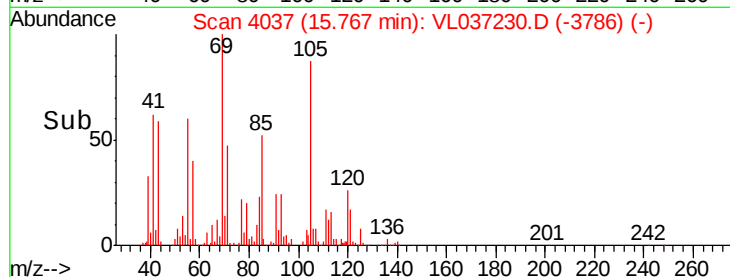
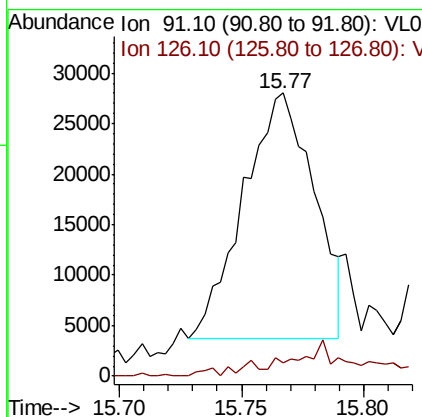
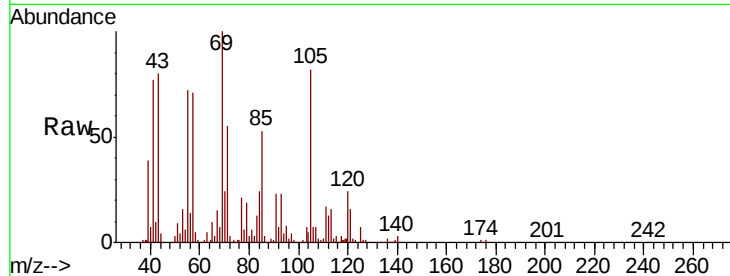




#71
 2-Chlorotoluene
 Concen: 0.094 ppbv
 RT: 15.77 min Scan# 4037
 Delta R.T. 0.31 min
 Lab File: VL037230.D
 Acq: 22 Jun 2021 23:53

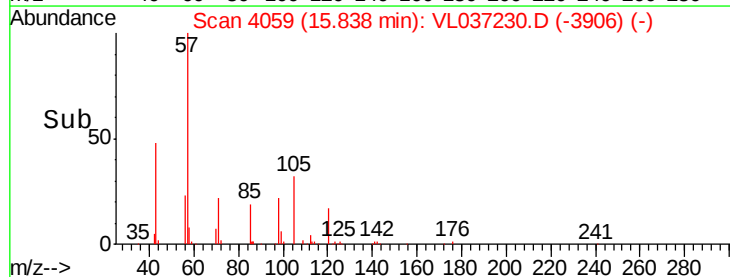
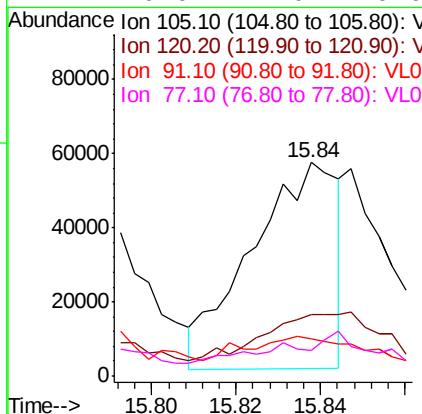
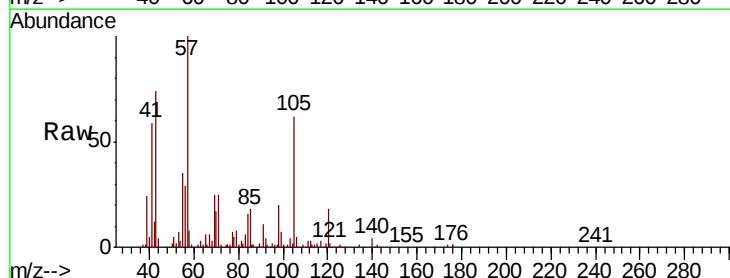
Instrument :
 MSVOA_L
 ClientSampleId :

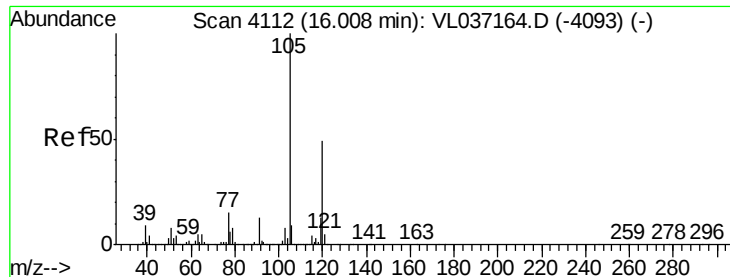
Tot Ion: 91 Resp: 49021
 Ion Ratio Lower Upper
 91 100
 126 13.9 13.5 54.1



#72
 4-Ethyltoluene
 Concen: 0.133 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. -0.01 min
 Lab File: VL037230.D
 Acq: 22 Jun 2021 23:53

Tgt Ion:105 Resp: 79338
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.7 37.1#
 91 31.3 10.2 15.4#
 77 0.0 11.0 16.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.142 ppbv

RT: 16.00 min Scan# 4109

Delta R.T. -0.01 min

Lab File: VL037230.D

Acq: 22 Jun 2021 23:53

Instrument :

MSVOA_L

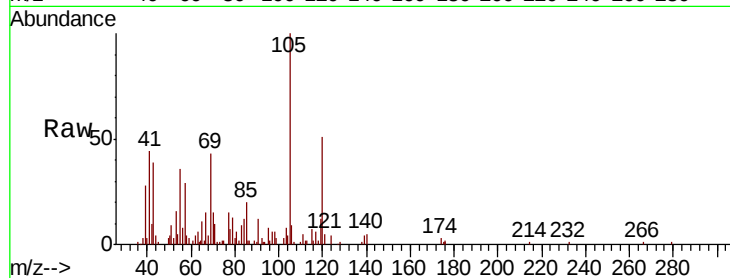
ClientSampleId :

Tot Ion:105 Resp: 81978

Ion Ratio Lower Upper

105 100

120 51.9 39.4 59.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.00

40000

30000

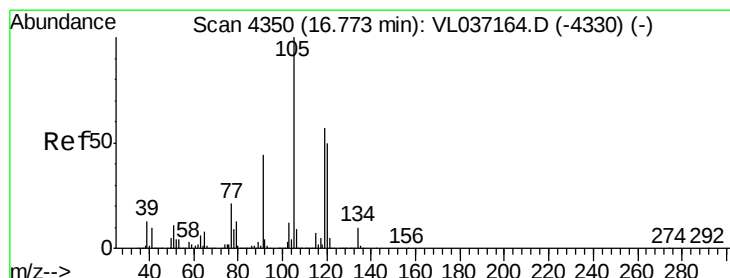
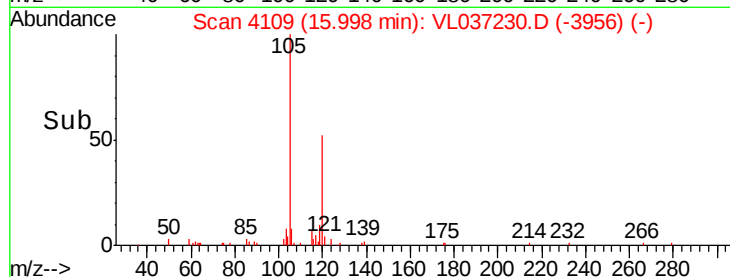
20000

10000

0

15.95 16.00 16.05

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 0.313 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. -0.01 min

Lab File: VL037230.D

Acq: 22 Jun 2021 23:53

Tgt Ion:105 Resp: 186715

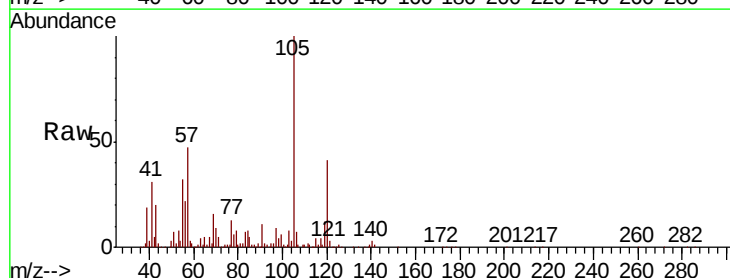
Ion Ratio Lower Upper

105 100

120 40.7 39.8 59.8

91 10.7 37.0 55.4#

77 10.2 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

200000

150000

100000

50000

0

16.75 16.80

Time-->

