

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037262.D
 Acq On : 29 Jun 2021 23:29
 Operator : SY/AP
 Sample : M2887-05 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 30 05:23:39 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	5.66	49	1685874	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	4855425	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	4354233	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	3267806	9.90	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

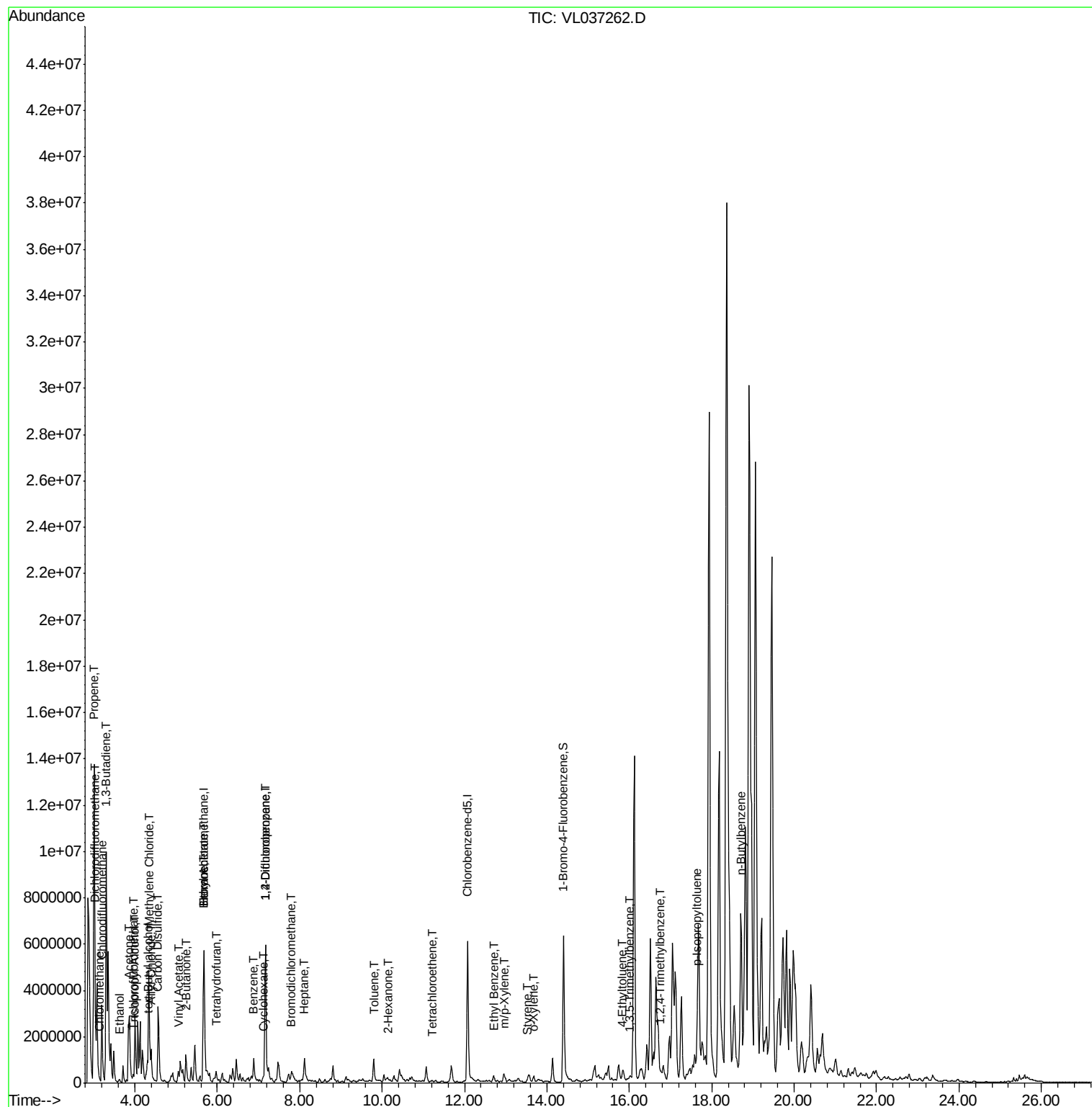
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	24247	0.083	ppbv	98
3) Chlorodifluoromethane	3.20	51	19462	0.059	ppbv #	61
4) Chloromethane	3.14	50	8588	0.079	ppbv #	84
9) Propene	3.01	41	8119284	77.463	ppbv	96
10) Heptane	8.11	43	488506	1.924	ppbv	99
11) Trichlorofluoromethane	3.94	101	13913	0.044	ppbv	98
13) Ethanol	3.61	45	95894	5.914	ppbv	61
15) Acetone	3.84	43	4107380	21.605	ppbv	91
16) 1,3-Butadiene	3.30	39	3900850	34.708	ppbv #	34
17) tert-Butyl alcohol	4.31	59	83213	0.474	ppbv #	71
19) Isopropyl Alcohol	3.98	45	65562	0.569	ppbv #	91
20) Methylene Chloride	4.34	84	2062998	18.126	ppbv	98
21) Allyl Chloride	4.39	41	151217	1.055	ppbv #	1
23) Vinyl Acetate	5.05	43	124246	0.456	ppbv #	1
25) Ethyl Acetate	5.68	43	1362196	3.310	ppbv #	77
26) Hexane	5.68	57	1926229	9.260	ppbv #	43
27) Carbon Disulfide	4.55	76	36399	0.179	ppbv #	79
30) Cyclohexane	7.12	84	82620	0.477	ppbv	90
34) 2-Butanone	5.24	43	1553155	8.225	ppbv	98
36) Benzene	6.88	78	904354	2.303	ppbv	98
39) 1,2-Dichloropropane	7.17	63	1171069	8.027	ppbv #	24
41) Tetrahydrofuran	5.97	42	81670	0.931	ppbv #	37
42) Bromodichloromethane	7.79	83	13862	0.044	ppbv #	26
51) 2-Hexanone	10.14	43	84237	0.668	ppbv #	29
52) Tetrachloroethene	11.20	164	6236	0.034	ppbv #	74
53) Toluene	9.80	91	865478	1.845	ppbv	99
58) Ethyl Benzene	12.70	91	187355	0.313	ppbv #	87
59) m/p-Xylene	12.95	91	354883	0.699	ppbv	96
60) o-Xylene	13.68	91	124404	0.257	ppbv	96
61) Styrene	13.51	104	19788	0.079	ppbv #	22
69) p-Isopropyltoluene	17.64	119	100243	0.146	ppbv #	49
70) n-Butylbenzene	18.70	91	54077	0.085	ppbv	98
72) 4-Ethyltoluene	15.82	105	20943	0.038	ppbv #	38
73) 1,3,5-Trimethylbenzene	15.99	105	56529	0.106	ppbv	96
74) 1,2,4-Trimethylbenzene	16.75	105	169040	0.309	ppbv #	68

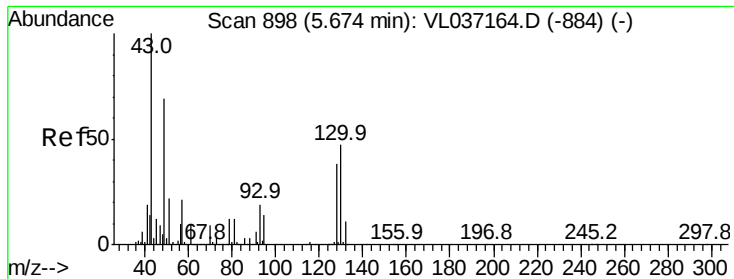
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 16 14:06:32 2021
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

Instrument :
MSVOA_L
ClientSampled :

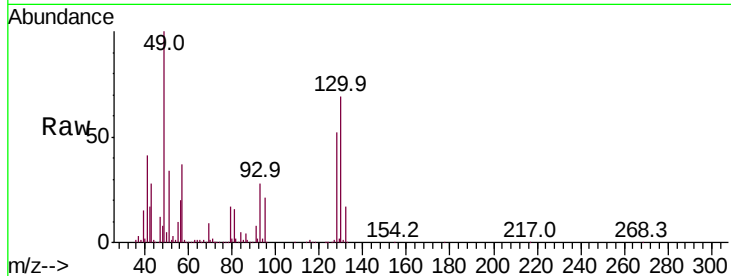
Tot Ion: 49 Resp: 1685874

Ion Ratio Lower Upper

49 100

128 53.3 29.3 88.0

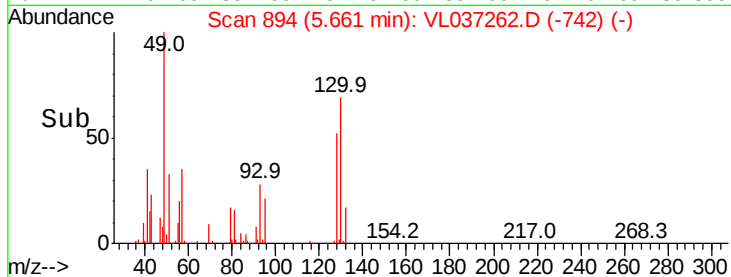
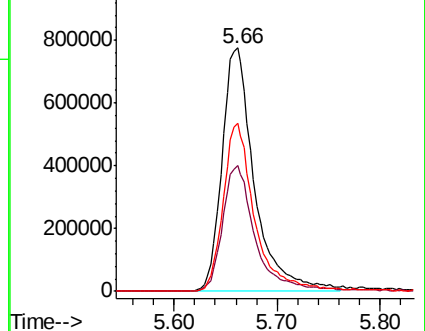
130 68.4 35.9 107.8



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: 0.083 ppbv

RT: 3.04 min Scan# 78

Delta R.T. -0.01 min

Lab File: VL037262.D

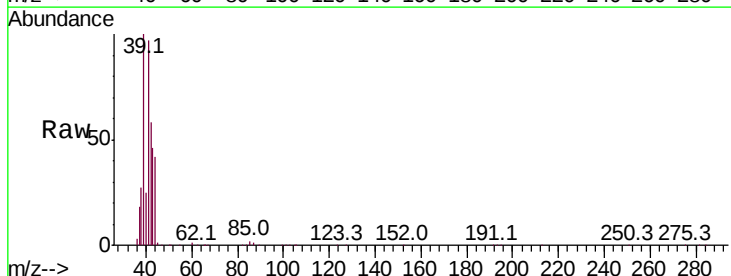
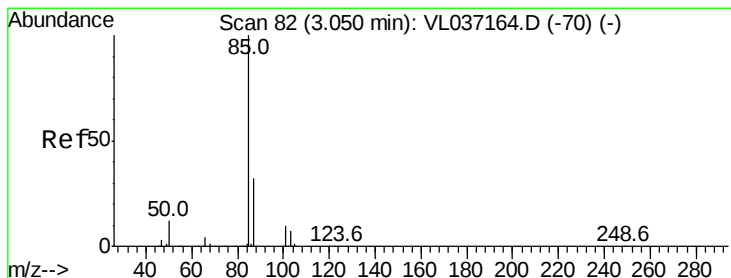
Acq: 29 Jun 2021 23:29

Tgt Ion: 85 Resp: 24247

Ion Ratio Lower Upper

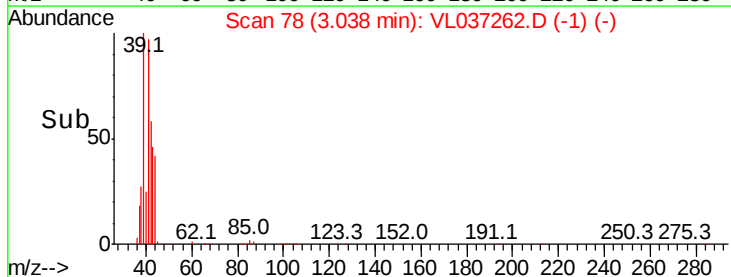
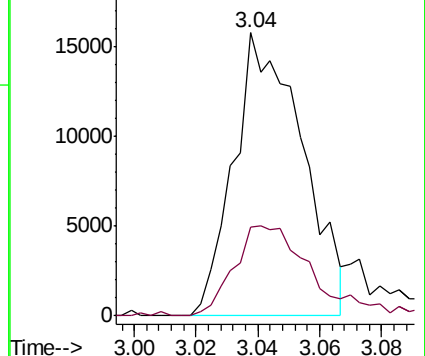
85 100

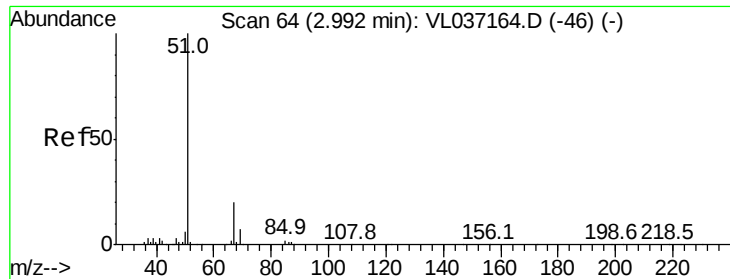
87 31.2 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.059 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.21 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

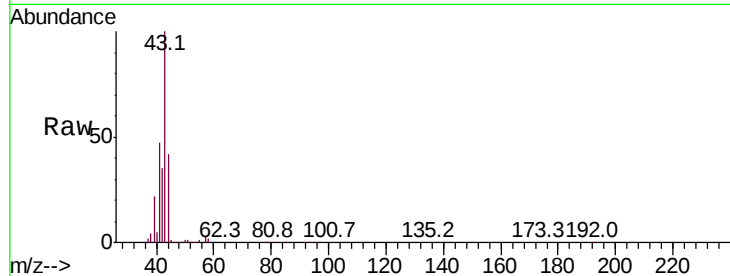
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 51 Resp: 19462

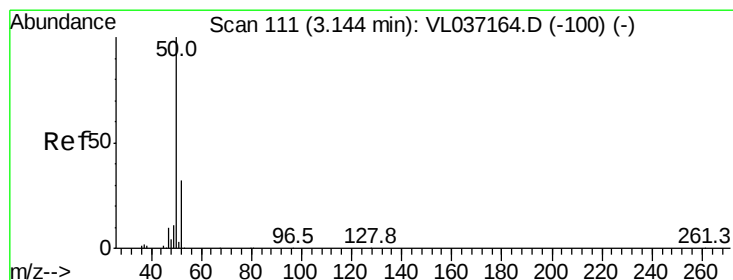
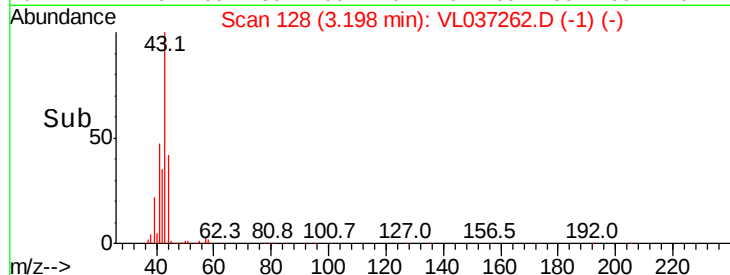
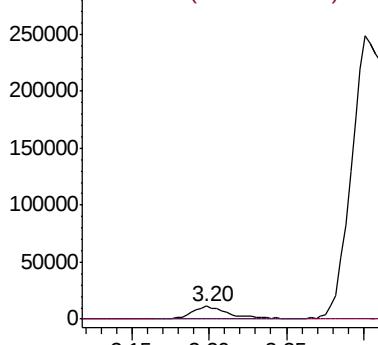
Ion Ratio Lower Upper

51 100

67 1.9 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: 0.079 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL037262.D

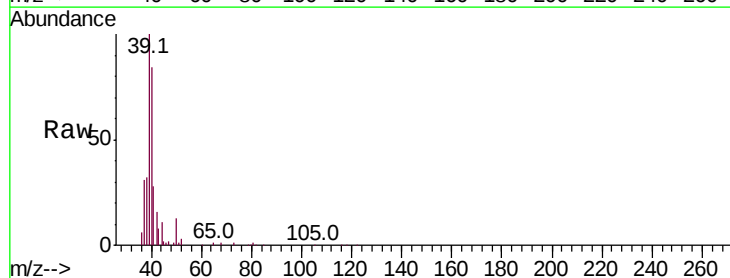
Acq: 29 Jun 2021 23:29

Tgt Ion: 50 Resp: 8588

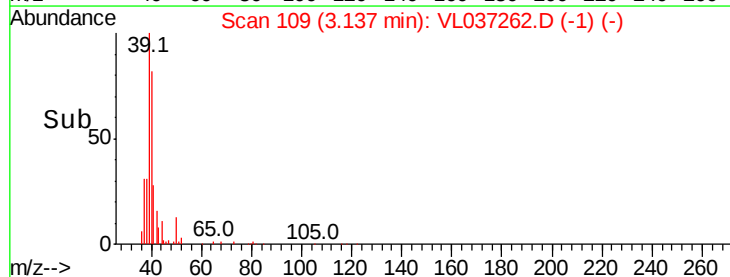
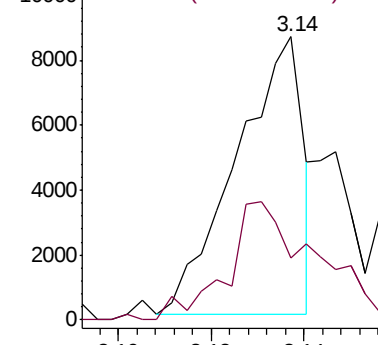
Ion Ratio Lower Upper

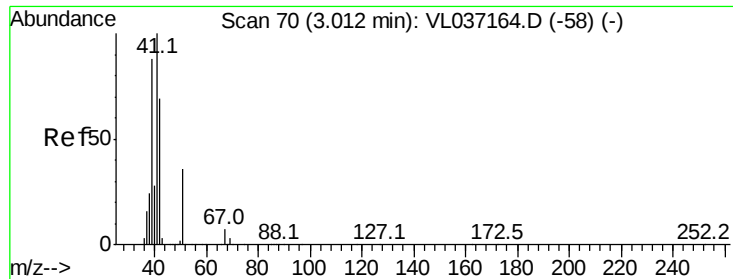
50 100

52 23.6 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: 77.463 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.01 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

Instrument :

MSVOA_L

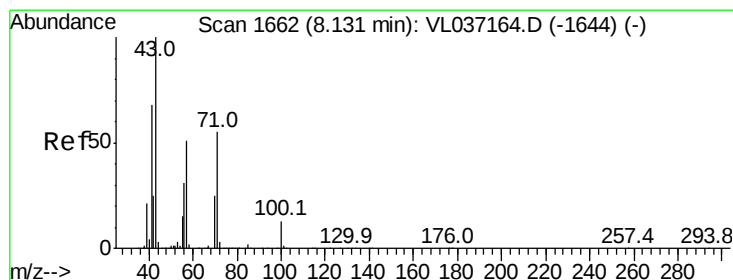
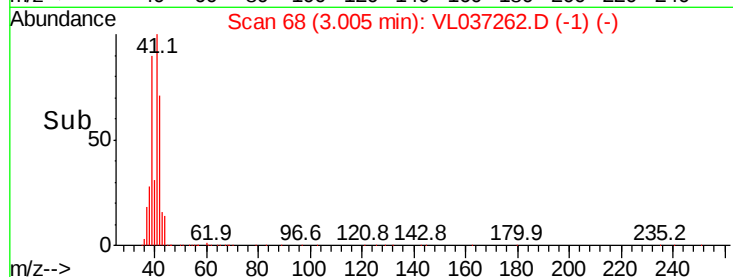
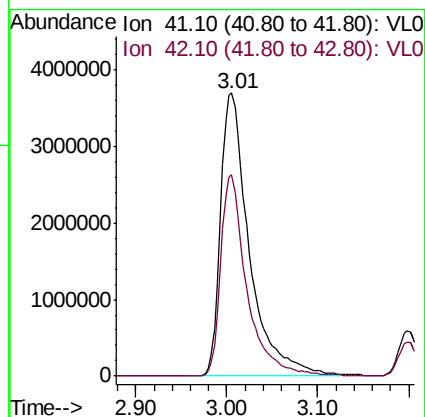
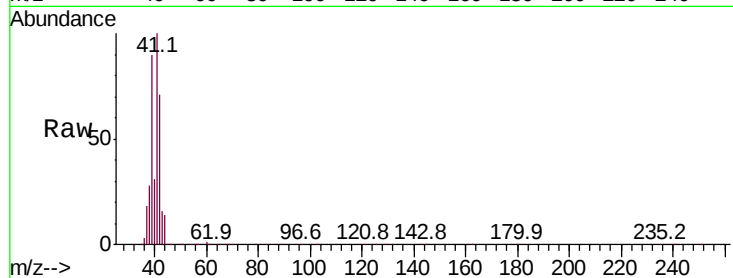
ClientSampleId :

Tot Ion: 41 Resp: 8119284

Ion Ratio Lower Upper

41 100

42 64.9 54.5 81.7



#10

Heptane

Concen: 1.924 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. -0.02 min

Lab File: VL037262.D

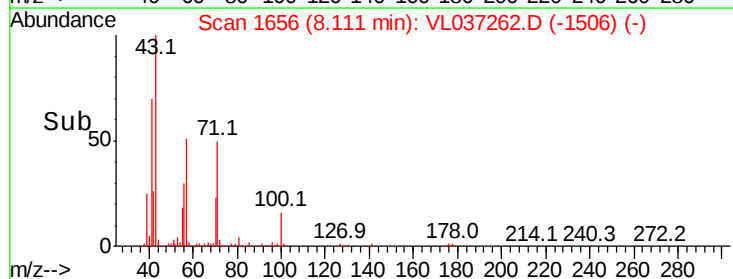
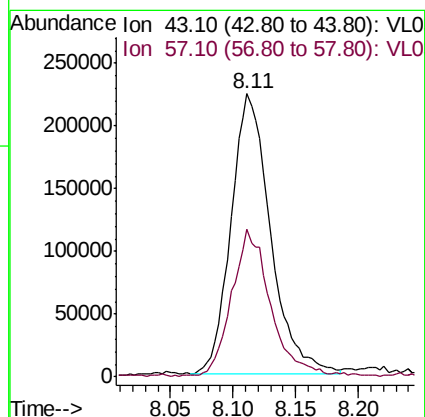
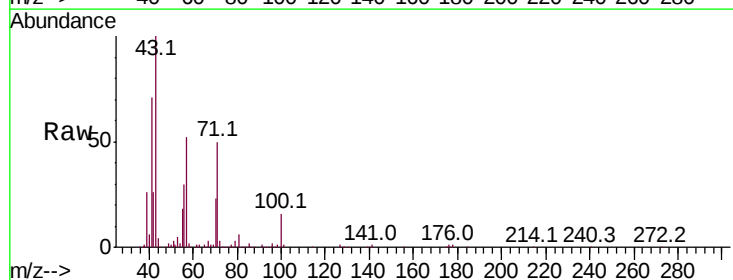
Acq: 29 Jun 2021 23:29

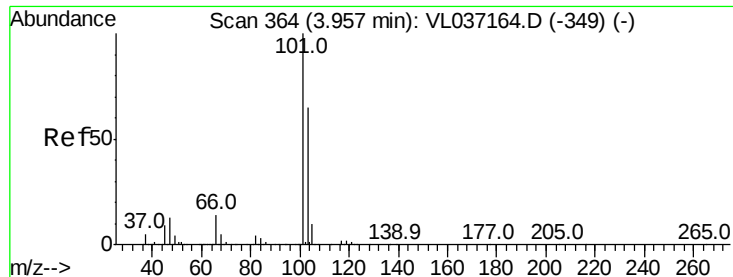
Tgt Ion: 43 Resp: 488506

Ion Ratio Lower Upper

43 100

57 51.8 40.6 61.0





#11

Trichlorofluoromethane

Concen: 0.044 ppbv

RT: 3.94 min Scan# 360

Delta R.T. -0.01 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

Instrument :

MSVOA_L

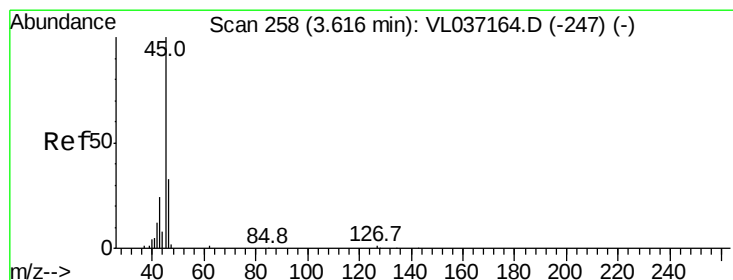
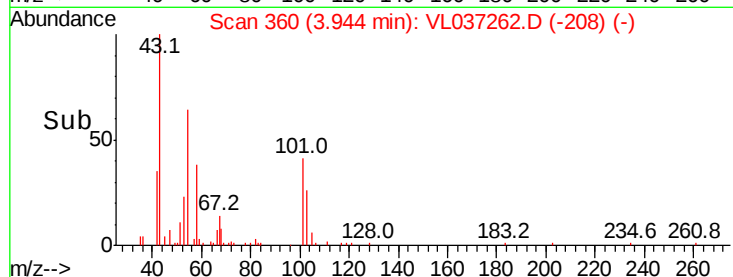
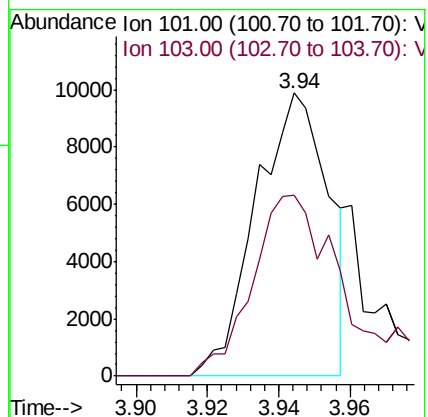
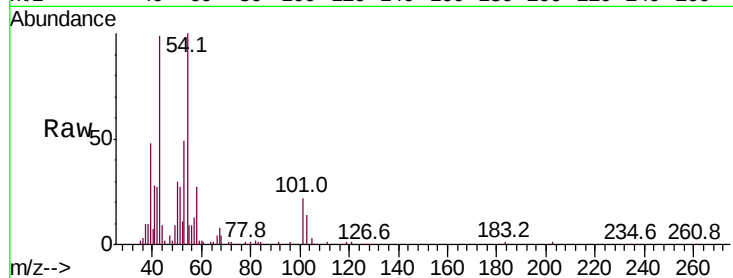
ClientSampleId :

Tot Ion:101 Resp: 13913

Ion Ratio Lower Upper

101 100

103 63.7 52.2 78.4



#13

Ethanol

Concen: 5.914 ppbv

RT: 3.61 min Scan# 256

Delta R.T. -0.01 min

Lab File: VL037262.D

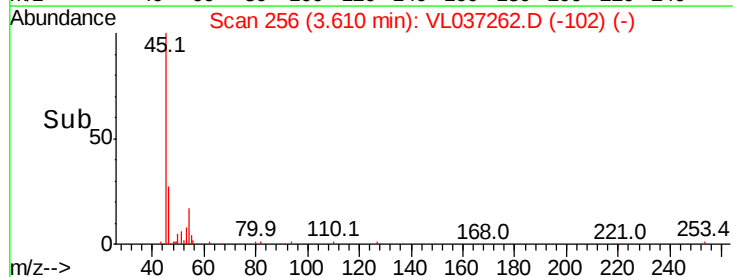
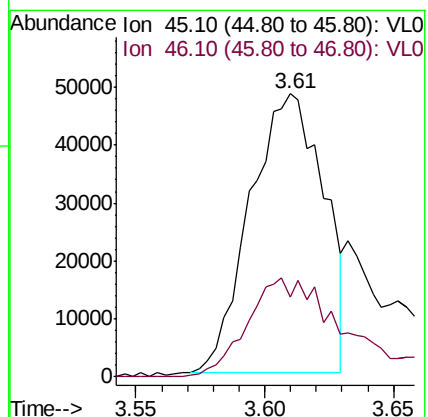
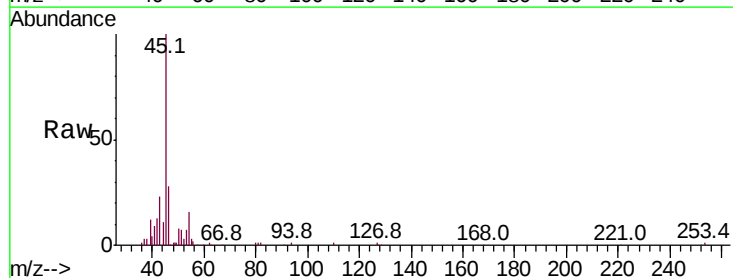
Acq: 29 Jun 2021 23:29

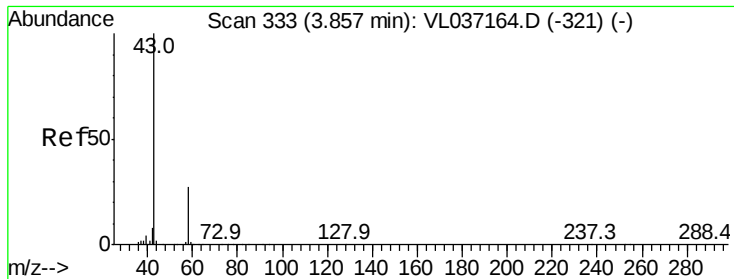
Tgt Ion: 45 Resp: 95894

Ion Ratio Lower Upper

45 100

46 49.8 34.2 137.0





#15

Acetone

Concen: 21.605 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.02 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

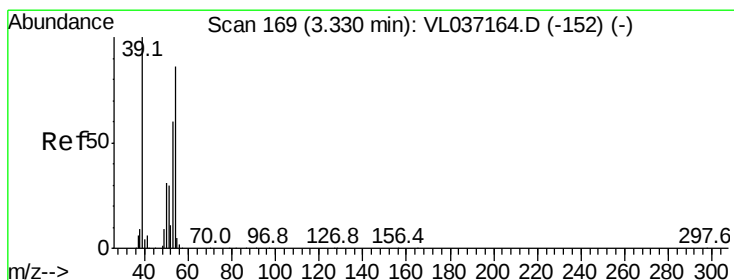
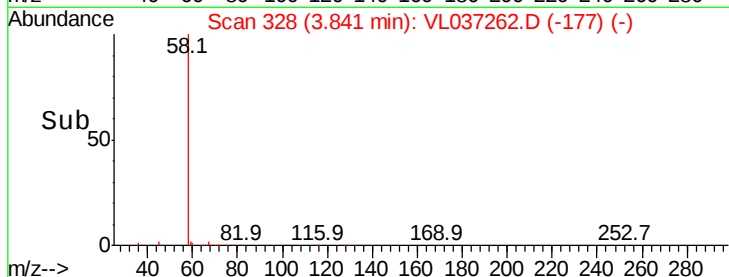
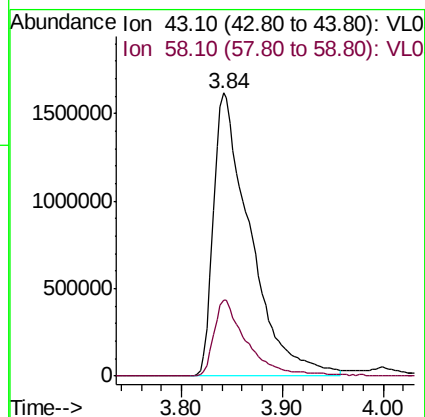
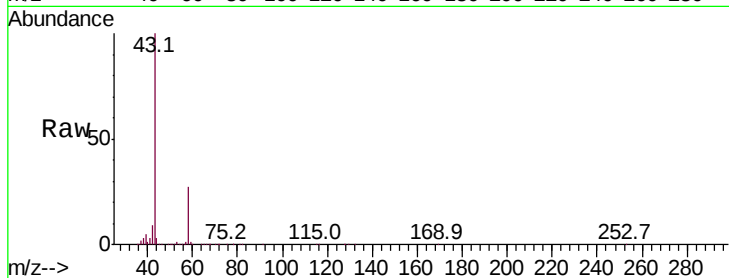
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 4107380

Ion Ratio Lower Upper

43 100

58 25.0 23.7 35.5



#16

1,3-Butadiene

Concen: 34.708 ppbv

RT: 3.30 min Scan# 160

Delta R.T. -0.03 min

Lab File: VL037262.D

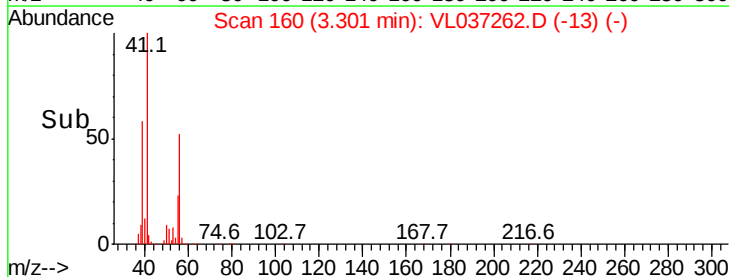
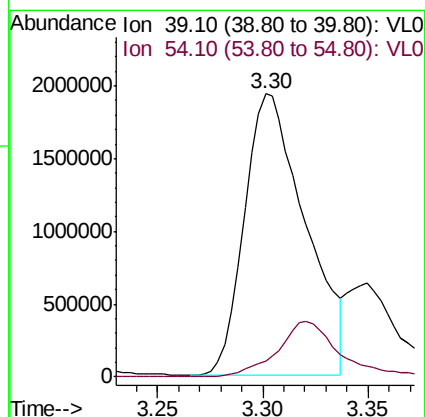
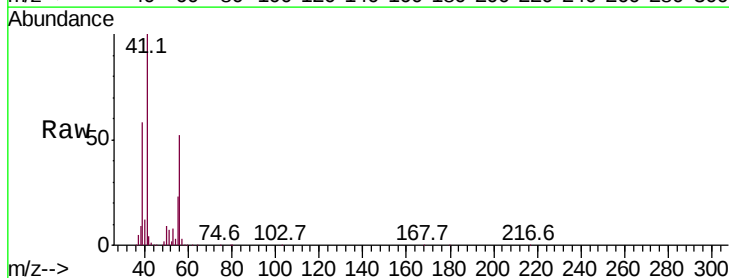
Acq: 29 Jun 2021 23:29

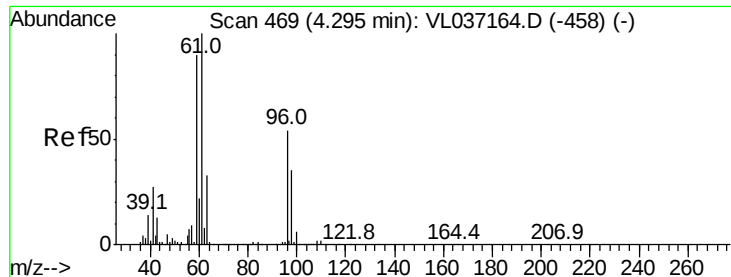
Tgt Ion: 39 Resp: 3900850

Ion Ratio Lower Upper

39 100

54 20.0 61.2 91.8#



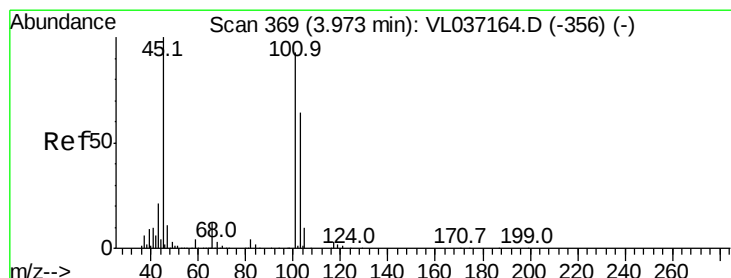
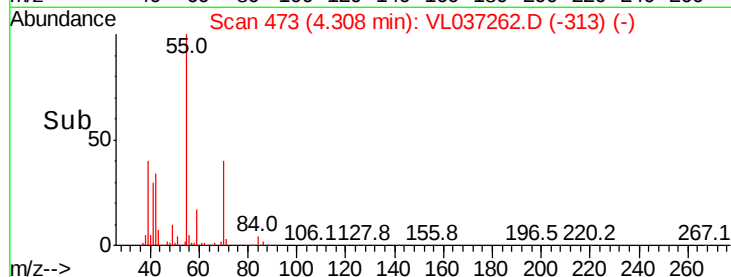
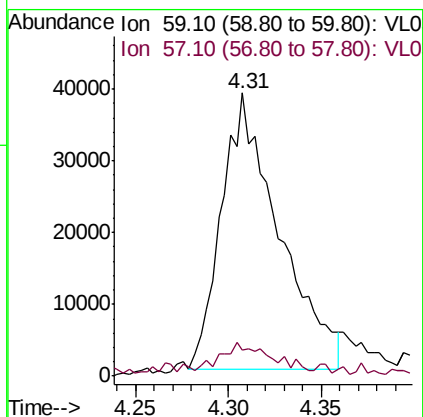
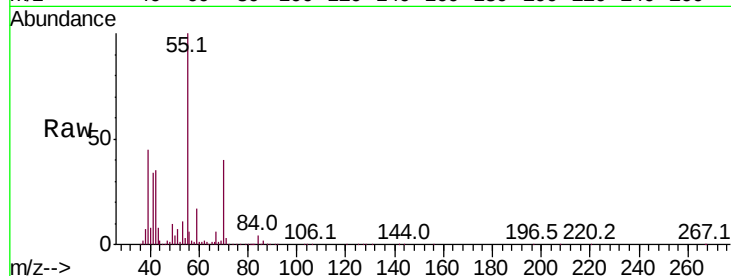


#17

tert-Butyl alcohol
 Concen: 0.474 ppbv
 RT: 4.31 min Scan# 473
 Delta R.T. 0.01 min
 Lab File: VL037262.D
 Acq: 29 Jun 2021 23:29

Instrument :
 MSVOA_L
 ClientSampleId :

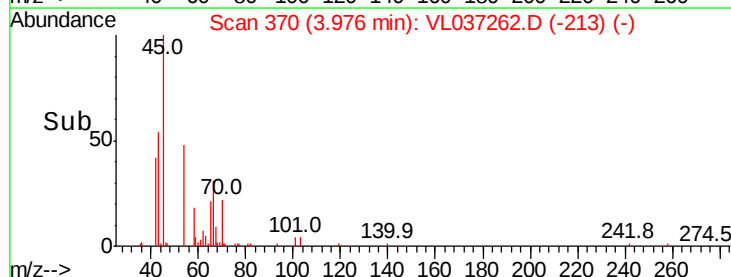
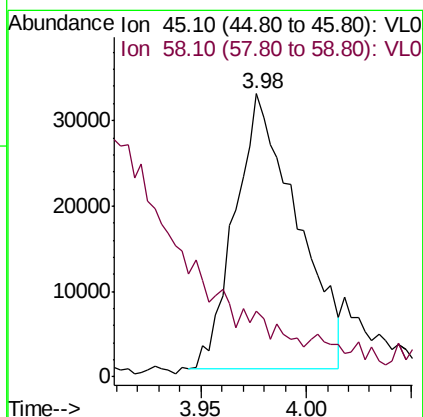
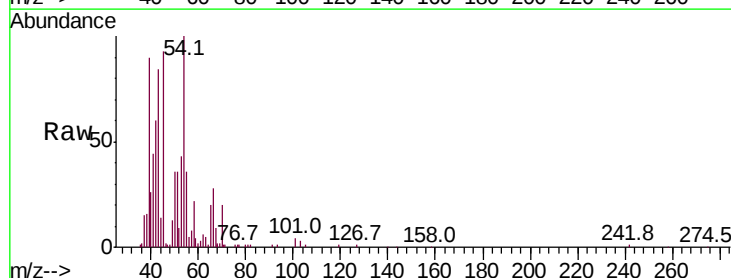
Tot Ion: 59 Resp: 83213
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

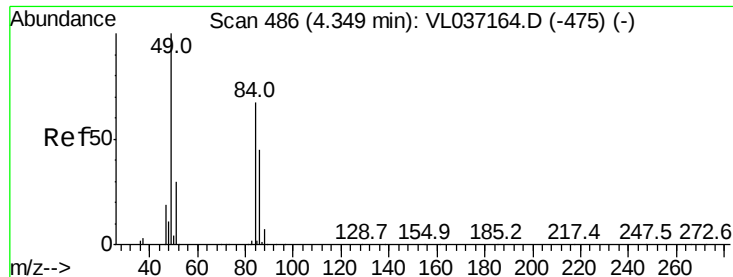


#19

Isopropyl Alcohol
 Concen: 0.569 ppbv
 RT: 3.98 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VL037262.D
 Acq: 29 Jun 2021 23:29

Tgt Ion: 45 Resp: 65562
 Ion Ratio Lower Upper
 45 100
 58 0.0 2.4 3.6#





#20

Methylene Chloride

Concen: 18.126 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

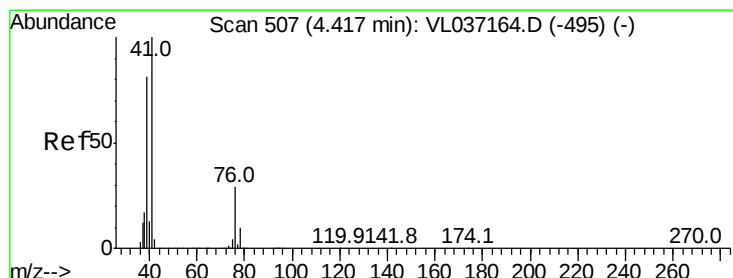
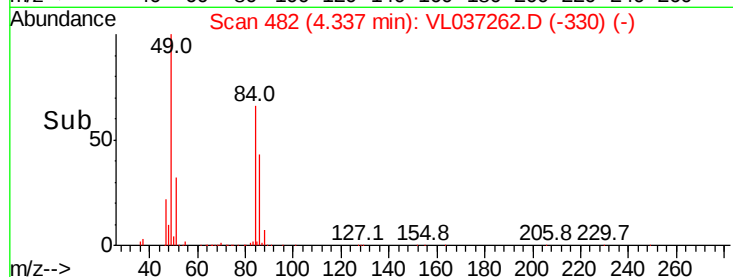
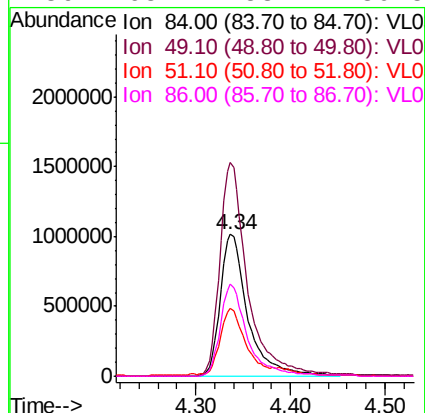
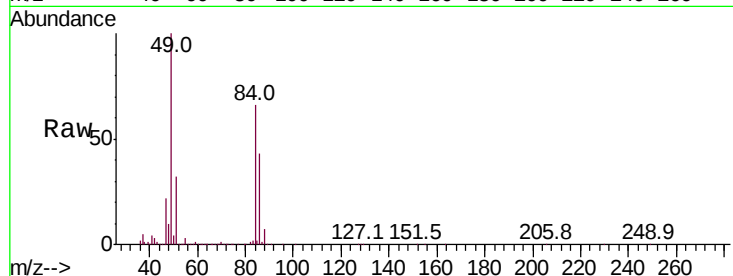
Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 2062998

Ion	Ratio	Lower	Upper
84	100		
49	150.3	119.7	179.5
51	47.4	36.1	54.1
86	65.2	53.7	80.5



#21

Allyl Chloride

Concen: 1.055 ppbv

RT: 4.39 min Scan# 499

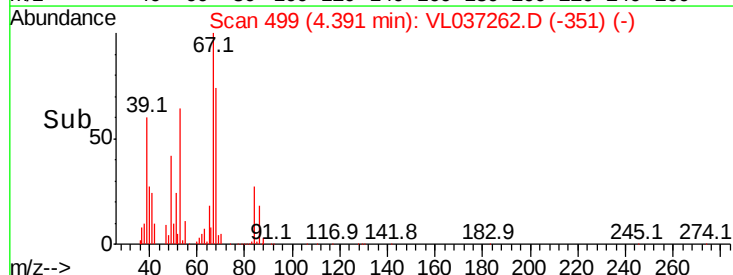
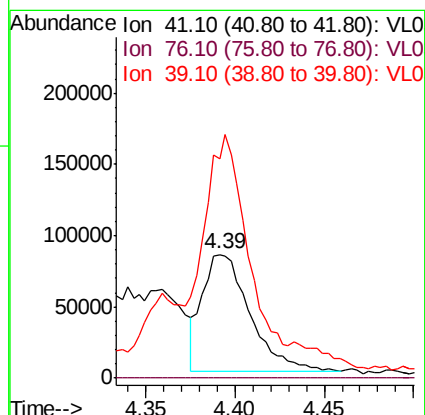
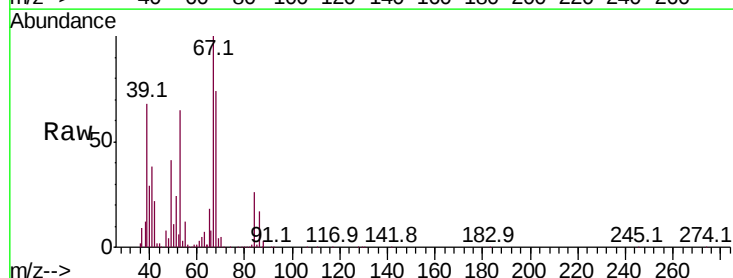
Delta R.T. -0.03 min

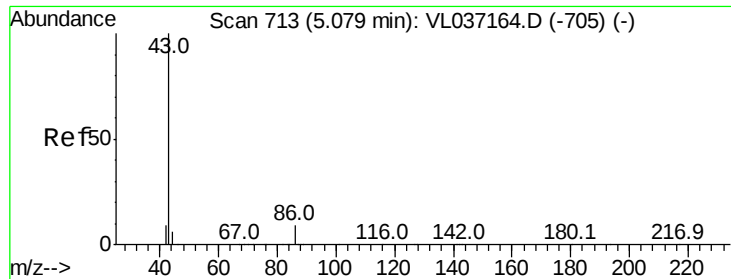
Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

Tgt Ion: 41 Resp: 151217

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.6	37.0#
39	267.4	65.4	98.0#





#23

Vinyl Acetate

Concen: 0.456 ppbv

RT: 5.05 min Scan# 705

Delta R.T. -0.03 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 124246

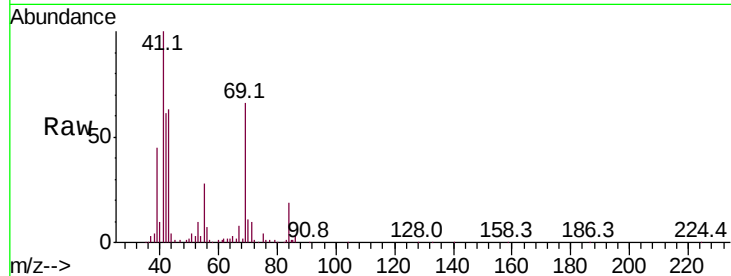
Ion Ratio Lower Upper

43 100

86 4.8 5.8 8.8#

42 99.8 8.2 12.2#

44 1.8 4.2 6.4#

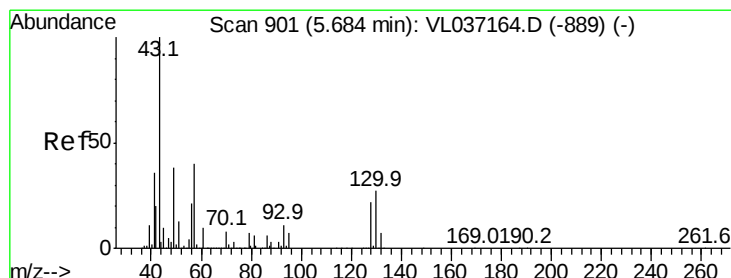
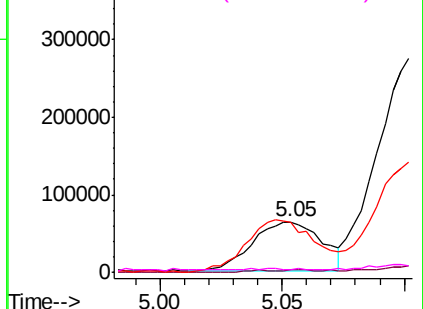
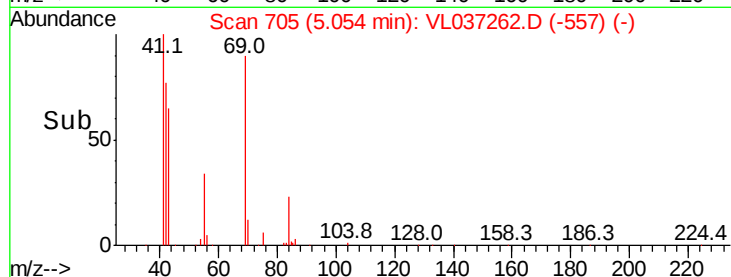


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 3.310 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.00 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

Tgt Ion: 43 Resp: 1362196

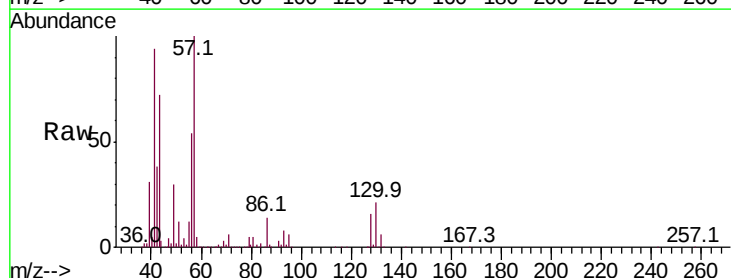
Ion Ratio Lower Upper

43 100

45 0.6 8.0 12.0#

61 0.5 8.1 12.1#

70 2.1 5.5 8.3#

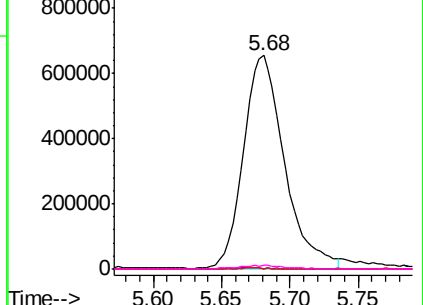
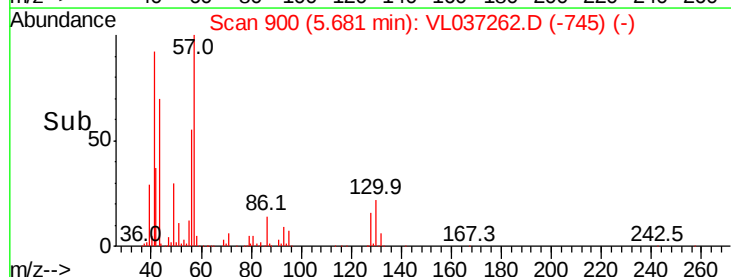


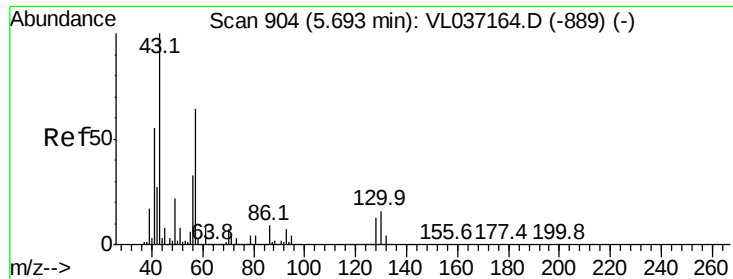
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0

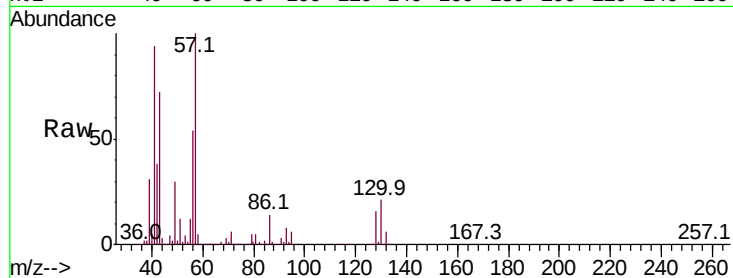




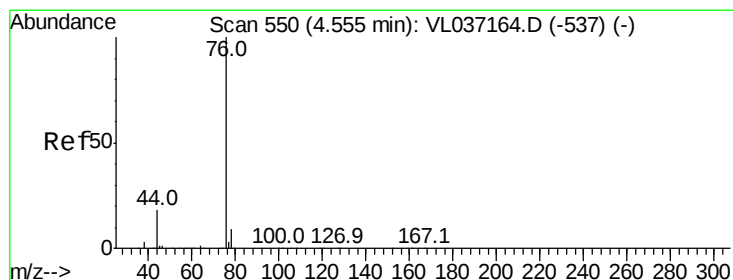
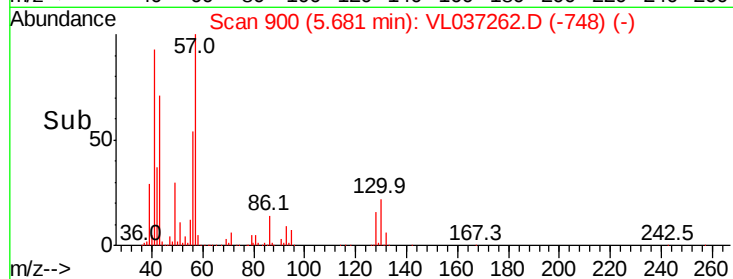
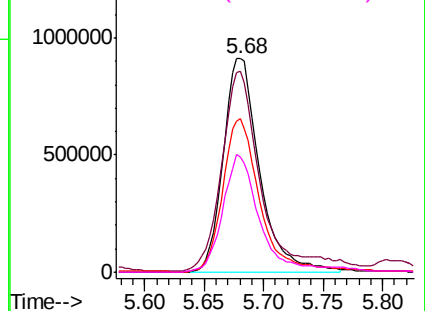
#26
Hexane
Concen: 9.260 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL037262.D
Acq: 29 Jun 2021 23:29

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 1926229
Ion Ratio Lower Upper
57 100
41 103.6 73.5 110.3
43 74.2 170.7 256.1#
56 57.7 42.4 63.6

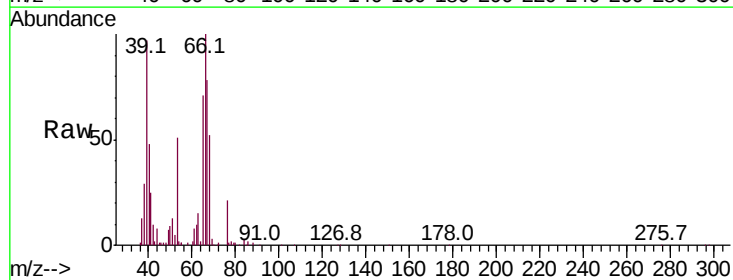


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

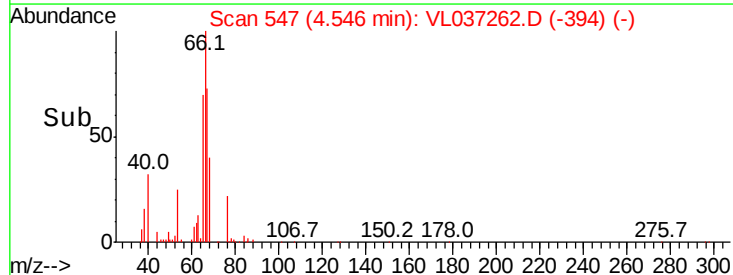
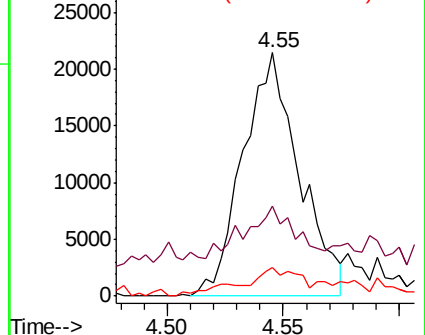


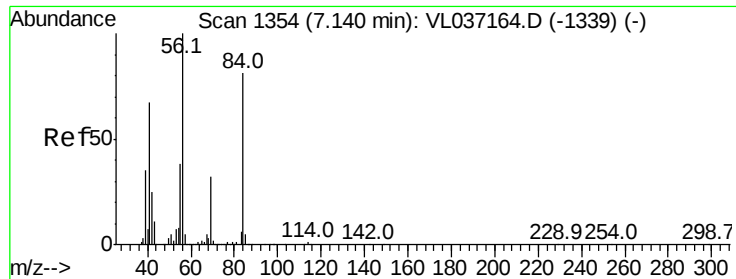
#27
Carbon Disulfide
Concen: 0.179 ppbv
RT: 4.55 min Scan# 547
Delta R.T. -0.01 min
Lab File: VL037262.D
Acq: 29 Jun 2021 23:29

Tgt Ion: 76 Resp: 36399
Ion Ratio Lower Upper
76 100
44 28.5 15.4 23.2#
78 18.7 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

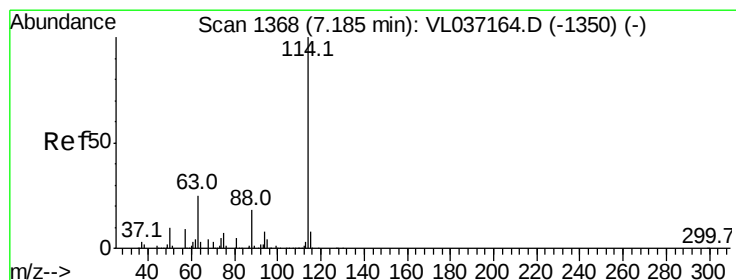
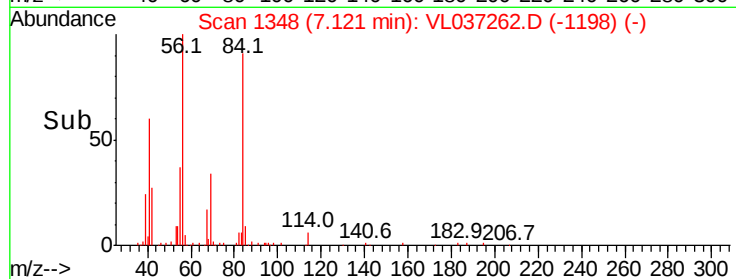
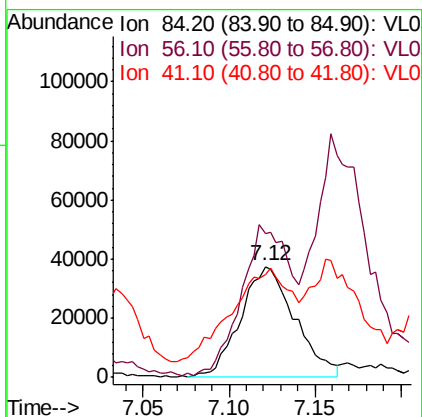
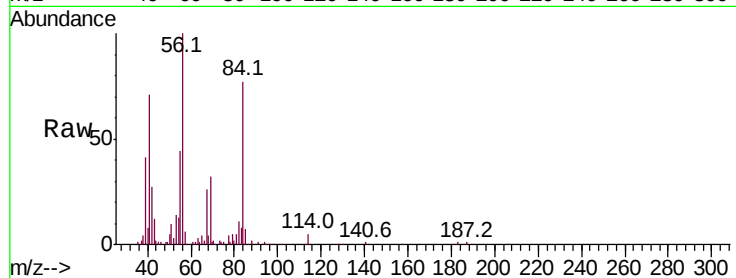




#30
Cvclohexane
Concen: 0.477 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.02 min
Lab File: VL037262.D
Acq: 29 Jun 2021 23:29

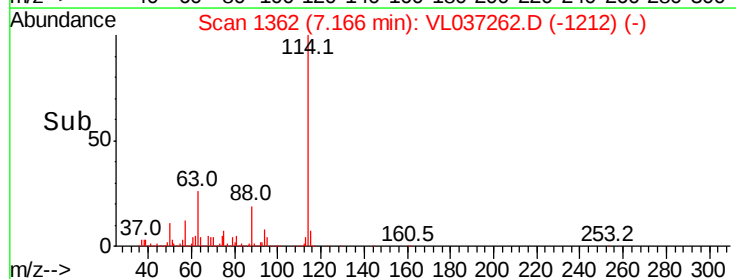
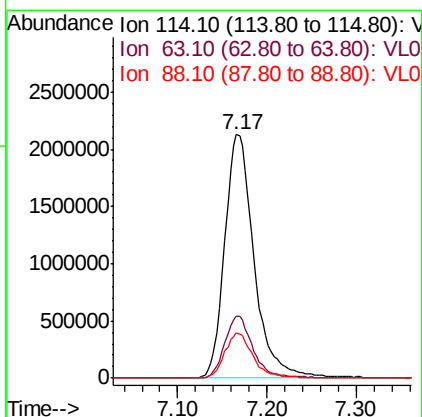
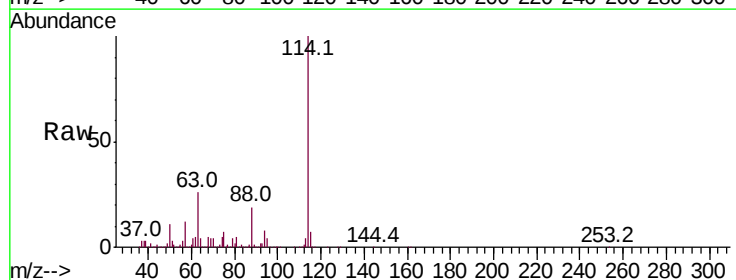
Instrument :
MSVOA_L
ClientSampleId :

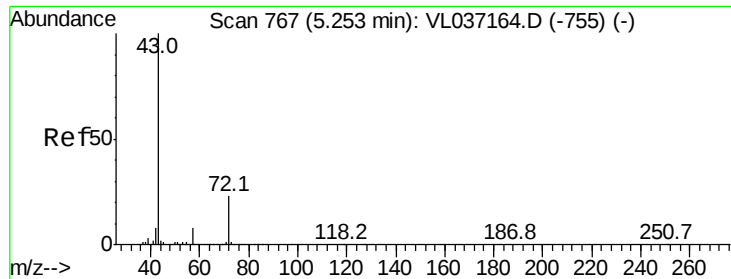
Tot Ion: 84 Resp: 82620
Ion Ratio Lower Upper
84 100
56 114.6 107.7 161.5
41 86.8 69.0 103.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.02 min
Lab File: VL037262.D
Acq: 29 Jun 2021 23:29

Tgt Ion:114 Resp: 4855425
Ion Ratio Lower Upper
114 100
63 24.9 19.6 29.4
88 18.0 14.2 21.2

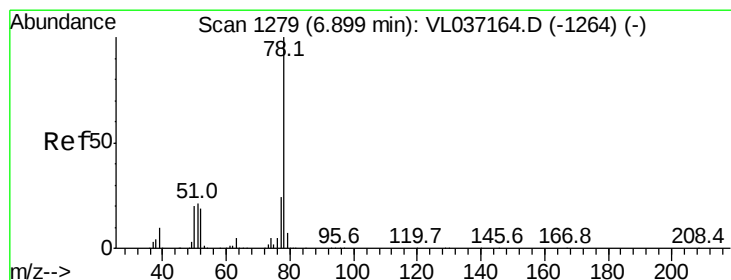
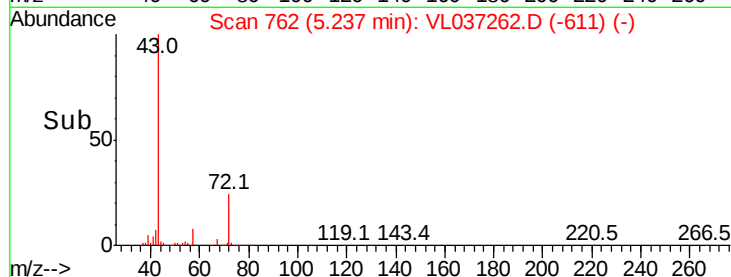
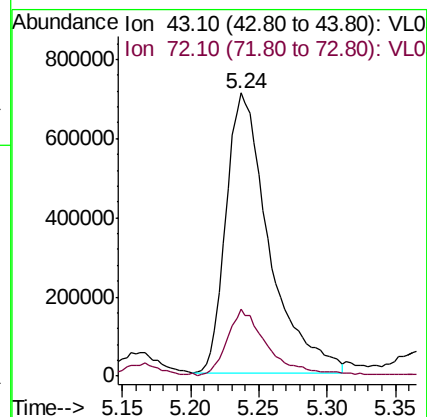
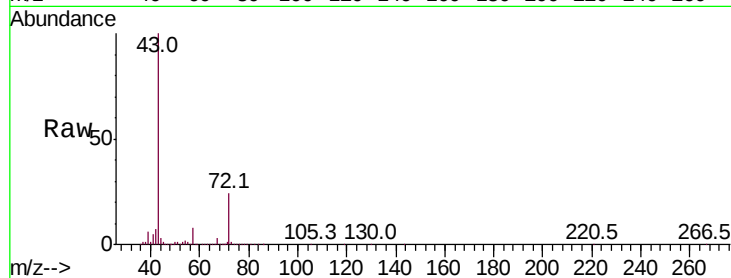




#34
2-Butanone
Concen: 8.225 ppbv
RT: 5.24 min Scan# 762
Delta R.T. -0.02 min
Lab File: VL037262.D
Acq: 29 Jun 2021 23:29

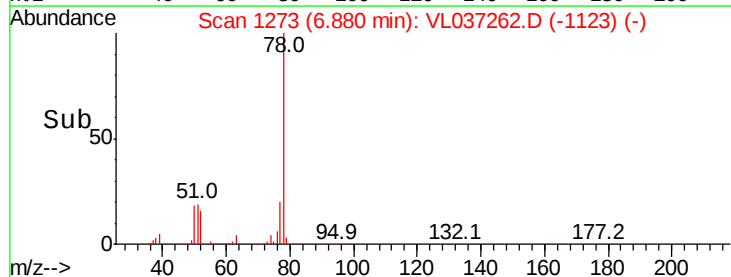
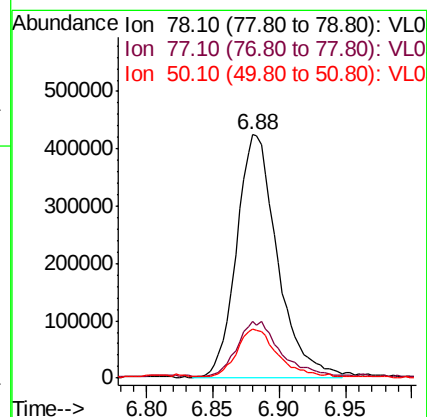
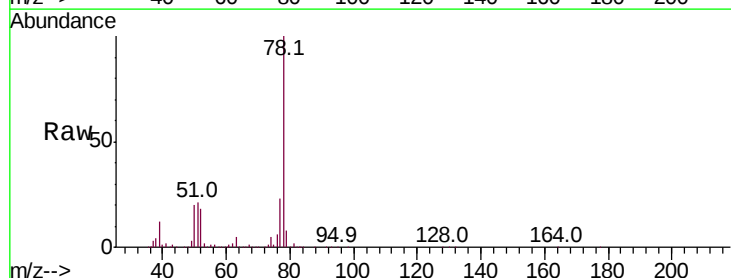
Instrument :
MSVOA_L
ClientSampled :

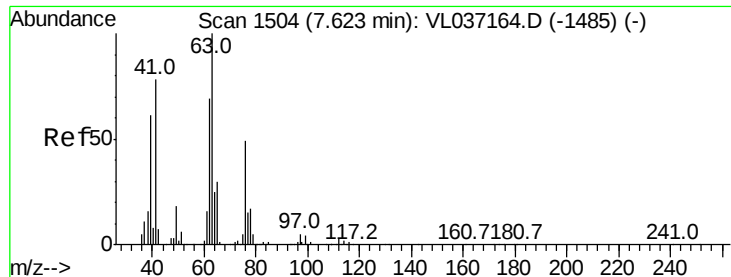
Tot Ion: 43 Resp: 1553155
Ion Ratio Lower Upper
43 100
72 22.6 18.9 28.3



#36
Benzene
Concen: 2.303 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VL037262.D
Acq: 29 Jun 2021 23:29

Tgt Ion: 78 Resp: 904354
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.6
50 19.6 15.7 23.5





#39

1,2-Dichloropropane

Concen: 8.027 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.46 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

Instrument :

MSVOA_L

ClientSampleId :

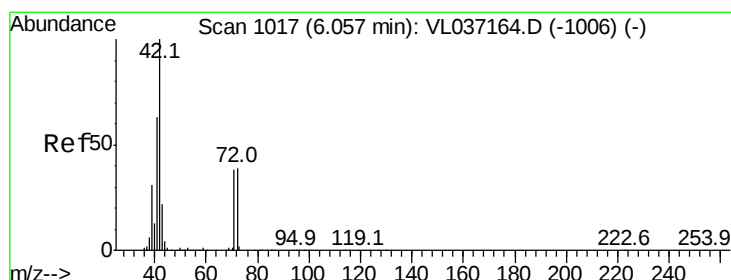
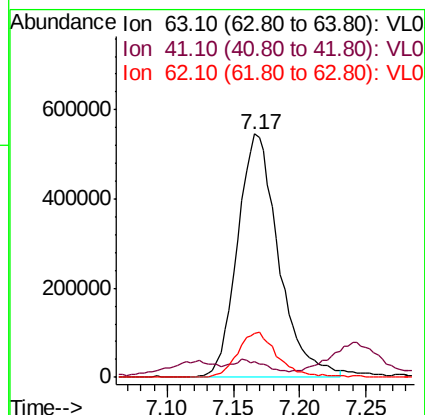
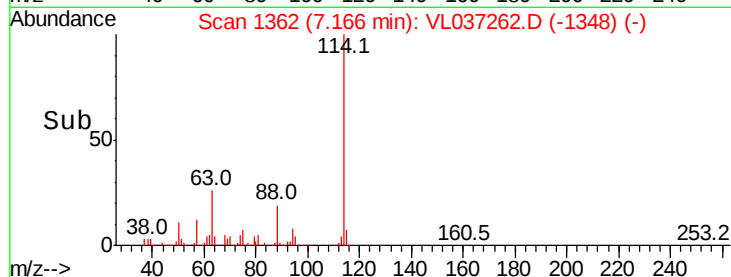
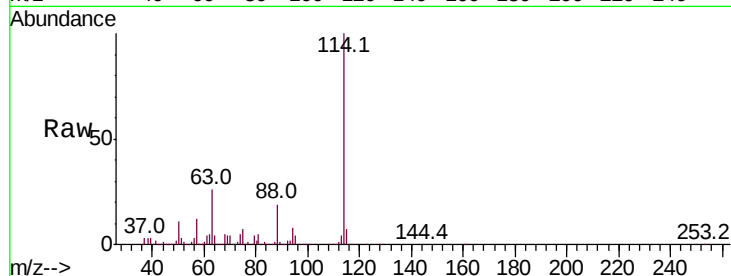
Tot Ion: 63 Resp: 1171069

Ion Ratio Lower Upper

63 100

41 0.3 62.0 93.0#

62 18.1 54.9 82.3#



#41

Tetrahydrofuran

Concen: 0.931 ppbv

RT: 5.97 min Scan# 990

Delta R.T. -0.09 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

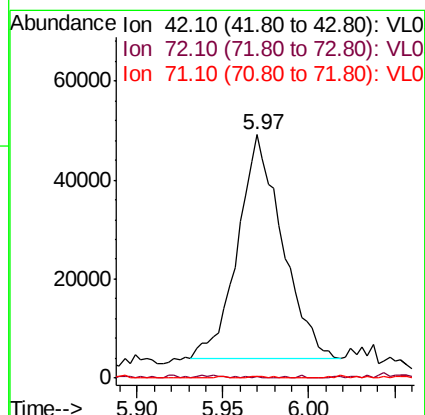
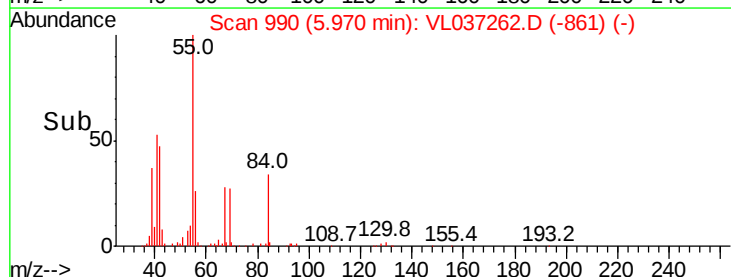
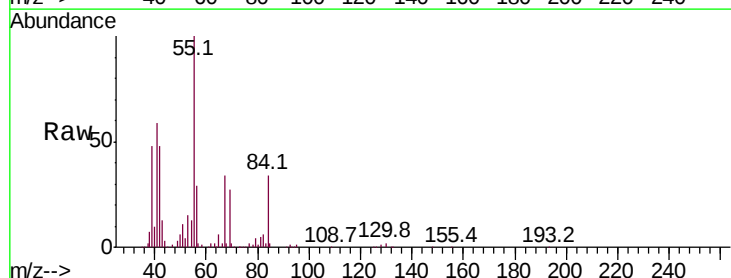
Tgt Ion: 42 Resp: 81670

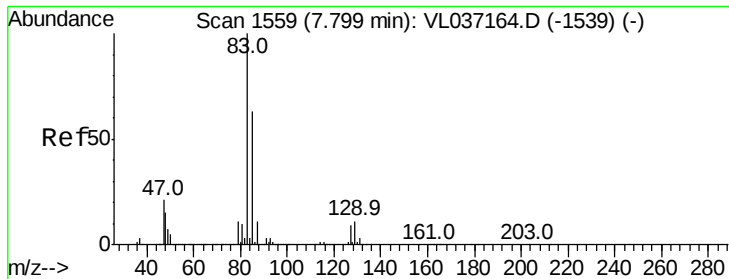
Ion Ratio Lower Upper

42 100

72 1.7 33.0 49.4#

71 0.0 31.0 46.6#





#42

Bromodichloromethane

Concen: 0.044 ppbv

RT: 7.79 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

Instrument :

MSVOA_L

ClientSampleId :

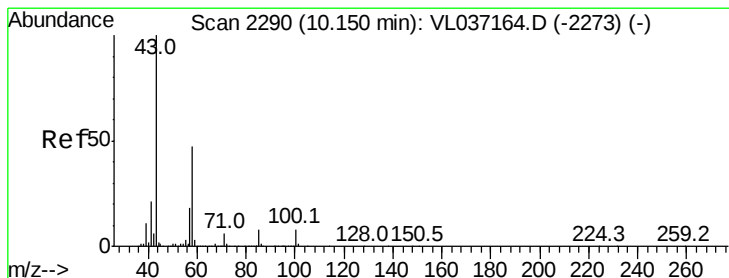
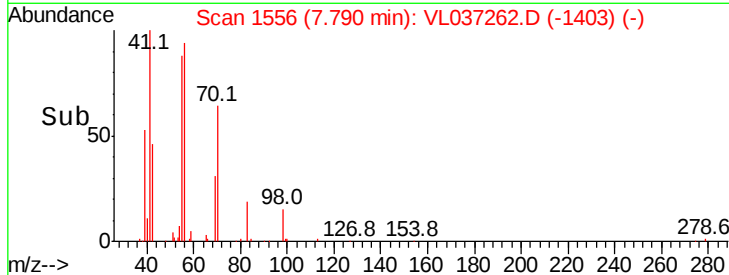
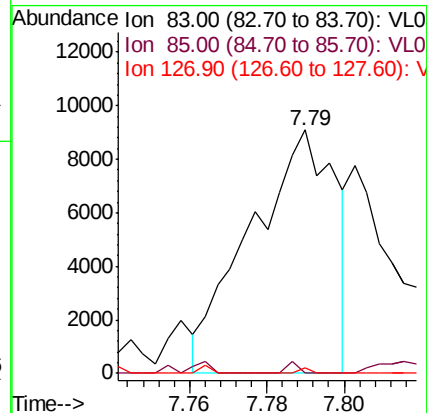
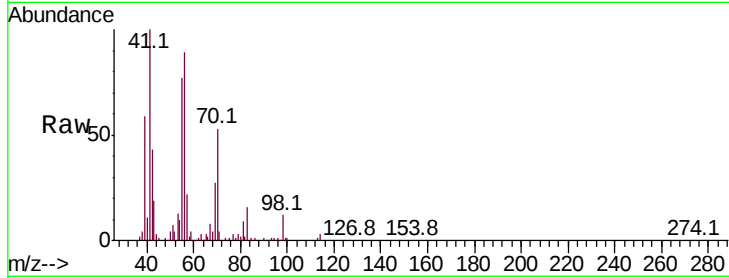
Tot Ion: 83 Resp: 13862

Ion Ratio Lower Upper

83 100

85 0.0 50.8 76.2#

127 2.9 7.0 10.6#



#51

2-Hexanone

Concen: 0.668 ppbv

RT: 10.14 min Scan# 2286

Delta R.T. -0.01 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

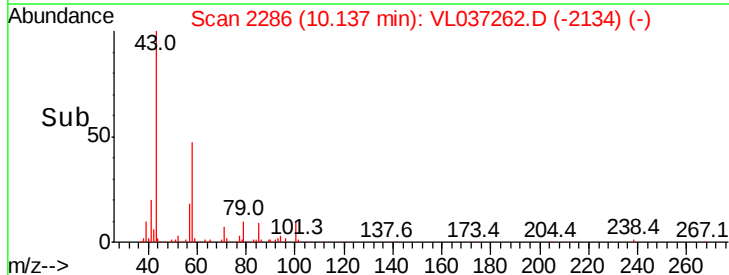
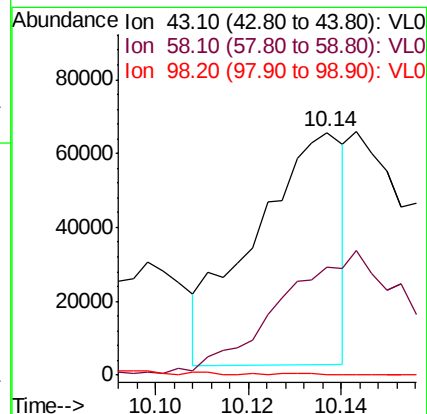
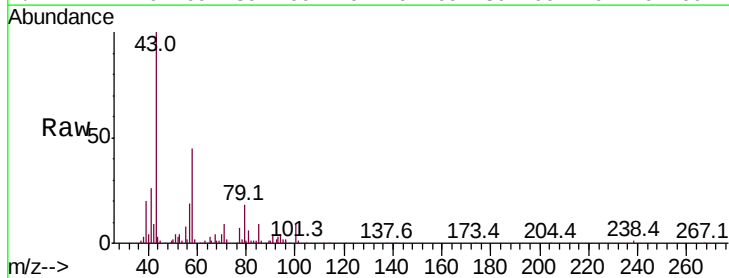
Tgt Ion: 43 Resp: 84237

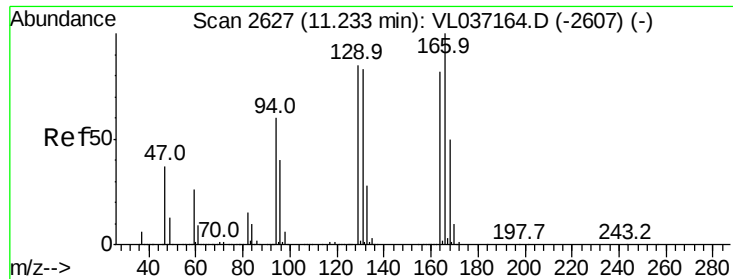
Ion Ratio Lower Upper

43 100

58 0.0 38.4 57.6#

98 0.6 0.3 0.5#





#52

Tetrachloroethene

Concen: 0.034 ppbv

RT: 11.20 min Scan# 2618

Delta R.T. -0.03 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 6236

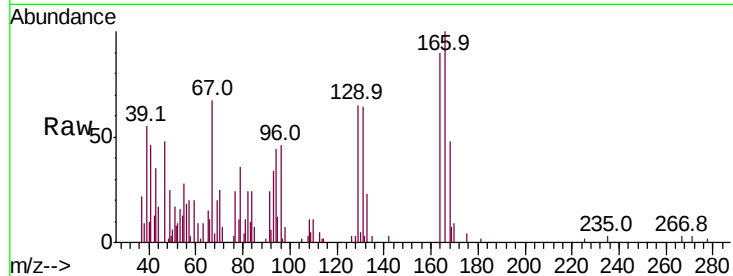
Ion Ratio Lower Upper

164 100

166 105.8 97.6 146.4

129 72.2 82.9 124.3#

131 66.4 80.6 120.8#

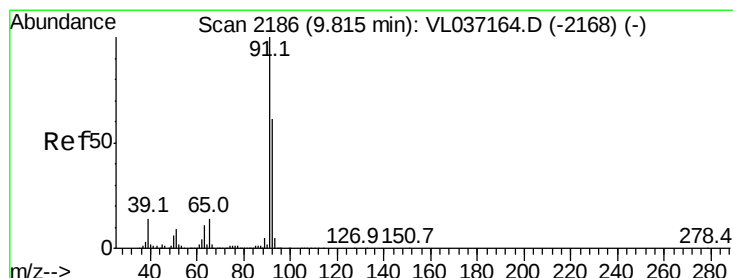
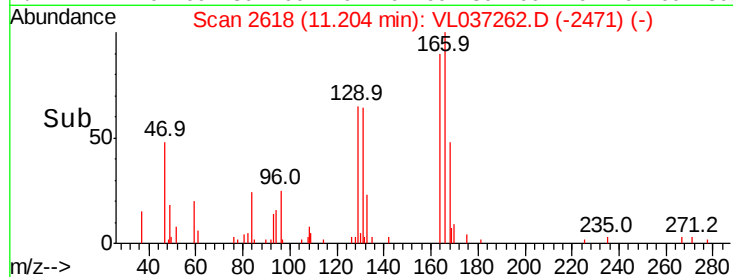
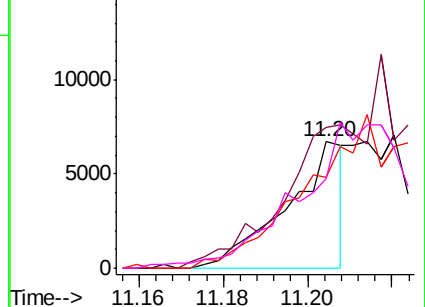


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.845 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. -0.02 min

Lab File: VL037262.D

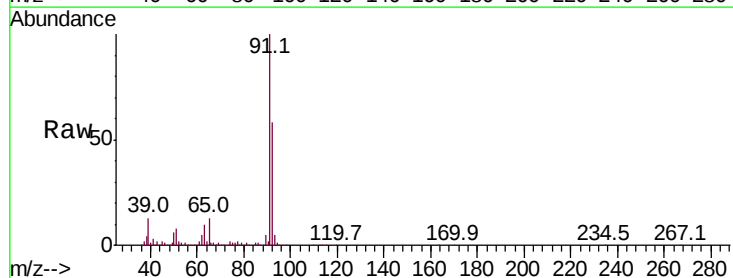
Acq: 29 Jun 2021 23:29

Tgt Ion: 91 Resp: 865478

Ion Ratio Lower Upper

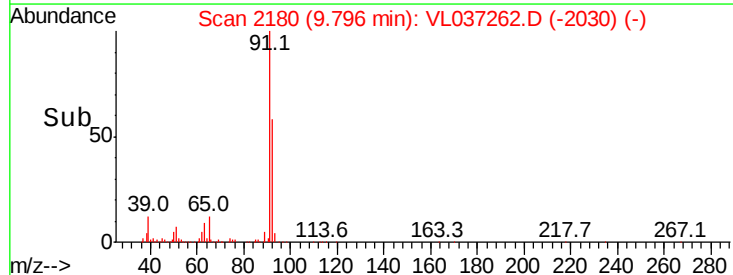
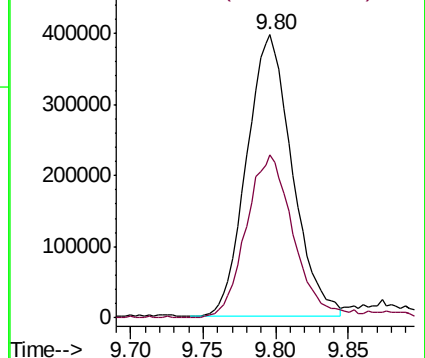
91 100

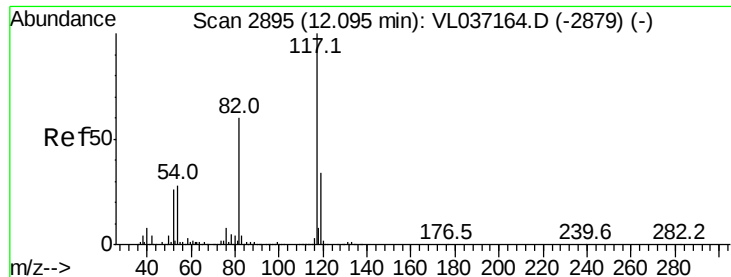
92 59.9 48.3 72.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

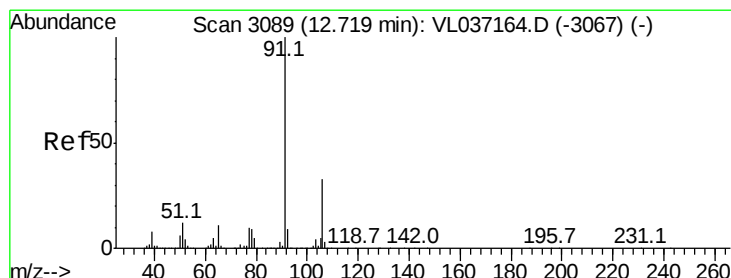
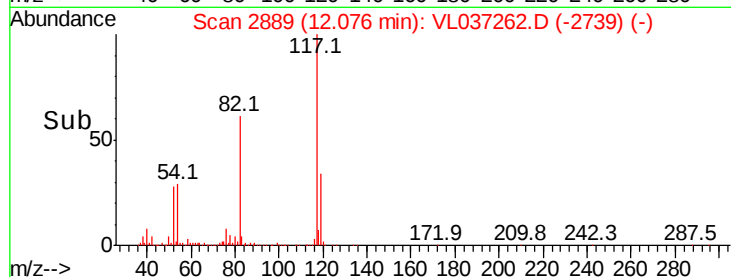
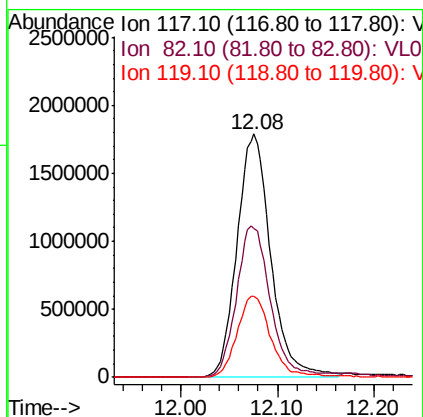
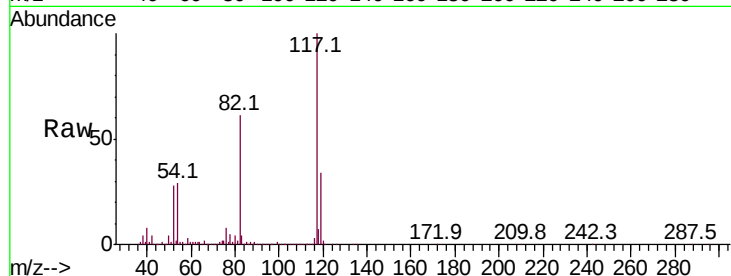




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL037262.D
Acq: 29 Jun 2021 23:29

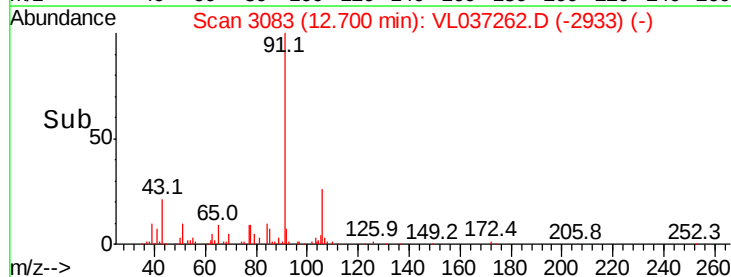
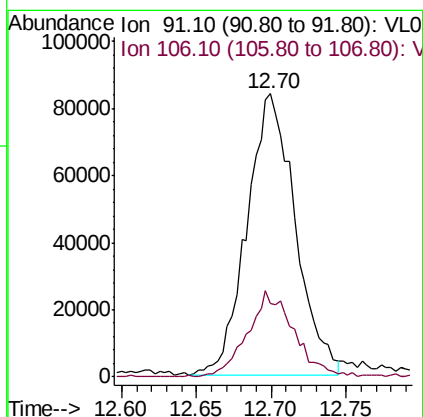
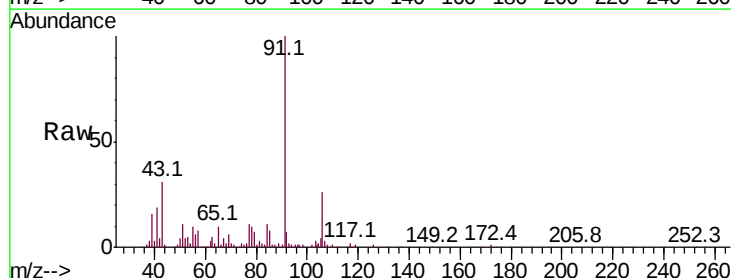
Instrument :
MSVOA_L
ClientSampleId :

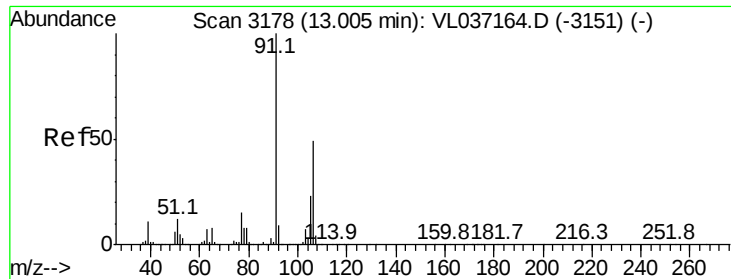
Tot Ion:117 Resp: 4354233
Ion Ratio Lower Upper
117 100
82 62.5 51.7 77.5
119 33.8 47.6 71.4#



#58
Ethyl Benzene
Concen: 0.313 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.02 min
Lab File: VL037262.D
Acq: 29 Jun 2021 23:29

Tgt Ion: 91 Resp: 187355
Ion Ratio Lower Upper
91 100
106 25.5 26.3 39.5#

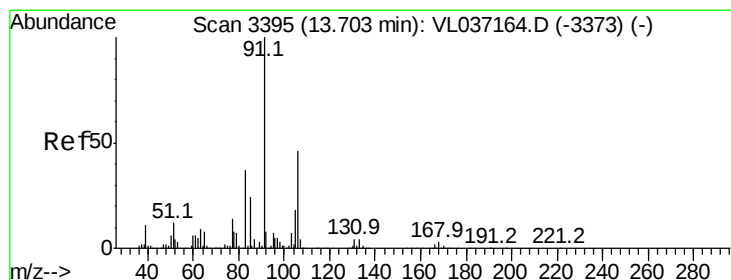
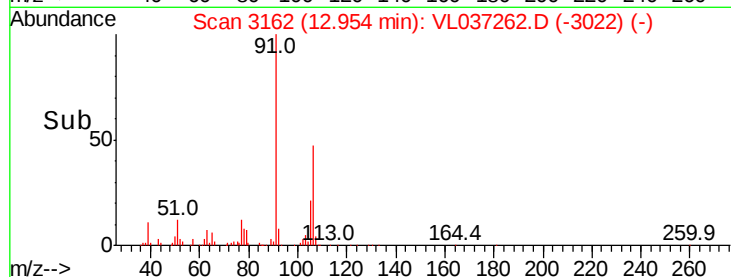
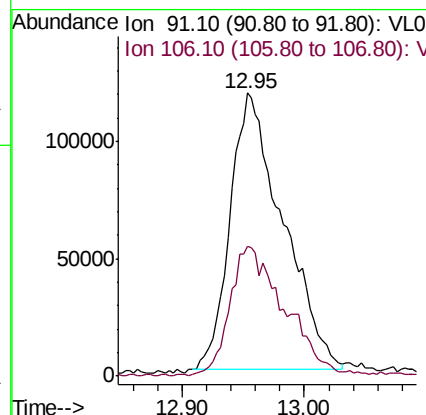
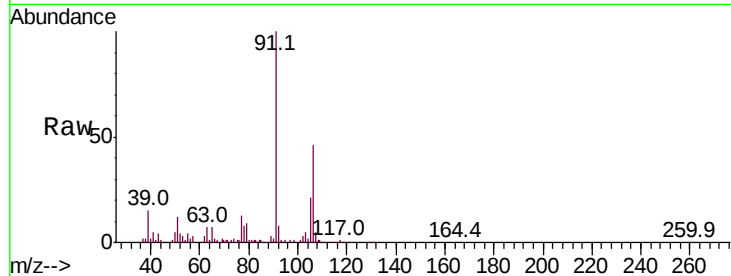




#59
m/p-Xylene
Concen: 0.699 ppbv
RT: 12.95 min Scan# 3162
Delta R.T. -0.05 min
Lab File: VL037262.D
Acq: 29 Jun 2021 23:29

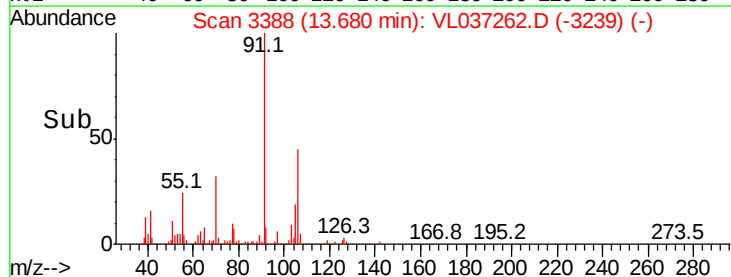
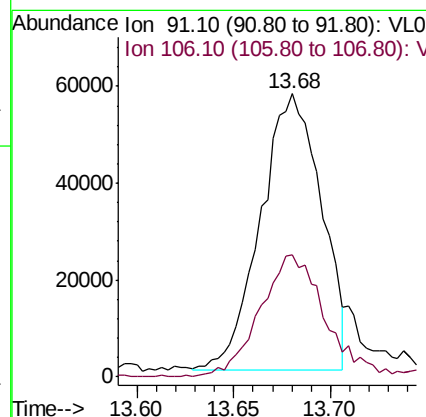
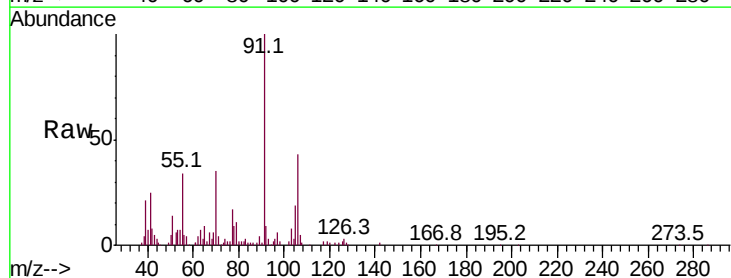
Instrument :
MSVOA_L
ClientSampleId :

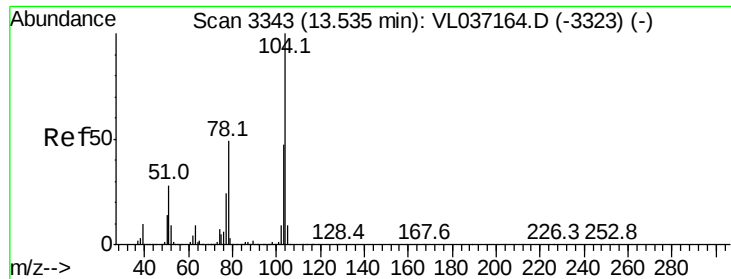
Tot Ion: 91 Resp: 354883
Ion Ratio Lower Upper
91 100
106 48.8 37.0 55.4



#60
o-Xylene
Concen: 0.257 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.02 min
Lab File: VL037262.D
Acq: 29 Jun 2021 23:29

Tgt Ion: 91 Resp: 124404
Ion Ratio Lower Upper
91 100
106 48.8 23.0 69.0





#61

Stvrene

Concen: 0.079 ppbv

RT: 13.51 min Scan# 3336

Delta R.T. -0.02 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

Instrument :

MSVOA_L

ClientSampleId :

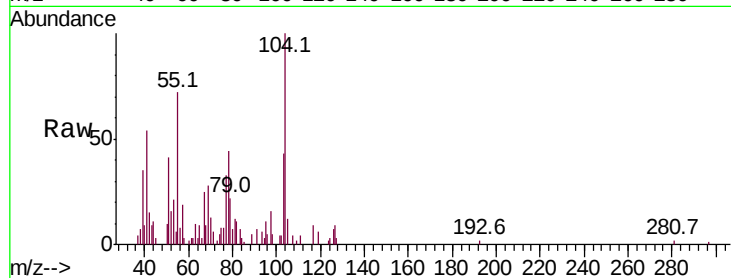
Tot Ion:104 Resp: 19788

Ion Ratio Lower Upper

104 100

78 102.6 39.7 59.5#

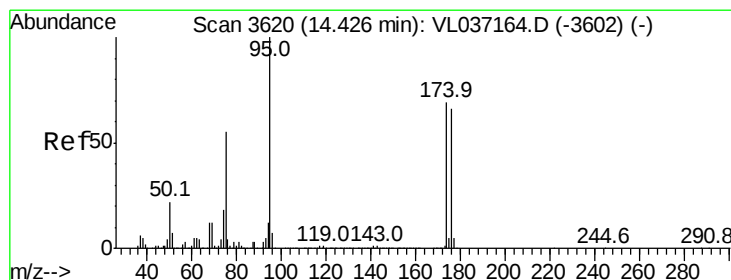
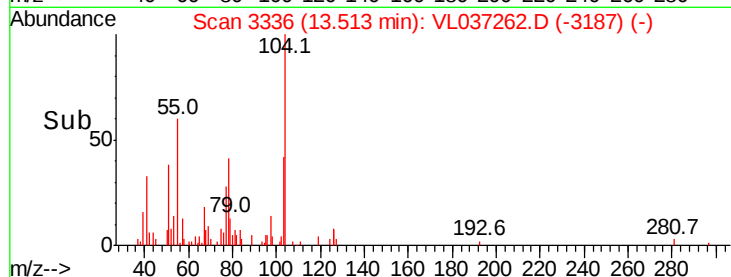
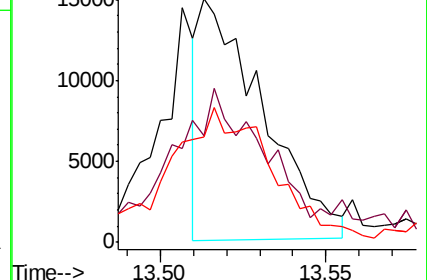
103 99.6 37.6 56.4#



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



#68

1-Bromo-4-Fluorobenzene

Concen: 9.904 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.02 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

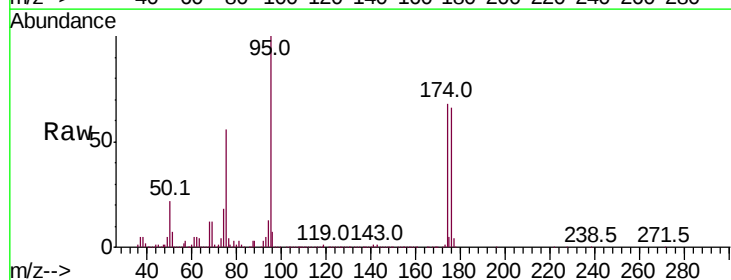
Tgt Ion: 95 Resp: 3267806

Ion Ratio Lower Upper

95 100

174 74.8 57.0 85.4

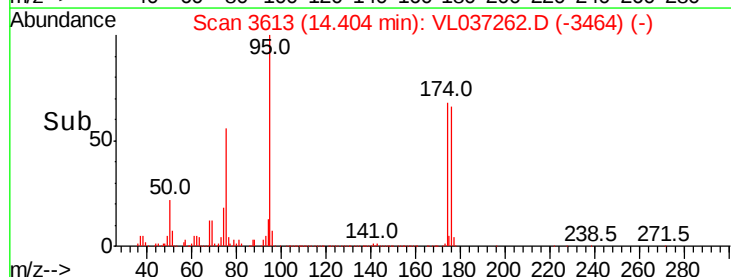
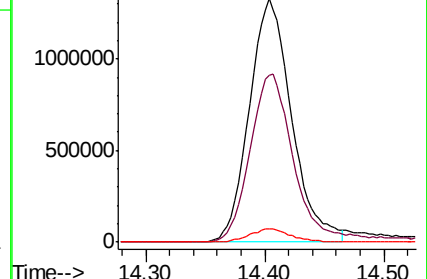
175 5.8 4.4 6.6

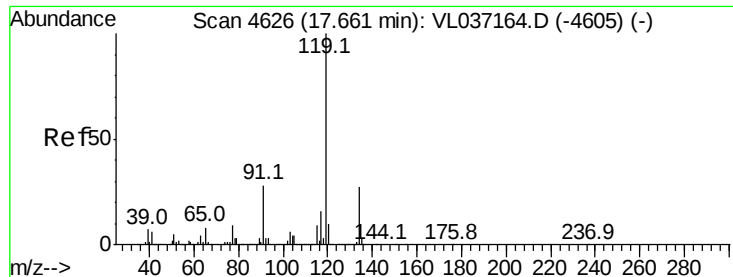


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

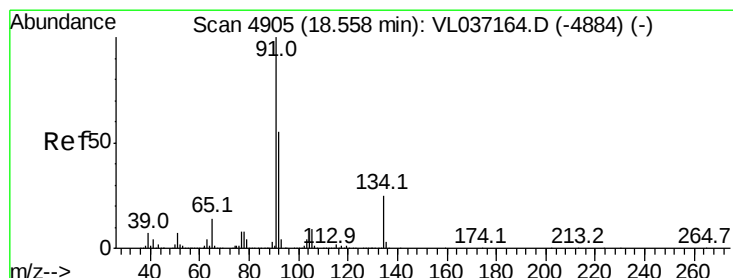
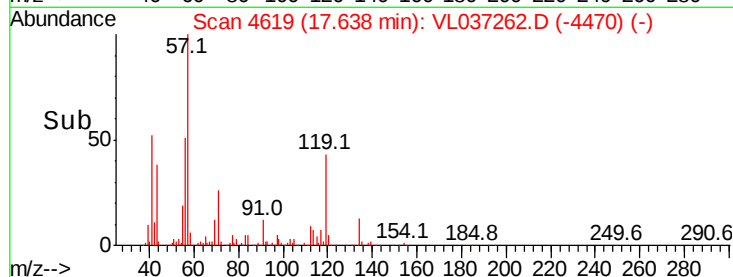
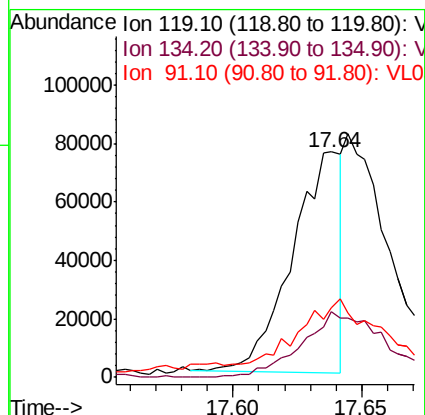
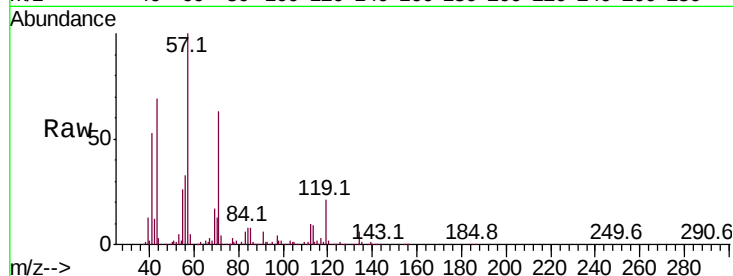




#69
 p-Isopropyltoluene
 Concen: 0.146 ppbv
 RT: 17.64 min Scan# 4619
 Delta R.T. -0.02 min
 Lab File: VL037262.D
 Acq: 29 Jun 2021 23:29

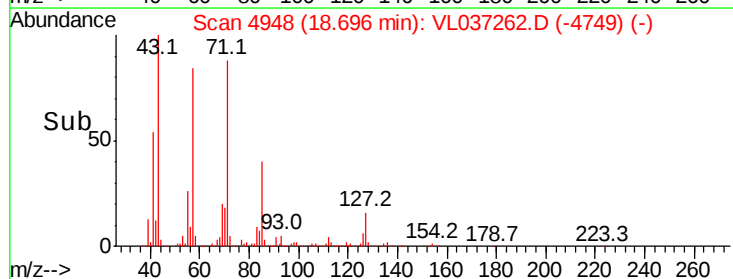
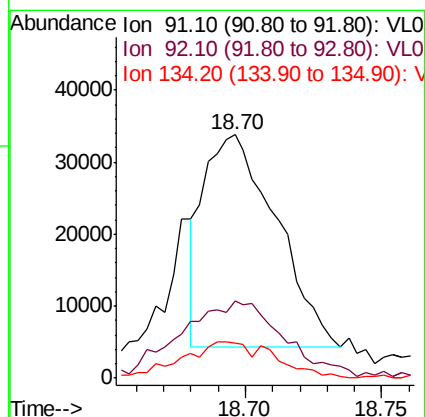
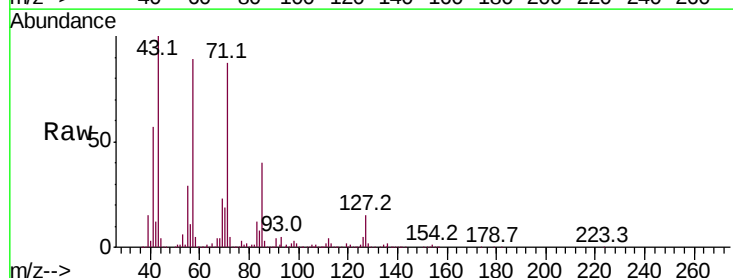
Instrument :
 MSVOA_L
 ClientSampleId :

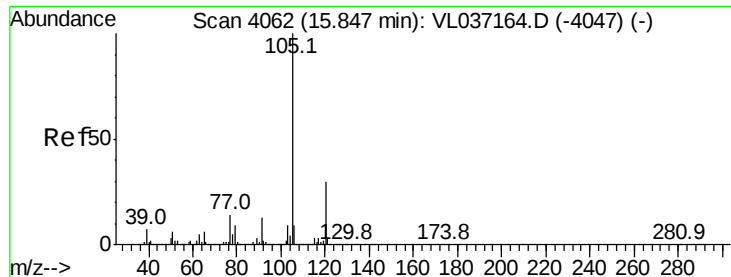
Tot Ion:119 Resp: 100243
 Ion Ratio Lower Upper
 119 100
 134 50.8 20.9 31.3#
 91 0.0 22.6 34.0#



#70
 n-Butylbenzene
 Concen: 0.085 ppbv
 RT: 18.70 min Scan# 4948
 Delta R.T. 0.14 min
 Lab File: VL037262.D
 Acq: 29 Jun 2021 23:29

Tgt Ion: 91 Resp: 54077
 Ion Ratio Lower Upper
 91 100
 92 55.6 44.0 66.0
 134 22.5 20.2 30.4





#72

4-Ethyltoluene

Concen: 0.038 ppbv

RT: 15.82 min Scan# 4054

Delta R.T. -0.03 min

Lab File: VL037262.D

Acq: 29 Jun 2021 23:29

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:105 Resp: 20943

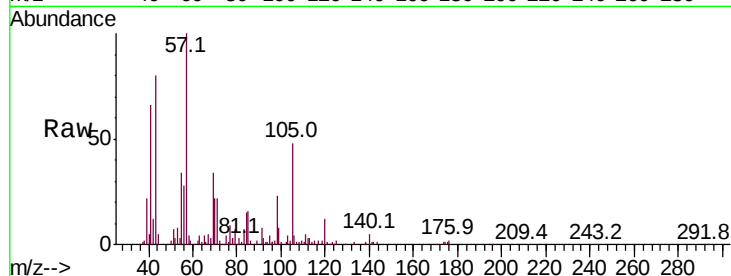
Ion Ratio Lower Upper

105 100

120 73.0 24.7 37.1#

91 34.9 10.2 15.4#

77 0.0 11.0 16.6#

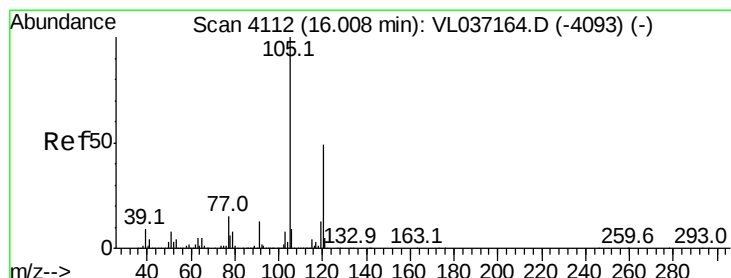
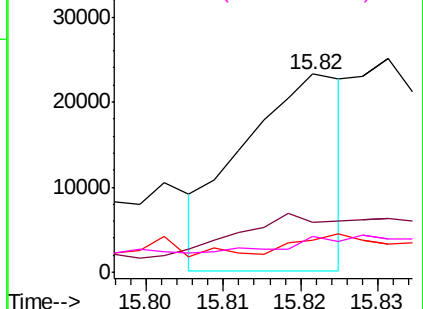
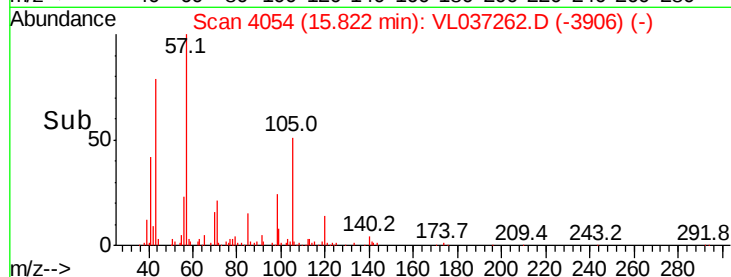


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.106 ppbv

RT: 15.99 min Scan# 4107

Delta R.T. -0.02 min

Lab File: VL037262.D

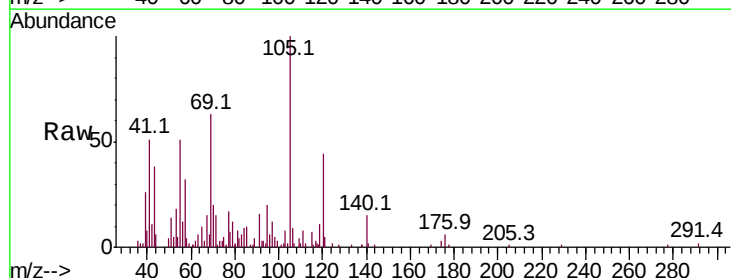
Acq: 29 Jun 2021 23:29

Tgt Ion:105 Resp: 56529

Ion Ratio Lower Upper

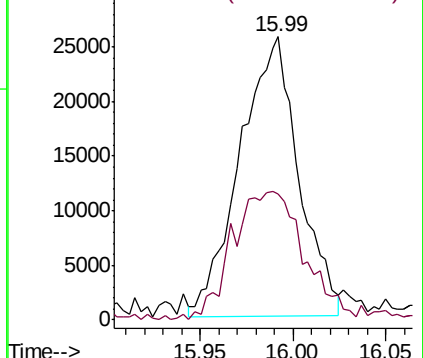
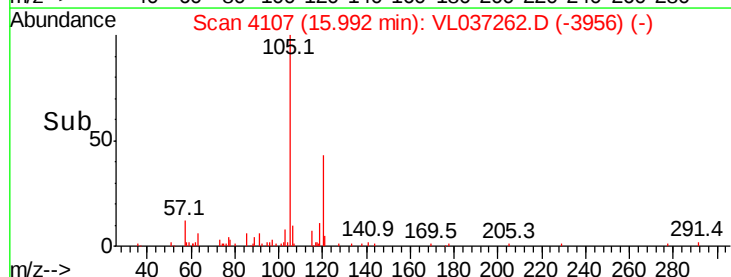
105 100

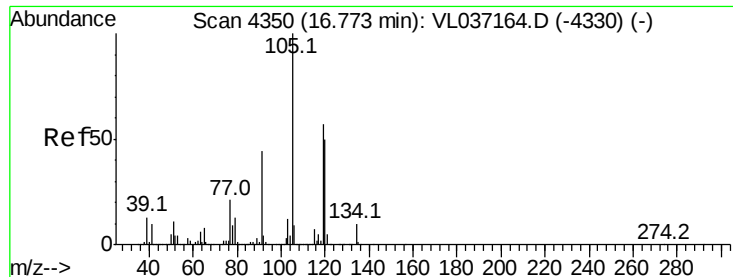
120 46.5 39.4 59.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74
 1,2,4-Trimethylbenzene
 Concen: 0.309 ppbv
 RT: 16.75 min Scan# 4343
 Delta R.T. -0.02 min
 Lab File: VL037262.D
 Acq: 29 Jun 2021 23:29

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:	105	Resp:	169040
Ion Ratio	Lower	Upper	
105	100		
120	37.8	39.8	59.8#
91	11.5	37.0	55.4#
77	12.3	17.0	25.4#

