

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090821\
 Data File : VL037585.D
 Acq On : 8 Sep 2021 23:57
 Operator : SY/AP
 Sample : M3663-04 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

Quant Time: Sep 09 09:14:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1641185	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4785550	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	4307720	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3244001	10.60	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

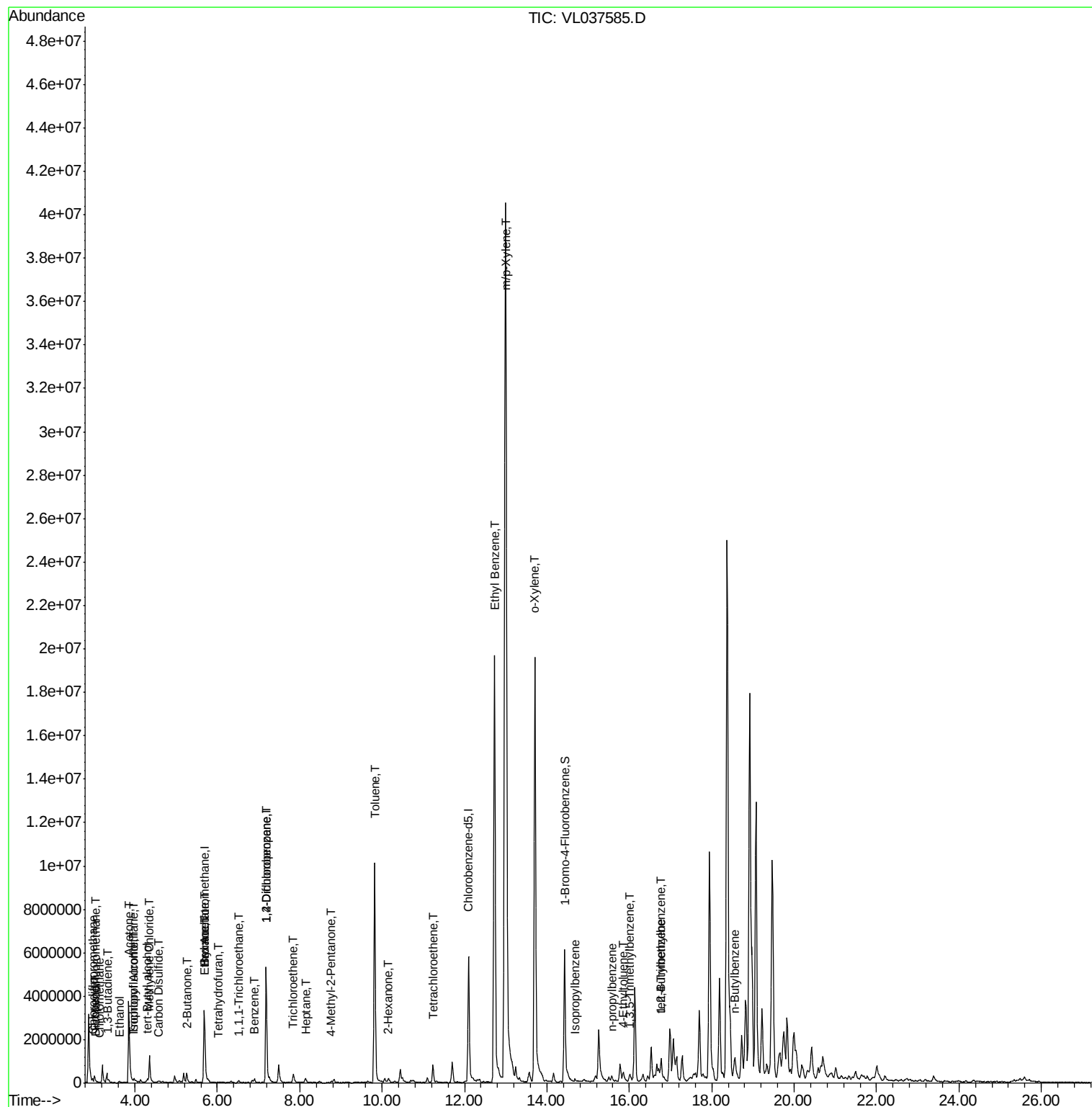
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	23249	0.088	ppbv #	69
3) Chlorodifluoromethane	2.97	51	157367	0.501	ppbv #	65
4) Chloromethane	3.14	50	4845	0.043	ppbv #	86
9) Propene	3.01	41	145323	1.292	ppbv	96
10) Heptane	8.14	43	34914	0.135	ppbv #	12
11) Trichlorofluoromethane	3.96	101	8131	0.033	ppbv	88
13) Ethanol	3.62	45	31398	2.870	ppbv #	1
15) Acetone	3.85	43	5028381	30.105	ppbv	99
16) 1,3-Butadiene	3.34	39	15758	0.147	ppbv #	10
17) tert-Butyl alcohol	4.30	59	177816	1.165	ppbv	96
19) Isopropyl Alcohol	3.98	45	170101	1.778	ppbv #	95
20) Methylene Chloride	4.35	84	478620	5.723	ppbv	93
25) Ethyl Acetate	5.70	43	448581	1.058	ppbv #	79
26) Hexane	5.69	57	588786	2.840	ppbv #	48
27) Carbon Disulfide	4.56	76	57885	0.313	ppbv #	96
32) 1,1,1-Trichloroethane	6.53	97	22664	0.079	ppbv #	7
34) 2-Butanone	5.26	43	562343	2.878	ppbv #	88
36) Benzene	6.90	78	88200	0.219	ppbv	94
38) Trichloroethene	7.85	130	123725	0.750	ppbv	93
39) 1,2-Dichloropropane	7.18	63	1114424	7.209	ppbv #	27
41) Tetrahydrofuran	6.02	42	3367	0.036	ppbv #	19
50) 4-Methyl-2-Pentanone	8.76	43	66803	0.262	ppbv	99
51) 2-Hexanone	10.15	43	141456	1.206	ppbv #	95
52) Tetrachloroethene	11.23	164	227313	1.379	ppbv	93
53) Toluene	9.82	91	9259479	20.158	ppbv	99
58) Ethyl Benzene	12.73	91	20083796	33.596	ppbv #	81
59) m/p-Xylene	13.00	91	36439026	70.313	ppbv #	70
60) o-Xylene	13.71	91	17294530	35.755	ppbv	94
62) Isopropylbenzene	14.68	105	68923	0.101	ppbv #	58
64) n-propylbenzene	15.58	120	25653	0.148	ppbv #	1
65) tert-Butylbenzene	16.78	119	98005	0.158	ppbv #	62
70) n-Butylbenzene	18.57	91	39282	0.058	ppbv #	1
72) 4-Ethyltoluene	15.85	105	336261	0.584	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	254195	0.475	ppbv	97
74) 1,2,4-Trimethylbenzene	16.77	105	846271	1.487	ppbv #	67

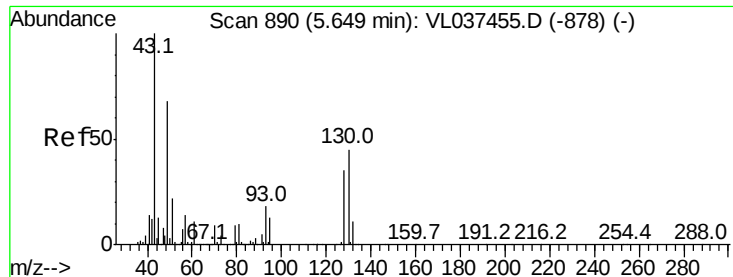
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL090821\
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QLast Update : Tue Aug 17 02:13:47 2021
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.03 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :

MSVOA_L

ClientSampleId :

SV-1

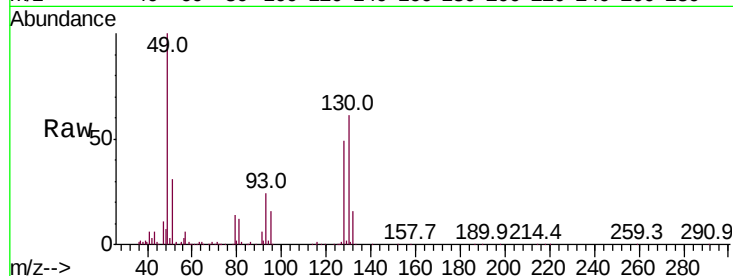
Tot Ion: 49 Resp: 1641185

Ion Ratio Lower Upper

49 100

128 51.0 27.5 82.4

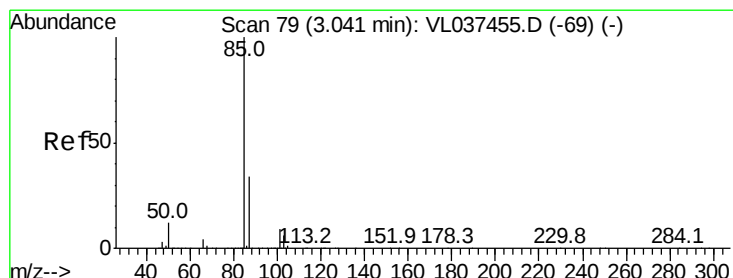
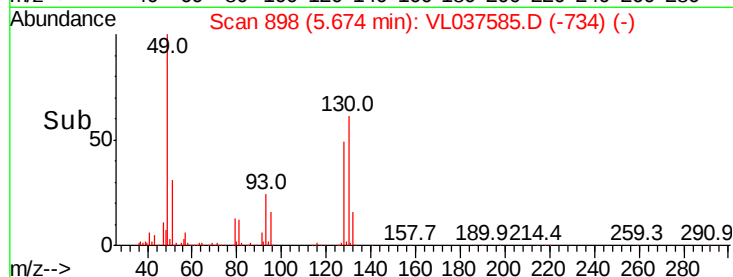
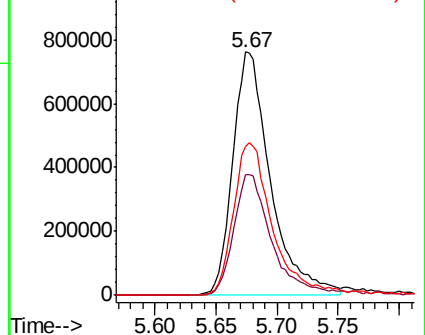
130 67.1 34.0 101.8



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: 0.088 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.02 min

Lab File: VL037585.D

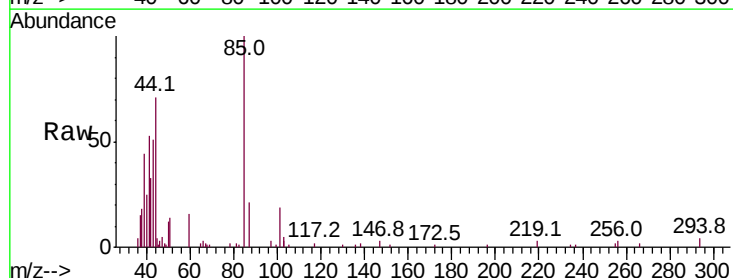
Acq: 8 Sep 2021 23:57

Tgt Ion: 85 Resp: 23249

Ion Ratio Lower Upper

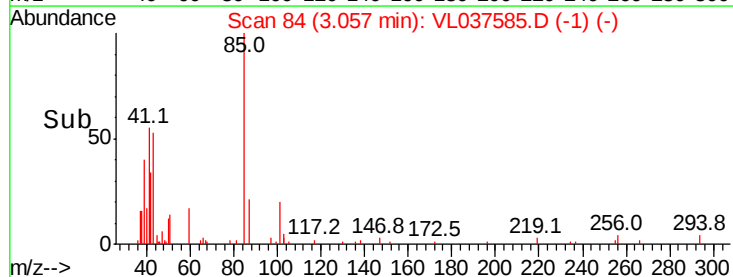
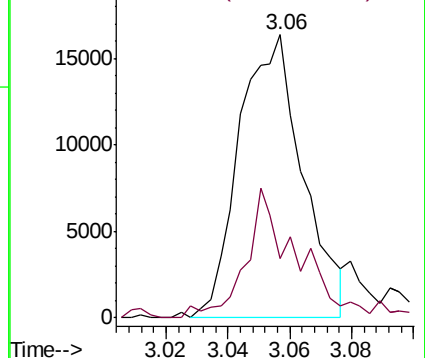
85 100

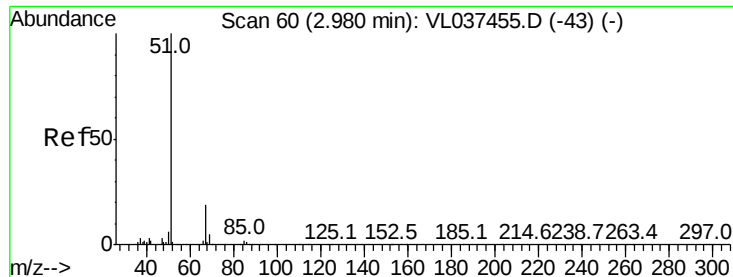
87 16.8 27.6 41.4#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

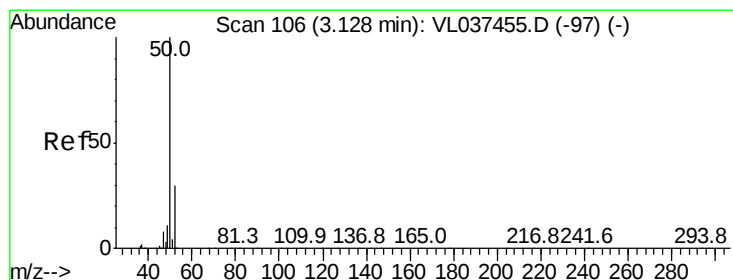
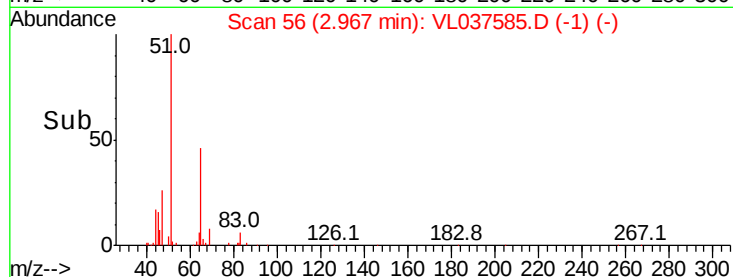
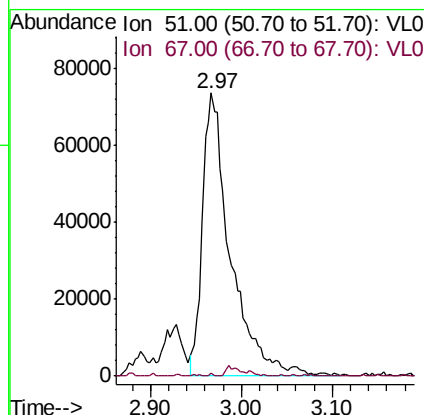
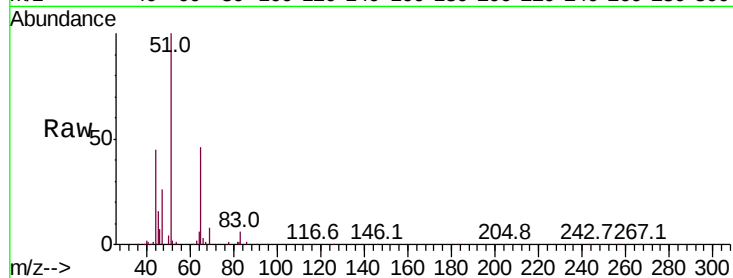




#3
Chlorodifluoromethane
Concen: 0.501 ppbv
RT: 2.97 min Scan# 56
Delta R.T. -0.01 min
Lab File: VL037585.D
Acq: 8 Sep 2021 23:57

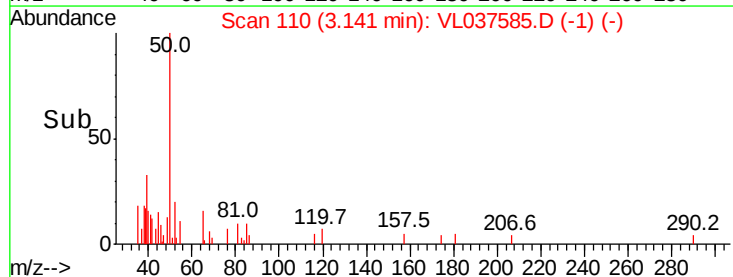
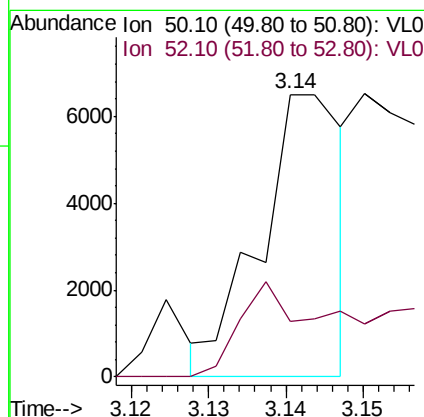
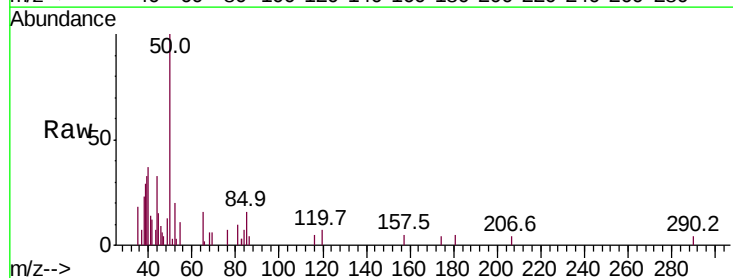
Instrument :
MSVOA_L
ClientSampleId :
SV-1

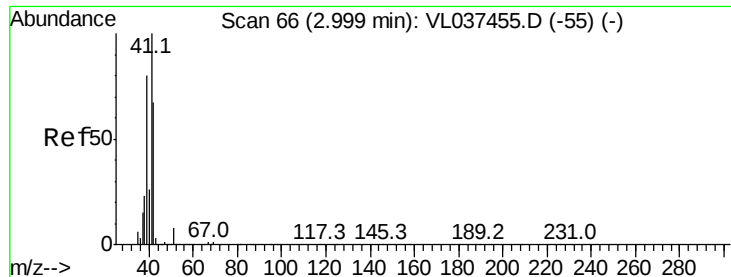
Tot Ion: 51 Resp: 157367
Ion Ratio Lower Upper
51 100
67 2.5 14.2 21.2#



#4
Chloromethane
Concen: 0.043 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.01 min
Lab File: VL037585.D
Acq: 8 Sep 2021 23:57

Tgt Ion: 50 Resp: 4845
Ion Ratio Lower Upper
50 100
52 22.3 24.0 36.0#





#9

Propene

Concen: 1.292 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :

MSVOA_L

ClientSampleId :

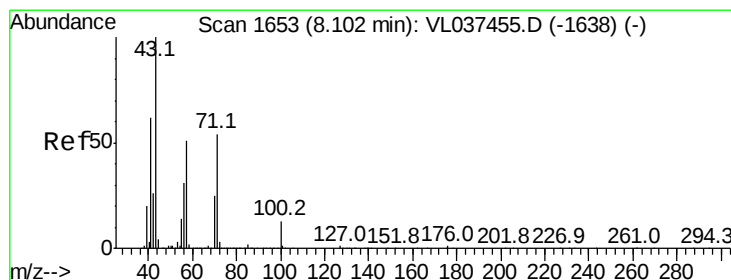
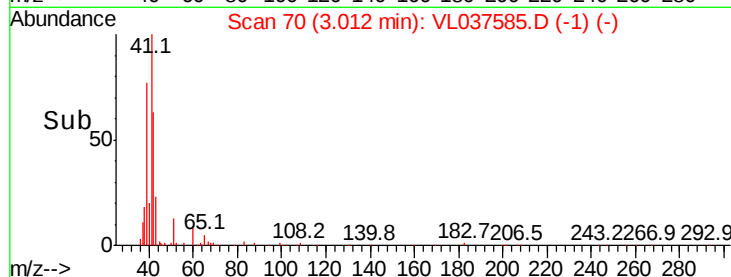
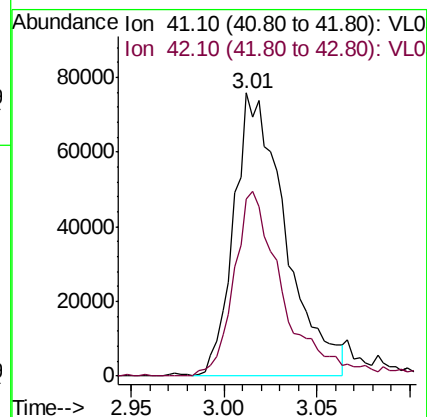
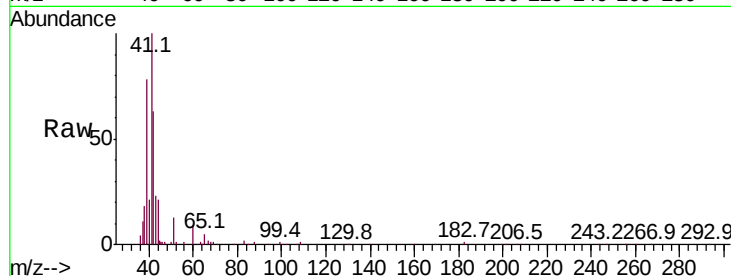
SV-1

Tot Ion: 41 Resp: 145323

Ion Ratio Lower Upper

41 100

42 63.6 53.7 80.5



#10

Heptane

Concen: 0.135 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.04 min

Lab File: VL037585.D

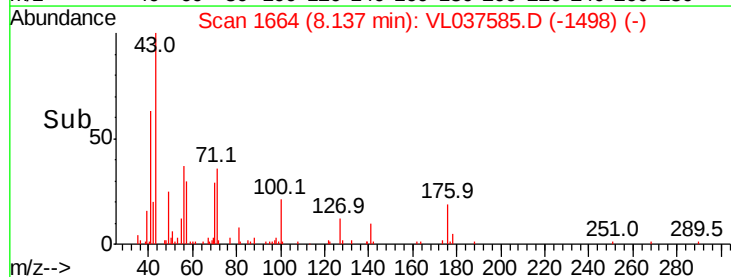
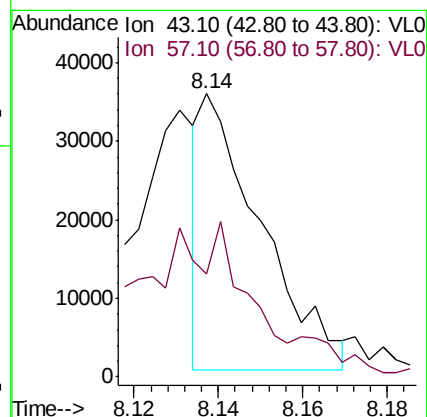
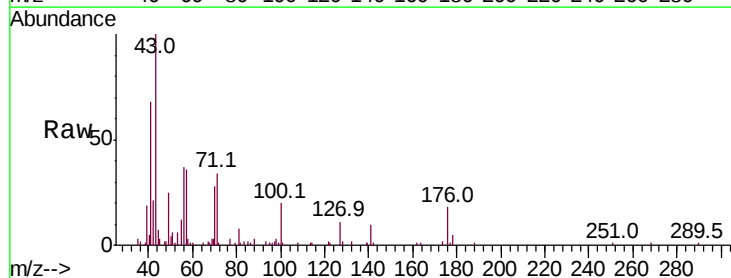
Acq: 8 Sep 2021 23:57

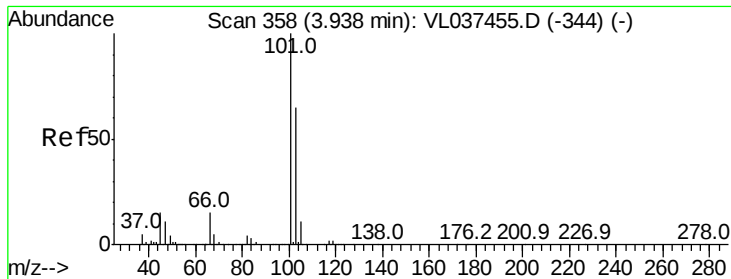
Tgt Ion: 43 Resp: 34914

Ion Ratio Lower Upper

43 100

57 112.6 41.0 61.6#

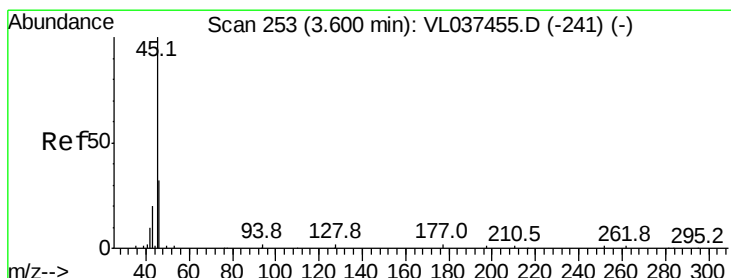
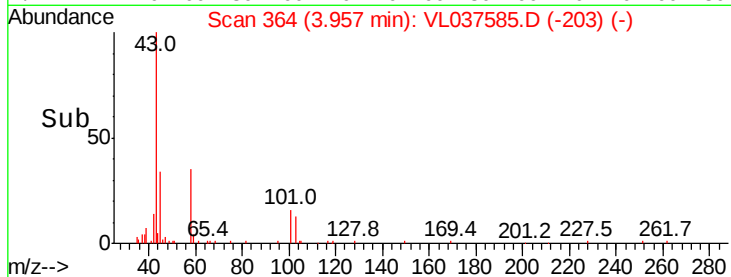
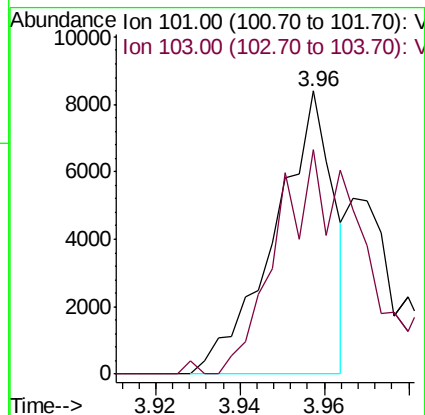
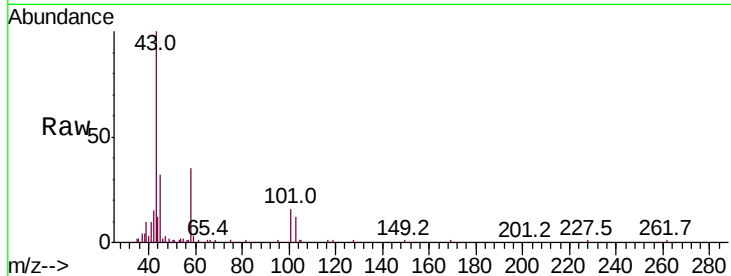




#11
 Trichlorofluoromethane
 Concen: 0.033 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. 0.02 min
 Lab File: VL037585.D
 Acq: 8 Sep 2021 23:57

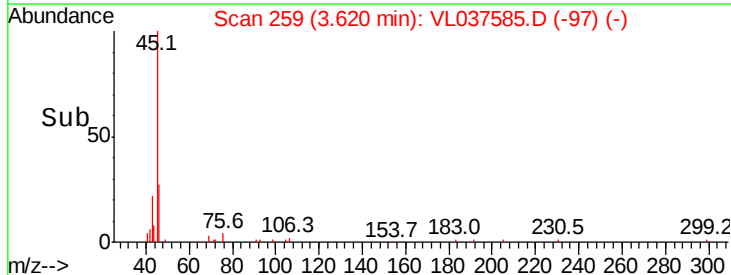
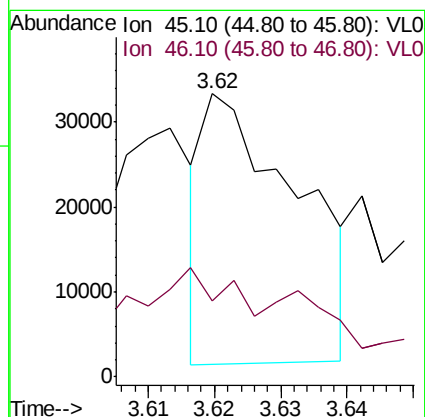
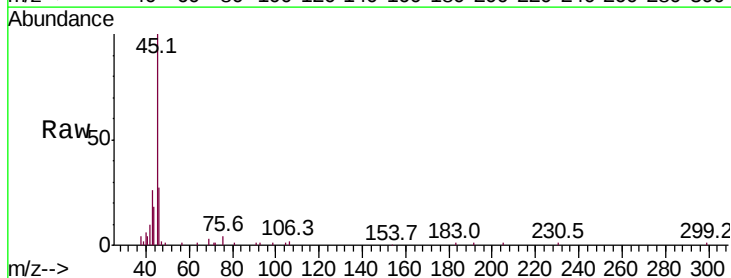
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

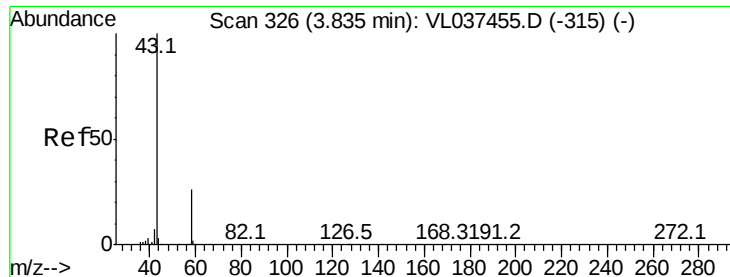
Tot Ion: 101 Resp: 8131
 Ion Ratio Lower Upper
 101 100
 103 74.4 51.8 77.6



#13
 Ethanol
 Concen: 2.870 ppbv
 RT: 3.62 min Scan# 259
 Delta R.T. 0.02 min
 Lab File: VL037585.D
 Acq: 8 Sep 2021 23:57

Tgt Ion: 45 Resp: 31398
 Ion Ratio Lower Upper
 45 100
 46 103.2 14.1 56.5#





#15

Acetone

Concen: 30.105 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.02 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :

MSVOA_L

ClientSampleId :

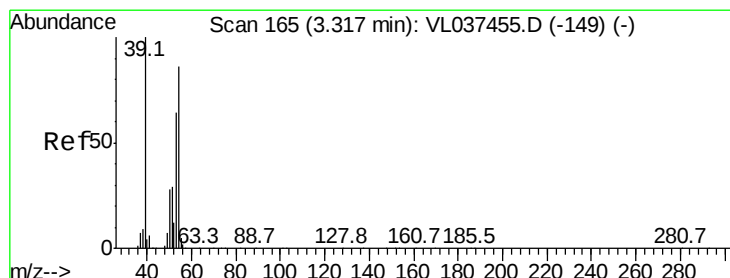
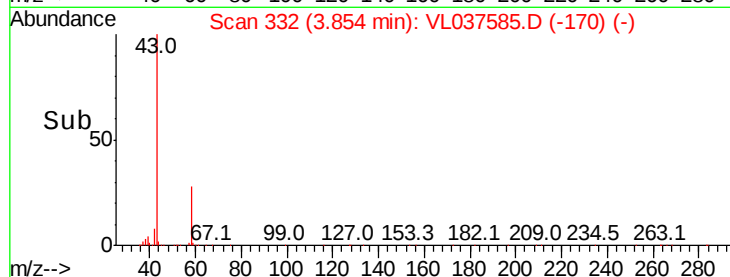
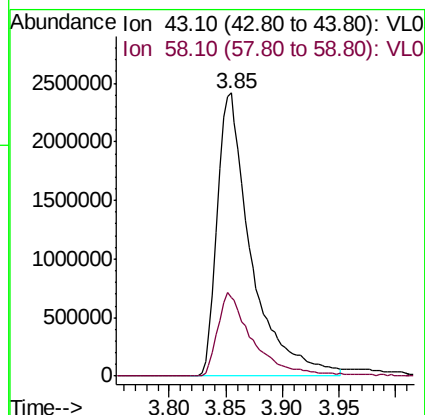
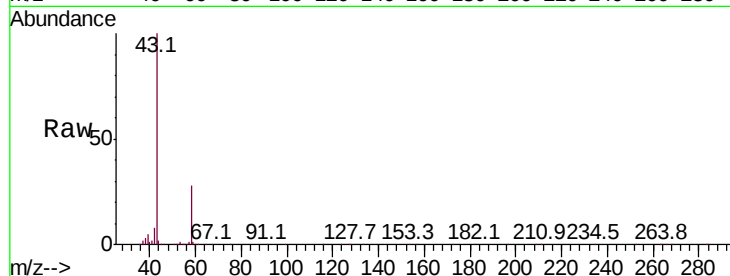
SV-1

Tot Ion: 43 Resp: 5028381

Ion Ratio Lower Upper

43 100

58 31.3 24.8 37.2



#16

1,3-Butadiene

Concen: 0.147 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.02 min

Lab File: VL037585.D

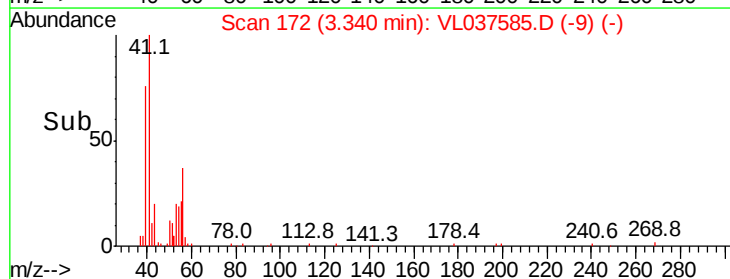
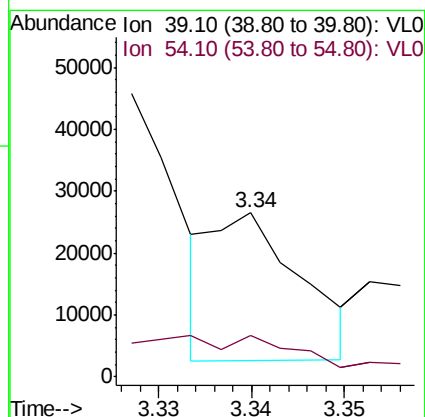
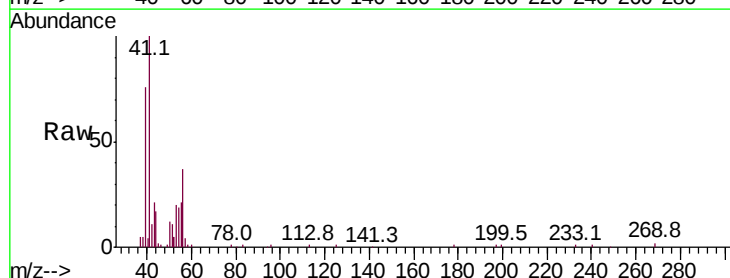
Acq: 8 Sep 2021 23:57

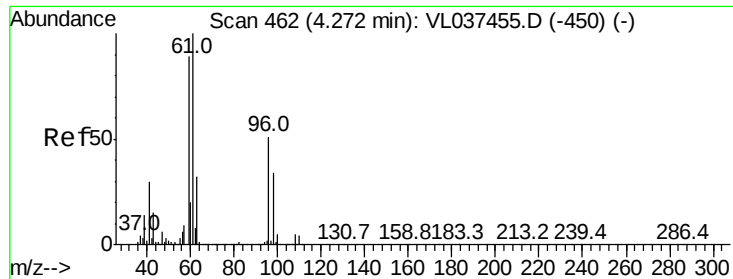
Tgt Ion: 39 Resp: 15758

Ion Ratio Lower Upper

39 100

54 0.0 63.7 95.5#

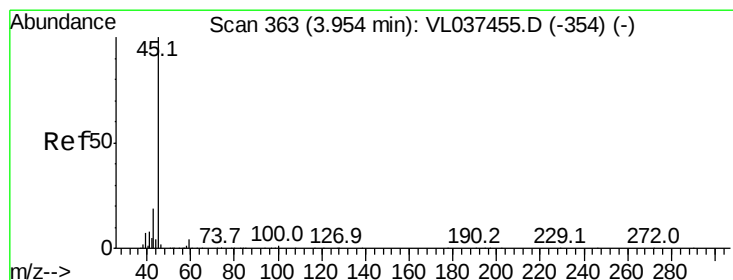
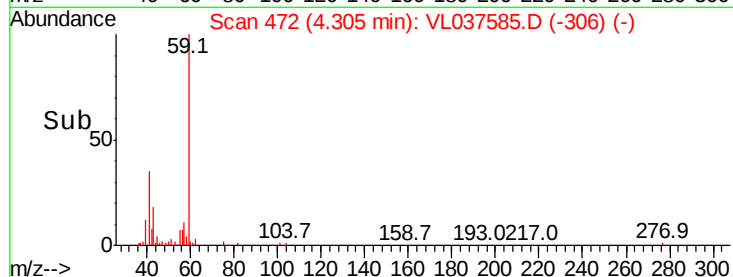
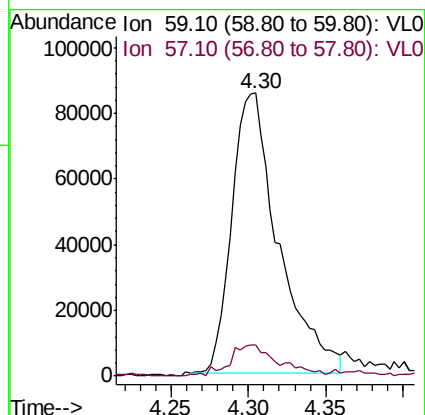
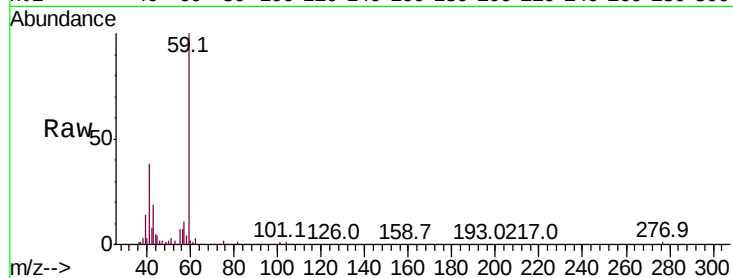




#17
tert-Butyl alcohol
Concen: 1.165 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.03 min
Lab File: VL037585.D
Acq: 8 Sep 2021 23:57

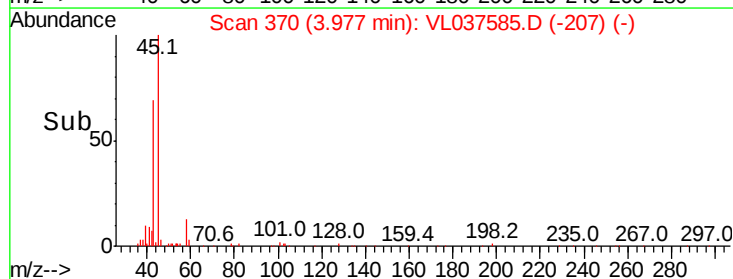
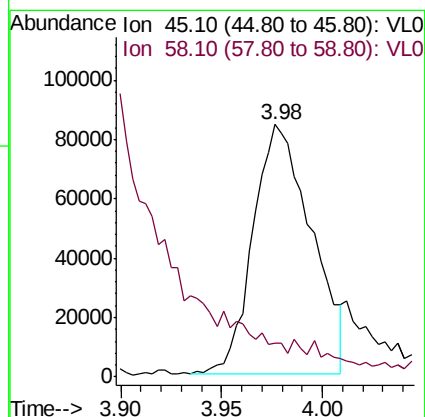
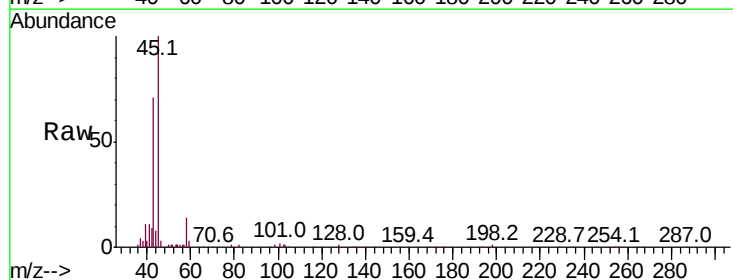
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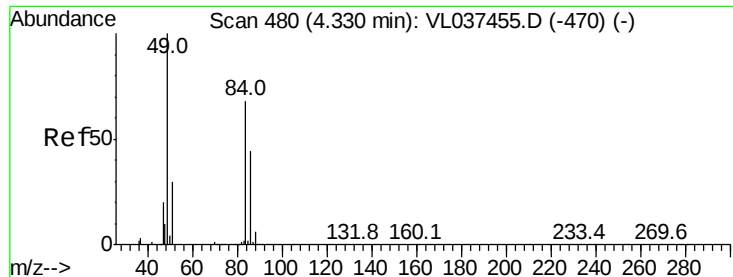
Tot Ion: 59 Resp: 177816
Ion Ratio Lower Upper
59 100
57 11.8 8.3 12.5



#19
Isopropyl Alcohol
Concen: 1.778 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.02 min
Lab File: VL037585.D
Acq: 8 Sep 2021 23:57

Tgt Ion: 45 Resp: 170101
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.2#

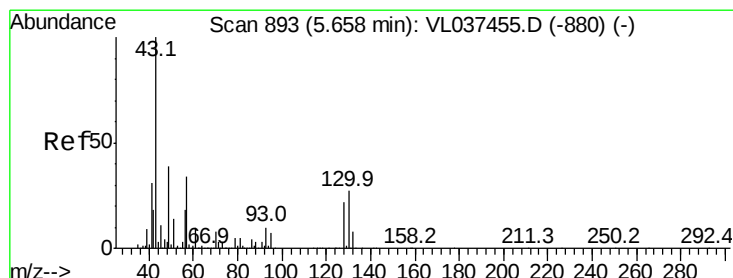
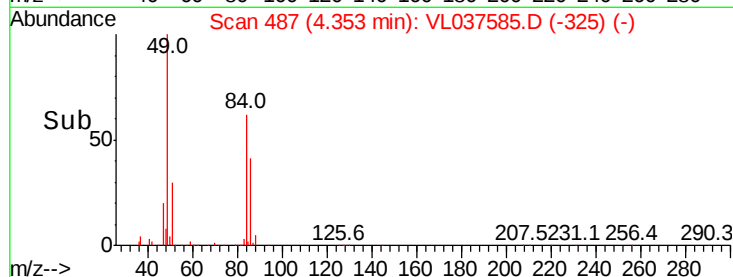
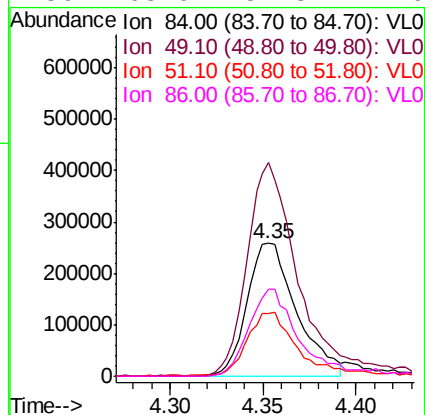
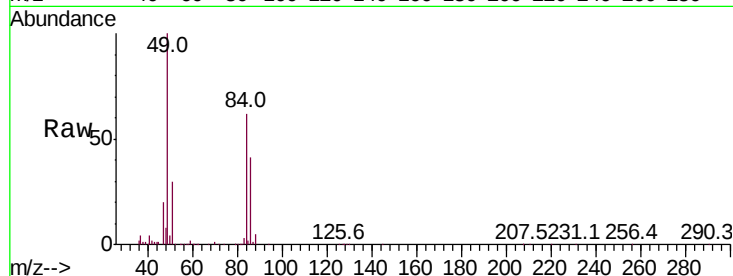




#20
Methvlene Chloride
Concen: 5.723 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.02 min
Lab File: VL037585.D
Acq: 8 Sep 2021 23:57

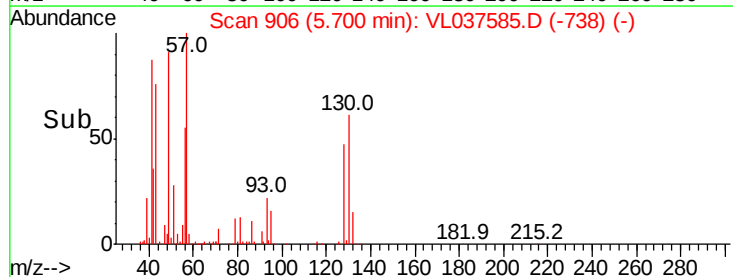
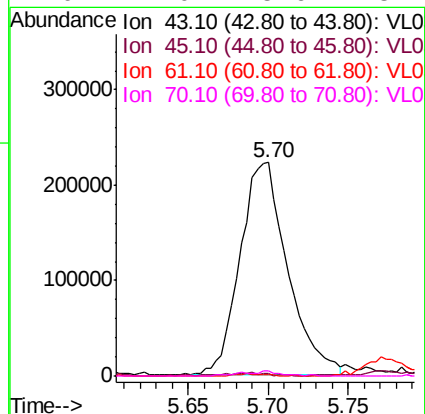
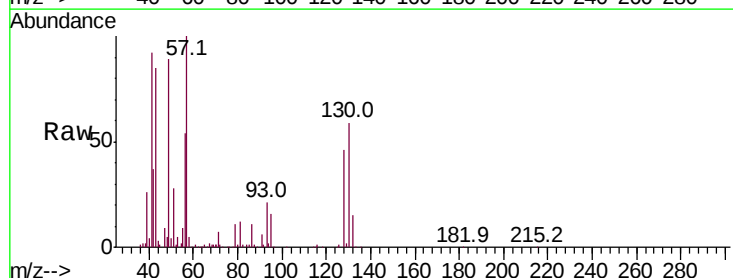
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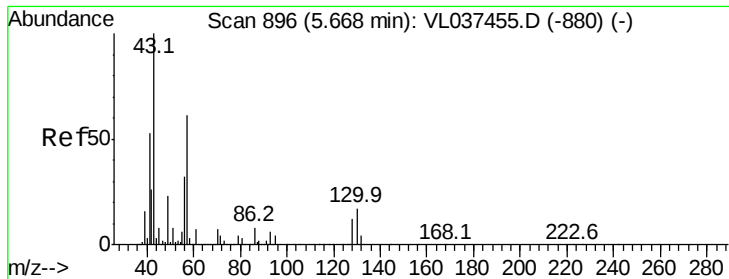
Tot Ion:	84	Resp:	478620
Ion	Ratio	Lower	Upper
84	100		
49	161.0	118.2	177.2
51	46.9	36.6	55.0
86	65.9	51.8	77.6



#25
Ethyl Acetate
Concen: 1.058 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.04 min
Lab File: VL037585.D
Acq: 8 Sep 2021 23:57

Tgt Ion:	43	Resp:	448581
Ion	Ratio	Lower	Upper
43	100		
45	1.7	8.0	12.0#
61	0.8	8.0	12.0#
70	2.0	5.6	8.4#

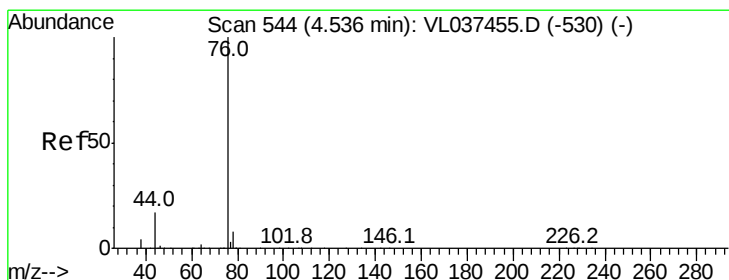
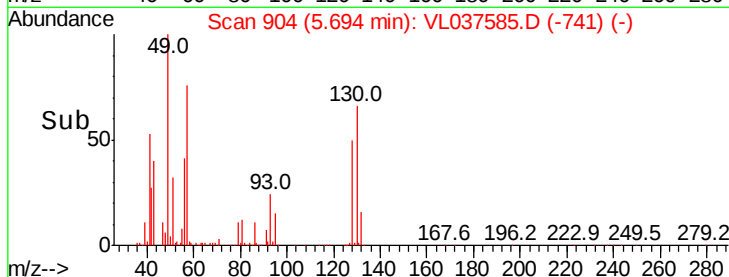
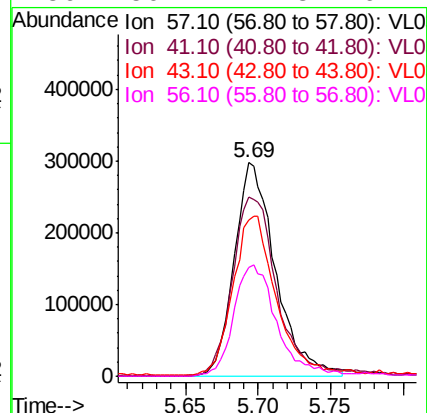
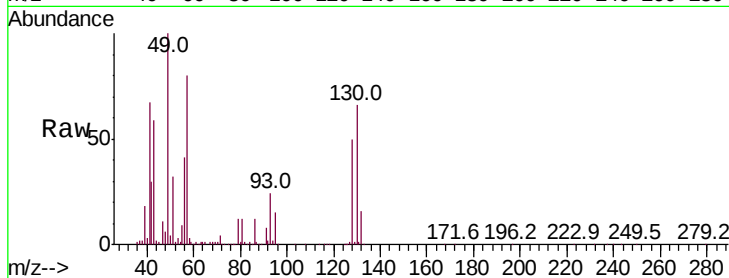




#26
Hexane
Concen: 2.840 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.03 min
Lab File: VL037585.D
Acq: 8 Sep 2021 23:57

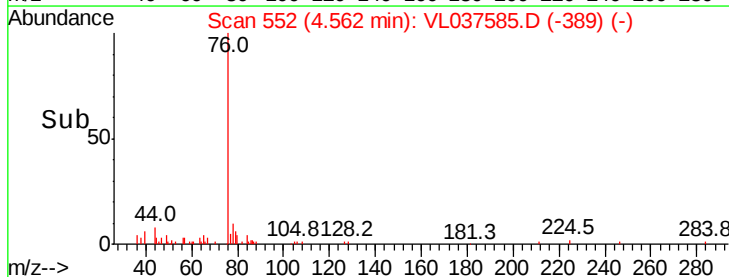
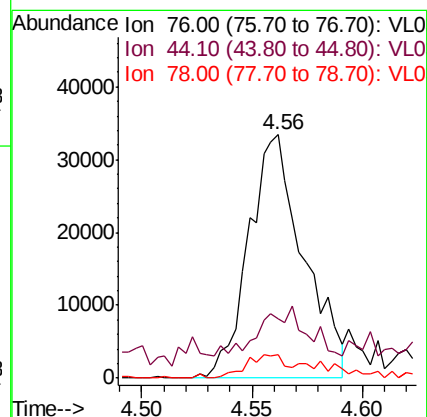
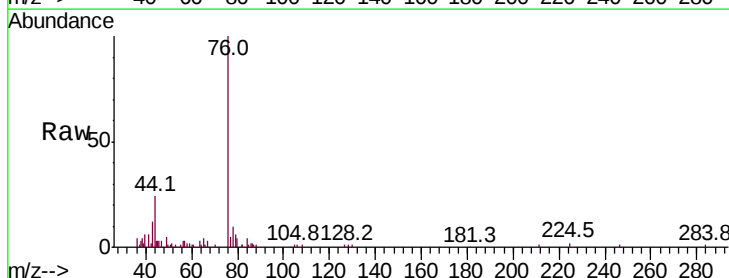
Instrument :
MSVOA_L
ClientSampleId :
SV-1

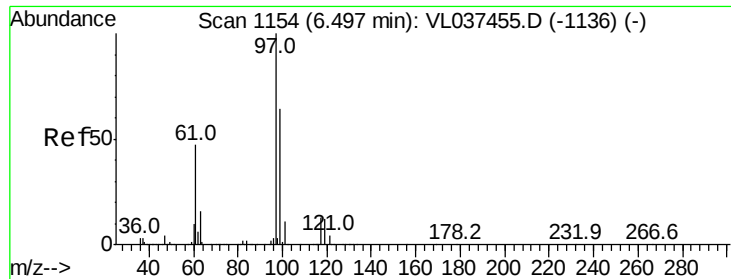
Tot Ion: 57 Resp: 588786
Ion Ratio Lower Upper
57 100
41 92.6 72.3 108.5
43 79.7 172.3 258.5#
56 56.1 42.8 64.2



#27
Carbon Disulfide
Concen: 0.313 ppbv
RT: 4.56 min Scan# 552
Delta R.T. 0.03 min
Lab File: VL037585.D
Acq: 8 Sep 2021 23:57

Tgt Ion: 76 Resp: 57885
Ion Ratio Lower Upper
76 100
44 19.1 13.9 20.9
78 11.9 7.9 11.9#





#32

1,1,1-Trichloroethane

Concen: 0.079 ppbv

RT: 6.53 min Scan# 1164

Delta R.T. 0.03 min

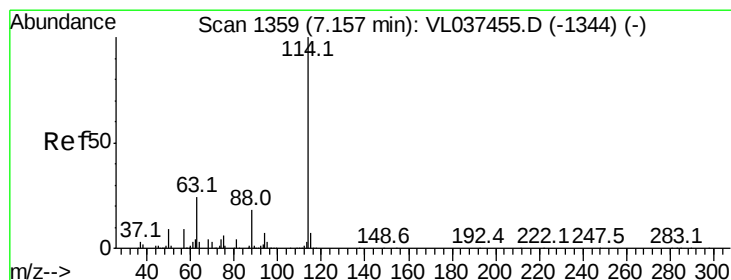
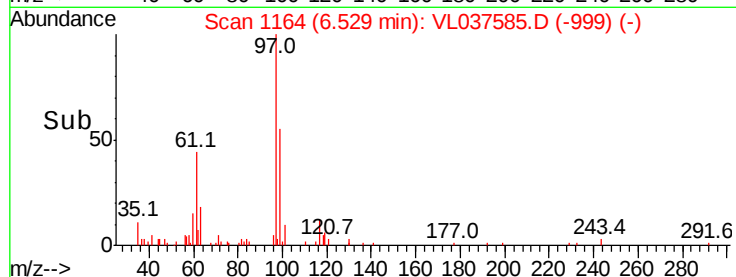
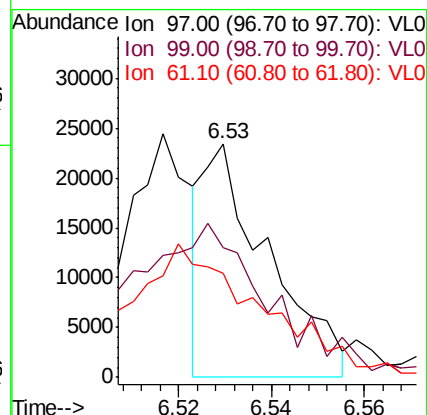
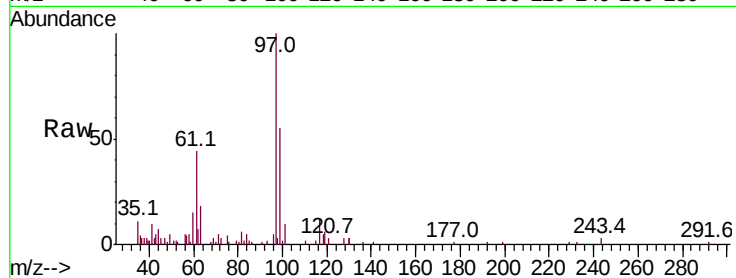
Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tot Ion: 97 Resp: 22664

Ion	Ratio	Lower	Upper
97	100		
99	151.1	51.8	77.6#
61	0.0	39.6	59.4#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

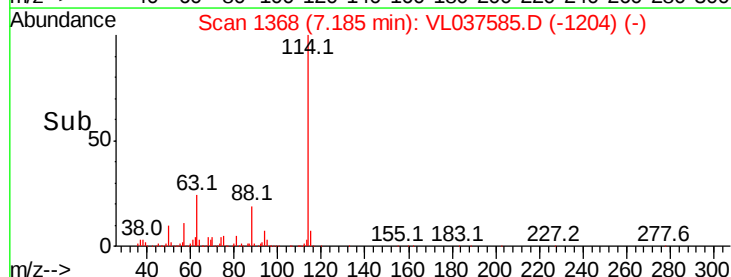
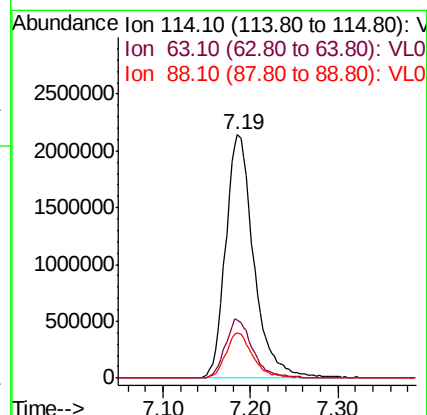
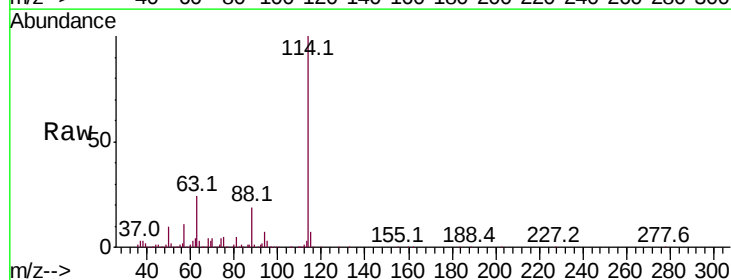
Delta R.T. 0.03 min

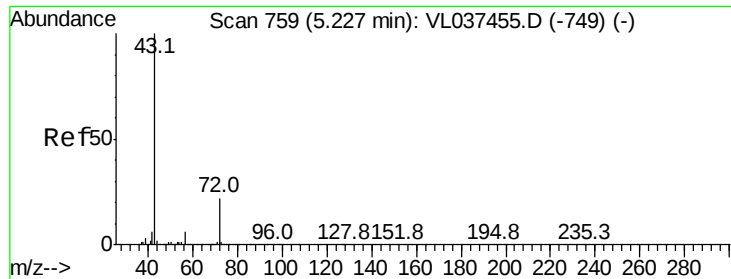
Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Tgt Ion: 114 Resp: 4785550

Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.3	28.9
88	18.0	14.2	21.4

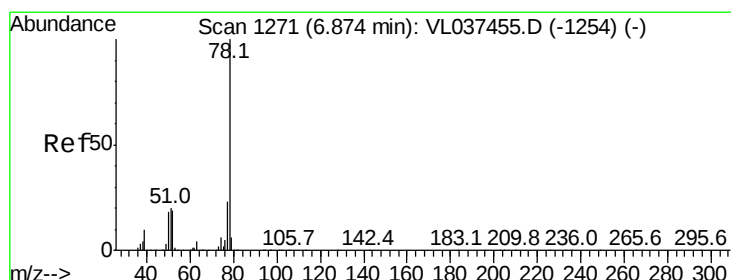
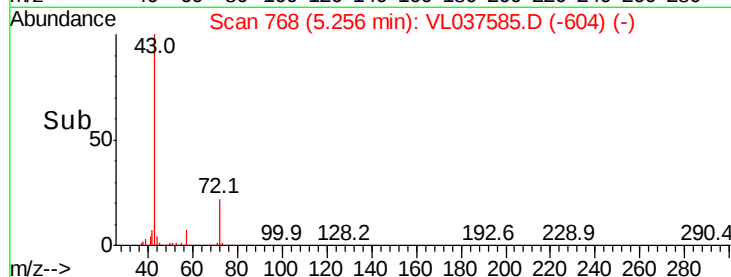
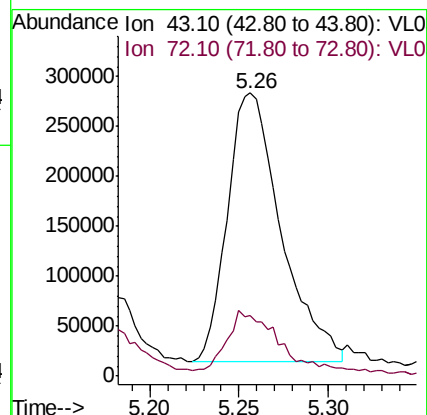
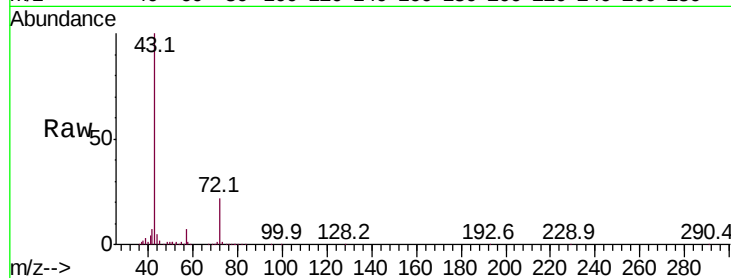




#34
2-Butanone
Concen: 2.878 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.03 min
Lab File: VL037585.D
Acq: 8 Sep 2021 23:57

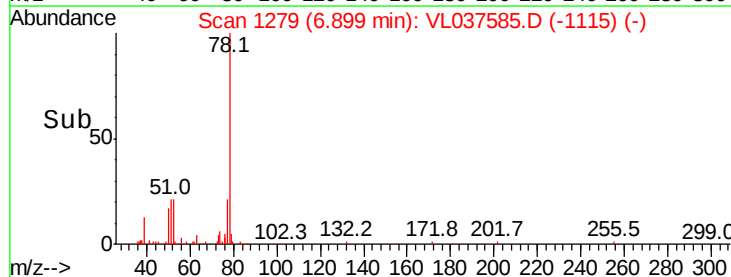
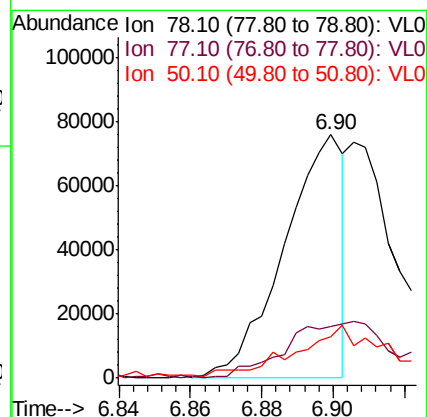
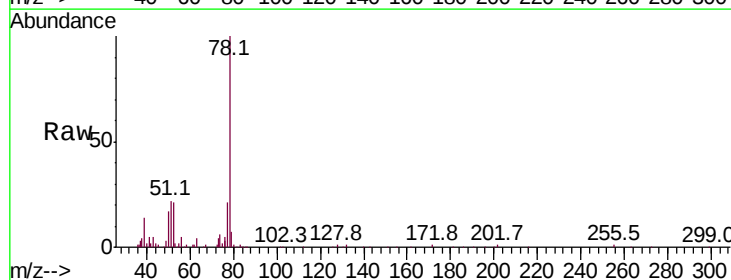
Instrument :
MSVOA_L
ClientSampleId :
SV-1

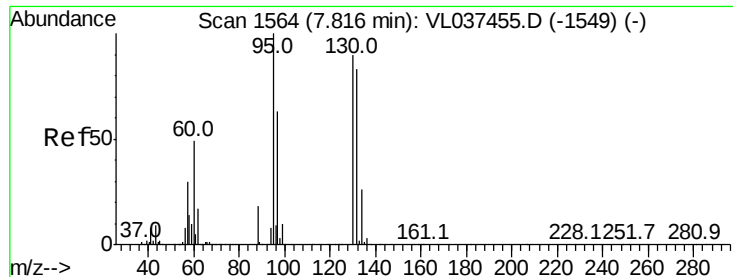
Tot Ion: 43 Resp: 562343
Ion Ratio Lower Upper
43 100
72 27.3 17.4 26.0#



#36
Benzene
Concen: 0.219 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.03 min
Lab File: VL037585.D
Acq: 8 Sep 2021 23:57

Tgt Ion: 78 Resp: 88200
Ion Ratio Lower Upper
78 100
77 20.2 18.2 27.4
50 15.4 14.6 21.8





#38

Trichloroethene

Concen: 0.750 ppbv

RT: 7.85 min Scan# 1574

Delta R.T. 0.03 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :

MSVOA_L

ClientSampled :

SV-1

Tot Ion:130 Resp: 123725

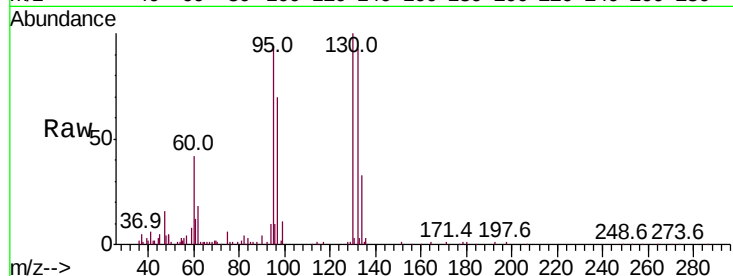
Ion Ratio Lower Upper

130 100

95 94.8 89.2 133.8

132 93.9 74.0 111.0

97 69.7 56.6 84.8

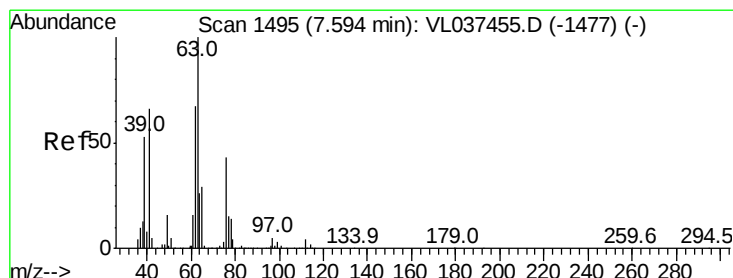
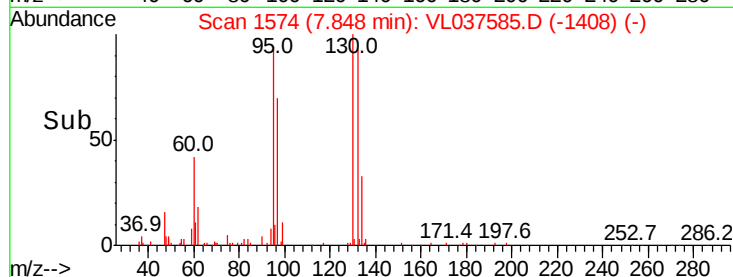
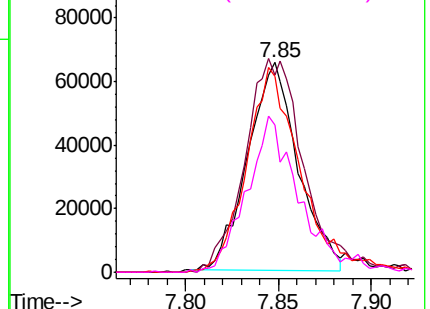


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 7.209 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.41 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

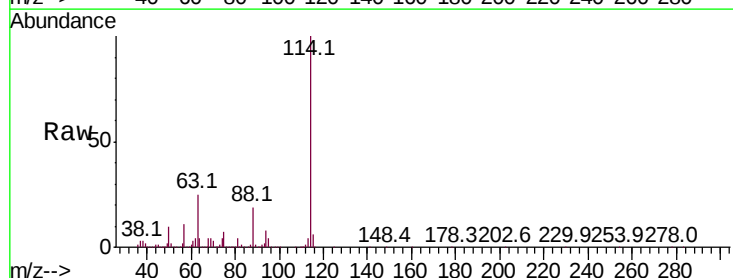
Tgt Ion: 63 Resp: 1114424

Ion Ratio Lower Upper

63 100

41 0.0 52.4 78.6#

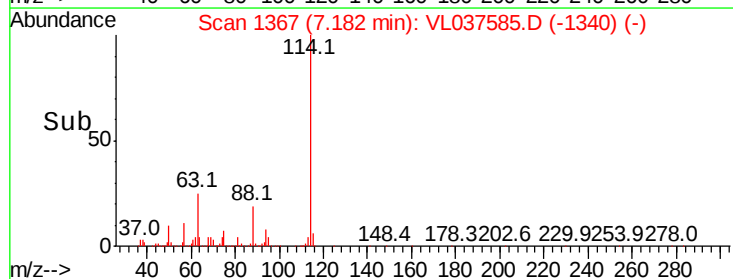
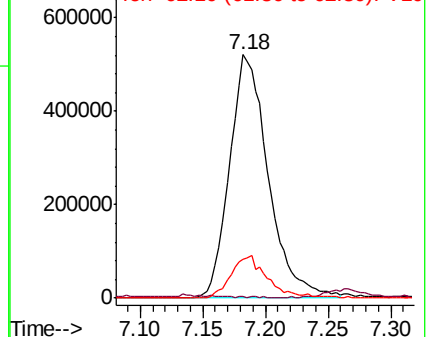
62 15.6 53.6 80.4#

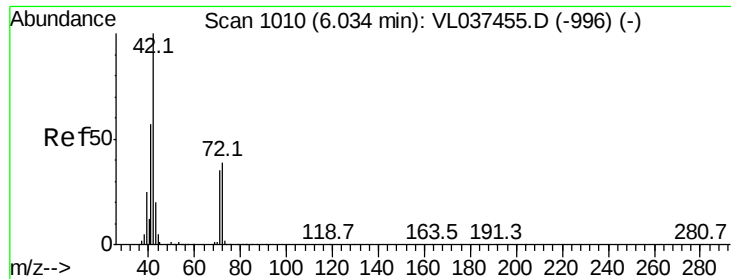


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 0.036 ppbv

RT: 6.02 min Scan# 1007

Delta R.T. -0.01 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :

MSVOA_L

ClientSampleId :

SV-1

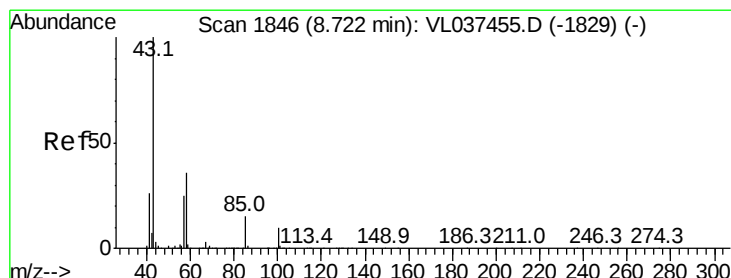
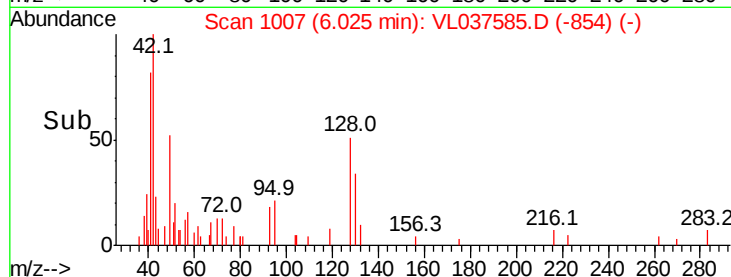
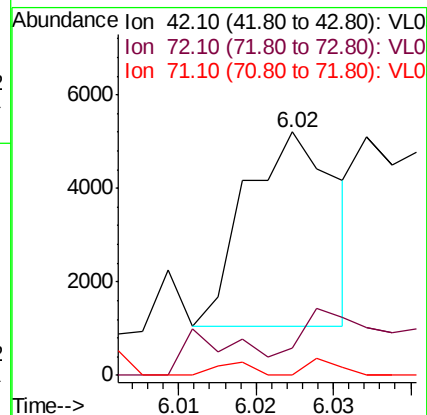
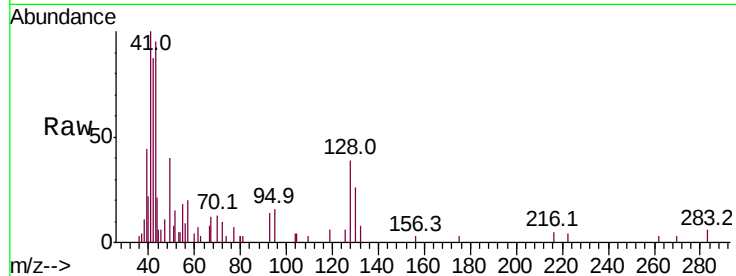
Tot Ion: 42 Resp: 3367

Ion Ratio Lower Upper

42 100

72 101.6 32.2 48.4#

71 0.0 30.5 45.7#



#50

4-Methyl-2-Pentanone

Concen: 0.262 ppbv

RT: 8.76 min Scan# 1859

Delta R.T. 0.04 min

Lab File: VL037585.D

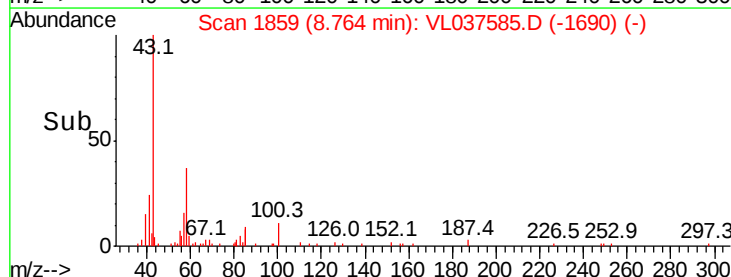
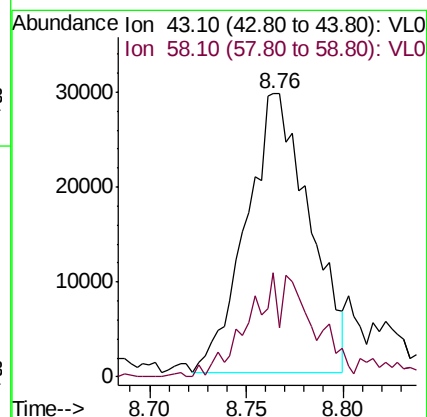
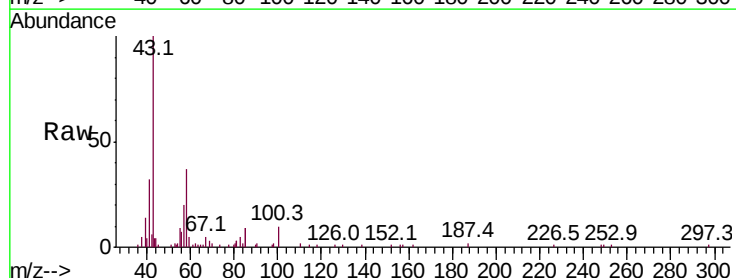
Acq: 8 Sep 2021 23:57

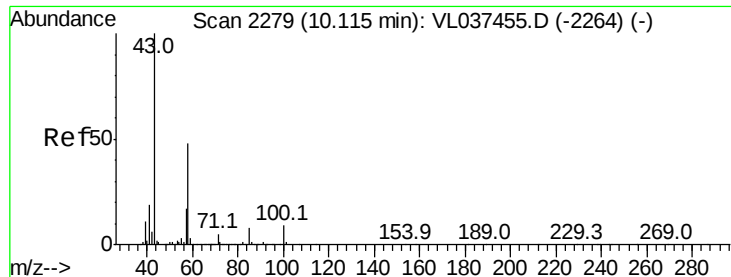
Tgt Ion: 43 Resp: 66803

Ion Ratio Lower Upper

43 100

58 36.5 29.9 44.9





#51

2-Hexanone

Concen: 1.206 ppbv

RT: 10.15 min Scan# 2291

Delta R.T. 0.04 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :

MSVOA_L

ClientSampleId :

SV-1

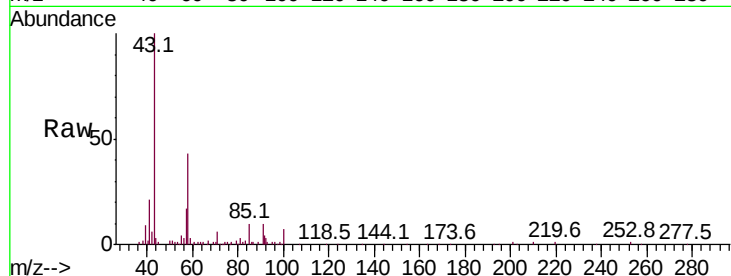
Tot Ion: 43 Resp: 141456

Ion Ratio Lower Upper

43 100

58 54.8 41.0 61.6

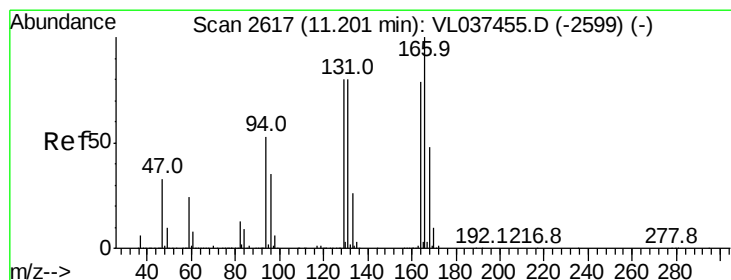
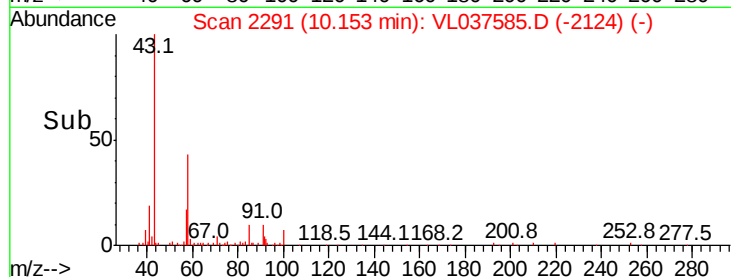
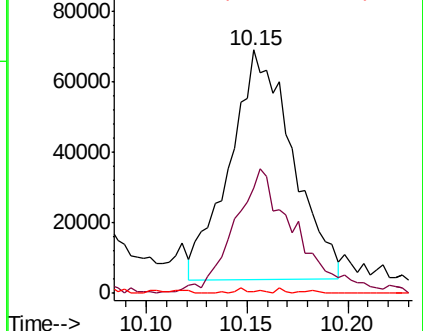
98 1.3 0.3 0.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 1.379 ppbv

RT: 11.23 min Scan# 2627

Delta R.T. 0.03 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Tgt Ion: 164 Resp: 227313

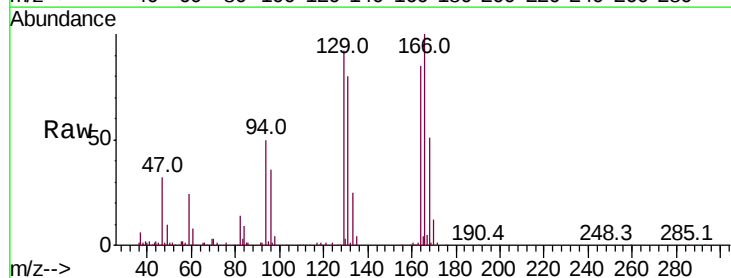
Ion Ratio Lower Upper

164 100

166 117.5 100.7 151.1

129 107.8 80.9 121.3

131 94.2 80.2 120.4

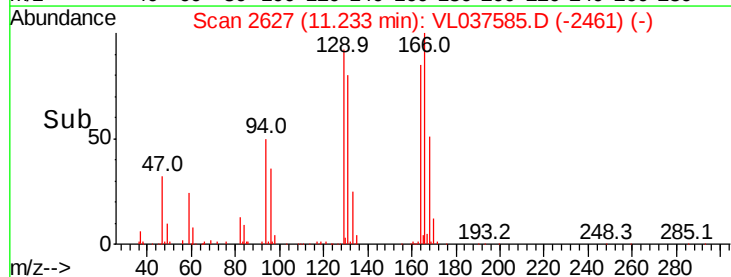
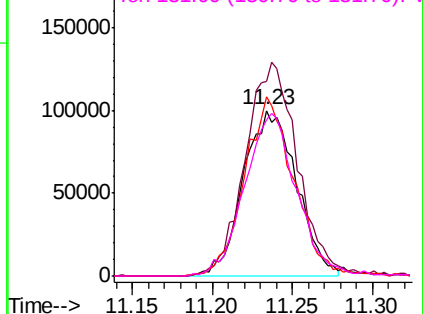


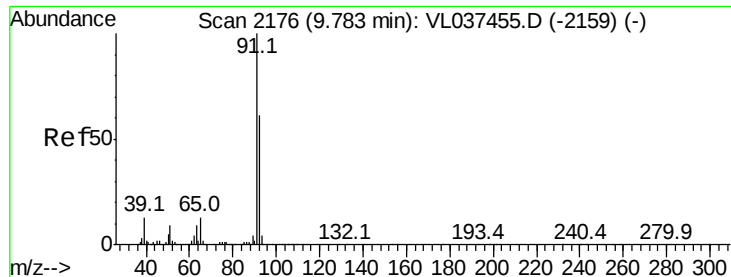
Abundance Ion 163.90 (163.60 to 164.60): V

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: 20.158 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. 0.04 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :

MSVOA_L

ClientSampleId :

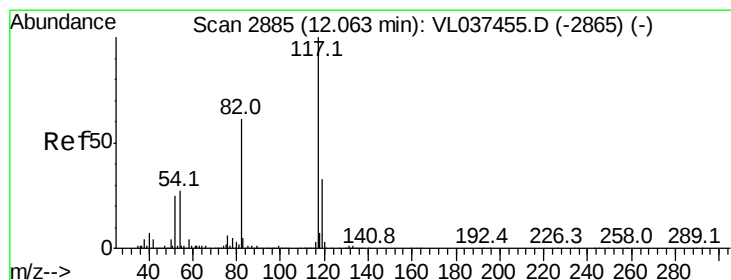
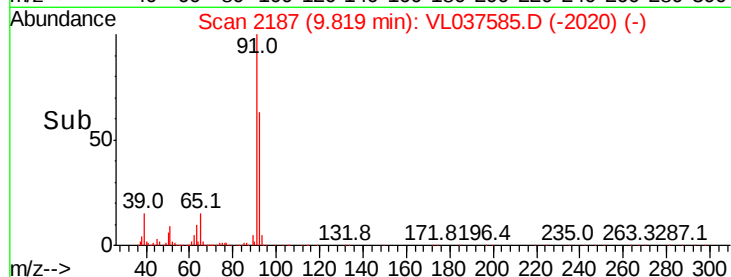
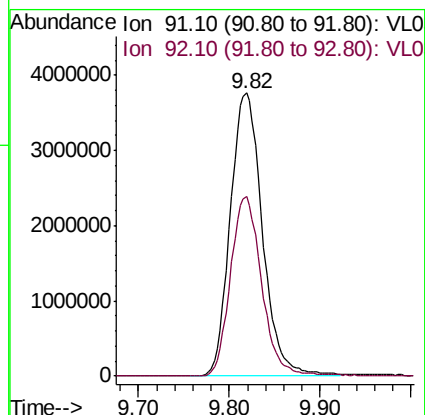
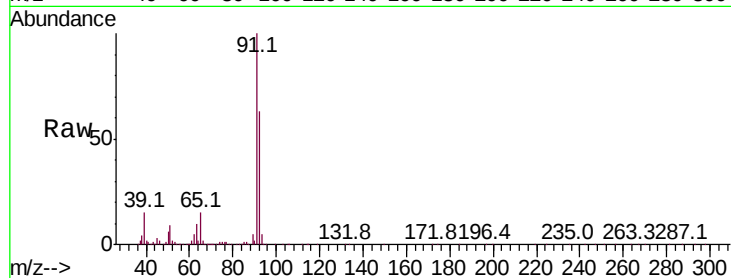
SV-1

Tot Ion: 91 Resp: 9259479

Ion Ratio Lower Upper

91 100

92 61.8 48.8 73.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2896

Delta R.T. 0.04 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

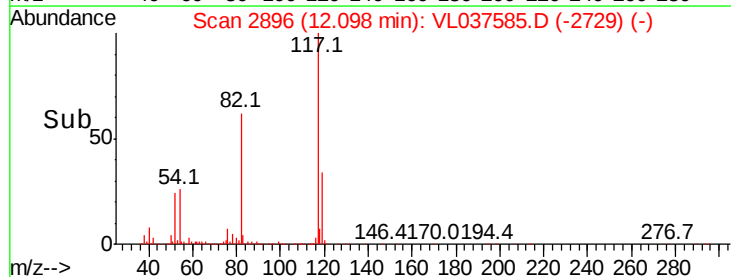
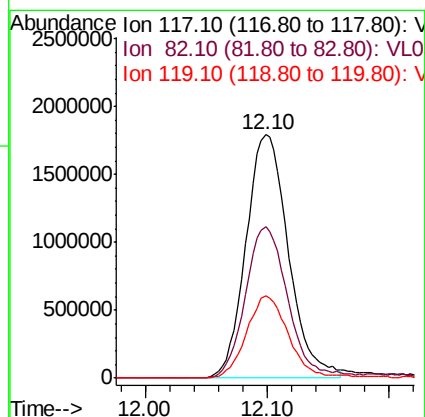
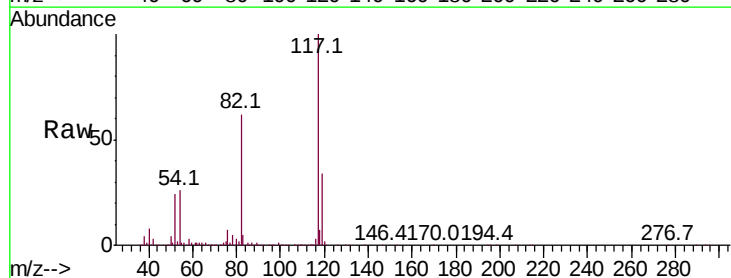
Tgt Ion: 117 Resp: 4307720

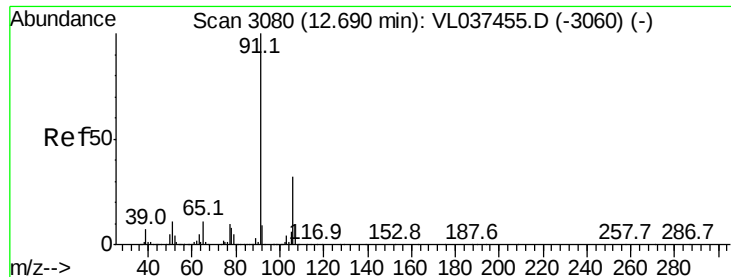
Ion Ratio Lower Upper

117 100

82 62.5 52.9 79.3

119 34.0 24.8 37.2





#58

Ethyl Benzene

Concen: 33.596 ppbv

RT: 12.73 min Scan# 3092

Delta R.T. 0.04 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :

MSVOA_L

ClientSampled :

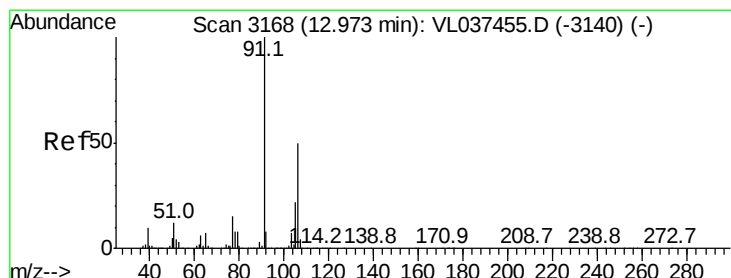
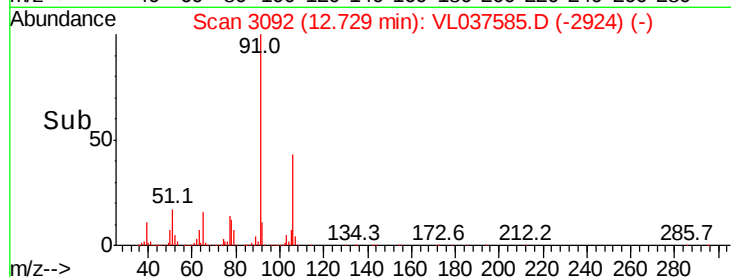
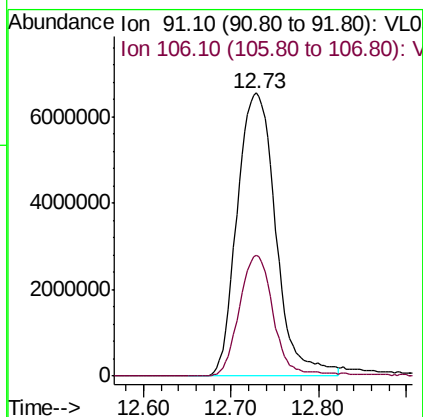
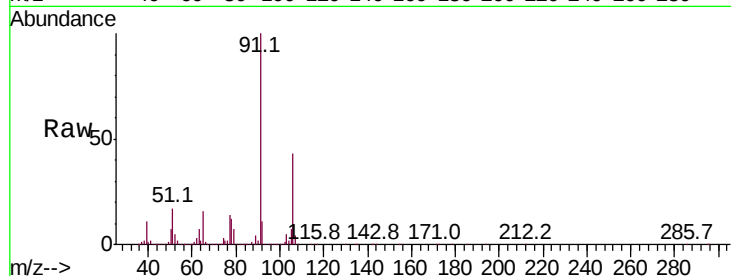
SV-1

Tot Ion: 91 Resp:20083796

Ion Ratio Lower Upper

91 100

106 42.6 25.7 38.5#



#59

m/p-Xylene

Concen: 70.313 ppbv

RT: 13.00 min Scan# 3176

Delta R.T. 0.03 min

Lab File: VL037585.D

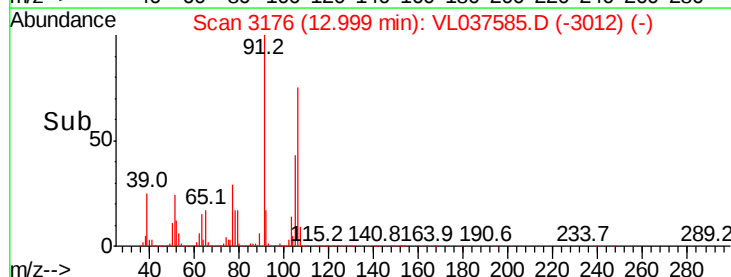
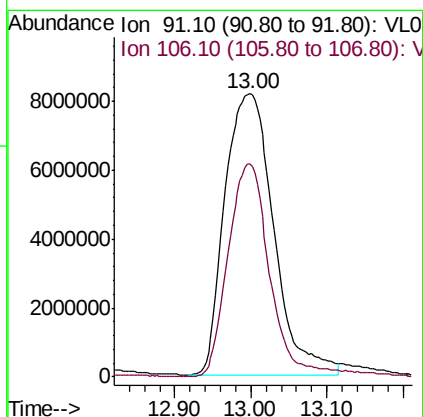
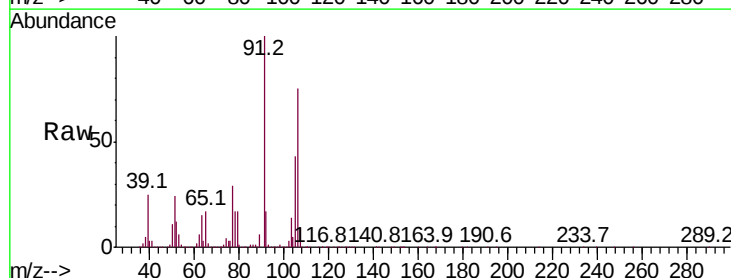
Acq: 8 Sep 2021 23:57

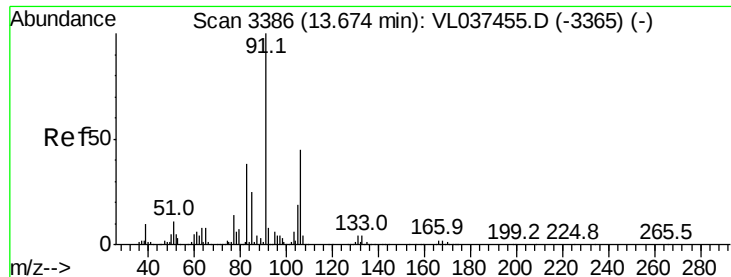
Tgt Ion: 91 Resp:36439026

Ion Ratio Lower Upper

91 100

106 66.1 36.9 55.3#





#60

o-Xylene

Concen: 35.755 ppbv

RT: 13.71 min Scan# 3397

Delta R.T. 0.04 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :

MSVOA_L

ClientSampled :

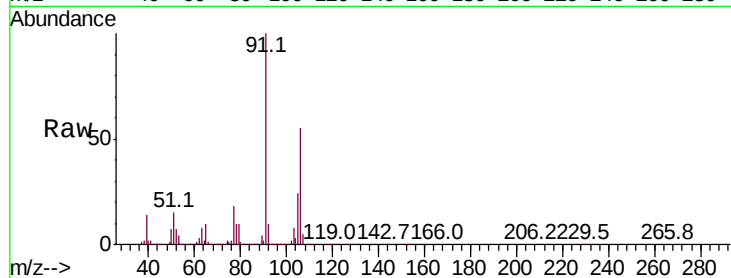
SV-1

Tot Ion: 91 Resp: 17294530

Ion Ratio Lower Upper

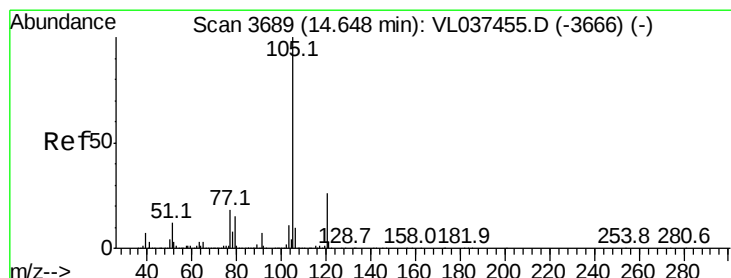
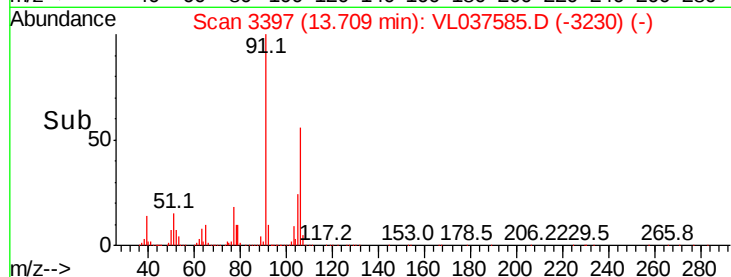
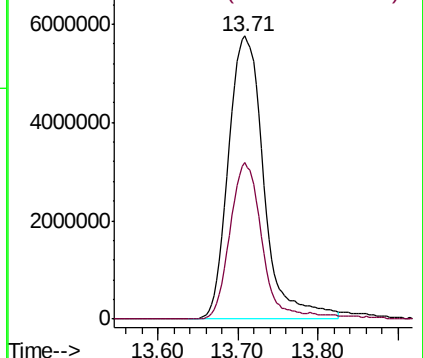
91 100

106 51.5 23.7 71.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#62

Isopropylbenzene

Concen: 0.101 ppbv

RT: 14.68 min Scan# 3700

Delta R.T. 0.04 min

Lab File: VL037585.D

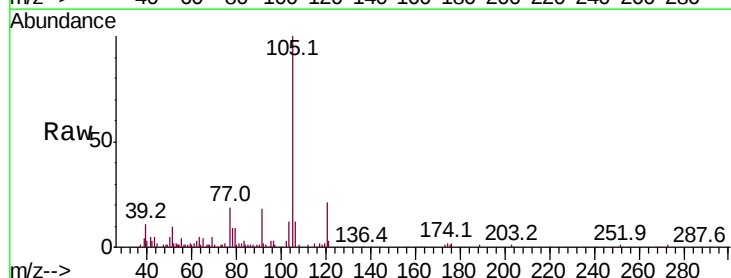
Acq: 8 Sep 2021 23:57

Tgt Ion: 105 Resp: 68923

Ion Ratio Lower Upper

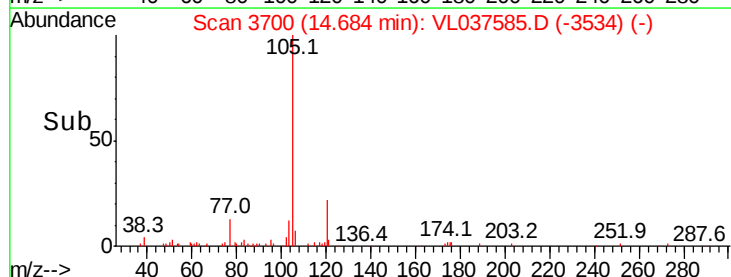
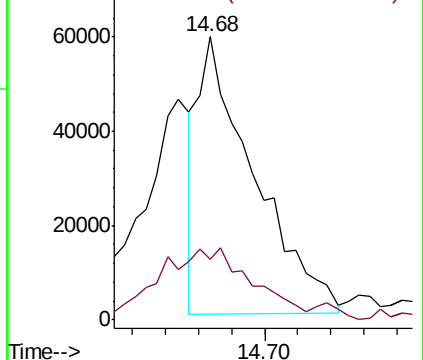
105 100

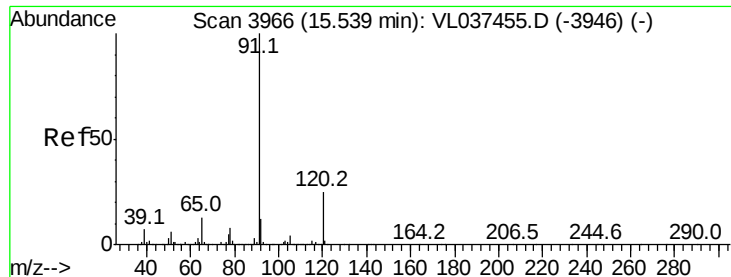
120 48.8 21.5 32.3#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#64

n-propylbenzene

Concen: 0.148 ppbv

RT: 15.58 min Scan# 3978

Delta R.T. 0.04 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :

MSVOA_L

ClientSampleId :

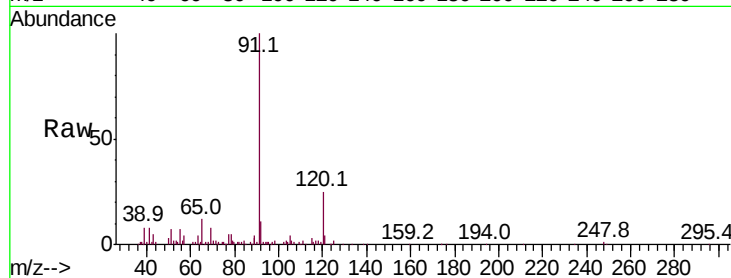
SV-1

Tot Ion:120 Resp: 25653

Ion Ratio Lower Upper

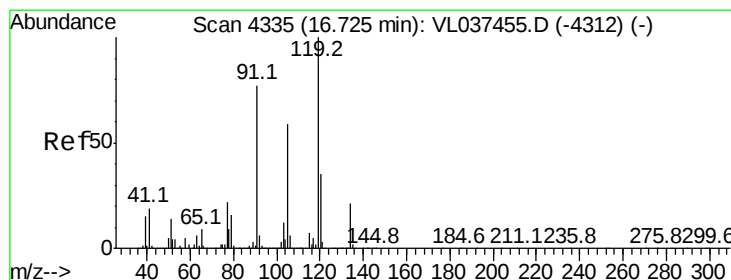
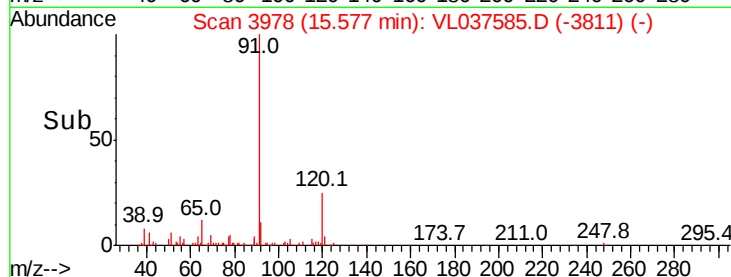
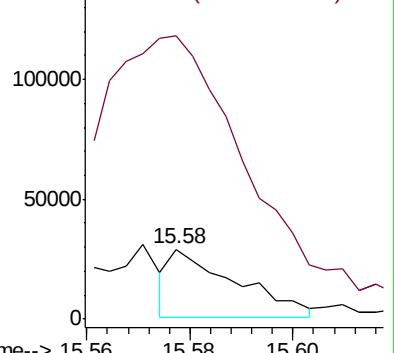
120 100

91 1144.8 373.8 560.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.158 ppbv

RT: 16.78 min Scan# 4351

Delta R.T. 0.05 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

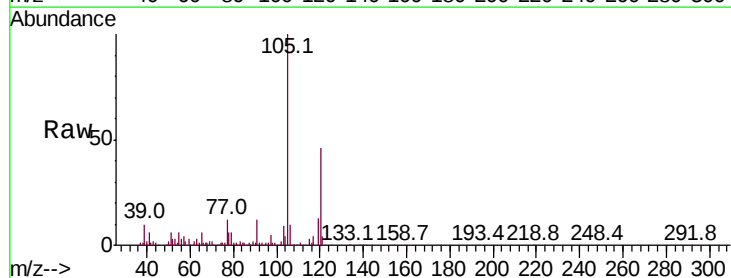
Tgt Ion:119 Resp: 98005

Ion Ratio Lower Upper

119 100

91 111.1 62.9 94.3#

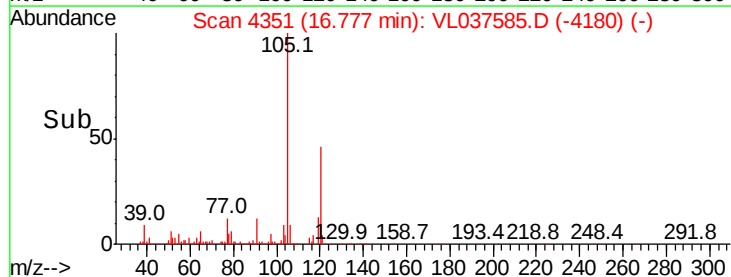
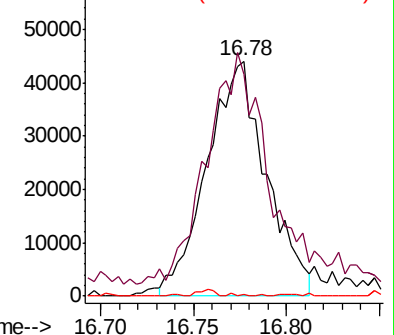
134 1.0 16.4 24.6#

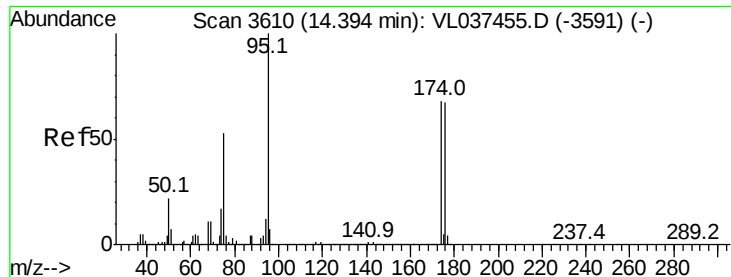


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.600 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. 0.04 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :

MSVOA_L

ClientSampleId :

SV-1

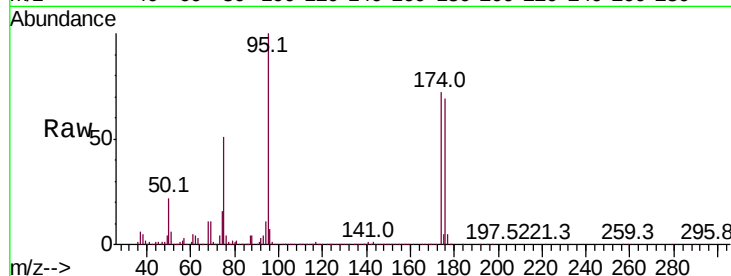
Tot Ion: 95 Resp: 3244001

Ion Ratio Lower Upper

95 100

174 75.3 59.6 89.4

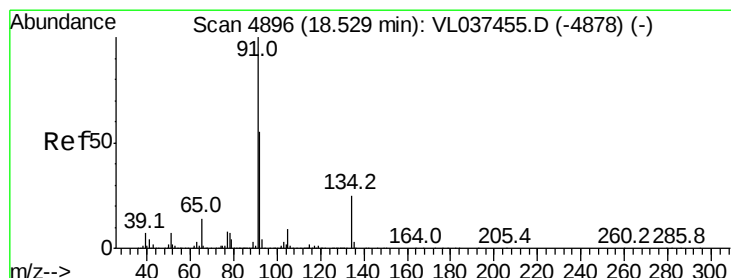
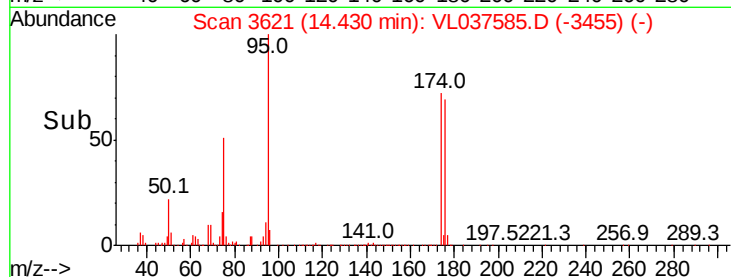
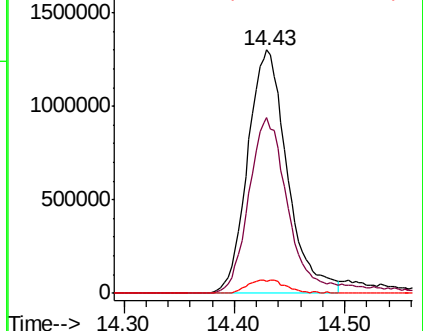
175 5.8 4.6 7.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): VL0

Ion 175.00 (174.70 to 175.70): VL0



#70

n-Butylbenzene

Concen: 0.058 ppbv

RT: 18.57 min Scan# 4908

Delta R.T. 0.04 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

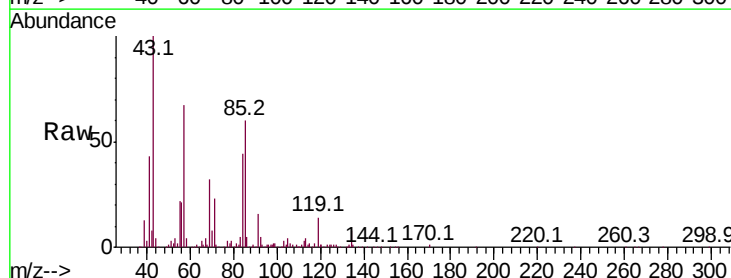
Tgt Ion: 91 Resp: 39282

Ion Ratio Lower Upper

91 100

92 0.0 44.0 66.0#

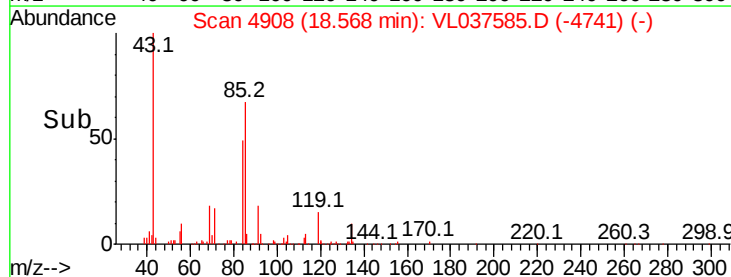
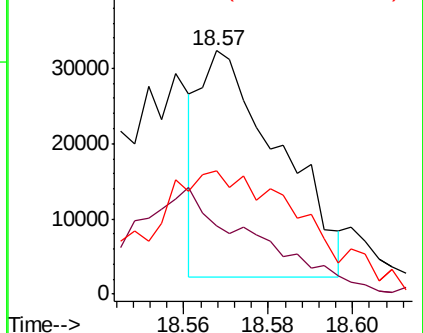
134 152.8 19.5 29.3#

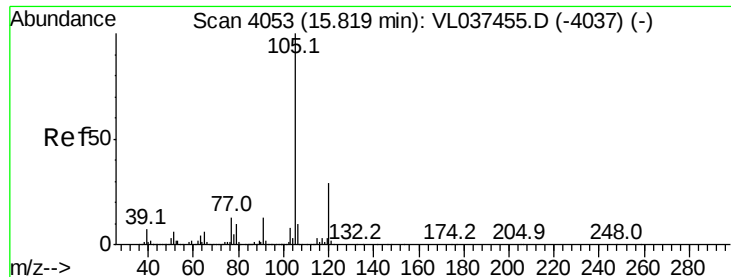


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

Ion 134.20 (133.90 to 134.90): VL0





#72

4-Ethyltoluene

Concen: 0.584 ppbv

RT: 15.85 min Scan# 4064

Delta R.T. 0.04 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :

MSVOA_L

ClientSampleId :

SV-1

Tot Ion:105 Resp: 336261

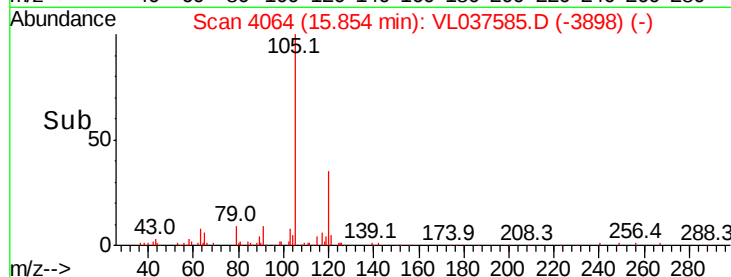
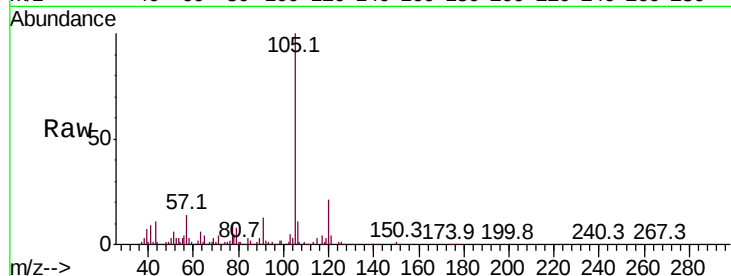
Ion Ratio Lower Upper

105 100

120 30.6 24.7 37.1

91 12.3 9.8 14.8

77 15.2 10.6 15.8

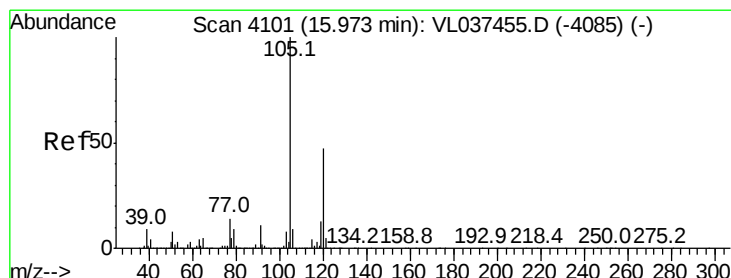
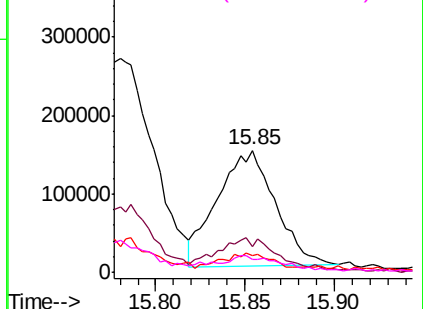


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.475 ppbv

RT: 16.00 min Scan# 4111

Delta R.T. 0.03 min

Lab File: VL037585.D

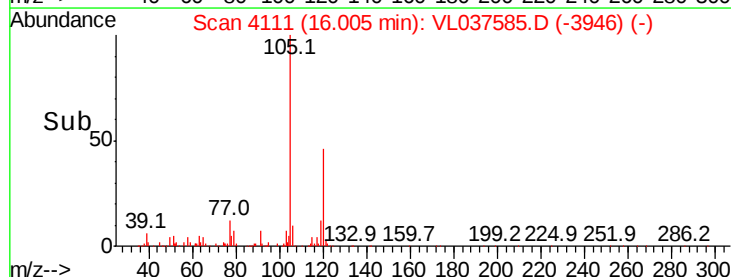
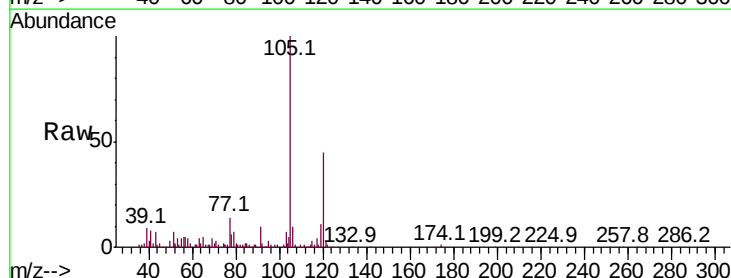
Acq: 8 Sep 2021 23:57

Tgt Ion:105 Resp: 254195

Ion Ratio Lower Upper

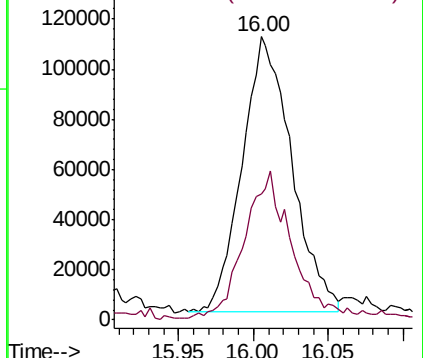
105 100

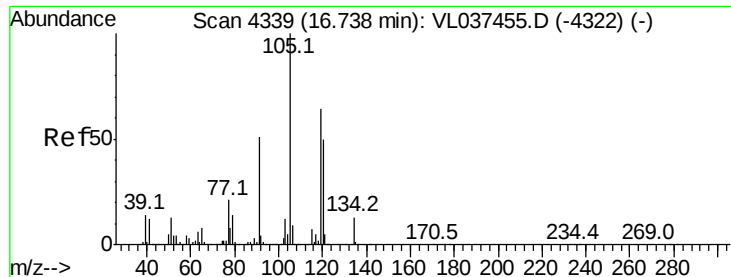
120 45.2 37.6 56.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 1.487 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.04 min

Lab File: VL037585.D

Acq: 8 Sep 2021 23:57

Instrument :

MSVOA_L

ClientSampleId :

SV-1

Tot Ion:105 Resp: 846271

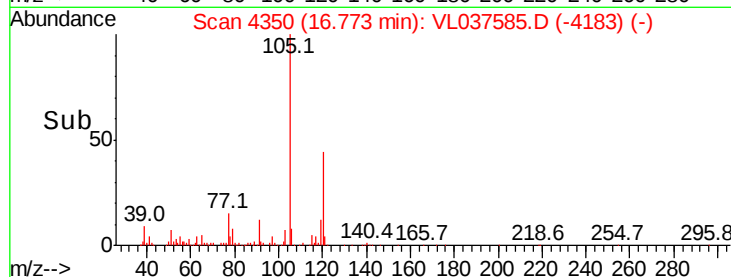
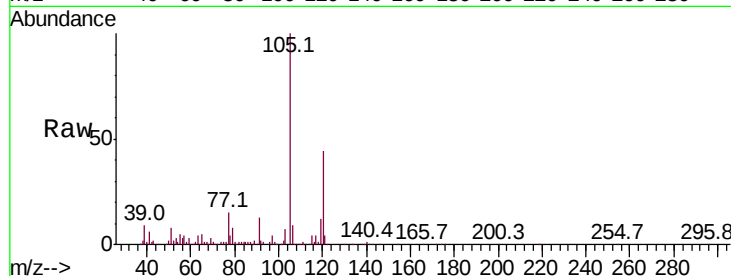
Ion Ratio Lower Upper

105 100

120 44.1 40.4 60.6

91 12.0 44.6 67.0#

77 14.5 17.8 26.6#



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

