

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100121\
 Data File : VL037741.D
 Acq On : 1 Oct 2021 14:43
 Operator : SY/AP
 Sample : M4012-08 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P00

Quant Time: Oct 02 01:33:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1537906	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4405424	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3713150	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2586885	9.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

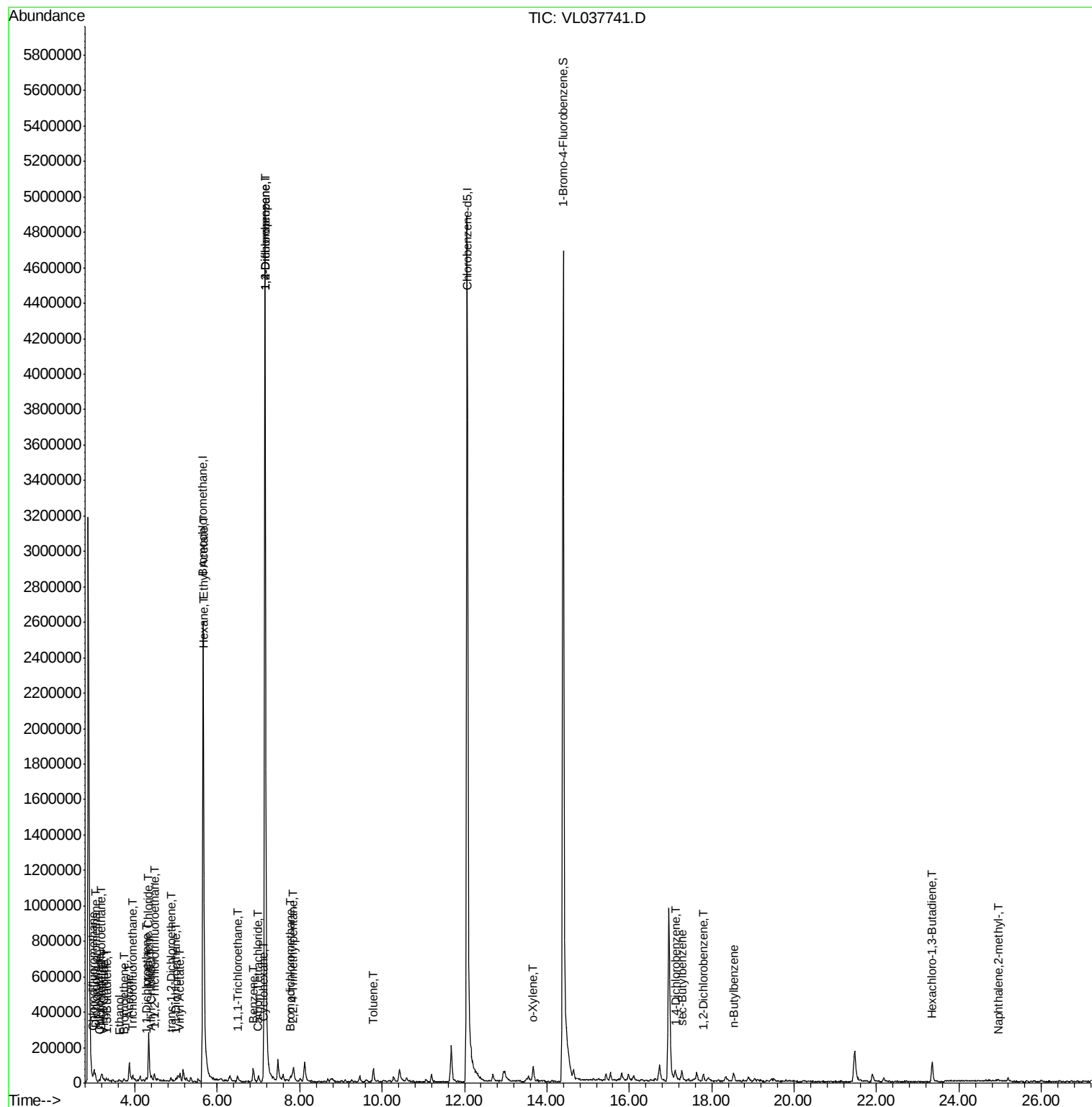
Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.05	85	21704	0.078	ppbv 95
3) Chlorodifluoromethane	2.98	51	29231	0.101	ppbv 93
4) Chloromethane	3.13	50	5360	0.050	ppbv # 87
5) Vinyl Chloride	3.25	62	4730	0.047	ppbv # 52
8) Dichlorotetrafluoroethane	3.18	85	10285	0.043	ppbv # 12
11) Trichlorofluoromethane	3.94	101	17615	0.079	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.47	101	8043	0.049	ppbv # 24
13) Ethanol	3.61	45	3948	0.394	ppbv 60
14) Bromoethene	3.73	108	3882	0.052	ppbv # 80
15) Acetone	3.86	43	98239	0.615	ppbv # 88
16) 1,3-Butadiene	3.32	39	3029	0.030	ppbv # 1
18) 1,1-Dichloroethene	4.27	96	4080	0.053	ppbv # 77
20) Methylene Chloride	4.33	84	96516	1.265	ppbv 97
21) Allyl Chloride	4.40	41	3957	0.033	ppbv # 1
22) trans-1,2-Dichloroethene	4.88	96	3025	0.039	ppbv # 68
23) Vinyl Acetate	5.07	43	9265	0.042	ppbv # 58
24) 1,1-Dichloroethane	5.00	63	6998	0.044	ppbv # 88
25) Ethyl Acetate	5.67	43	32950	0.085	ppbv # 75
26) Hexane	5.67	57	37895	0.206	ppbv # 56
30) Cyclohexane	7.11	84	6304	0.040	ppbv # 1
32) 1,1,1-Trichloroethane	6.49	97	13653	0.055	ppbv # 74
35) Carbon Tetrachloride	7.00	117	7982	0.032	ppbv # 95
36) Benzene	6.87	78	41853	0.114	ppbv # 90
39) 1,2-Dichloropropane	7.16	63	1024111	7.279	ppbv # 27
42) Bromodichloromethane	7.77	83	8002	0.031	ppbv # 75
44) 2,2,4-Trimethylpentane	7.85	57	43818	0.071	ppbv # 65
53) Toluene	9.78	91	21694	0.053	ppbv # 20
60) o-Xylene	13.66	91	15002	0.037	ppbv # 6
67) sec-Butylbenzene	17.27	105	25898	0.037	ppbv # 72
70) n-Butylbenzene	18.53	91	19145	0.035	ppbv # 38
76) 1,4-Dichlorobenzene	17.11	146	11270	0.040	ppbv # 15
77) 1,2-Dichlorobenzene	17.79	146	8230	0.030	ppbv # 1
78) Hexachloro-1,3-Butadiene	23.34	225	7389	0.032	ppbv # 18
80) Naphthalene,2-methyl-	24.96	142	4173	0.065	ppbv 96

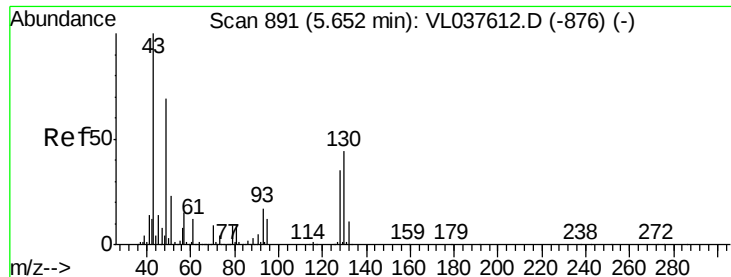
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

Instrument :

MSVOA_L

ClientSampled :

C0P00

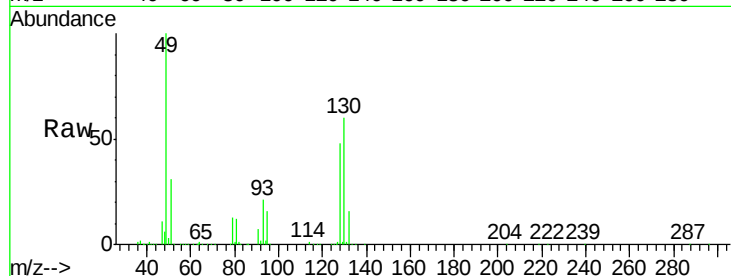
Tgt Ion: 49 Resp: 1537906

Ion Ratio Lower Upper

49 100

128 52.1 27.9 83.6

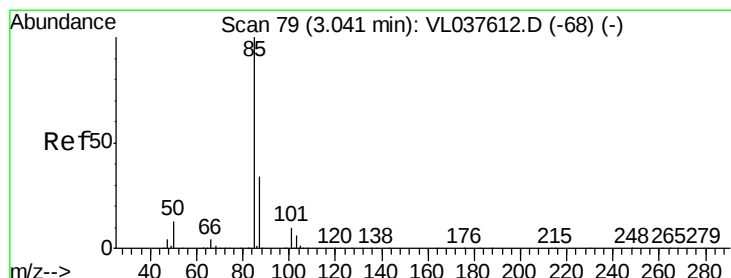
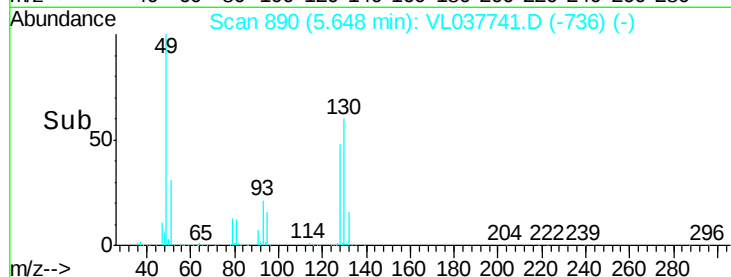
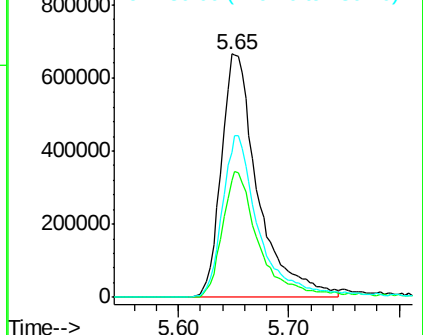
130 68.6 33.9 101.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.078 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.01 min

Lab File: VL037741.D

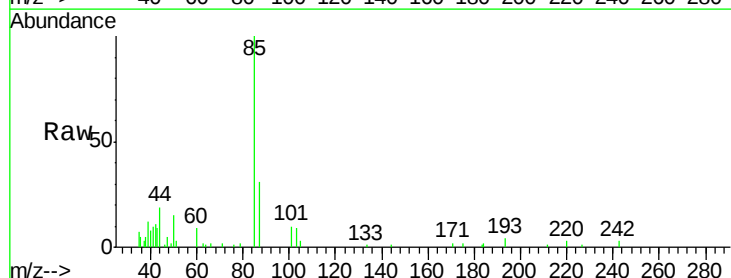
Acq: 1 Oct 2021 14:43

Tgt Ion: 85 Resp: 21704

Ion Ratio Lower Upper

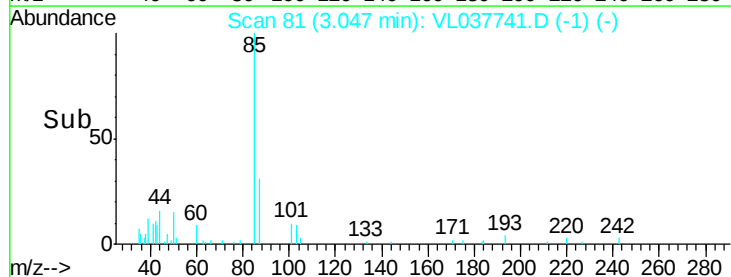
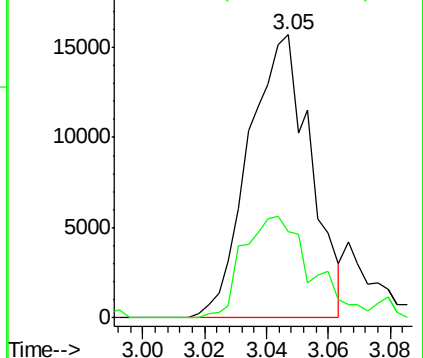
85 100

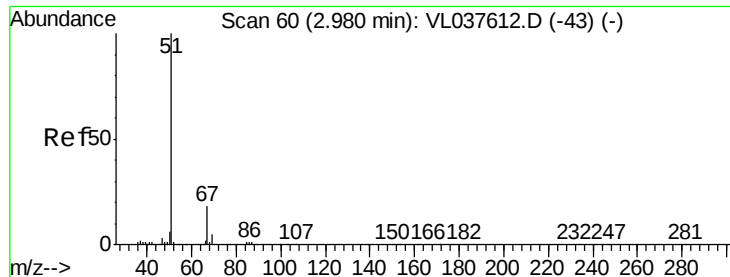
87 30.6 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.101 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.00 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

Instrument :

MSVOA_L

ClientSampleId :

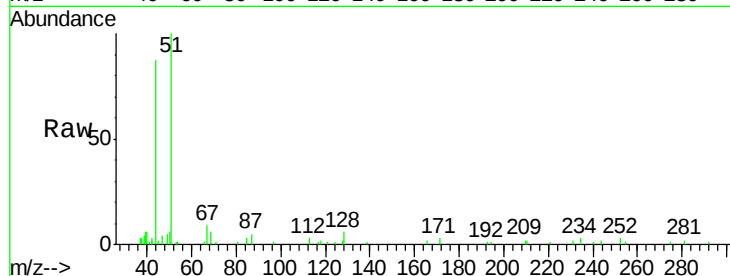
C0P00

Tgt Ion: 51 Resp: 29231

Ion Ratio Lower Upper

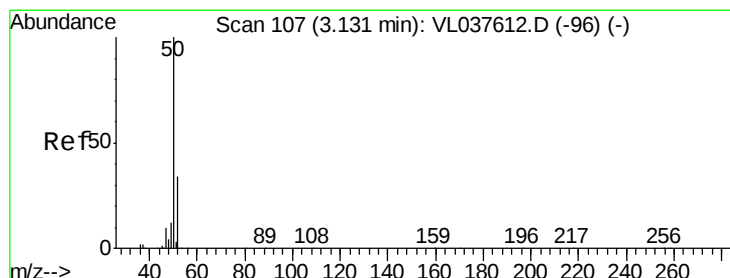
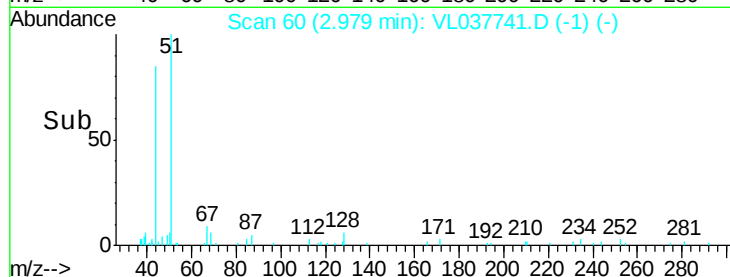
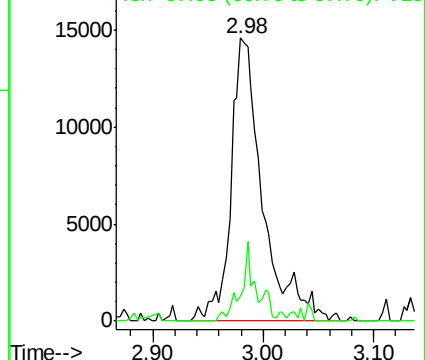
51 100

67 14.4 14.0 21.0



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.050 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.00 min

Lab File: VL037741.D

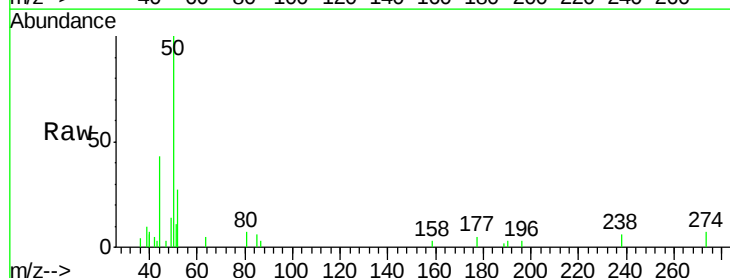
Acq: 1 Oct 2021 14:43

Tgt Ion: 50 Resp: 5360

Ion Ratio Lower Upper

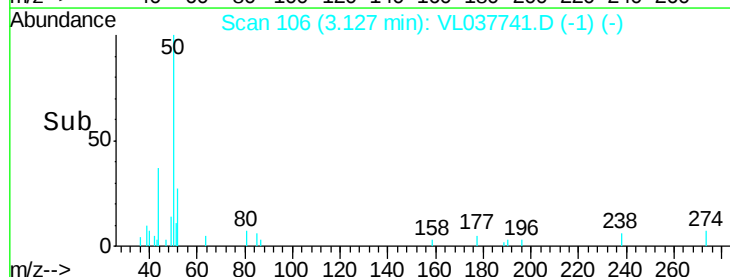
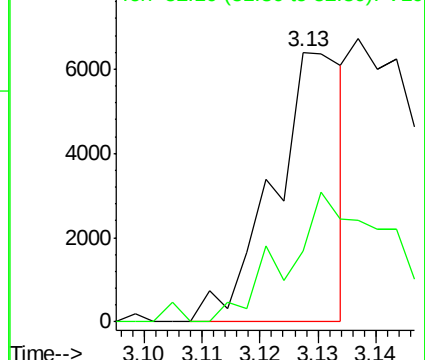
50 100

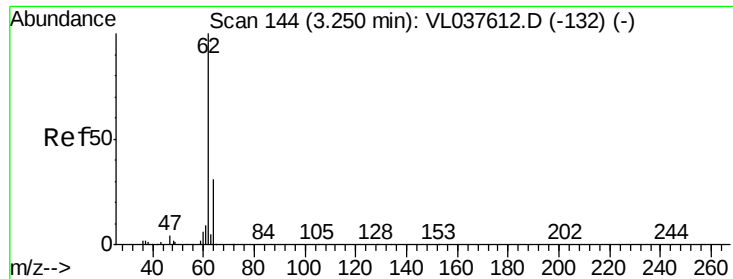
52 26.5 27.1 40.7#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.047 ppbv

RT: 3.25 min Scan# 144

Delta R.T. -0.00 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

Instrument :

MSVOA_L

ClientSampleId :

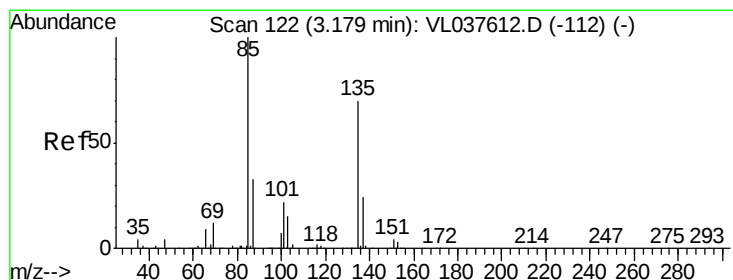
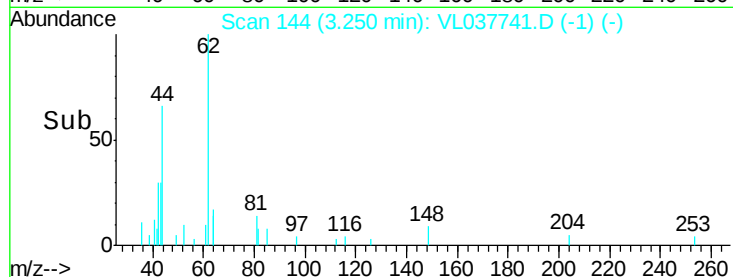
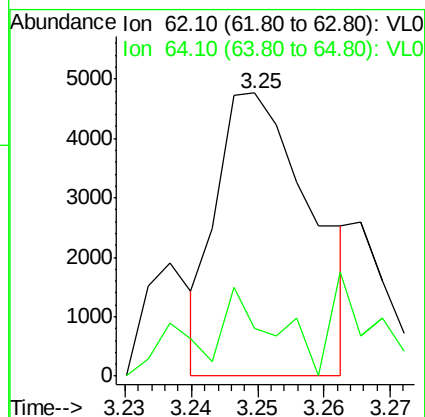
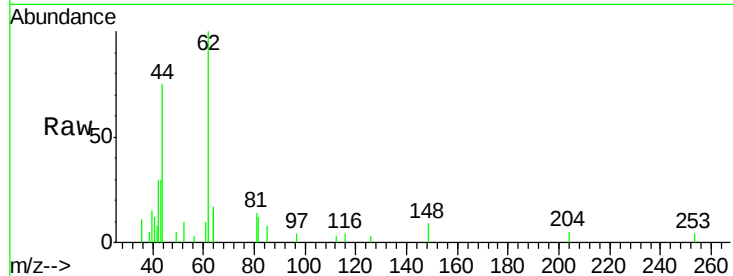
C0P00

Tgt Ion: 62 Resp: 4730

Ion Ratio Lower Upper

62 100

64 4.9 24.9 37.3#



#8

Dichlorotetrafluoroethane

Concen: 0.043 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.00 min

Lab File: VL037741.D

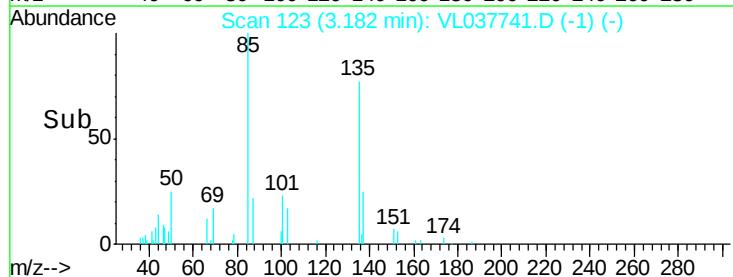
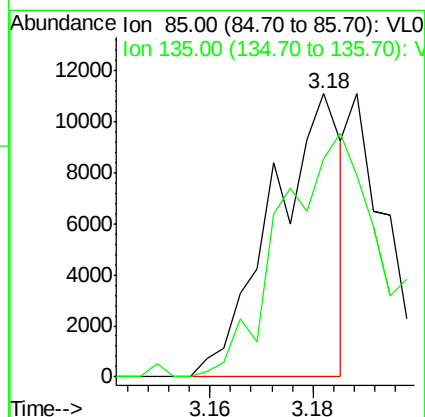
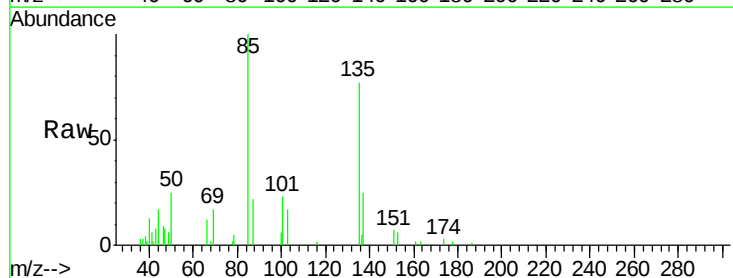
Acq: 1 Oct 2021 14:43

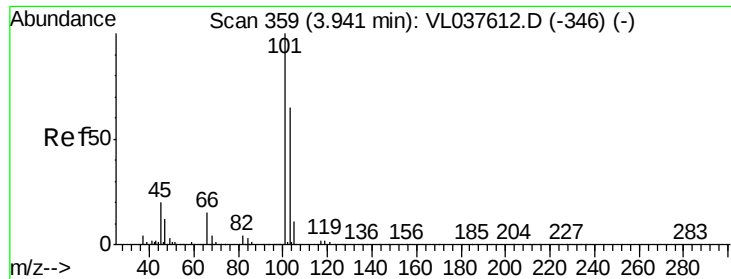
Tgt Ion: 85 Resp: 10285

Ion Ratio Lower Upper

85 100

135 0.0 59.3 88.9#





#11

Trichlorofluoromethane

Concen: 0.079 ppbv

RT: 3.94 min Scan# 360

Delta R.T. 0.00 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

Instrument :

MSVOA_L

ClientSampleId :

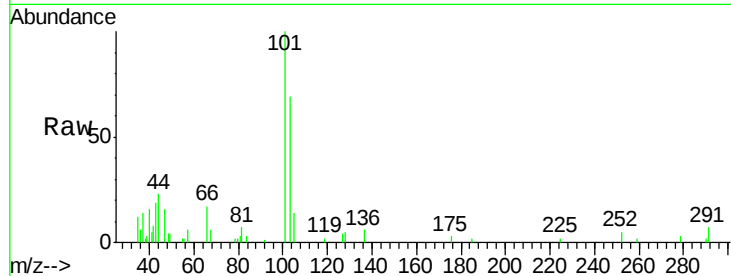
C0P00

Tgt Ion:101 Resp: 17615

Ion Ratio Lower Upper

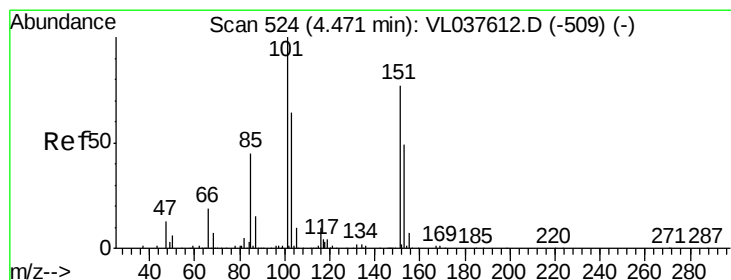
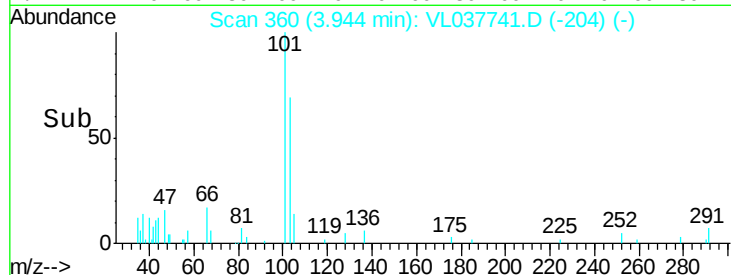
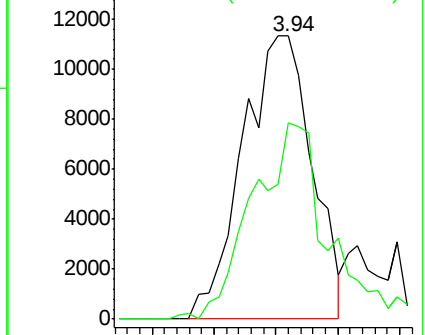
101 100

103 67.0 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.049 ppbv

RT: 4.47 min Scan# 524

Delta R.T. -0.00 min

Lab File: VL037741.D

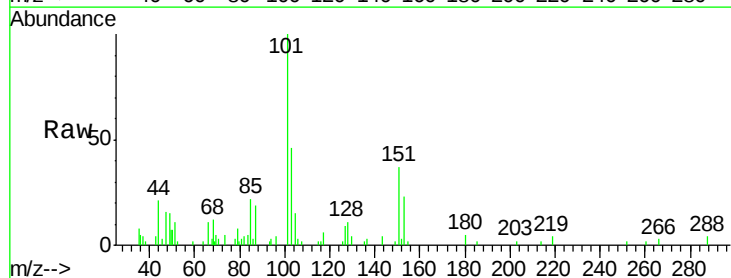
Acq: 1 Oct 2021 14:43

Tgt Ion:101 Resp: 8043

Ion Ratio Lower Upper

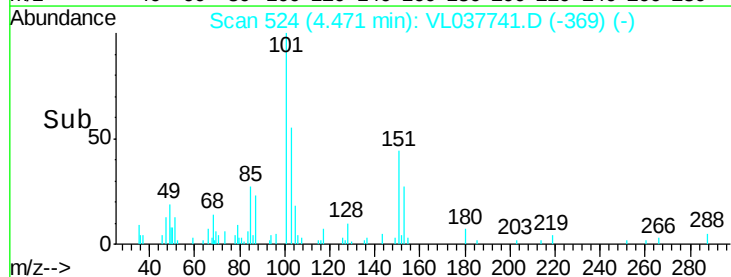
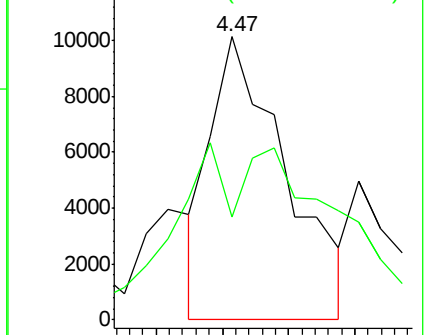
101 100

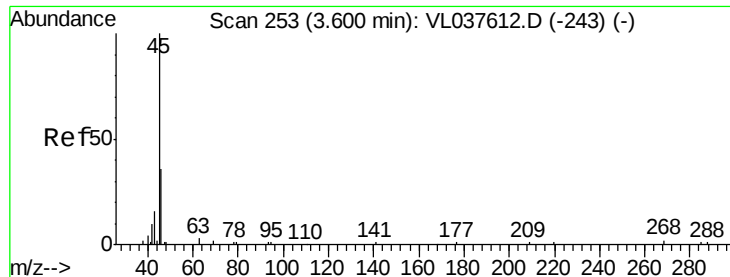
151 146.5 63.5 95.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 0.394 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.01 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

Instrument :

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ClientSampleId :

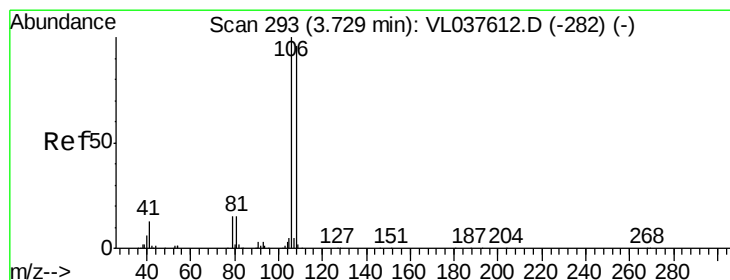
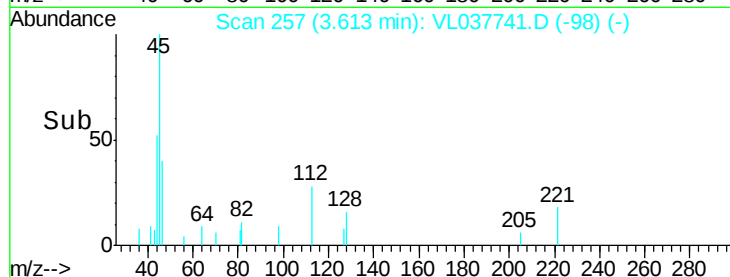
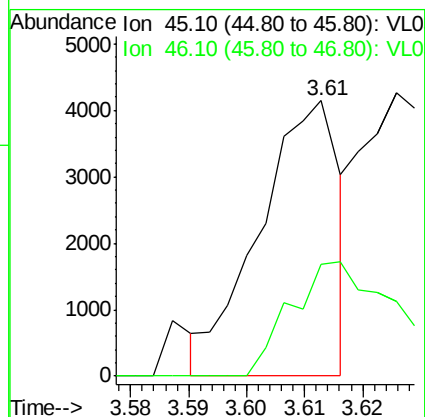
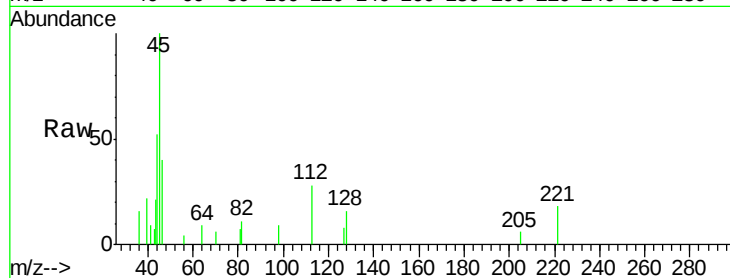
C0P00

Tgt Ion: 45 Resp: 3948

Ion Ratio Lower Upper

45 100

46 68.4 17.2 68.8



#14

Bromoethene

Concen: 0.052 ppbv

RT: 3.73 min Scan# 294

Delta R.T. 0.00 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

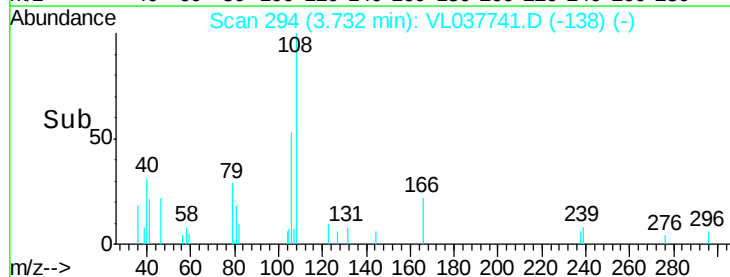
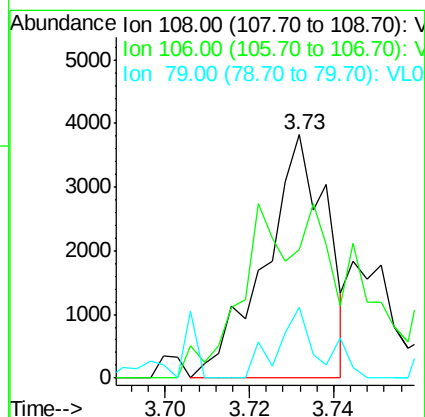
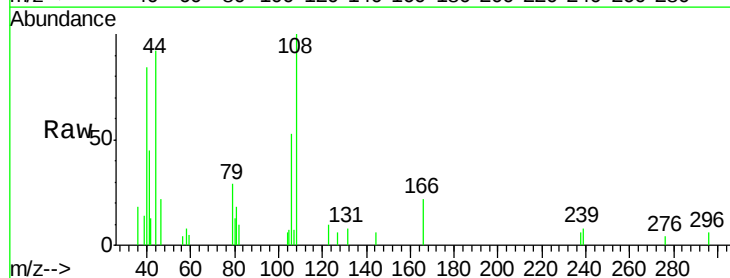
Tgt Ion: 108 Resp: 3882

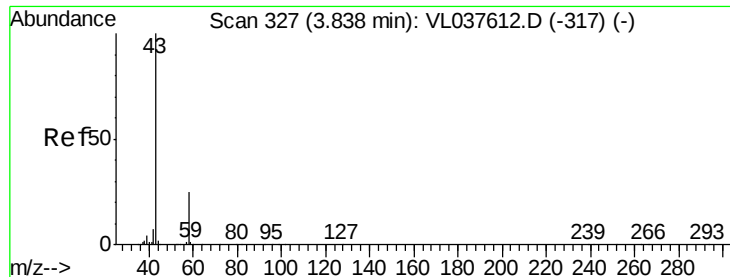
Ion Ratio Lower Upper

108 100

106 132.7 88.2 132.4#

79 19.6 12.8 19.2#





#15

Acetone

Concen: 0.615 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.02 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

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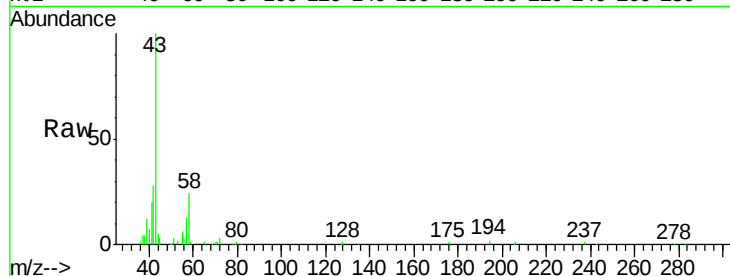
C0P00

Tgt Ion: 43 Resp: 98239

Ion Ratio Lower Upper

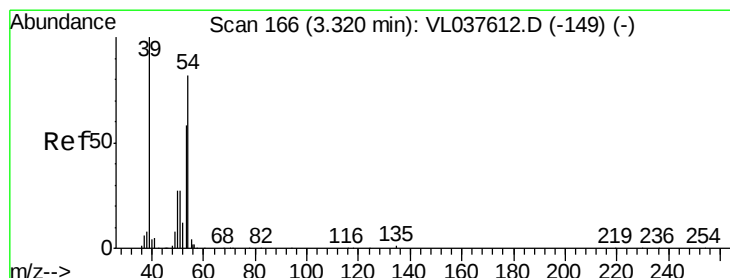
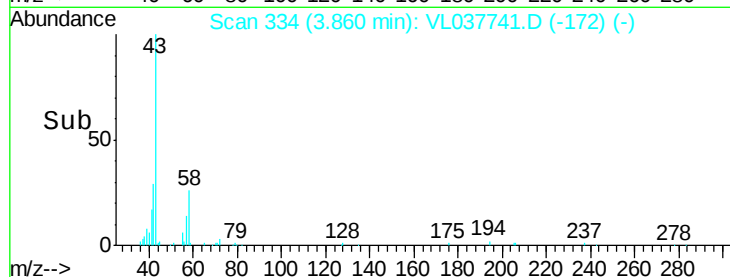
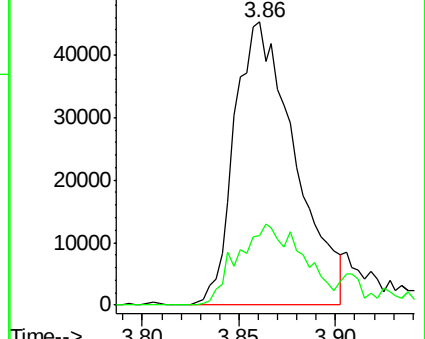
43 100

58 37.5 24.9 37.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 0.030 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.00 min

Lab File: VL037741.D

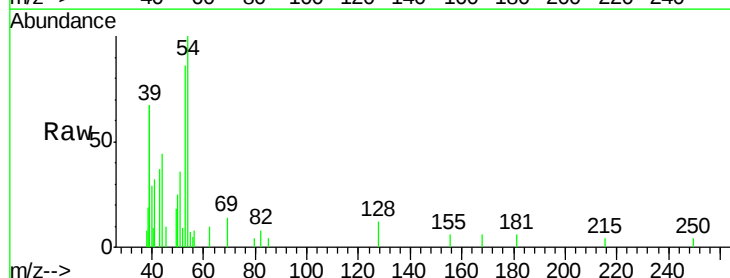
Acq: 1 Oct 2021 14:43

Tgt Ion: 39 Resp: 3029

Ion Ratio Lower Upper

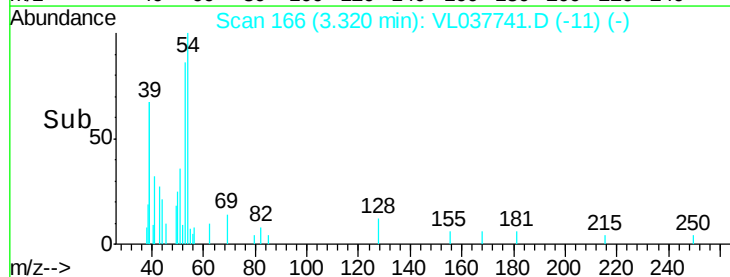
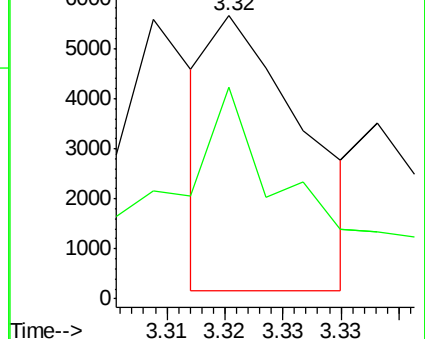
39 100

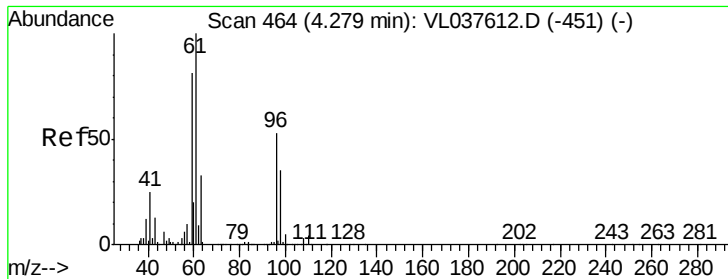
54 181.9 62.6 93.8#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

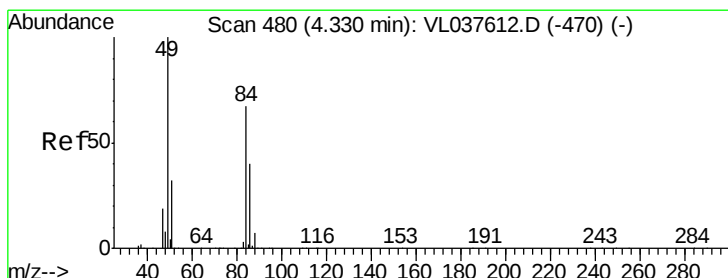
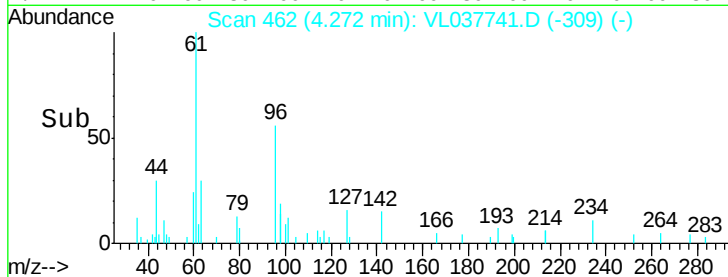
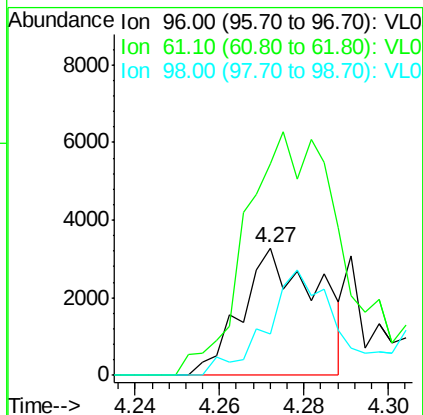
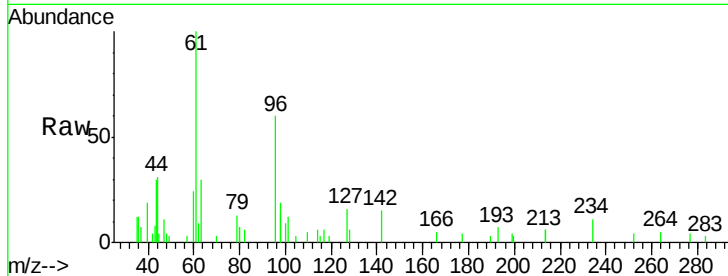




#18
 1,1-Dichloroethene
 Concen: 0.053 ppbv
 RT: 4.27 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: VL037741.D
 Acq: 1 Oct 2021 14:43

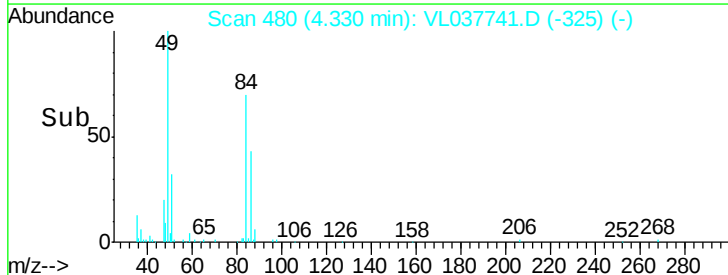
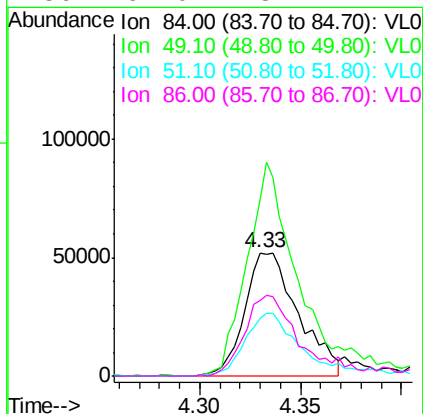
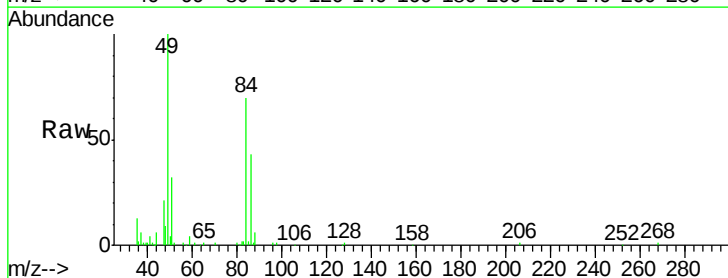
Instrument :
 MSVOA_L
 ClientSampleId :
 C0P00

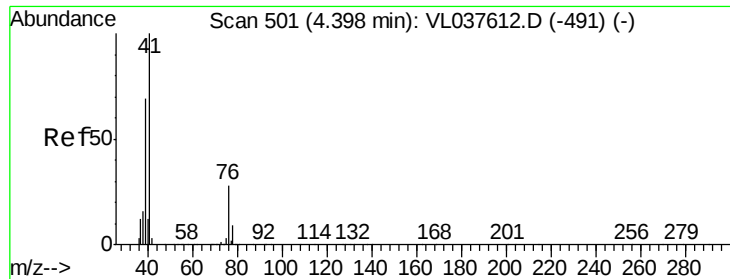
Tgt Ion: 96 Resp: 4080
 Ion Ratio Lower Upper
 96 100
 61 164.4 150.4 225.6
 98 32.0 52.1 78.1#



#20
 Methylene Chloride
 Concen: 1.265 ppbv
 RT: 4.33 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: VL037741.D
 Acq: 1 Oct 2021 14:43

Tgt Ion: 84 Resp: 96516
 Ion Ratio Lower Upper
 84 100
 49 143.6 120.0 180.0
 51 46.3 38.0 57.0
 86 61.0 48.2 72.2

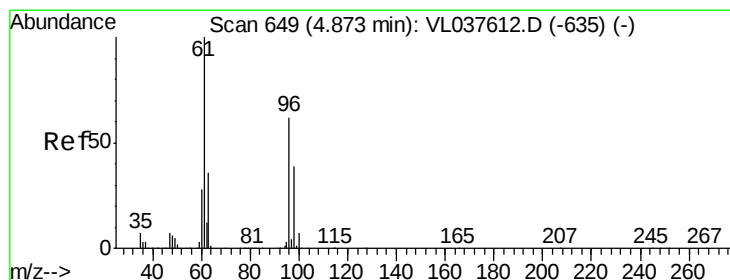
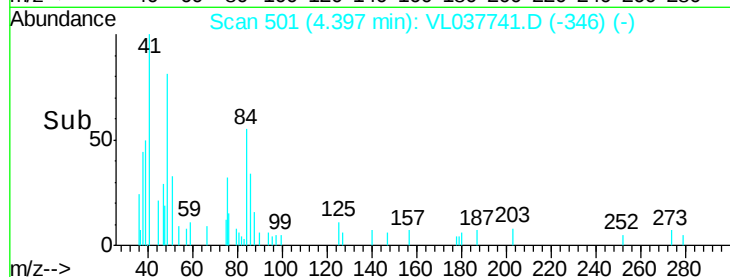
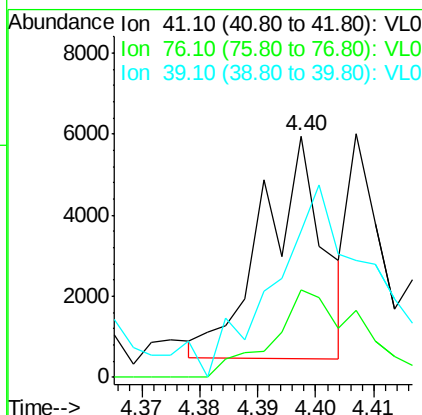
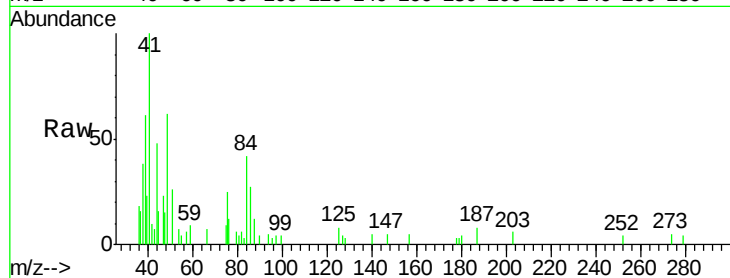




#21
 Allyl Chloride
 Concen: 0.033 ppbv
 RT: 4.40 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VL037741.D
 Acq: 1 Oct 2021 14:43

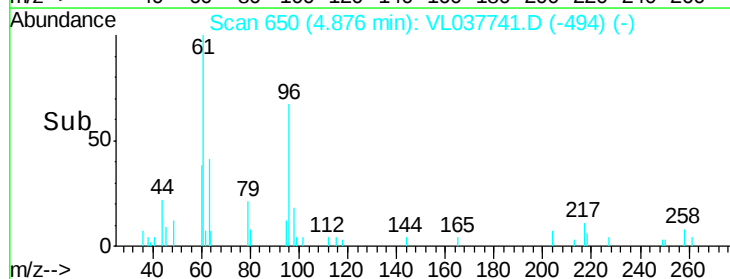
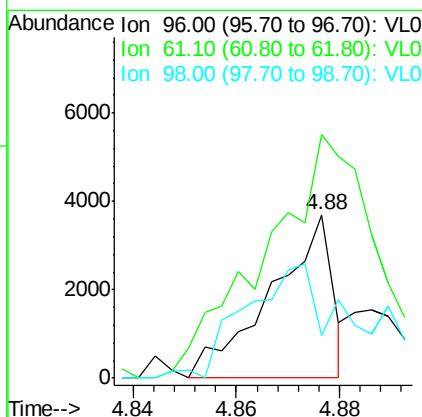
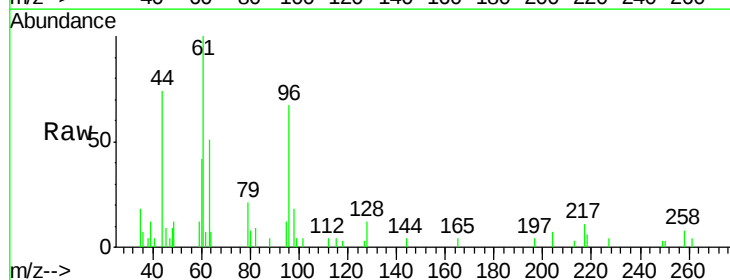
Instrument :
 MSVOA_L
 ClientSampleId :
 C0P00

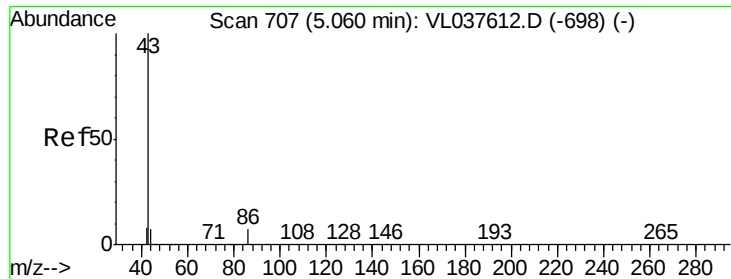
Tgt Ion: 41 Resp: 3957
 Ion Ratio Lower Upper
 41 100
 76 69.2 23.1 34.7#
 39 207.6 61.0 91.6#



#22
 trans-1,2-Dichloroethene
 Concen: 0.039 ppbv
 RT: 4.88 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: VL037741.D
 Acq: 1 Oct 2021 14:43

Tgt Ion: 96 Resp: 3025
 Ion Ratio Lower Upper
 96 100
 61 131.0 129.2 193.8
 98 21.4 50.4 75.6#





#23

Vinyl Acetate

Concen: 0.042 ppbv

RT: 5.07 min Scan# 710

Delta R.T. 0.01 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

Instrument :

MSVOA_L

ClientSampleId :

C0P00

Tgt Ion: 43 Resp: 9265

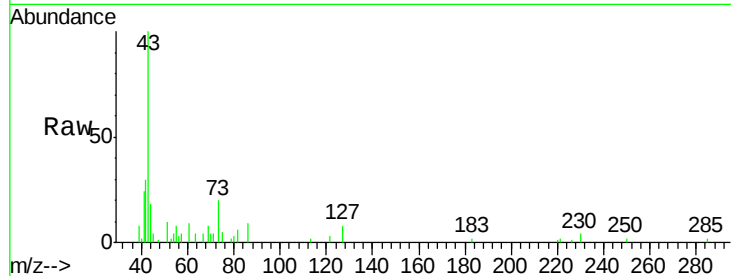
Ion Ratio Lower Upper

43 100

86 21.3 5.0 7.6#

42 30.1 7.5 11.3#

44 0.0 4.7 7.1#

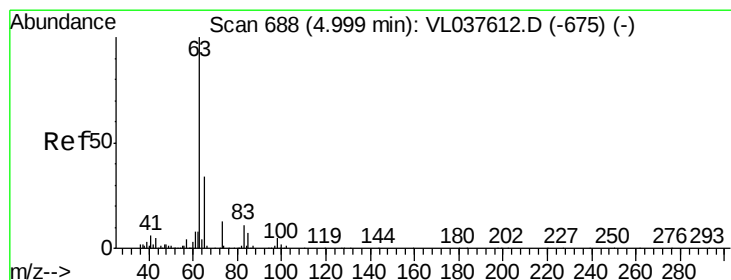
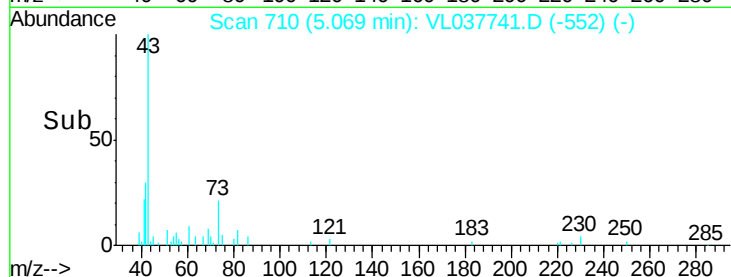
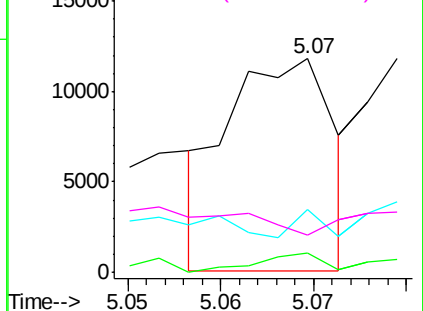


Abundance Ion 43.10 (42.80 to 43.80): VL0

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



#24

1,1-Dichloroethane

Concen: 0.044 ppbv

RT: 5.00 min Scan# 688

Delta R.T. -0.00 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

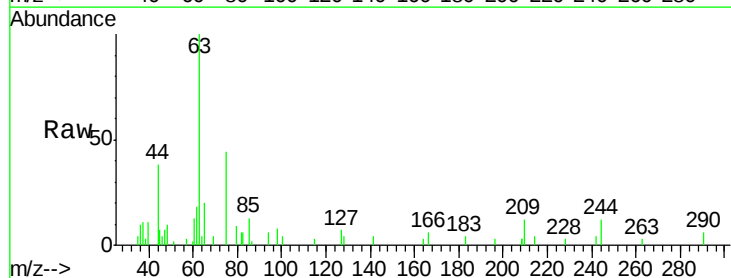
Tgt Ion: 63 Resp: 6998

Ion Ratio Lower Upper

63 100

98 8.5 2.4 7.2#

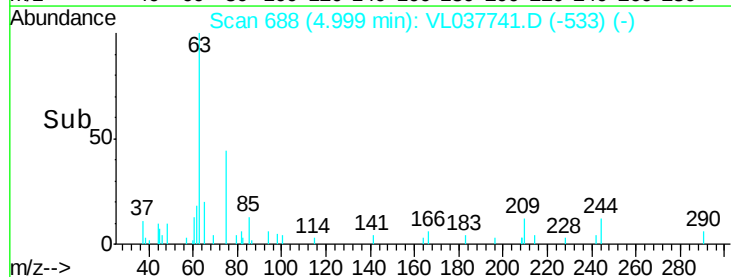
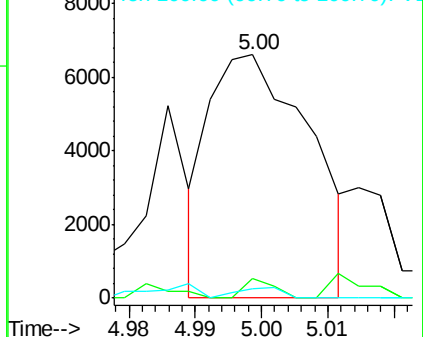
100 6.9 1.1 3.5#

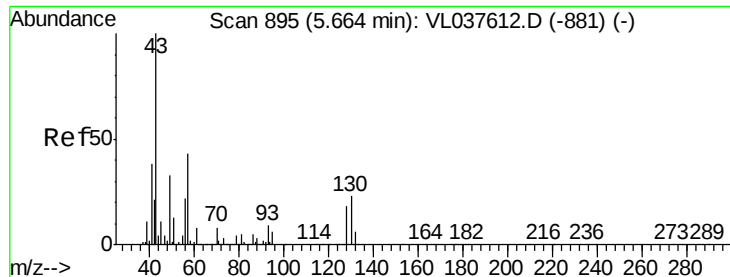


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

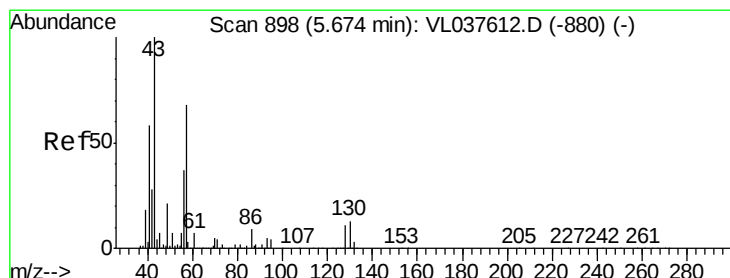
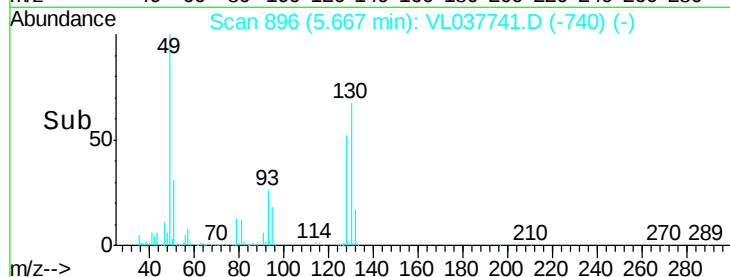
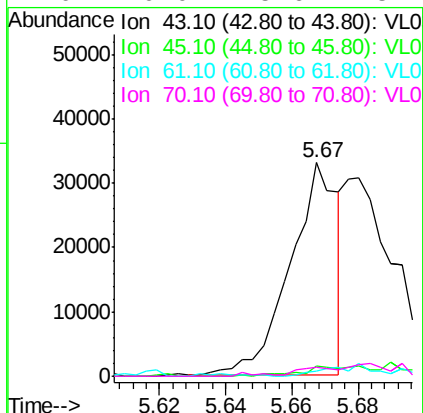
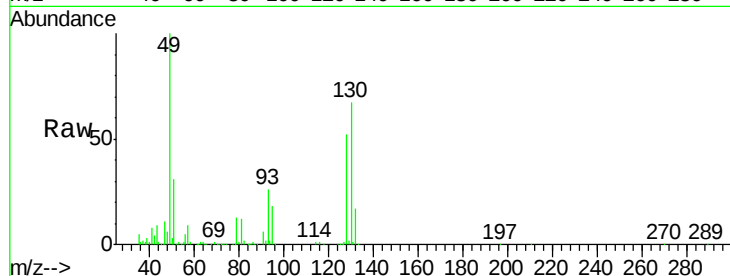




#25
Ethyl Acetate
Concen: 0.085 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL037741.D
Acq: 1 Oct 2021 14:43

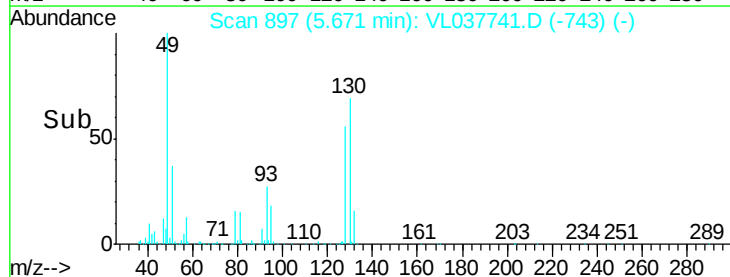
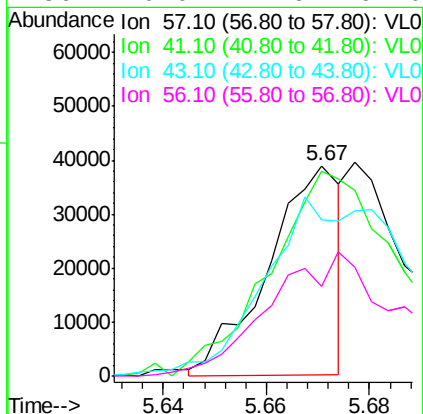
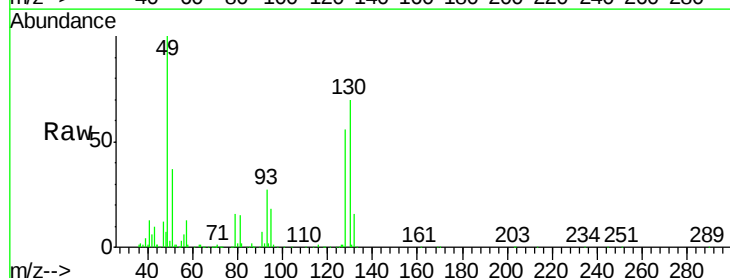
Instrument :
MSVOA_L
ClientSampleId :
C0P00

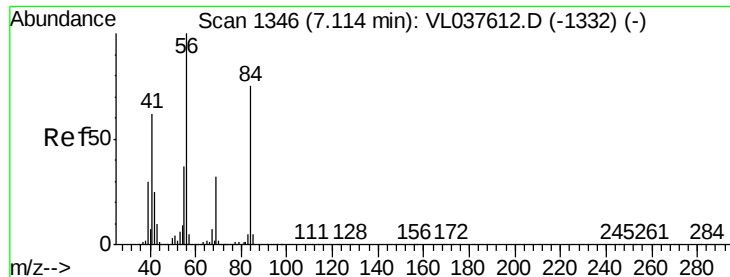
Tgt Ion:	43	Resp:	32950
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.0	12.0#
61	0.0	7.5	11.3#
70	0.0	5.6	8.4#



#26
Hexane
Concen: 0.206 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL037741.D
Acq: 1 Oct 2021 14:43

Tgt Ion:	57	Resp:	37895
Ion	Ratio	Lower	Upper
57	100		
41	195.6	70.9	106.3#
43	202.8	170.4	255.6
56	0.0	42.6	64.0#

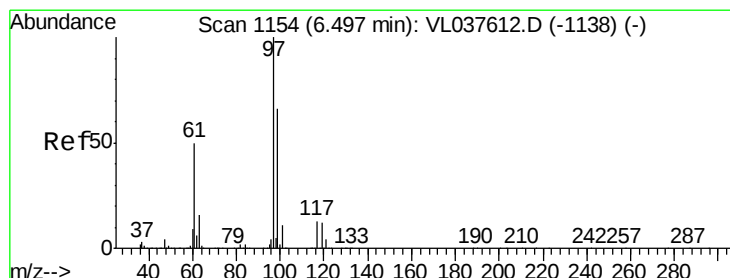
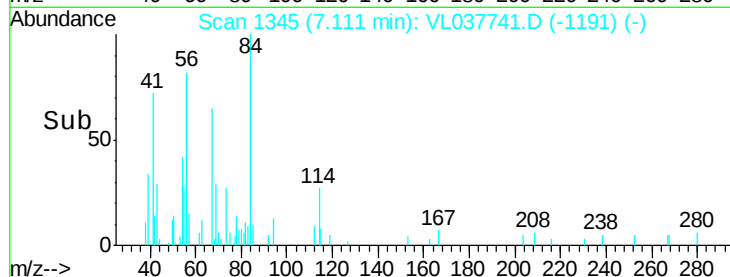
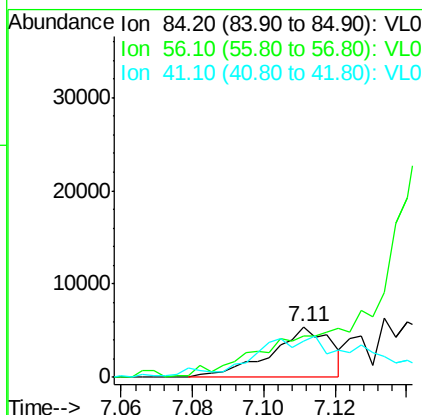
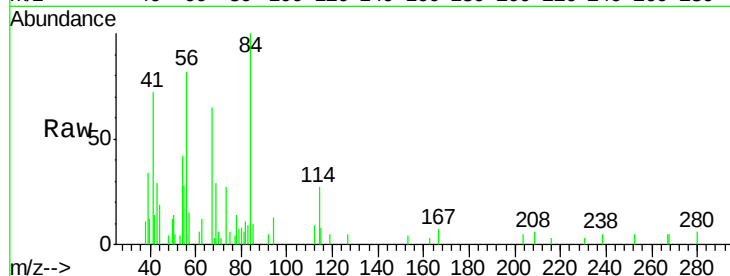




#30
Cyclohexane
Concen: 0.040 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VL037741.D
Acq: 1 Oct 2021 14:43

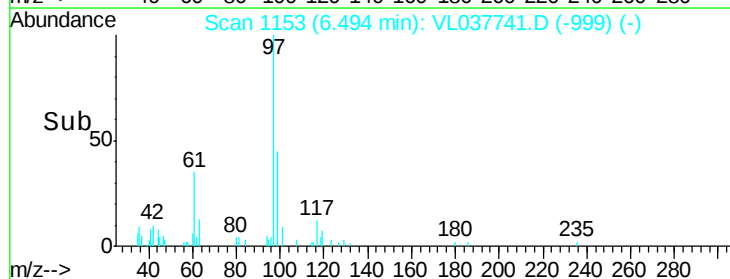
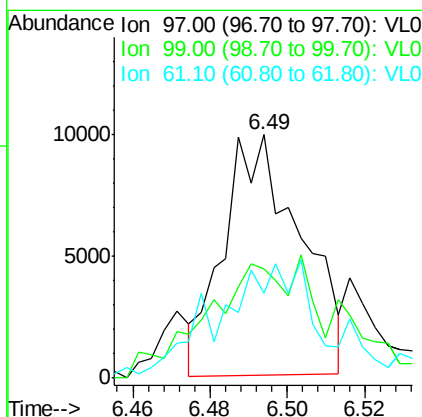
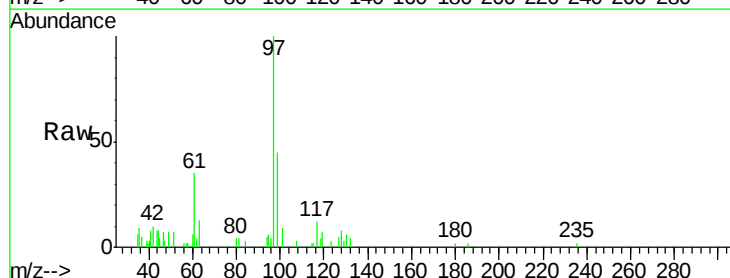
Instrument :
MSVOA_L
ClientSampleId :
C0P00

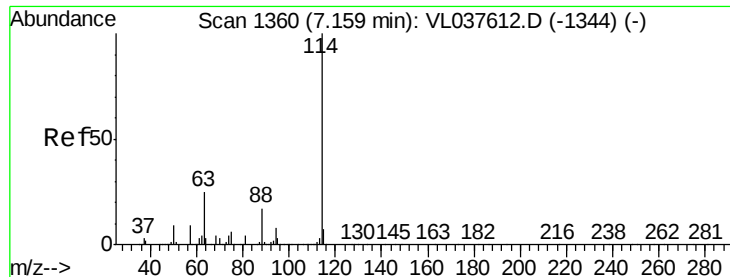
Tgt Ion: 84 Resp: 6304
Ion Ratio Lower Upper
84 100
56 0.0 113.6 170.4#
41 172.2 67.9 101.9#



#32
1,1,1-Trichloroethane
Concen: 0.055 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VL037741.D
Acq: 1 Oct 2021 14:43

Tgt Ion: 97 Resp: 13653
Ion Ratio Lower Upper
97 100
99 83.2 52.3 78.5#
61 70.8 39.5 59.3#

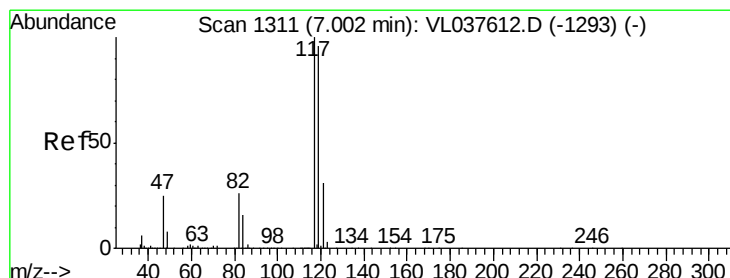
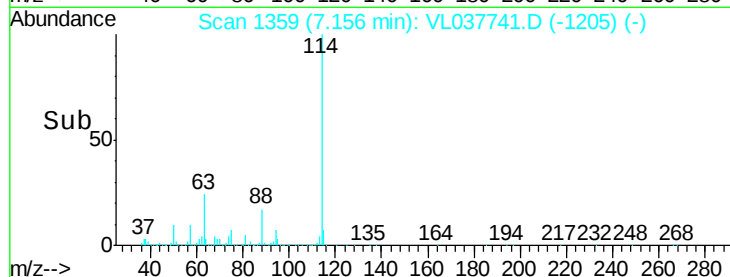
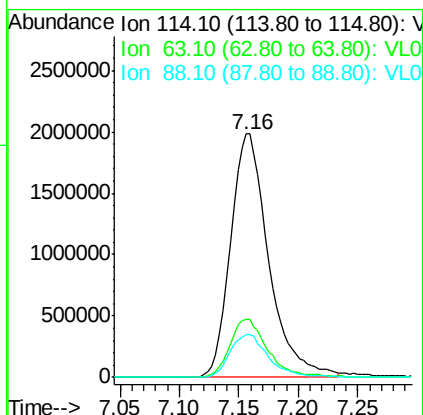
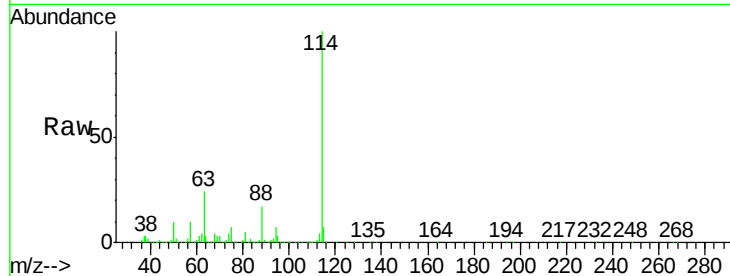




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VL037741.D
 Acq: 1 Oct 2021 14:43

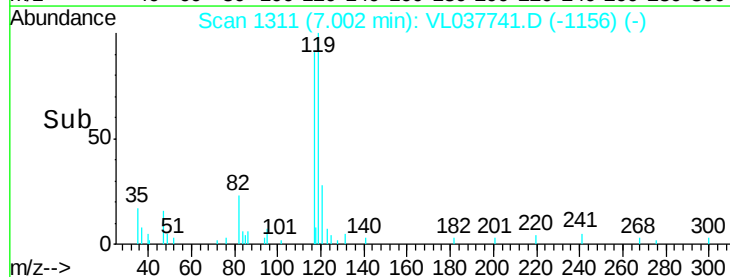
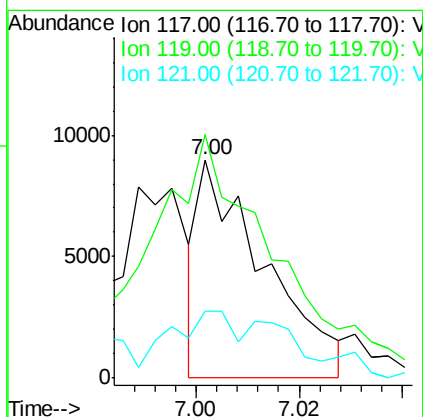
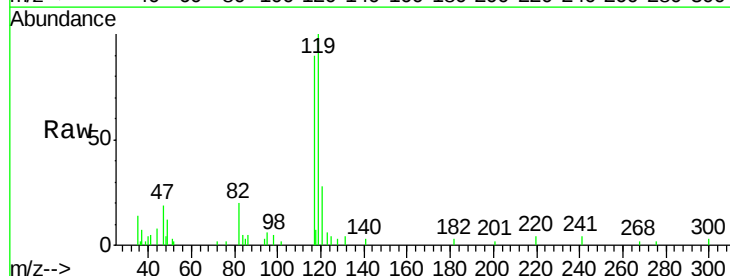
Instrument :
 MSVOA_L
 ClientSampleId :
 C0P00

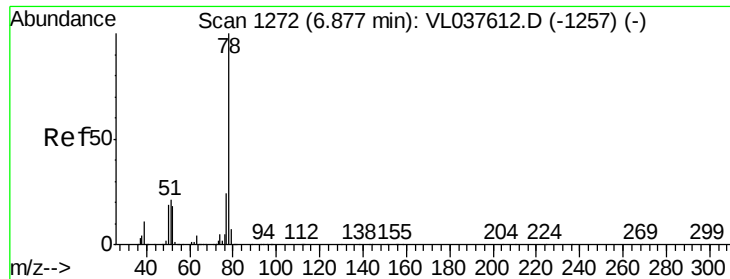
Tgt Ion:114 Resp: 4405424
 Ion Ratio Lower Upper
 114 100
 63 24.1 19.6 29.4
 88 18.0 14.2 21.4



#35
 Carbon Tetrachloride
 Concen: 0.032 ppbv
 RT: 7.00 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: VL037741.D
 Acq: 1 Oct 2021 14:43

Tgt Ion:117 Resp: 7982
 Ion Ratio Lower Upper
 117 100
 119 98.0 77.0 115.6
 121 23.3 24.5 36.7#





#36

Benzene

Concen: 0.114 ppbv

RT: 6.87 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

Instrument :

MSVOA_L

ClientSampleId :

C0P00

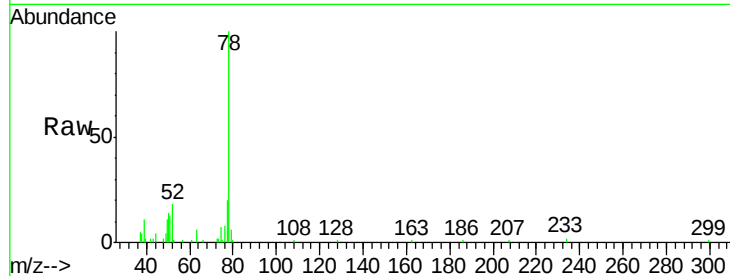
Tgt Ion: 78 Resp: 41853

Ion Ratio Lower Upper

78 100

77 20.2 19.0 28.4

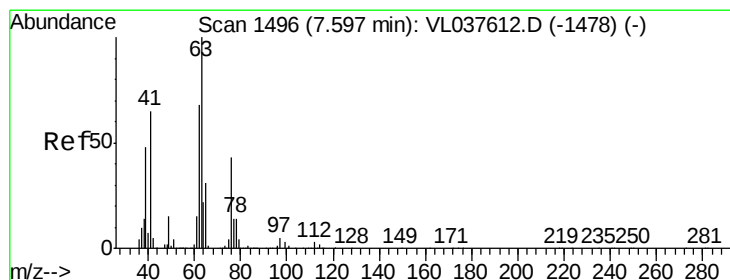
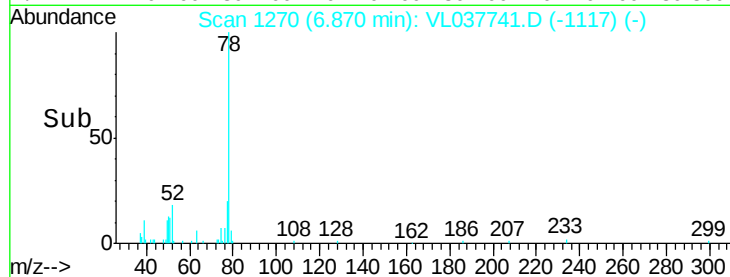
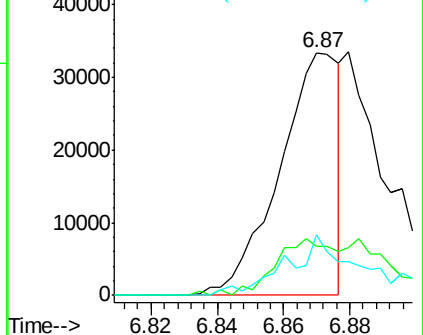
50 25.0 14.8 22.2#



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#39

1,2-Dichloropropane

Concen: 7.279 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. -0.44 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

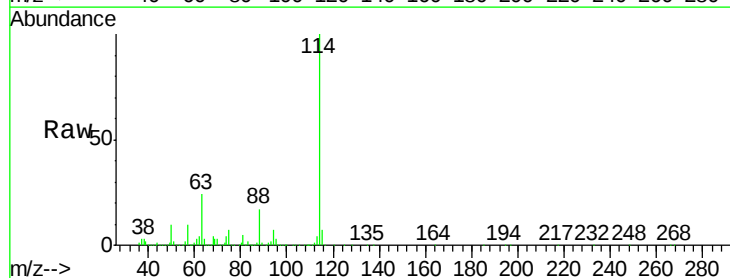
Tgt Ion: 63 Resp: 1024111

Ion Ratio Lower Upper

63 100

41 0.0 51.6 77.4#

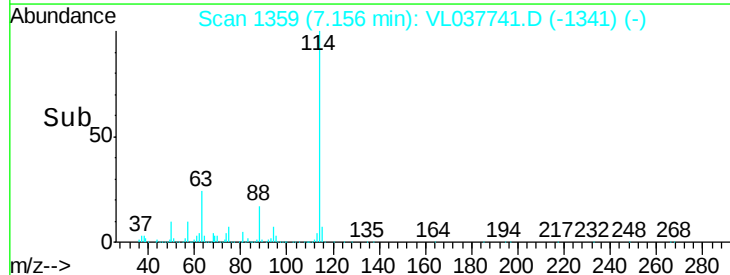
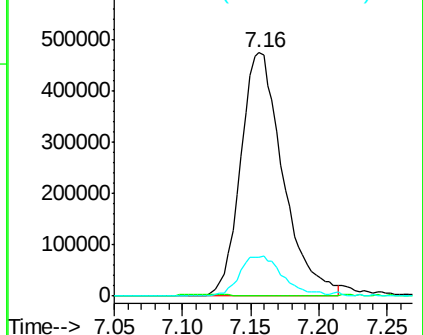
62 16.0 54.6 81.8#

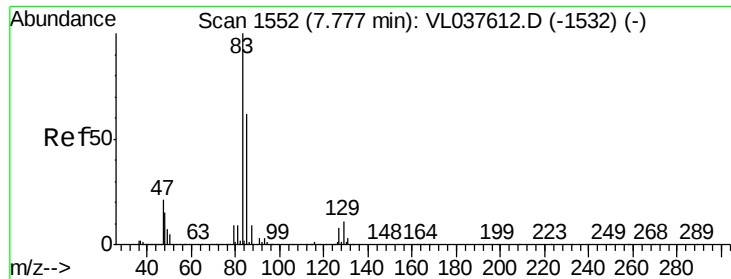


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#42

Bromodichloromethane

Concen: 0.031 ppbv

RT: 7.77 min Scan# 1550

Delta R.T. -0.01 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

Instrument :

MSVOA_L

ClientSampleId :

C0P00

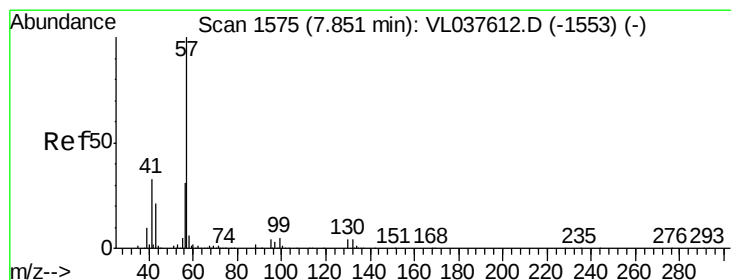
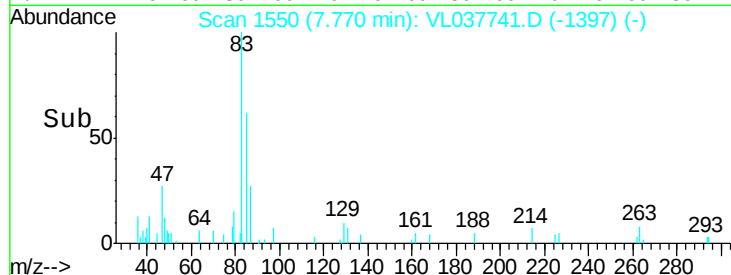
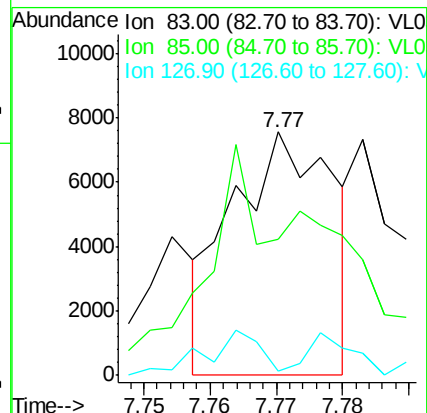
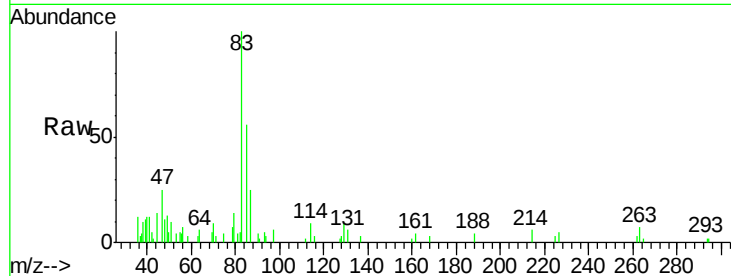
Tgt Ion: 83 Resp: 8002

Ion Ratio Lower Upper

83 100

85 42.4 49.8 74.6#

127 0.0 6.4 9.6#



#44

2,2,4-Trimethylpentane

Concen: 0.071 ppbv

RT: 7.85 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

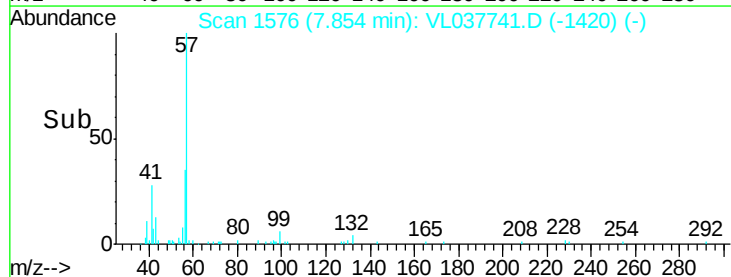
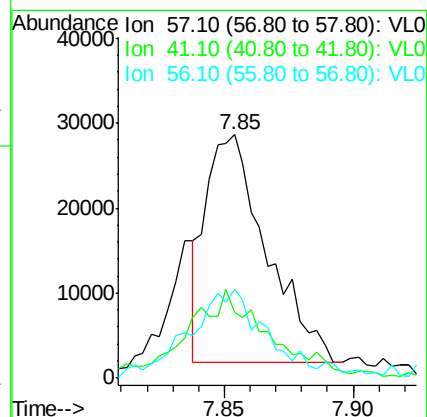
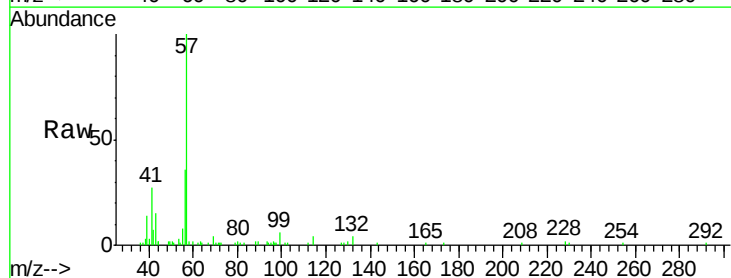
Tgt Ion: 57 Resp: 43818

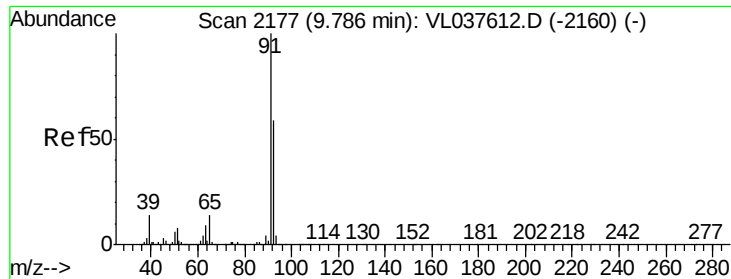
Ion Ratio Lower Upper

57 100

41 52.4 26.1 39.1#

56 51.8 25.7 38.5#





#53

Toluene

Concen: 0.053 ppbv

RT: 9.78 min Scan# 2175

Delta R.T. -0.01 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

Instrument :

MSVOA_L

ClientSampleId :

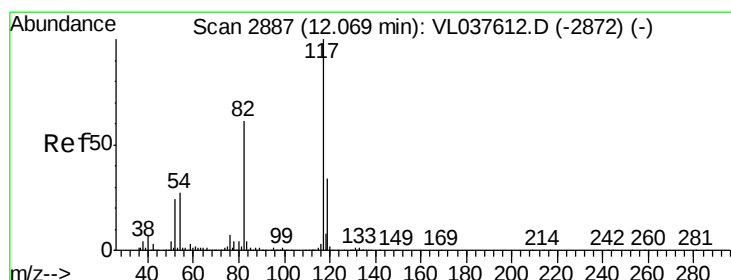
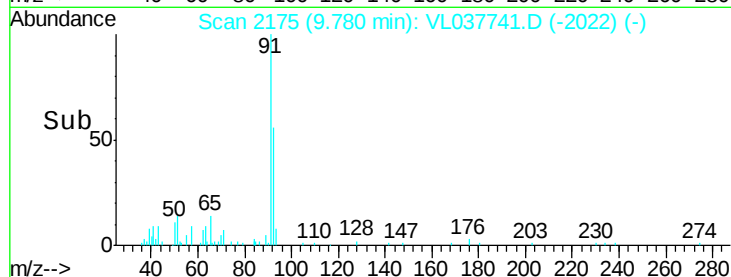
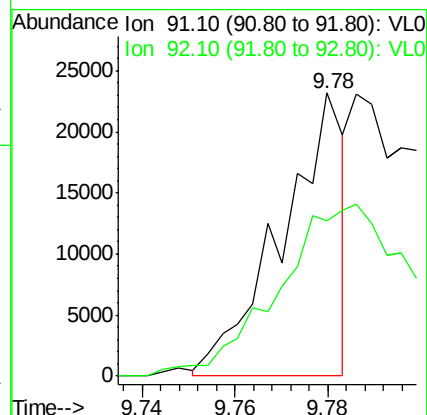
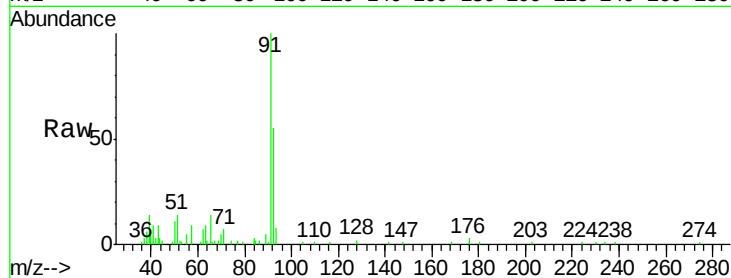
C0P00

Tgt Ion: 91 Resp: 21694

Ion Ratio Lower Upper

91 100

92 0.0 48.9 73.3#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.01 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

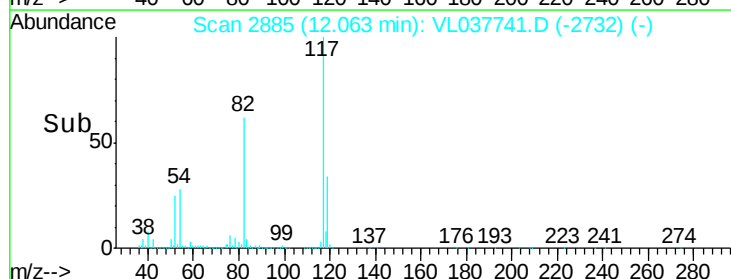
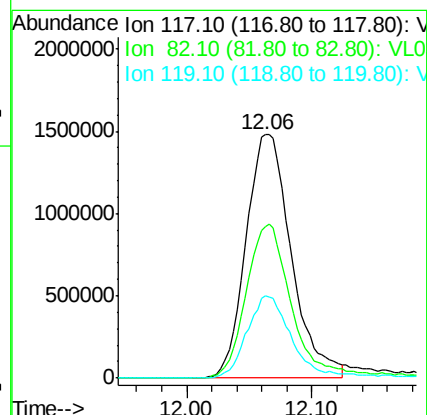
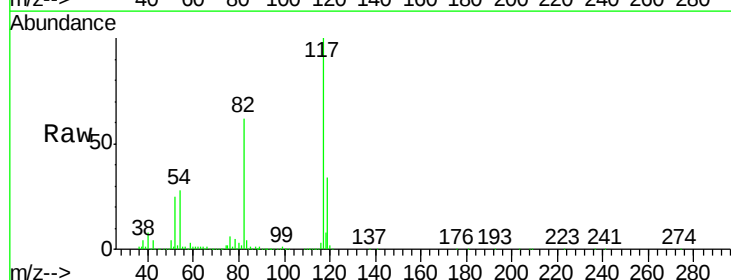
Tgt Ion: 117 Resp: 3713150

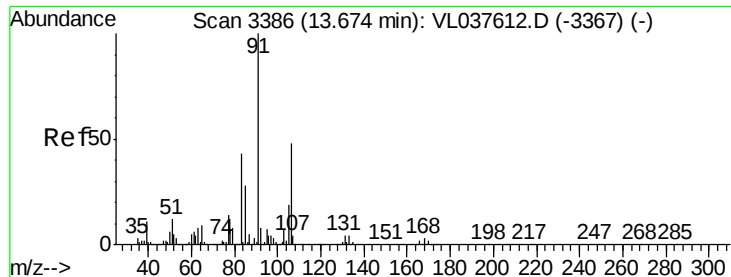
Ion Ratio Lower Upper

117 100

82 65.7 50.6 75.8

119 34.6 26.2 39.2





#60

o-Xylene

Concen: 0.037 ppbv

RT: 13.66 min Scan# 3383

Delta R.T. -0.01 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

Instrument :

MSVOA_L

ClientSampleId :

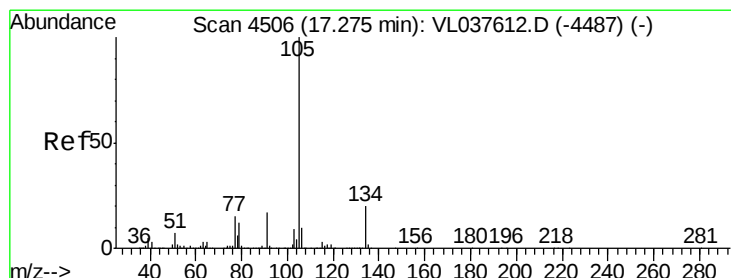
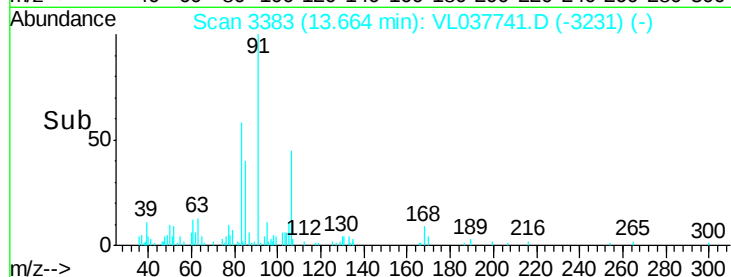
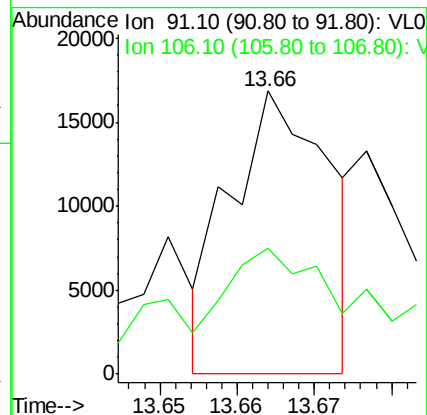
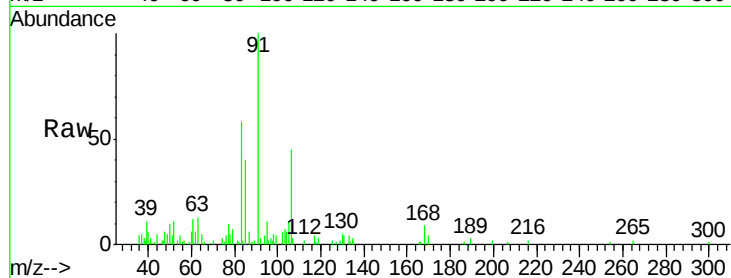
C0P00

Tgt Ion: 91 Resp: 15002

Ion Ratio Lower Upper

91 100

106 108.4 23.0 69.0#



#67

sec-Butylbenzene

Concen: 0.037 ppbv

RT: 17.27 min Scan# 4505

Delta R.T. -0.00 min

Lab File: VL037741.D

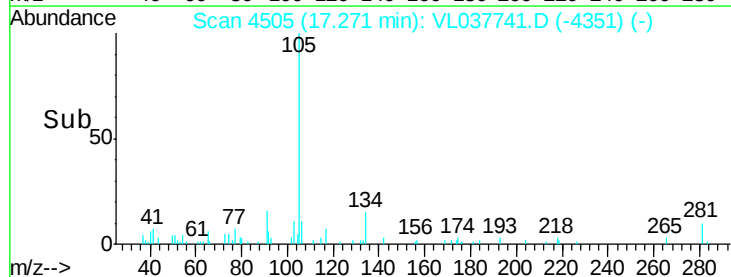
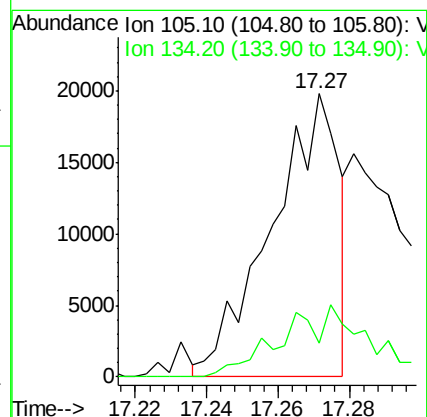
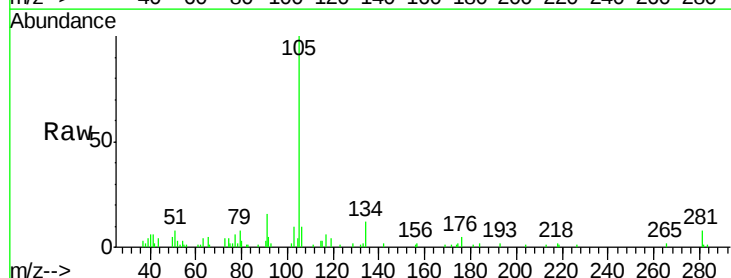
Acq: 1 Oct 2021 14:43

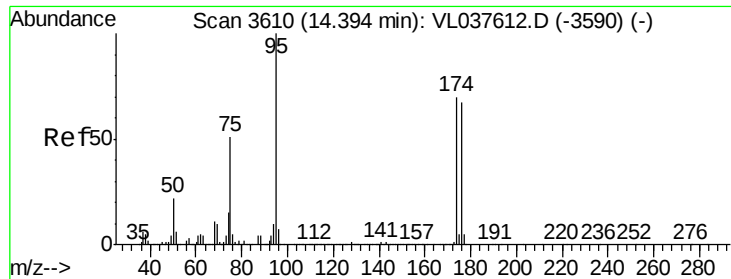
Tgt Ion: 105 Resp: 25898

Ion Ratio Lower Upper

105 100

134 32.2 15.7 23.5#

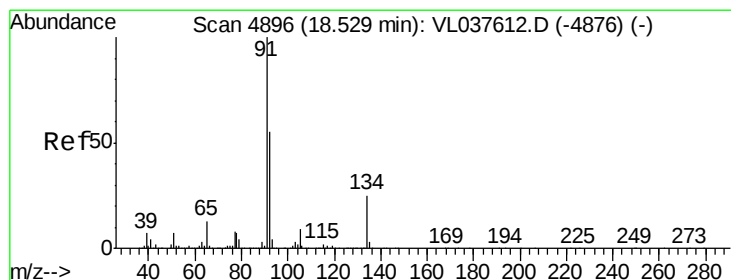
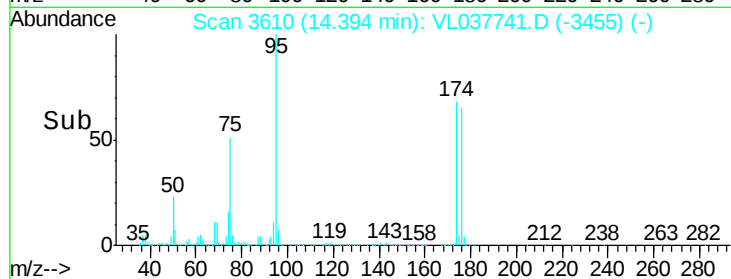
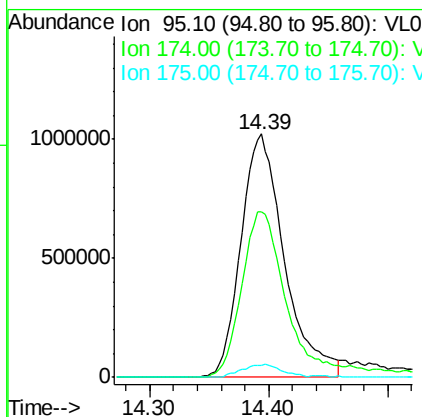
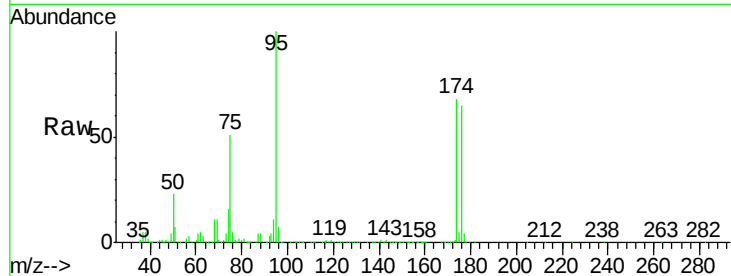




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.640 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.00 min
 Lab File: VL037741.D
 Acq: 1 Oct 2021 14:43

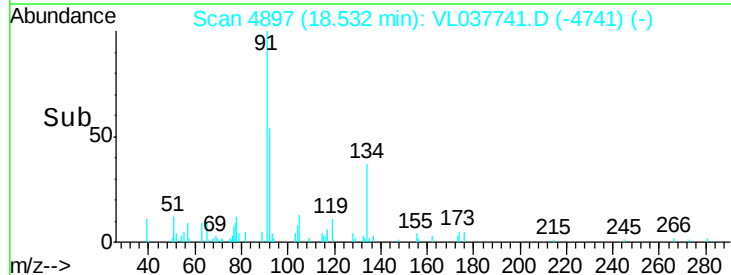
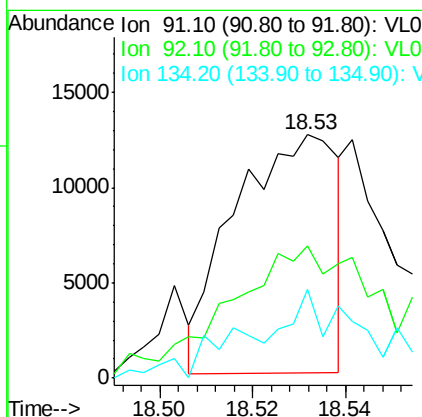
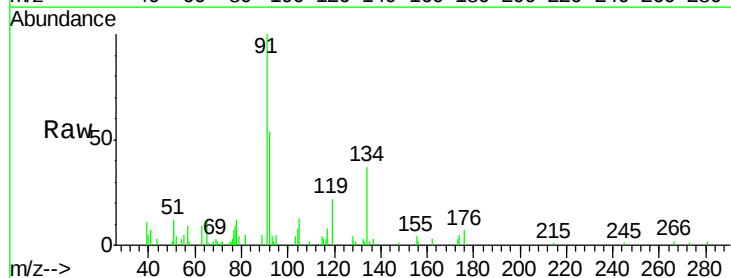
Instrument :
 MSVOA_L
 ClientSampleId :
 C0P00

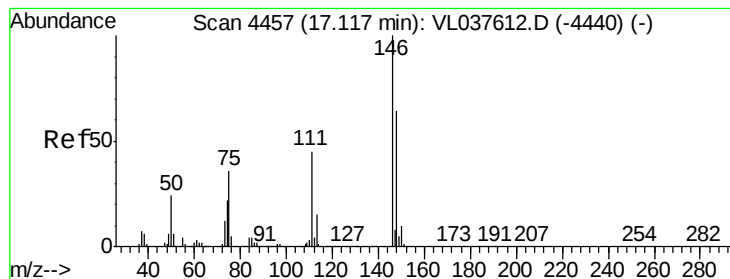
Tgt Ion: 95 Resp: 2586885
 Ion Ratio Lower Upper
 95 100
 174 76.1 56.3 84.5
 175 5.2 4.4 6.6



#70
 n-Butylbenzene
 Concen: 0.035 ppbv
 RT: 18.53 min Scan# 4897
 Delta R.T. 0.00 min
 Lab File: VL037741.D
 Acq: 1 Oct 2021 14:43

Tgt Ion: 91 Resp: 19145
 Ion Ratio Lower Upper
 91 100
 92 102.7 44.0 66.0#
 134 51.3 19.5 29.3#





#76

1,4-Dichlorobenzene

Concen: 0.040 ppbv

RT: 17.11 min Scan# 4456

Delta R.T. -0.00 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

Instrument :

MSVOA_L

ClientSampleId :

C0P00

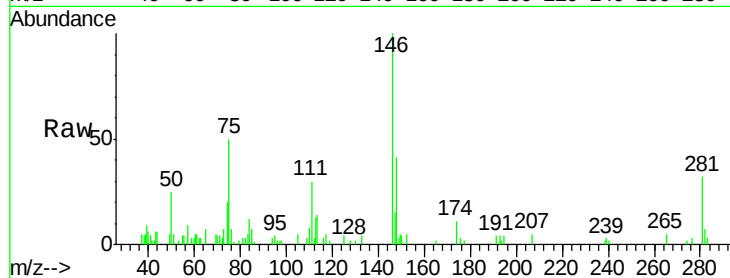
Tgt Ion:146 Resp: 11270

Ion Ratio Lower Upper

146 100

111 94.4 22.5 67.5#

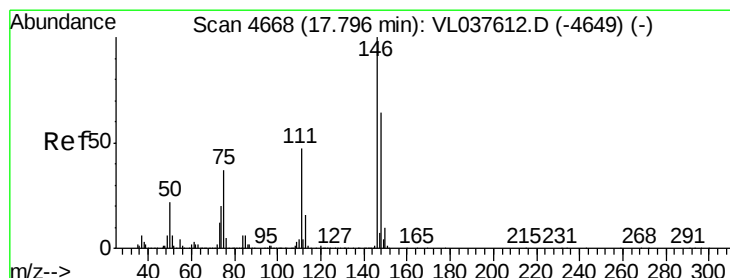
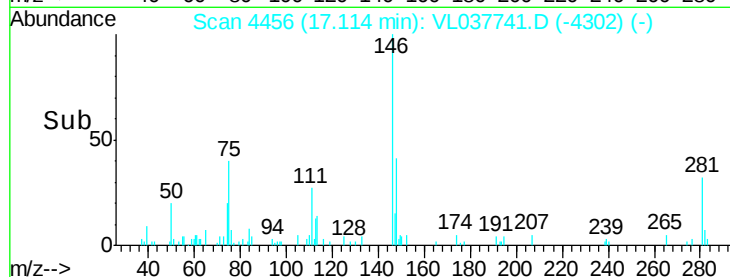
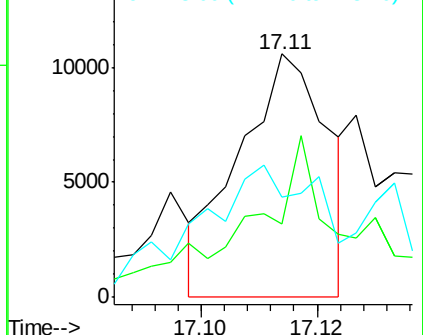
148 137.7 32.9 98.6#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#77

1,2-Dichlorobenzene

Concen: 0.030 ppbv

RT: 17.79 min Scan# 4666

Delta R.T. -0.01 min

Lab File: VL037741.D

Acq: 1 Oct 2021 14:43

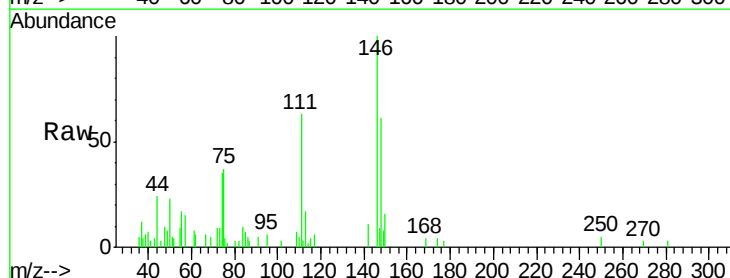
Tgt Ion:146 Resp: 8230

Ion Ratio Lower Upper

146 100

111 0.0 24.0 72.0#

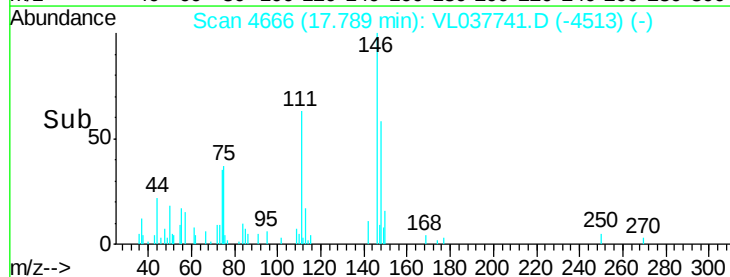
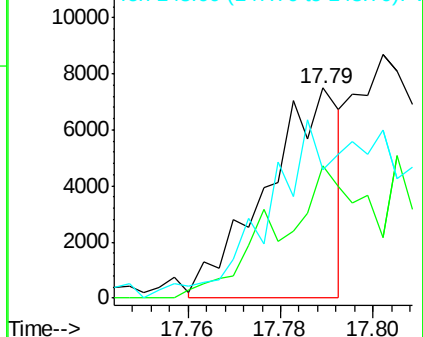
148 207.0 32.8 98.3#

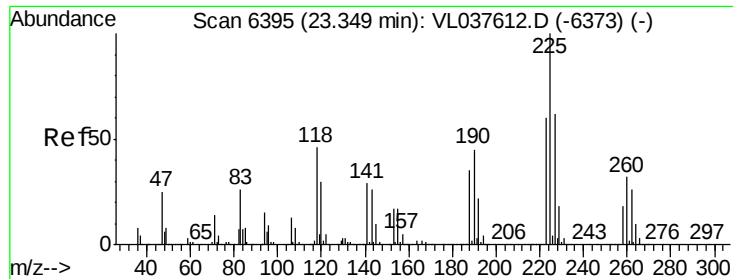


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

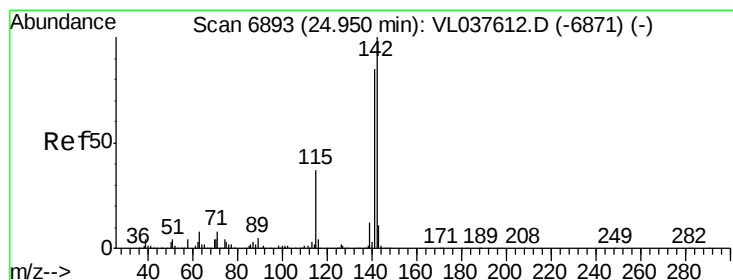
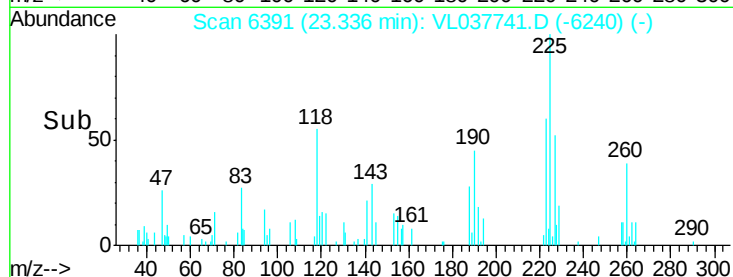
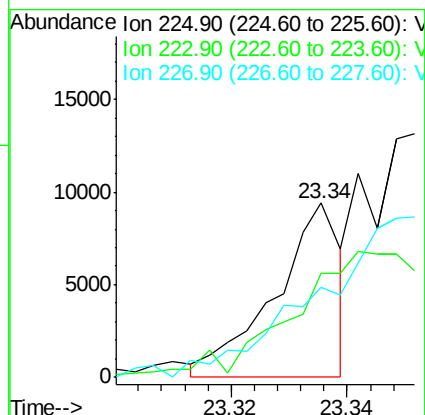
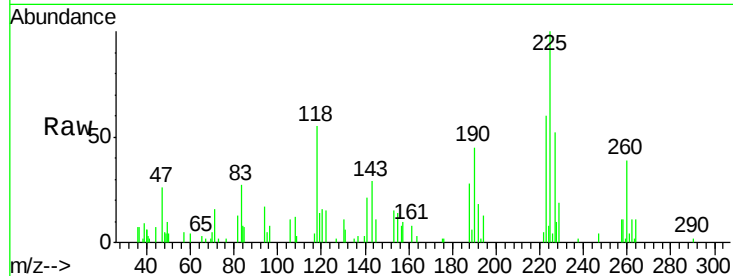




#78
 Hexachloro-1,3-Butadiene
 Concen: 0.032 ppbv
 RT: 23.34 min Scan# 6391
 Delta R.T. -0.01 min
 Lab File: VL037741.D
 Acq: 1 Oct 2021 14:43

Instrument :
 MSVOA_L
 ClientSampled :
 C0P00

Tgt Ion: 225 Resp: 7389
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.1 76.7#
 227 0.0 52.2 78.4#



#80
 Naphthalene, 2-methyl-
 Concen: 0.065 ppbv
 RT: 24.96 min Scan# 6896
 Delta R.T. 0.01 min
 Lab File: VL037741.D
 Acq: 1 Oct 2021 14:43

Tgt Ion: 142 Resp: 4173
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.9 106.3
 115 30.8 29.6 44.4

