

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037773.D
 Acq On : 5 Oct 2021 14:41
 Operator : SY/AP
 Sample : M4012-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P17

Quant Time: Oct 06 04:46:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

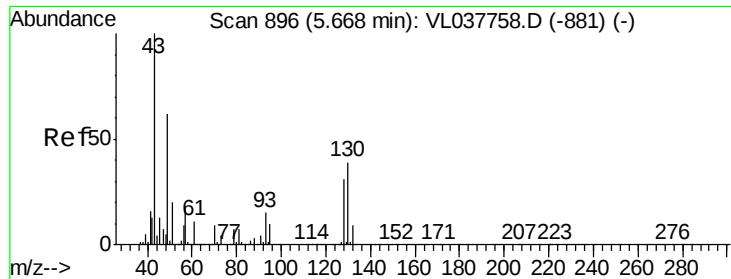
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1340897	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3804260	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	3357129	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1049119	4.47	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	44.70%#

Target Compounds						Qvalue
3) Chlorodifluoromethane	2.98	51	49222	0.191	ppbv #	90
4) Chloromethane	3.13	50	23837	0.253	ppbv #	85
9) Propene	3.00	41	8866	0.094	ppbv #	1
10) Heptane	8.10	43	17749	0.082	ppbv #	64
11) Trichlorofluoromethane	3.94	101	34761	0.182	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.47	101	5158	0.036	ppbv #	1
13) Ethanol	3.60	45	350379	45.194	ppbv	90
15) Acetone	3.84	43	1617910	13.441	ppbv	92
17) tert-Butyl alcohol	4.29	59	14448	0.117	ppbv #	80
18) 1,1-Dichloroethene	4.28	96	2647	0.040	ppbv #	85
19) Isopropyl Alcohol	3.96	45	3773458	50.389	ppbv #	99
20) Methylene Chloride	4.33	84	821659	13.510	ppbv	98
21) Allyl Chloride	4.34	41	12703	0.119	ppbv #	23
23) Vinyl Acetate	5.05	43	449778	2.493	ppbv #	97
25) Ethyl Acetate	5.67	43	279397	0.827	ppbv #	84
26) Hexane	5.67	57	317253	1.907	ppbv #	49
27) Carbon Disulfide	4.54	76	20272	0.138	ppbv #	1
29) Chloroform	5.74	83	4513098	18.983	ppbv	99
34) 2-Butanone	5.23	43	292258	1.903	ppbv	96
36) Benzene	6.88	78	11399	0.035	ppbv #	84
38) Trichloroethene	7.82	130	3001	0.023	ppbv #	58
39) 1,2-Dichloropropane	7.16	63	897584	7.344	ppbv #	29
41) Tetrahydrofuran	6.29	42	1592	0.021	ppbv #	36
42) Bromodichloromethane	7.78	83	32439	0.144	ppbv #	88
50) 4-Methyl-2-Pentanone	8.73	43	14540	0.073	ppbv #	19
51) 2-Hexanone	10.12	43	4997	0.056	ppbv #	1
52) Tetrachloroethene	11.21	164	2697515	21.338	ppbv	96
53) Toluene	9.78	91	105380	0.293	ppbv	92
58) Ethyl Benzene	12.70	91	20871	0.046	ppbv	91
59) m/p-Xylene	12.97	91	25729	0.066	ppbv #	30
60) o-Xylene	13.67	91	24613	0.066	ppbv #	41
61) Styrene	13.50	104	4796	0.027	ppbv #	22
66) Benzyl Chloride	16.94	91	3628	0.162	ppbv #	78
73) 1,3,5-Trimethylbenzene	15.96	105	7880	0.021	ppbv #	68
74) 1,2,4-Trimethylbenzene	16.73	105	70358	0.175	ppbv #	74
75) 1,3-Dichlorobenzene	16.97	146	208298	0.837	ppbv #	32
79) Naphthalene	22.16	128	19939	0.081	ppbv #	96
80) Naphthalene,2-methyl-	24.95	142	3910	0.059	ppbv #	64

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

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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

Instrument :

MSVOA_L

ClientSampleId :

C0P17

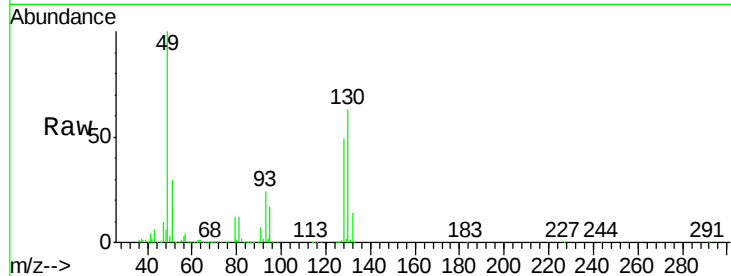
Tgt Ion: 49 Resp: 1340897

Ion Ratio Lower Upper

49 100

128 52.3 27.1 81.3

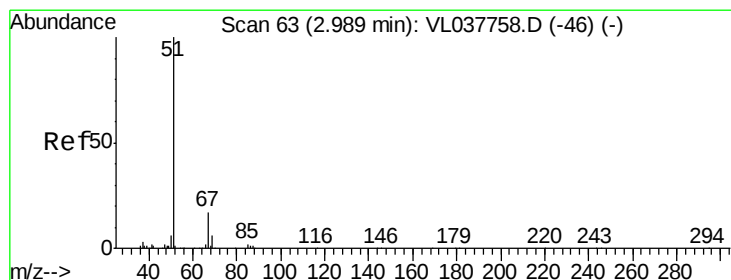
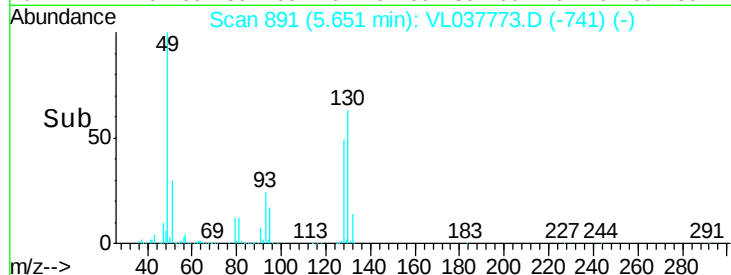
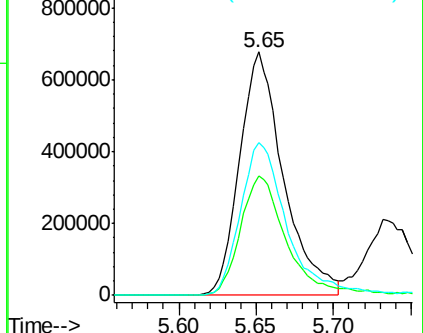
130 68.4 33.2 99.6



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



#3

Chlorodifluoromethane

Concen: 0.191 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.01 min

Lab File: VL037773.D

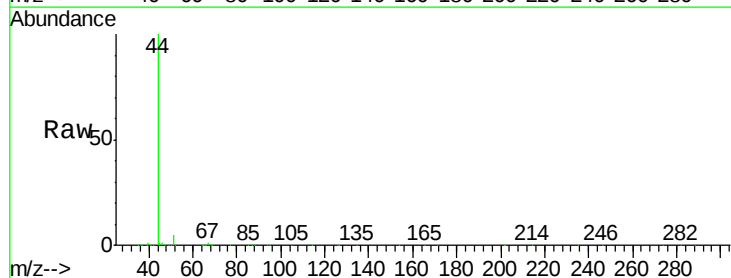
Acq: 5 Oct 2021 14:41

Tgt Ion: 51 Resp: 49222

Ion Ratio Lower Upper

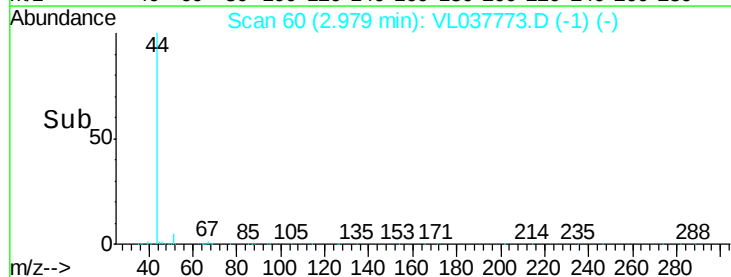
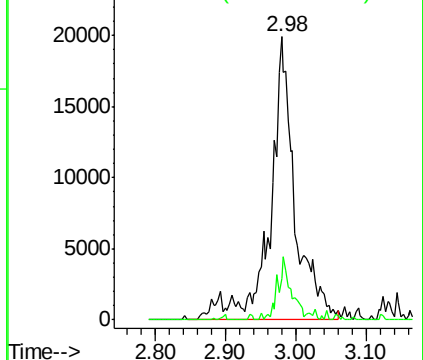
51 100

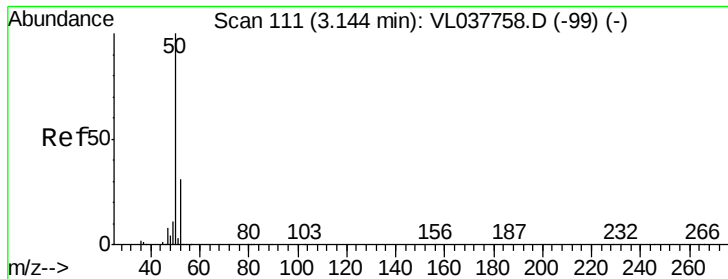
67 12.8 13.5 20.3#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.253 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

Instrument :

MSVOA_L

ClientSampleId :

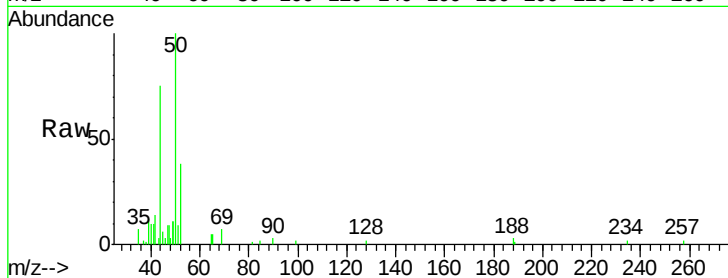
C0P17

Tgt Ion: 50 Resp: 23837

Ion Ratio Lower Upper

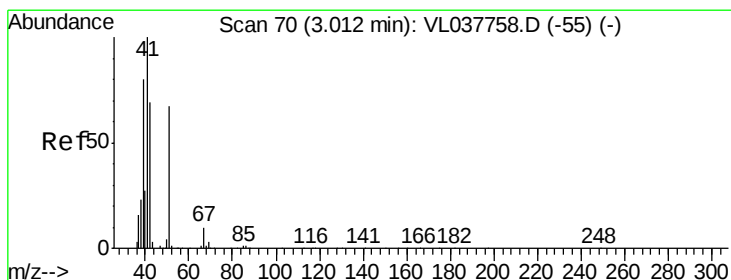
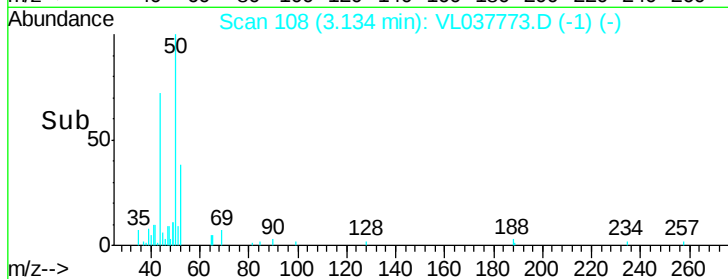
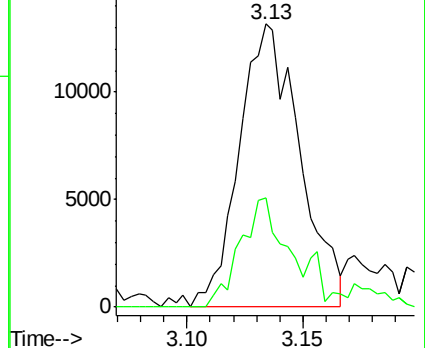
50 100

52 38.5 24.4 36.6#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#9

Propene

Concen: 0.094 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL037773.D

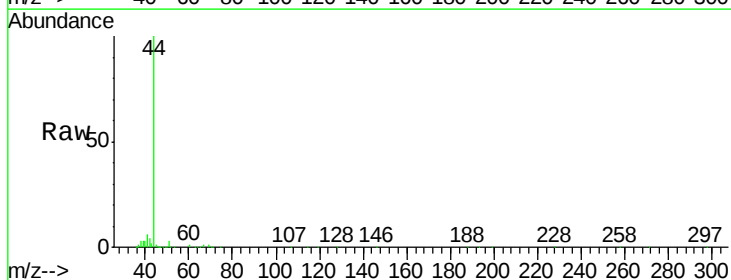
Acq: 5 Oct 2021 14:41

Tgt Ion: 41 Resp: 8866

Ion Ratio Lower Upper

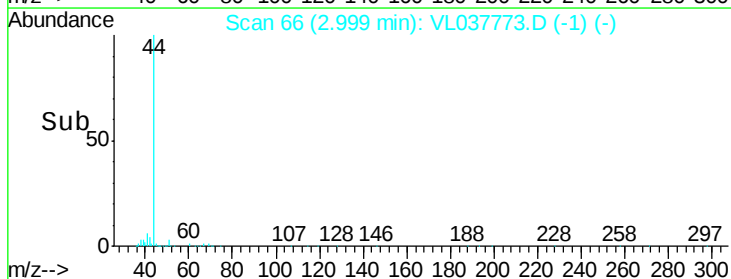
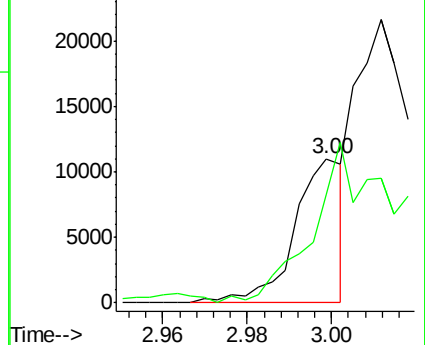
41 100

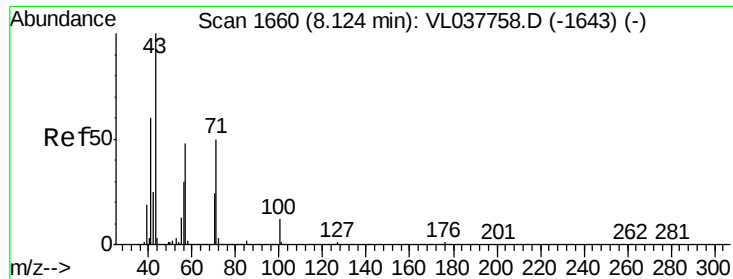
42 266.2 54.2 81.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.082 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. -0.02 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

Instrument :

MSVOA_L

ClientSampleId :

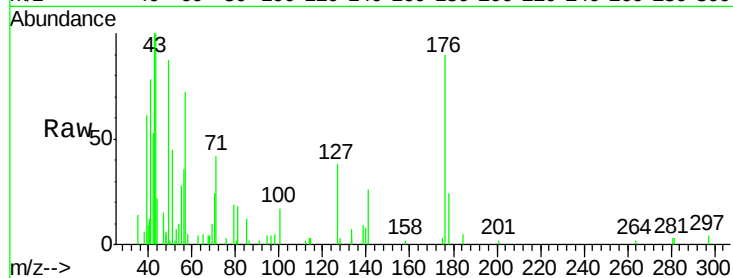
C0P17

Tgt Ion: 43 Resp: 17749

Ion Ratio Lower Upper

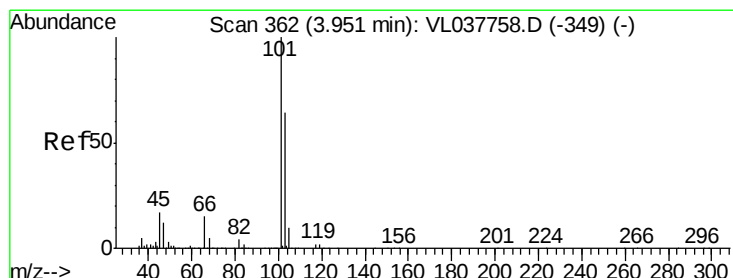
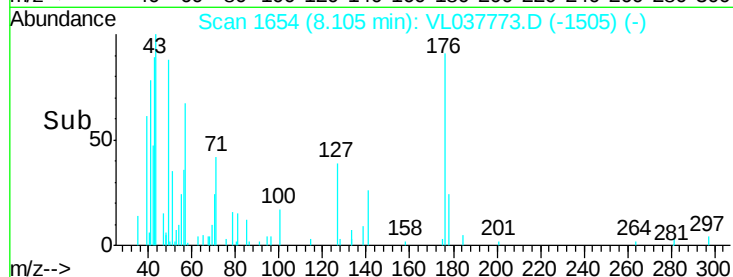
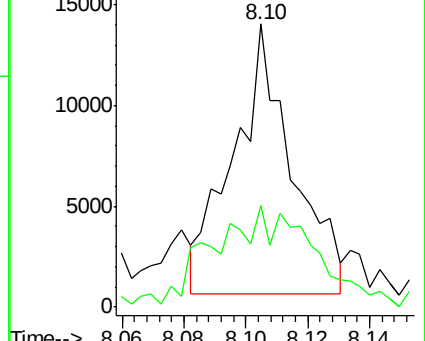
43 100

57 74.5 40.0 60.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.182 ppbv

RT: 3.94 min Scan# 359

Delta R.T. -0.01 min

Lab File: VL037773.D

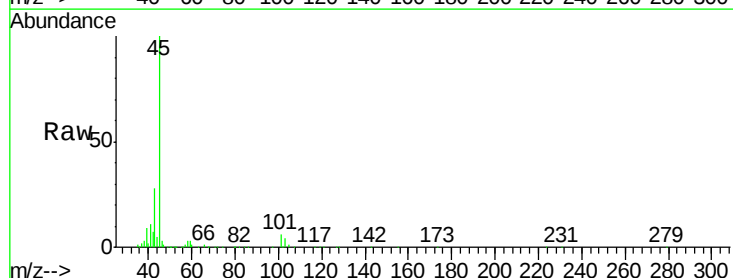
Acq: 5 Oct 2021 14:41

Tgt Ion: 101 Resp: 34761

Ion Ratio Lower Upper

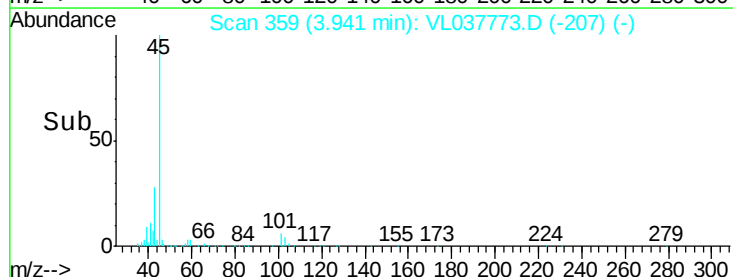
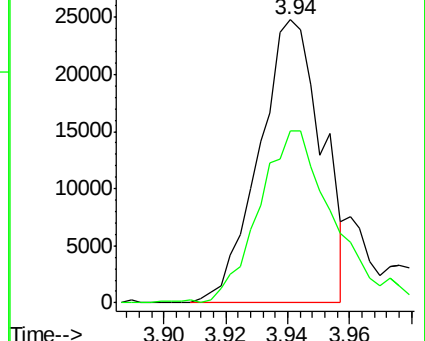
101 100

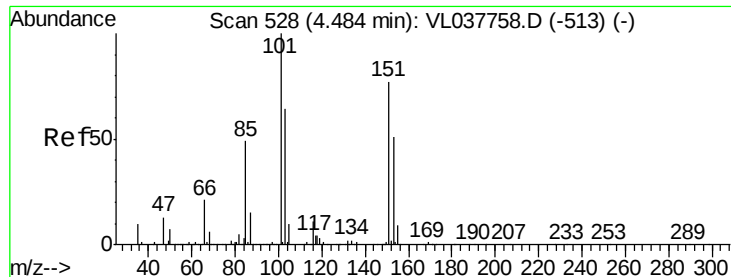
103 59.5 51.5 77.3



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: 0.036 ppbv

RT: 4.47 min Scan# 524

Delta R.T. -0.01 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

Instrument :

MSVOA_L

ClientSampleId :

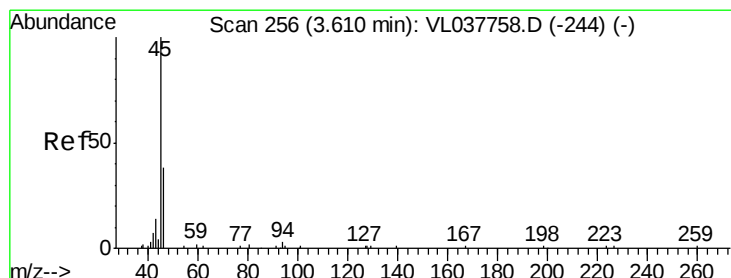
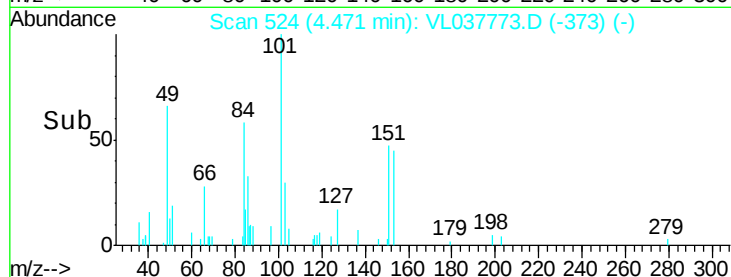
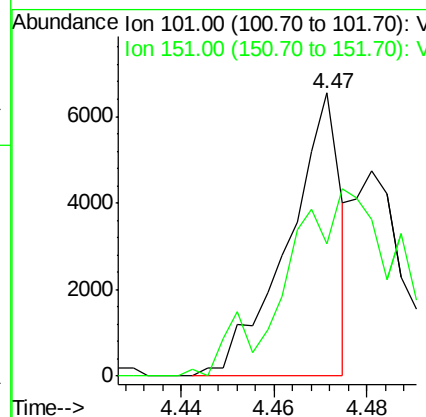
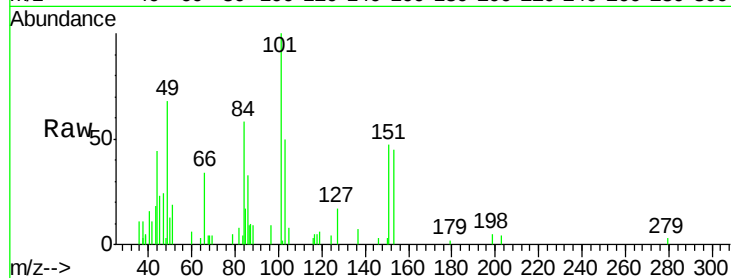
C0P17

Tgt Ion:101 Resp: 5158

Ion Ratio Lower Upper

101 100

151 168.6 62.9 94.3#



#13

Ethanol

Concen: 45.194 ppbv

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL037773.D

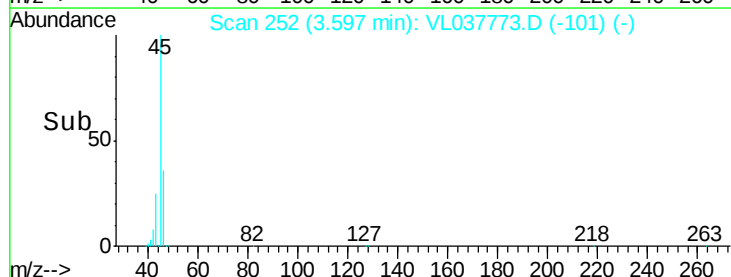
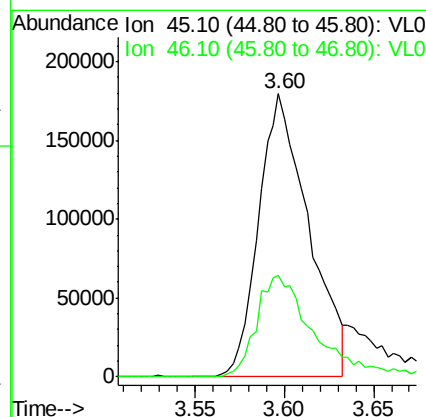
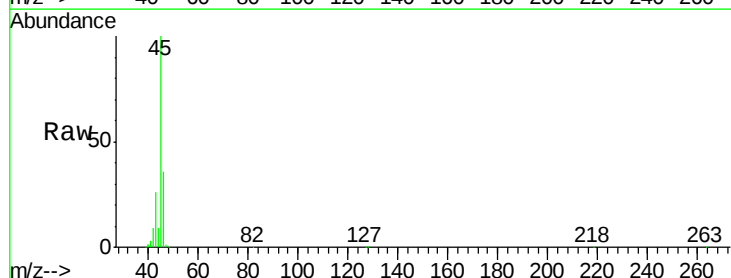
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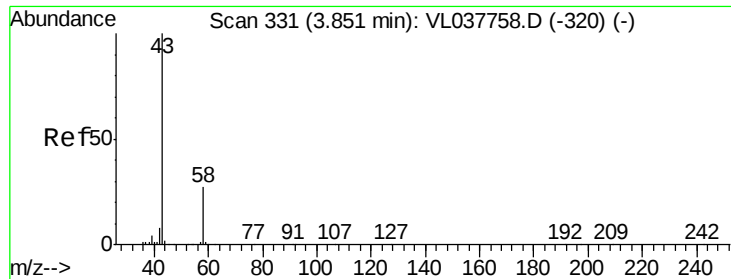
Tgt Ion: 45 Resp: 350379

Ion Ratio Lower Upper

45 100

46 43.6 20.2 81.0

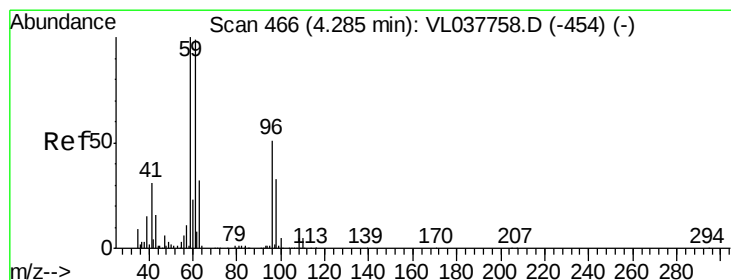
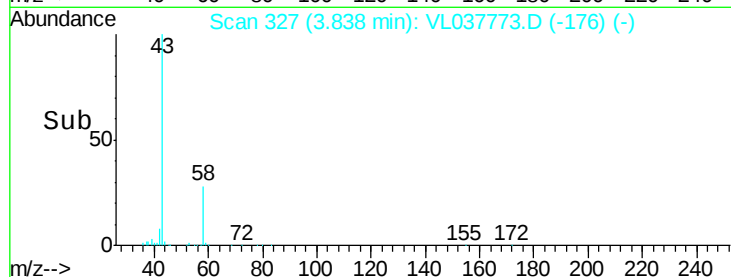
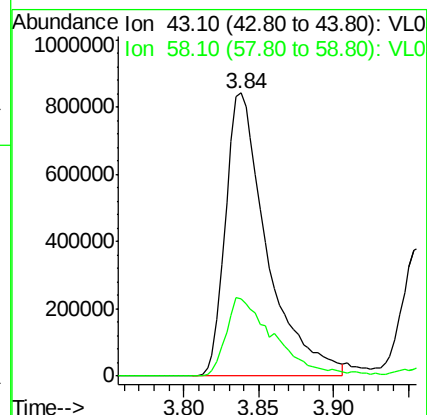
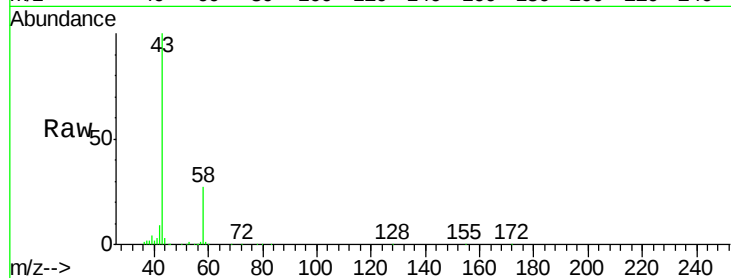




#15
Acetone
Concen: 13.441 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

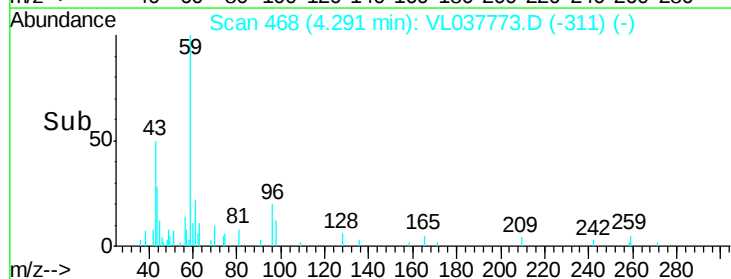
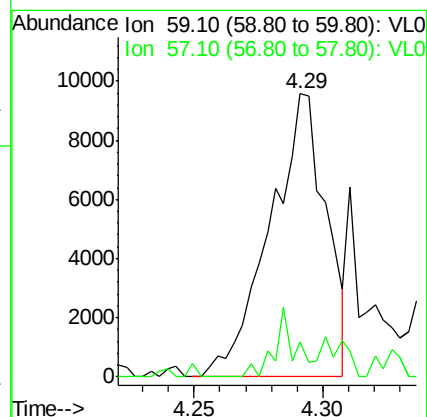
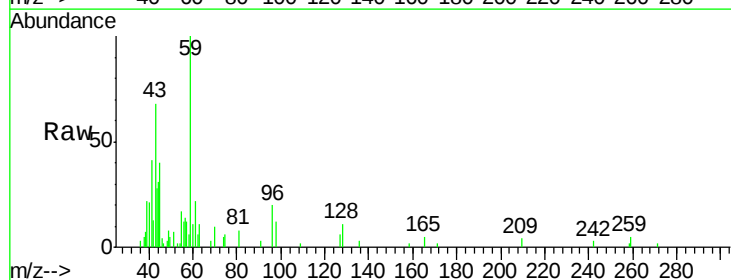
Instrument :
MSVOA_L
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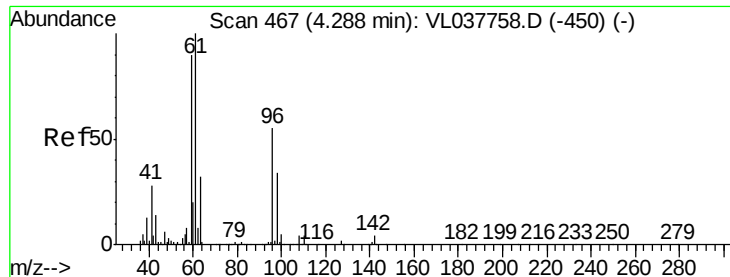
Tgt Ion: 43 Resp: 1617910
Ion Ratio Lower Upper
43 100
58 32.9 23.0 34.6



#17
tert-Butyl alcohol
Concen: 0.117 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.01 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

Tgt Ion: 59 Resp: 14448
Ion Ratio Lower Upper
59 100
57 18.3 8.6 13.0#





#18

1,1-Dichloroethene

Concen: 0.040 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.01 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

Instrument :

MSVOA_L

ClientSampleId :

C0P17

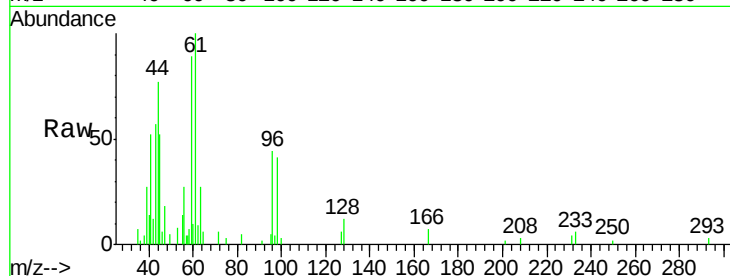
Tgt Ion: 96 Resp: 2647

Ion Ratio Lower Upper

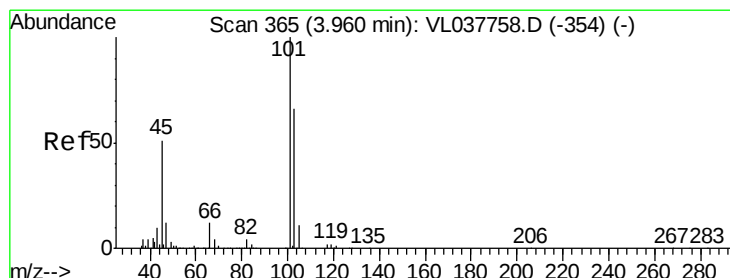
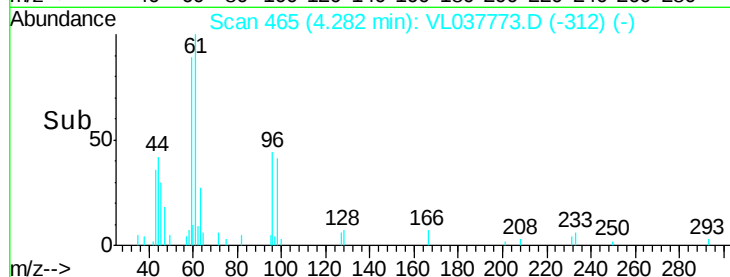
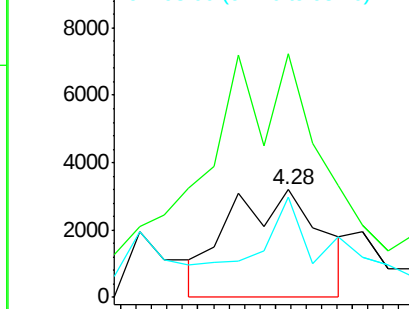
96 100

61 190.3 146.2 219.4

98 96.4 50.0 75.0#



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0



#19

Isopropyl Alcohol

Concen: 50.389 ppbv

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VL037773.D

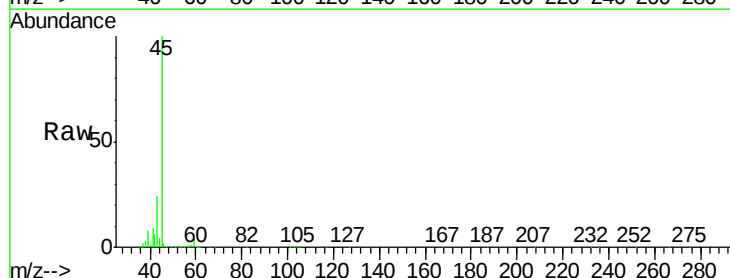
Acq: 5 Oct 2021 14:41

Tgt Ion: 45 Resp: 3773458

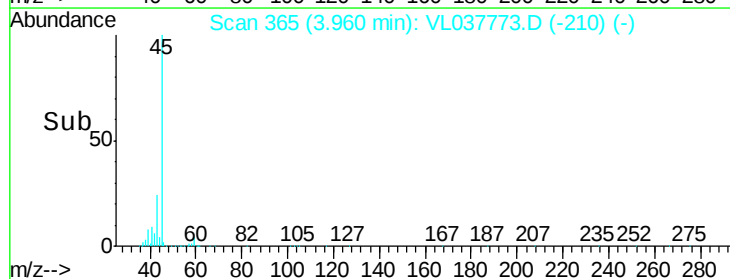
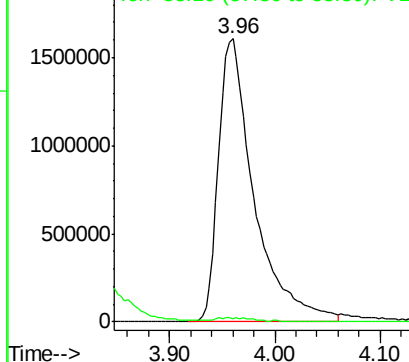
Ion Ratio Lower Upper

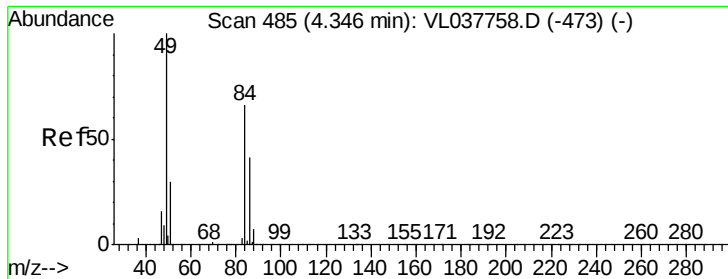
45 100

58 1.8 1.1 1.7#



Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 58.10 (57.80 to 58.80): VL0

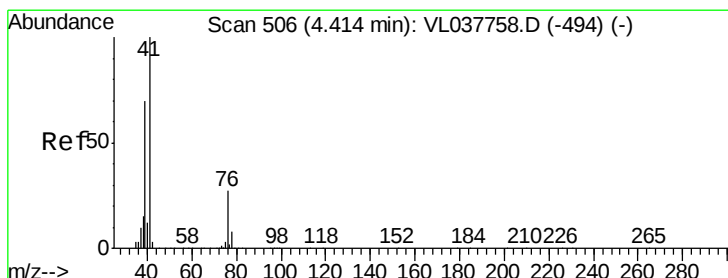
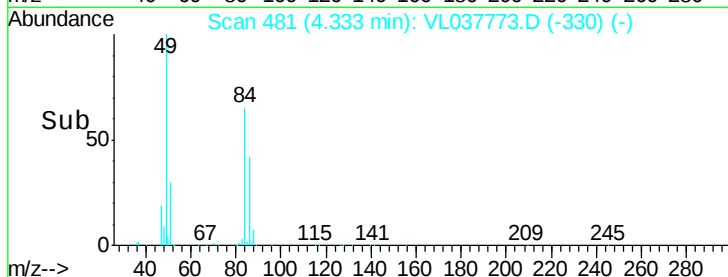
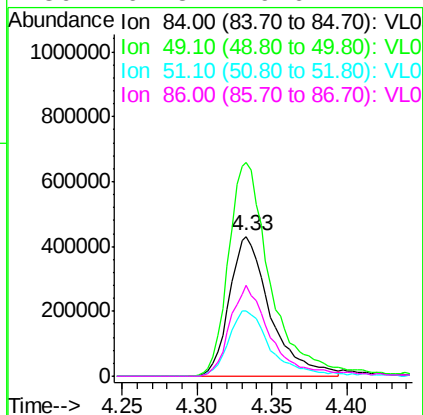
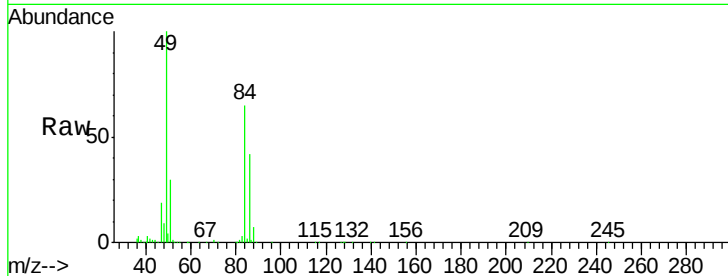




#20
Methylene Chloride
Concen: 13.510 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

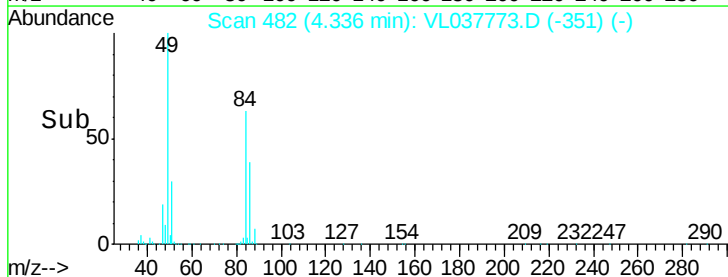
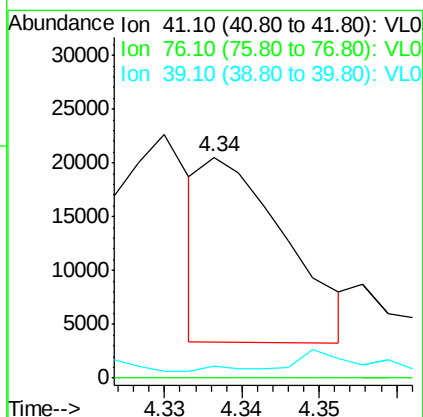
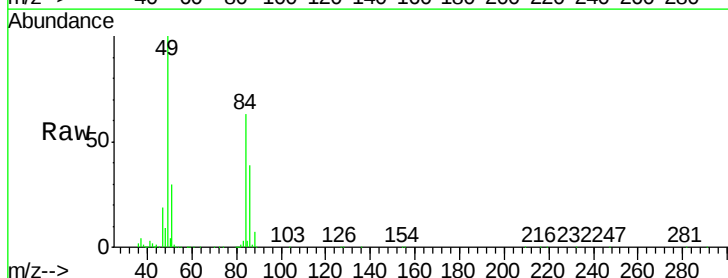
Instrument :
MSVOA_L
ClientSampleId :
C0P17

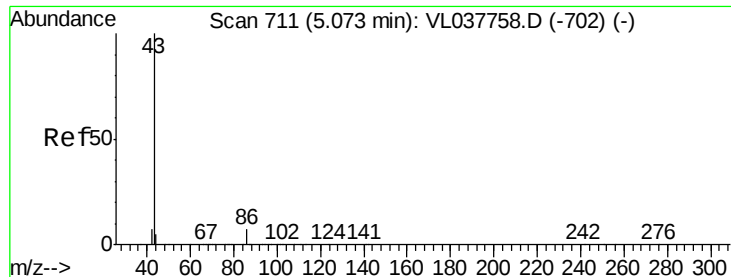
Tgt Ion: 84 Resp: 821659
Ion Ratio Lower Upper
84 100
49 152.9 120.7 181.1
51 46.4 36.2 54.4
86 64.8 49.6 74.4



#21
Allyl Chloride
Concen: 0.119 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.08 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

Tgt Ion: 41 Resp: 12703
Ion Ratio Lower Upper
41 100
76 0.0 22.4 33.6#
39 0.0 58.0 87.0#





#23

Vinyl Acetate

Concen: 2.493 ppbv

RT: 5.05 min Scan# 704

Delta R.T. -0.02 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

Instrument :

MSVOA_L

ClientSampleId :

C0P17

Tgt Ion: 43 Resp: 449778

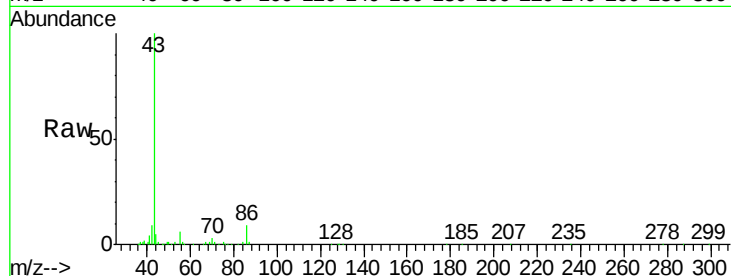
Ion Ratio Lower Upper

43 100

86 8.9 5.0 7.4#

42 9.2 7.4 11.0

44 3.5 3.8 5.6#

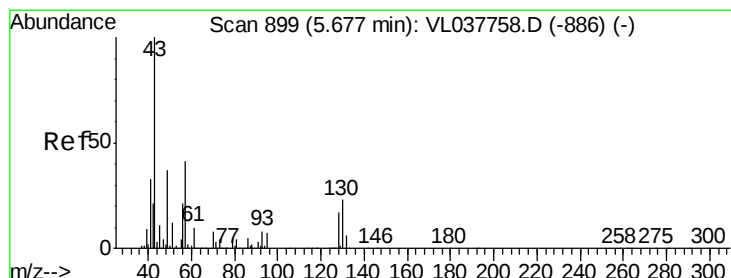
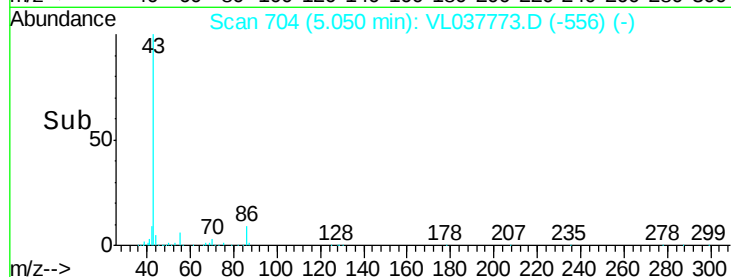
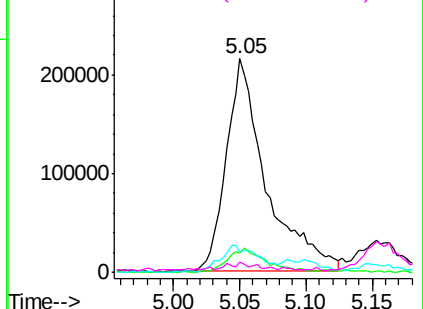


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.827 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

Tgt Ion: 43 Resp: 279397

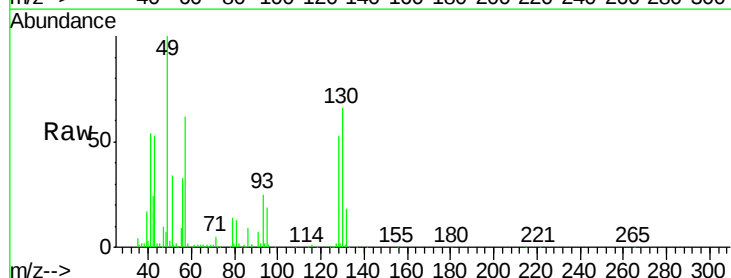
Ion Ratio Lower Upper

43 100

45 4.2 8.1 12.1#

61 2.9 7.5 11.3#

70 3.1 5.9 8.9#

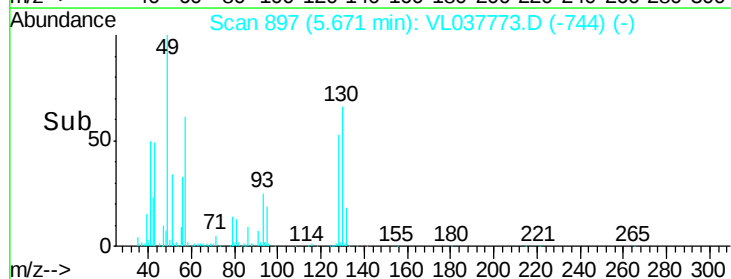
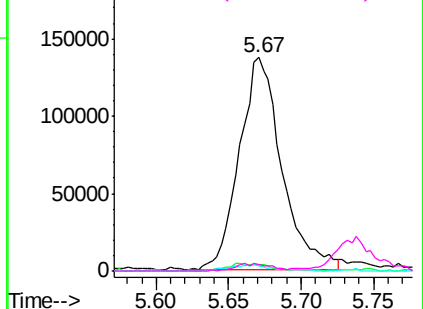


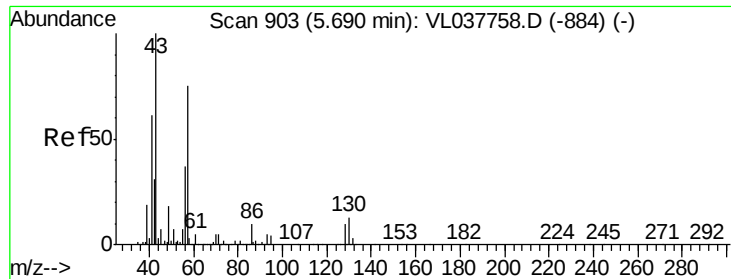
Abundance Ion 43.10 (42.80 to 43.80): VL0

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

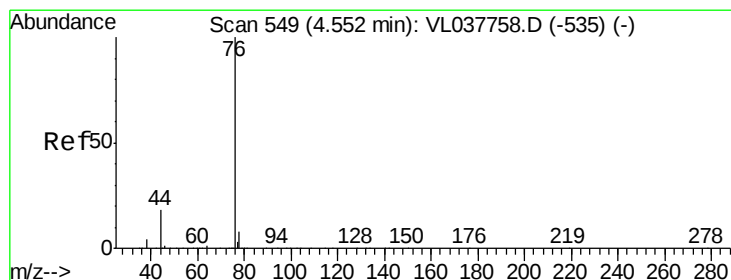
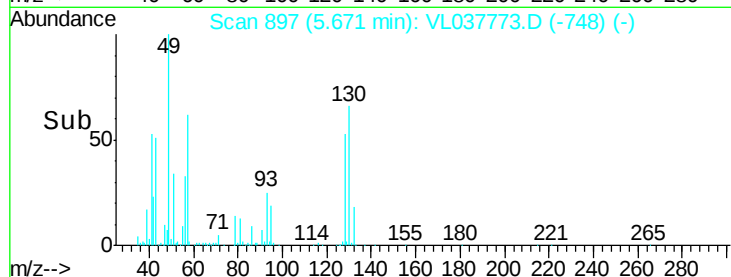
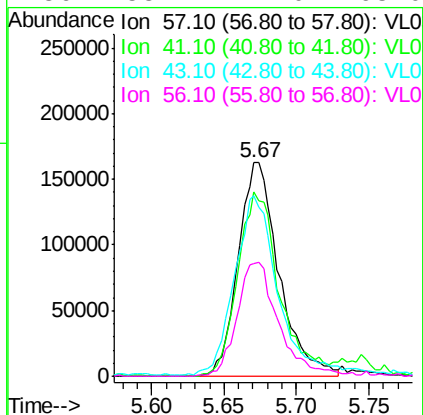
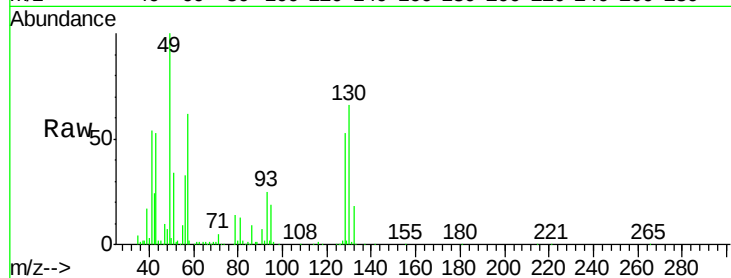




#26
Hexane
Concen: 1.907 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

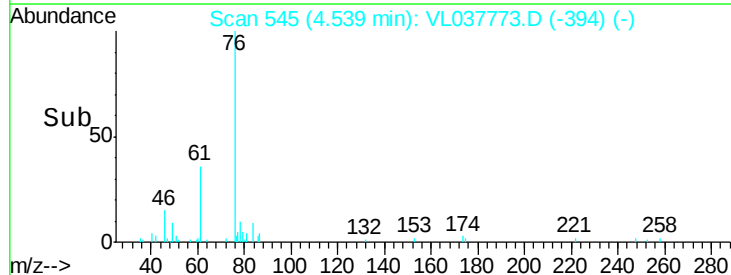
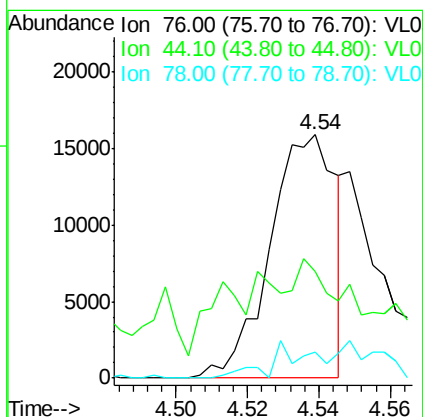
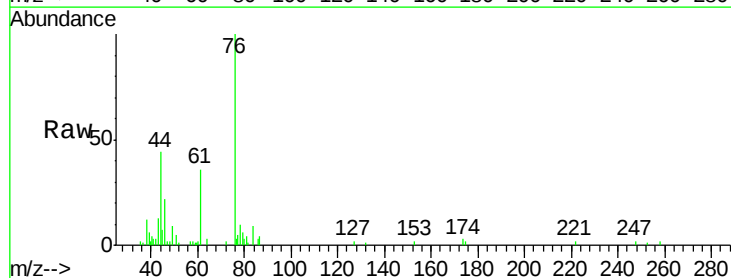
Instrument :
MSVOA_L
ClientSampleId :
C0P17

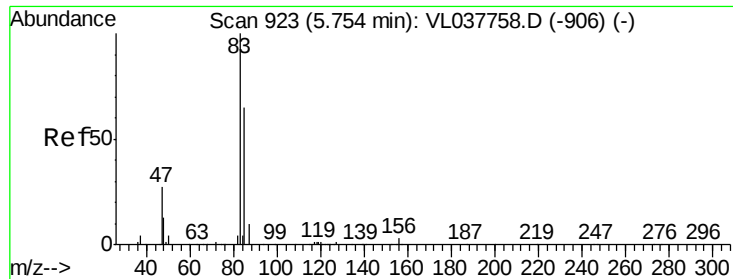
Tgt Ion: 57 Resp: 317253
Ion Ratio Lower Upper
57 100
41 97.8 69.6 104.4
43 90.5 171.4 257.0#
56 55.4 42.0 63.0



#27
Carbon Disulfide
Concen: 0.138 ppbv
RT: 4.54 min Scan# 545
Delta R.T. -0.01 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

Tgt Ion: 76 Resp: 20272
Ion Ratio Lower Upper
76 100
44 86.0 14.3 21.5#
78 0.0 7.8 11.6#





#29

Chloroform

Concen: 18.983 ppbv

RT: 5.74 min Scan# 918

Delta R.T. -0.02 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

Instrument :

MSVOA_L

ClientSampleId :

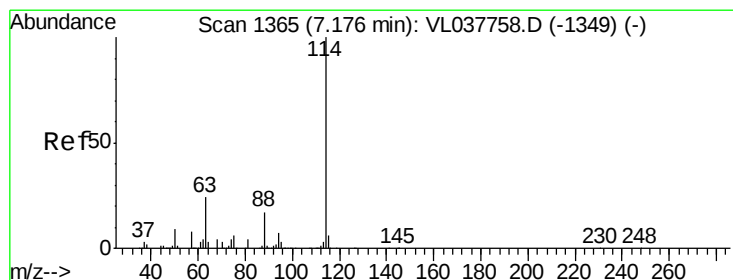
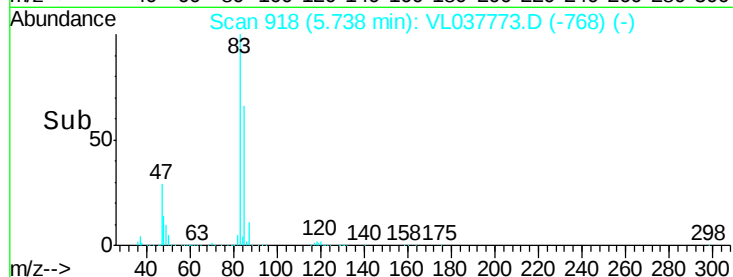
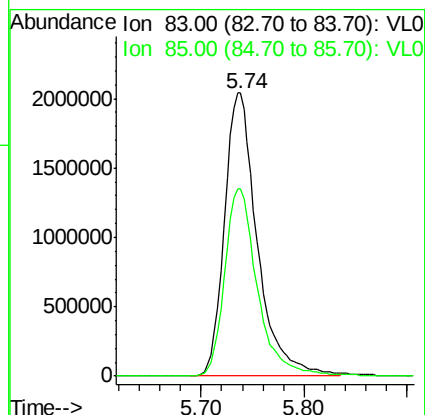
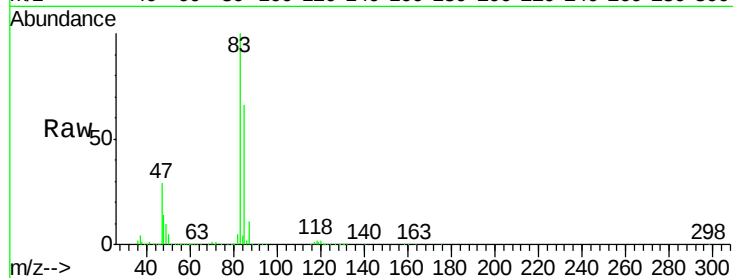
C0P17

Tgt Ion: 83 Resp: 4513098

Ion Ratio Lower Upper

83 100

85 66.0 51.8 77.8



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.02 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

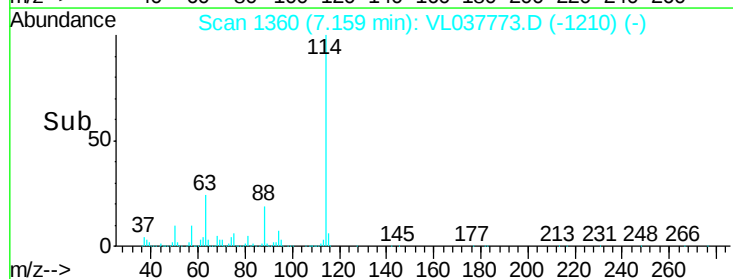
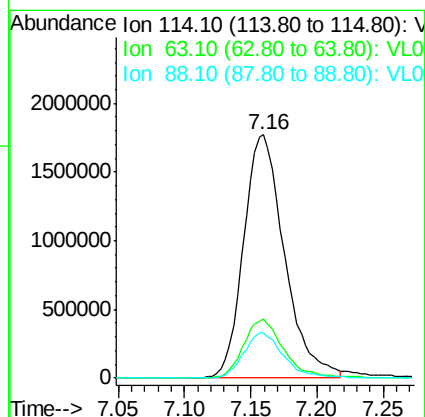
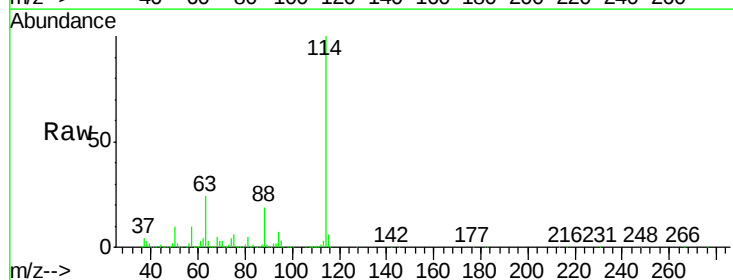
Tgt Ion: 114 Resp: 3804260

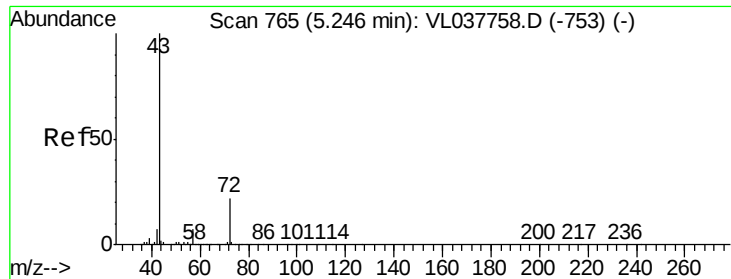
Ion Ratio Lower Upper

114 100

63 24.2 19.4 29.2

88 18.5 14.4 21.6

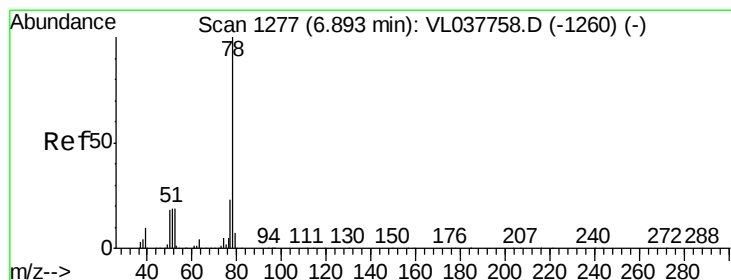
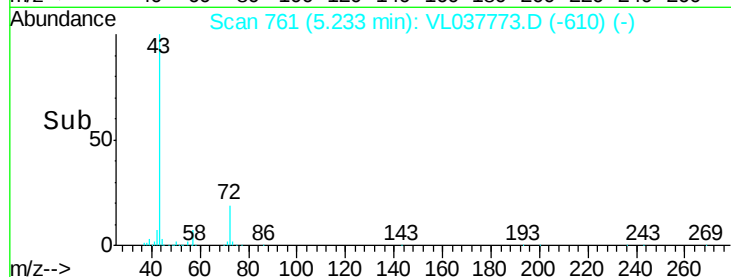
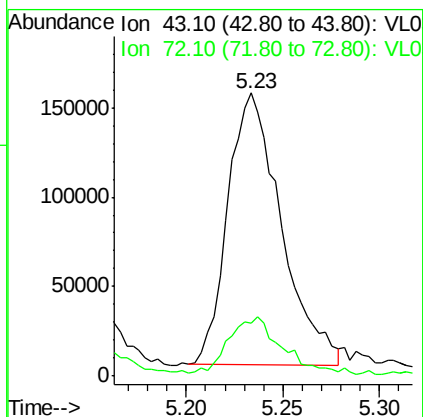
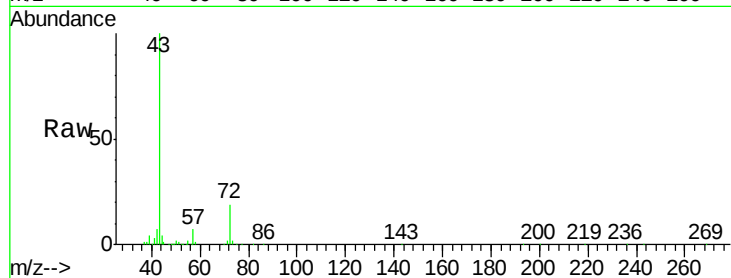




#34
2-Butanone
Concen: 1.903 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.01 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

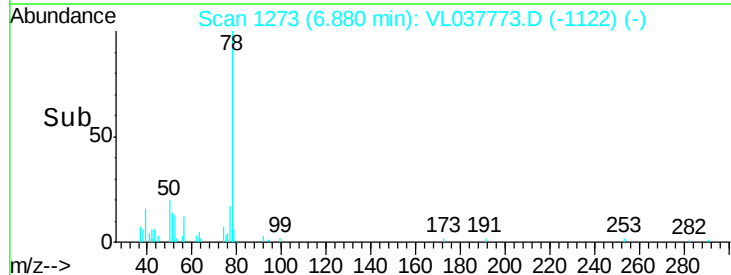
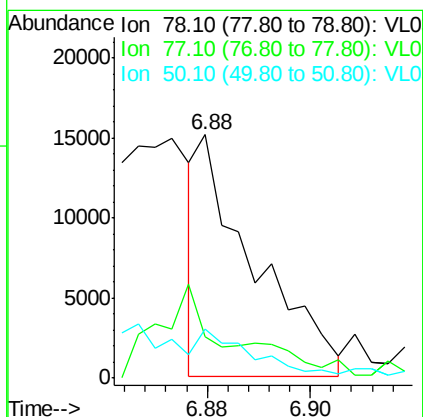
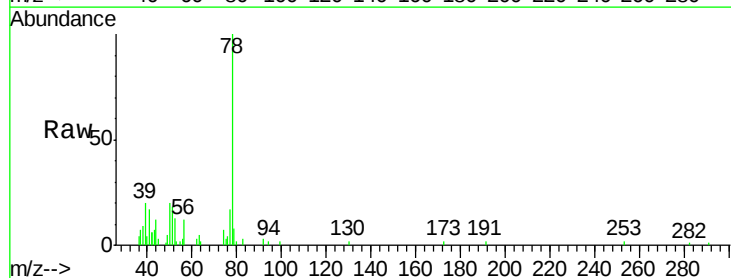
Instrument :
MSVOA_L
ClientSampleId :
C0P17

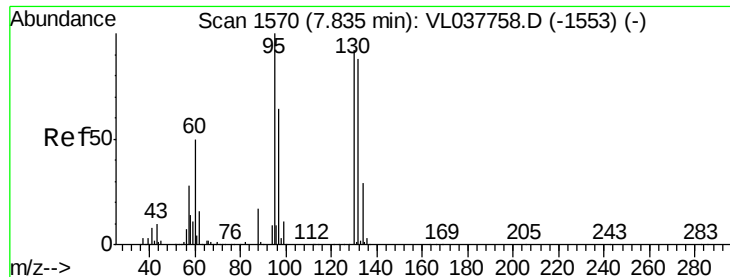
Tgt Ion: 43 Resp: 292258
Ion Ratio Lower Upper
43 100
72 24.8 18.2 27.2



#36
Benzene
Concen: 0.035 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

Tgt Ion: 78 Resp: 11399
Ion Ratio Lower Upper
78 100
77 9.7 18.8 28.2#
50 18.6 14.7 22.1





#38

Trichloroethene

Concen: 0.023 ppbv

RT: 7.82 min Scan# 1565

Delta R.T. -0.02 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

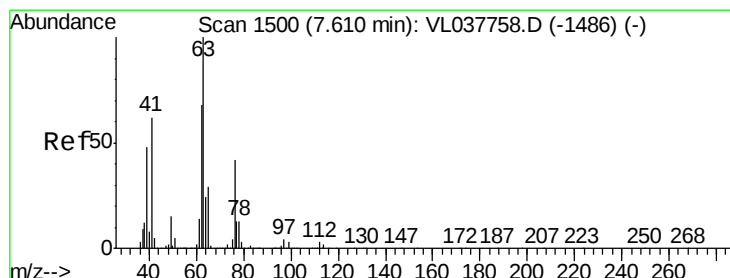
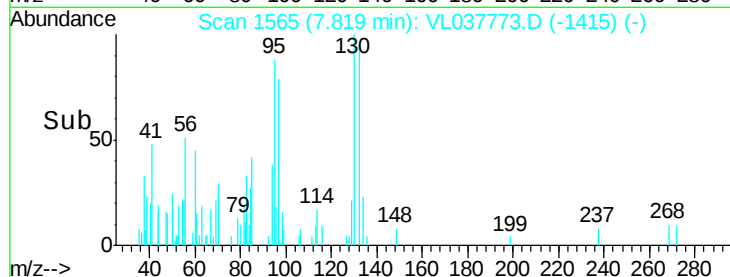
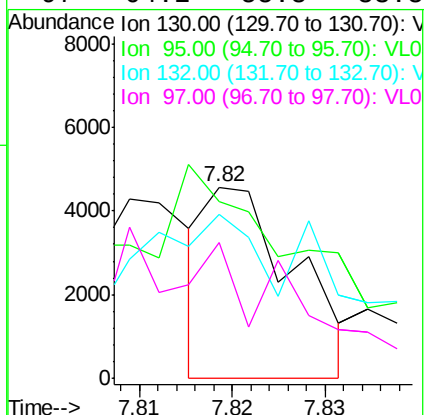
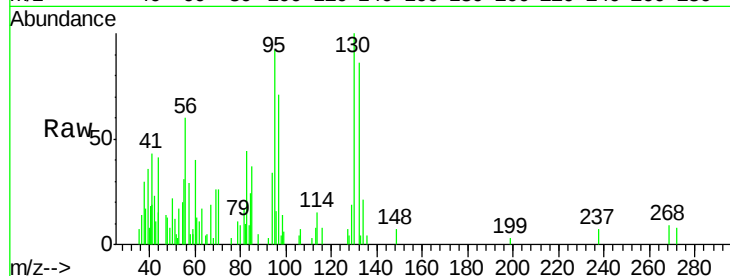
Instrument :

MSVOA_L

ClientSampleId :

C0P17

Tgt Ion:	130	Resp:	3001
Ion	Ratio	Lower	Upper
130	100		
95	37.3	87.4	131.0#
132	58.9	76.8	115.2#
97	64.2	55.8	83.8



#39

1,2-Dichloropropane

Concen: 7.344 ppbv

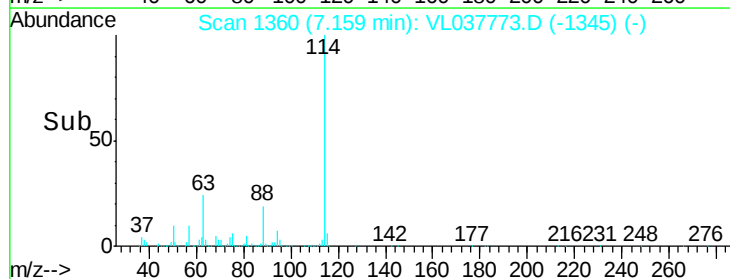
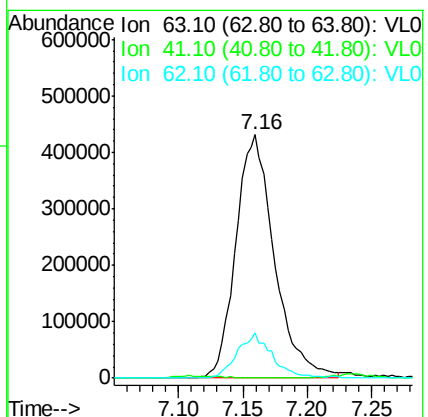
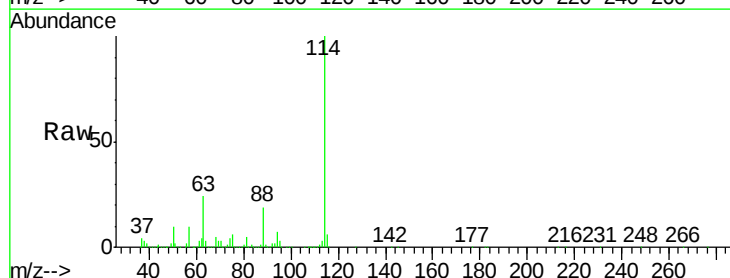
RT: 7.16 min Scan# 1360

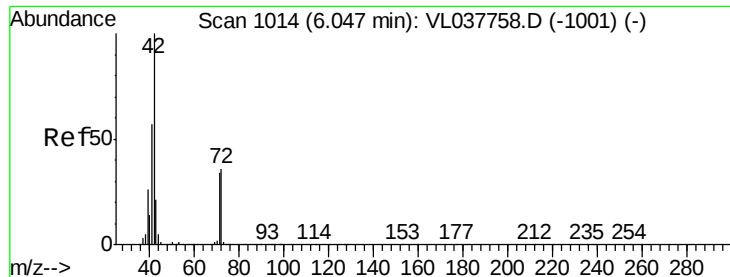
Delta R.T. -0.45 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

Tgt Ion:	63	Resp:	897584
Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	18.3	54.6	82.0#





#41

Tetrahydrofuran

Concen: 0.021 ppbv

RT: 6.29 min Scan# 1089

Delta R.T. 0.24 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

Instrument :

MSVOA_L

ClientSampleId :

C0P17

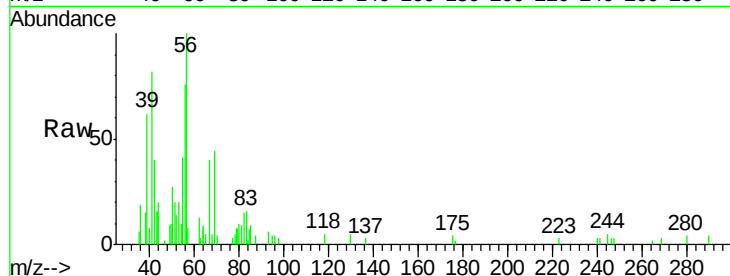
Tgt Ion: 42 Resp: 1592

Ion Ratio Lower Upper

42 100

72 0.0 31.9 47.9#

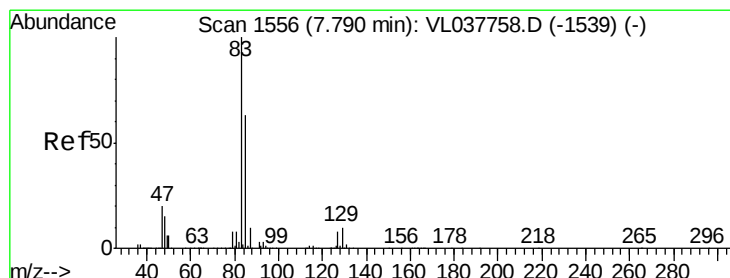
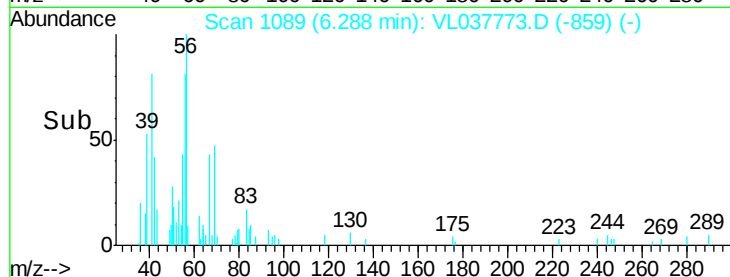
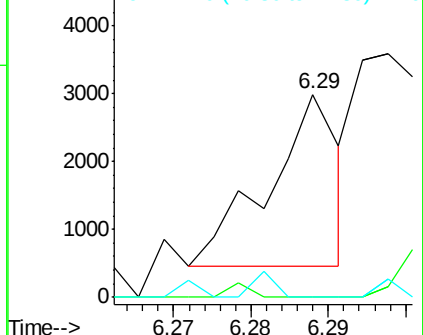
71 0.0 30.3 45.5#



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 0.144 ppbv

RT: 7.78 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

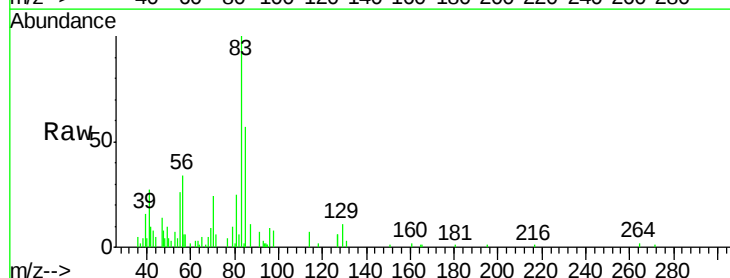
Tgt Ion: 83 Resp: 32439

Ion Ratio Lower Upper

83 100

85 54.0 50.6 75.8

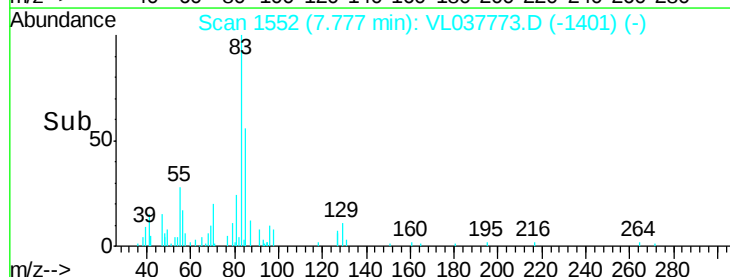
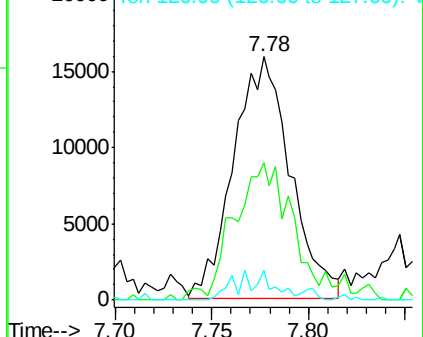
127 12.4 6.2 9.4#

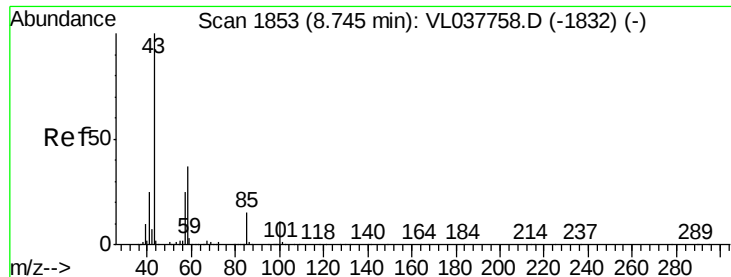


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

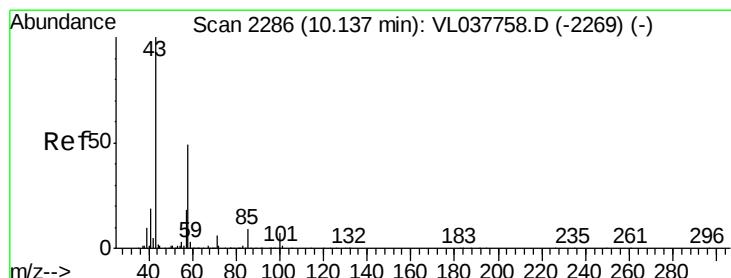
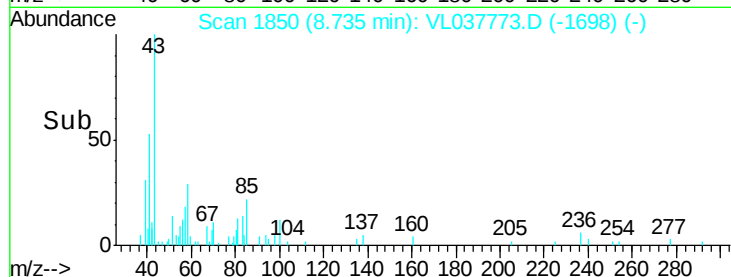
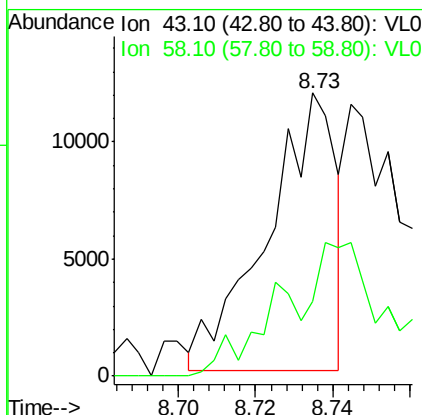
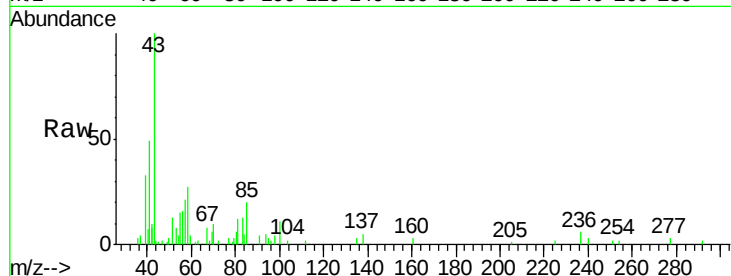




#50
 4-Methyl-2-Pentanone
 Concen: 0.073 ppbv
 RT: 8.73 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: VL037773.D
 Acq: 5 Oct 2021 14:41

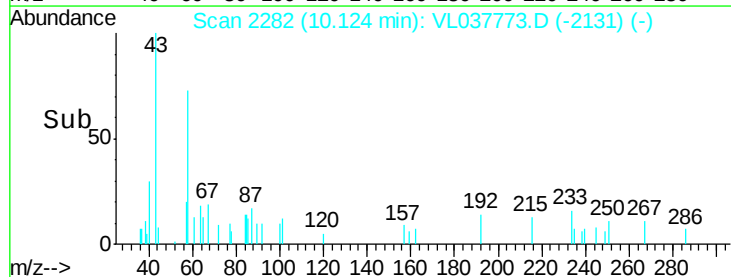
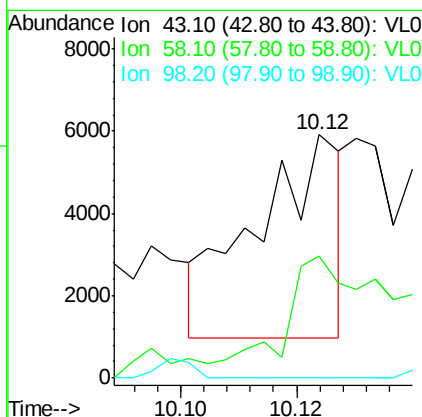
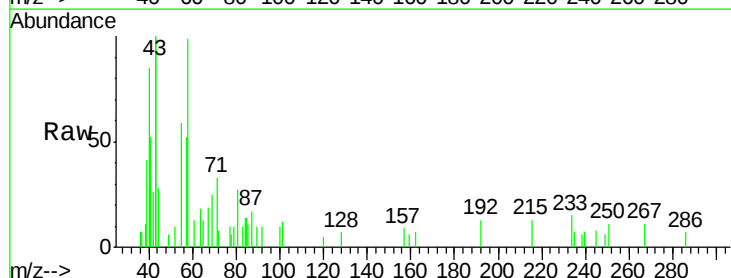
Instrument :
 MSVOA_L
 ClientSampleId :
 C0P17

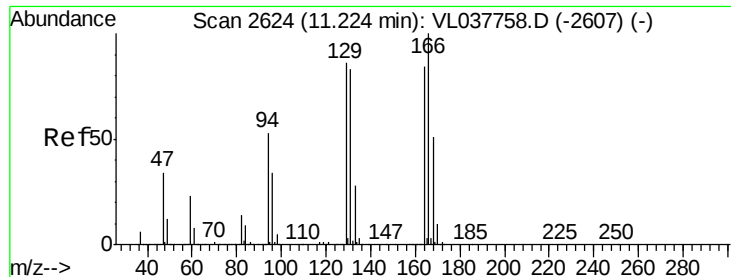
Tgt Ion: 43 Resp: 14540
 Ion Ratio Lower Upper
 43 100
 58 84.8 29.4 44.0#



#51
 2-Hexanone
 Concen: 0.056 ppbv
 RT: 10.12 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: VL037773.D
 Acq: 5 Oct 2021 14:41

Tgt Ion: 43 Resp: 4997
 Ion Ratio Lower Upper
 43 100
 58 137.3 39.4 59.0#
 98 0.0 0.3 0.5#

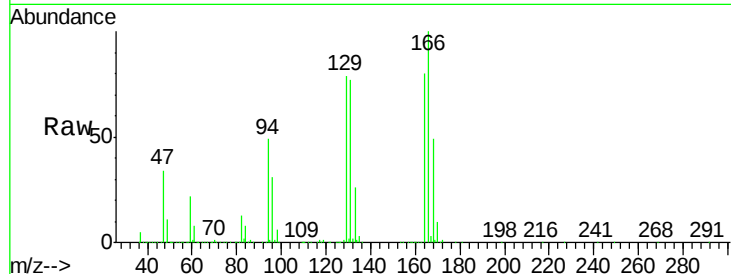




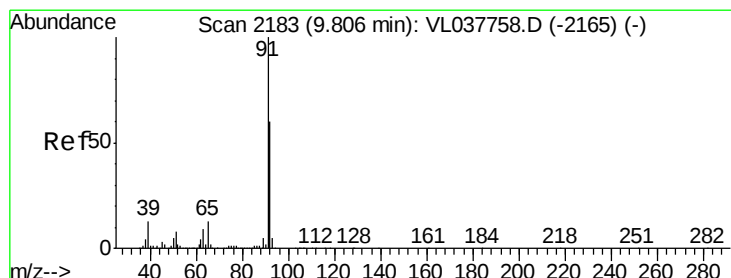
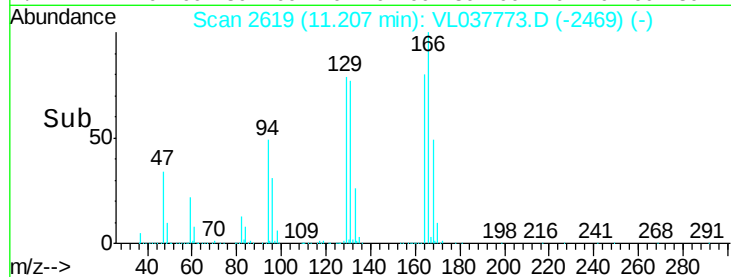
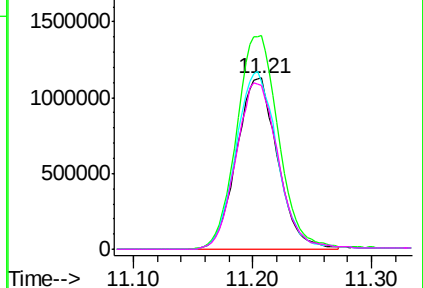
#52
Tetrachloroethene
Concen: 21.338 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. -0.02 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

Instrument :
MSVOA_L
ClientSampleId :
C0P17

Tgt Ion:164 Resp: 2697515
Ion Ratio Lower Upper
164 100
166 124.9 95.4 143.2
129 98.4 82.2 123.4
131 96.1 79.4 119.2

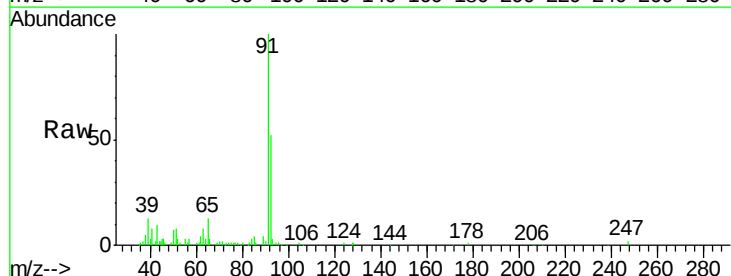


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

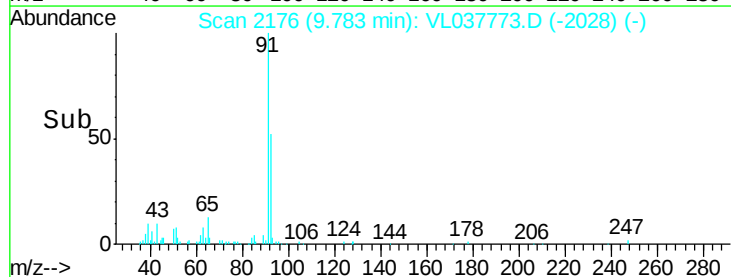
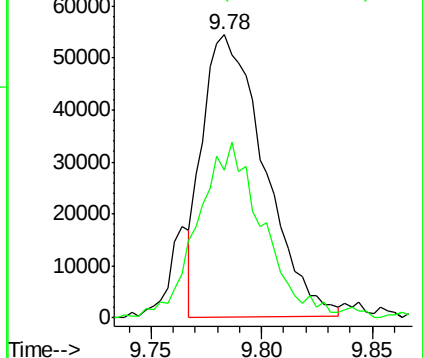


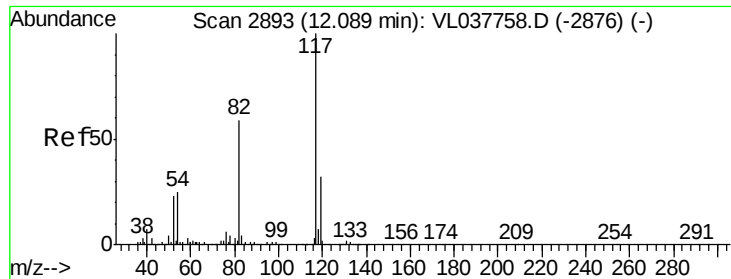
#53
Toluene
Concen: 0.293 ppbv
RT: 9.78 min Scan# 2176
Delta R.T. -0.02 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

Tgt Ion: 91 Resp: 105380
Ion Ratio Lower Upper
91 100
92 66.6 48.4 72.6



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

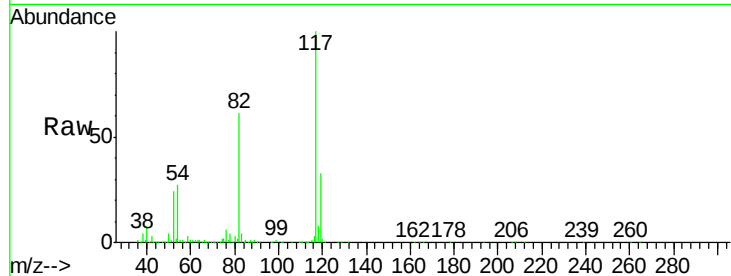




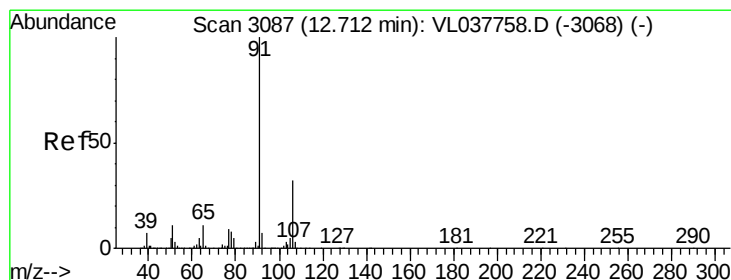
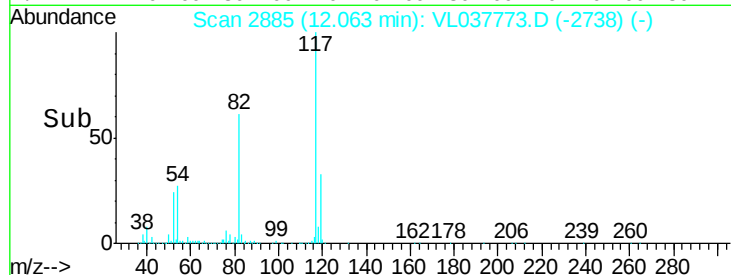
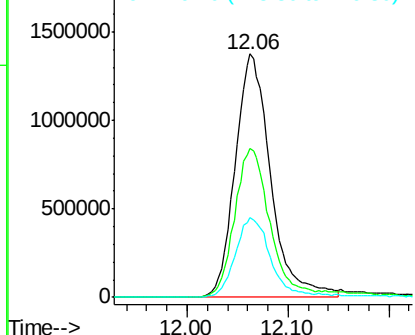
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

Instrument :
MSVOA_L
ClientSampleId :
C0P17

Tgt Ion: 117 Resp: 3357129
Ion Ratio Lower Upper
117 100
82 65.5 52.2 78.2
119 33.1 26.0 39.0

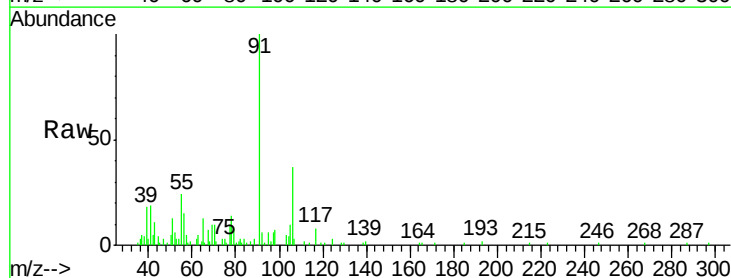


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

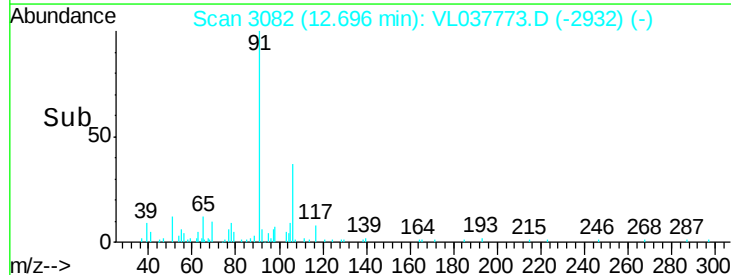
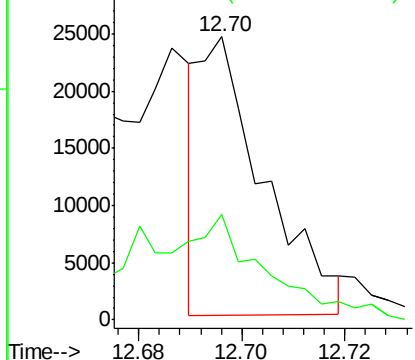


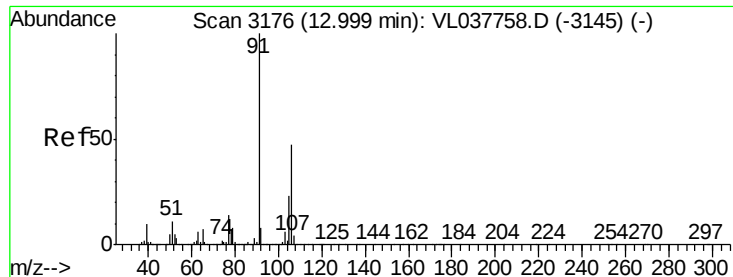
#58
Ethyl Benzene
Concen: 0.046 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.02 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

Tgt Ion: 91 Resp: 20871
Ion Ratio Lower Upper
91 100
106 36.4 25.3 37.9



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

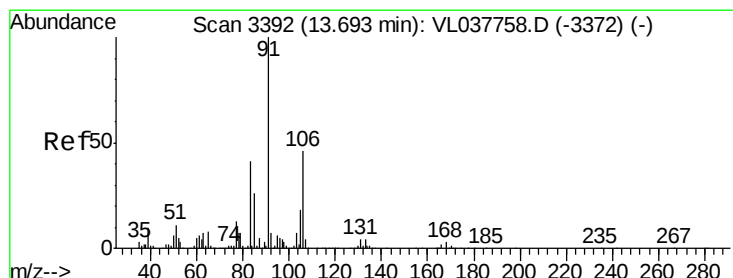
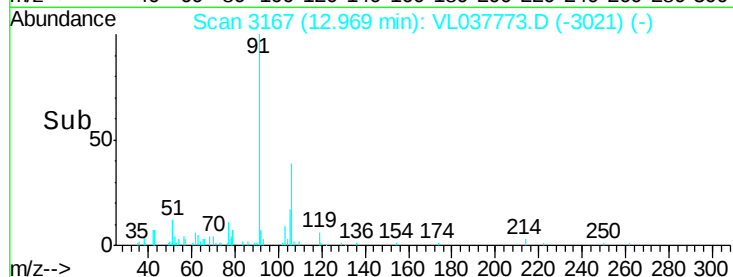
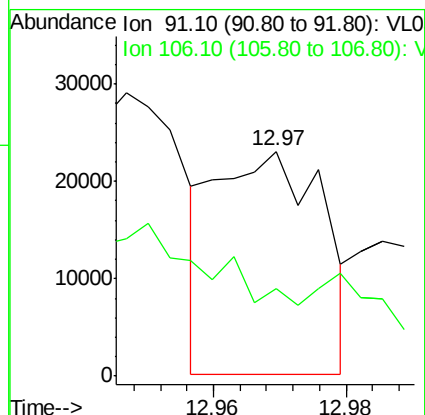
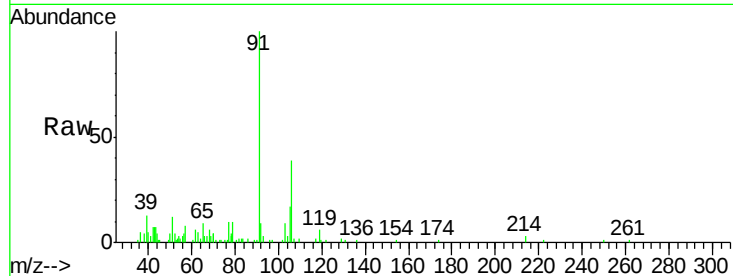




#59
m/p-Xylene
Concen: 0.066 ppbv
RT: 12.97 min Scan# 3167
Delta R.T. -0.03 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

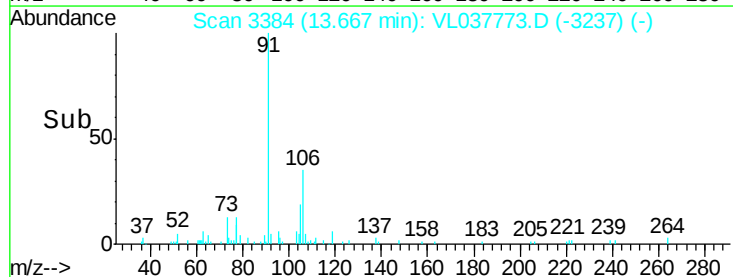
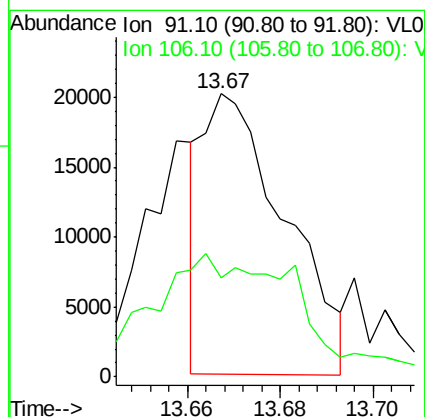
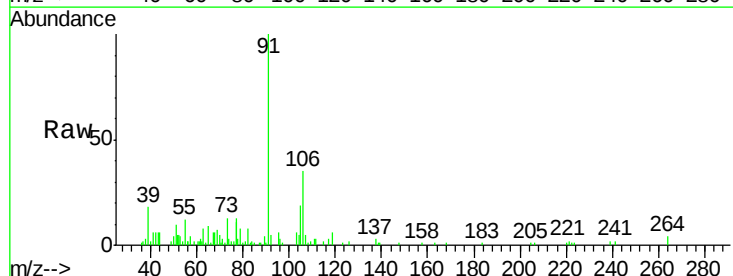
Instrument :
MSVOA_L
ClientSampled :
C0P17

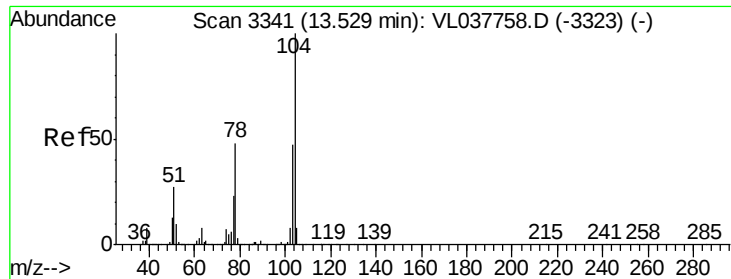
Tgt Ion: 91 Resp: 25729
Ion Ratio Lower Upper
91 100
106 0.0 36.7 55.1#



#60
o-Xylene
Concen: 0.066 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.03 min
Lab File: VL037773.D
Acq: 5 Oct 2021 14:41

Tgt Ion: 91 Resp: 24613
Ion Ratio Lower Upper
91 100
106 86.1 23.5 70.5#





#61

Styrene

Concen: 0.027 ppbv

RT: 13.50 min Scan# 3333

Delta R.T. -0.03 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

Instrument :

MSVOA_L

ClientSampleId :

C0P17

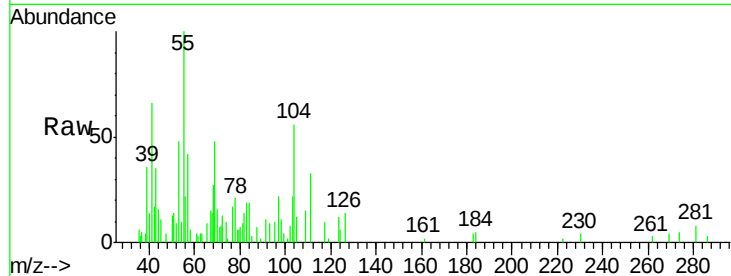
Tgt Ion: 104 Resp: 4796

Ion Ratio Lower Upper

104 100

78 116.6 40.6 61.0#

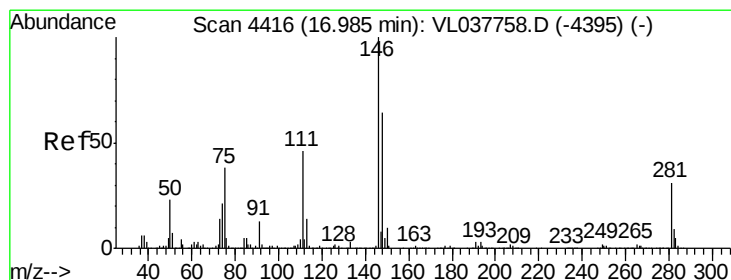
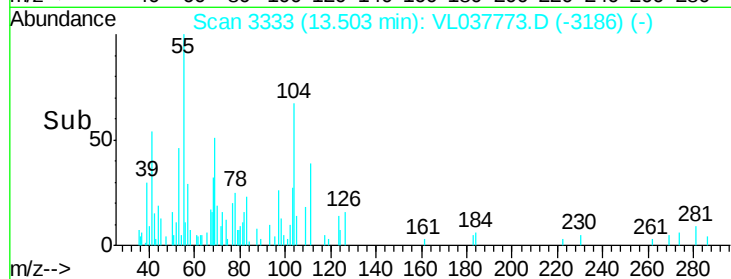
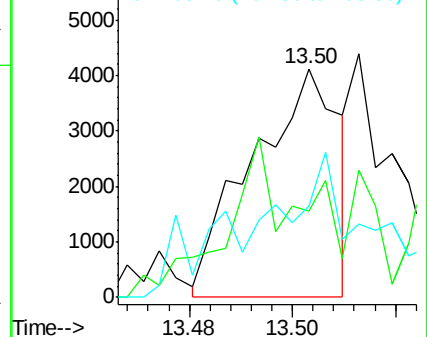
103 91.5 39.6 59.4#



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



#66

Benzyl Chloride

Concen: 0.162 ppbv

RT: 16.94 min Scan# 4403

Delta R.T. -0.04 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

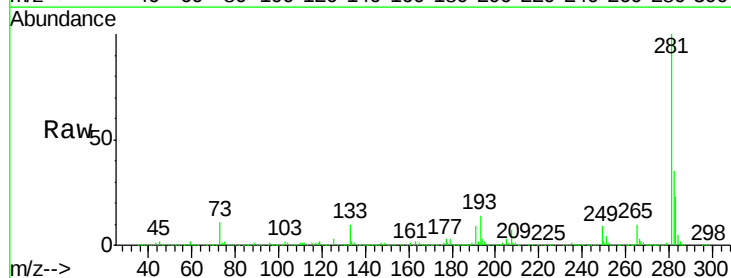
Tgt Ion: 91 Resp: 3628

Ion Ratio Lower Upper

91 100

126 0.0 0.0 0.0

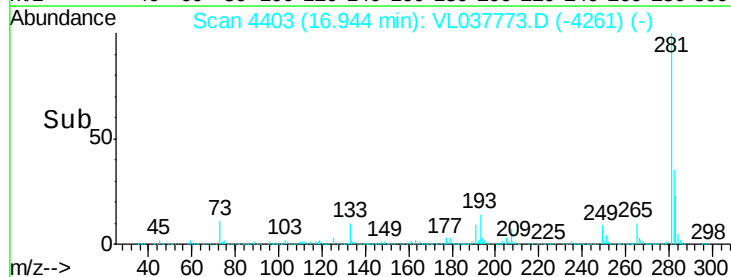
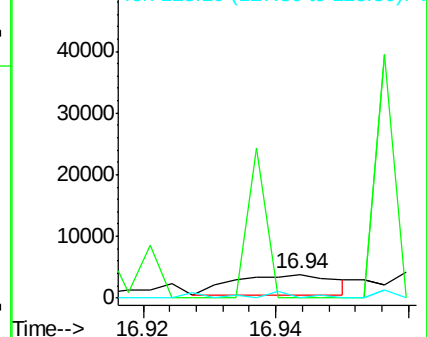
128 14.1 5.3 7.9#

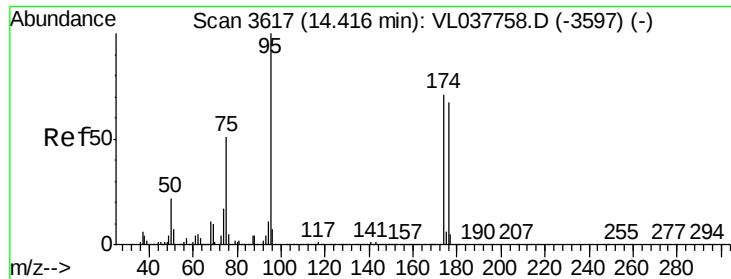


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

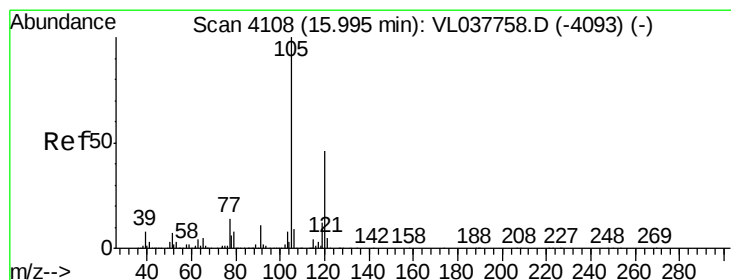
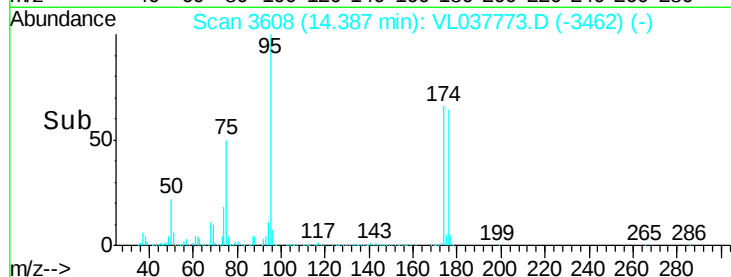
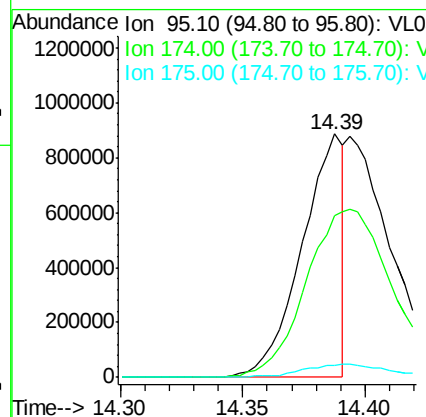
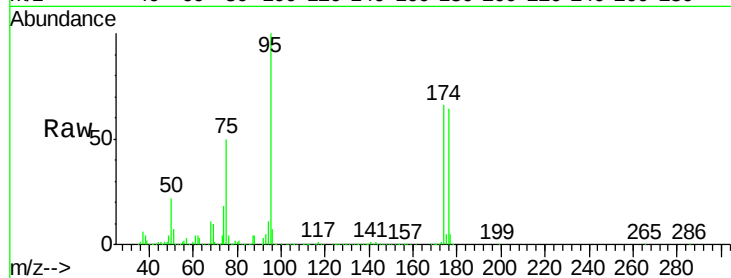




#68
 1-Bromo-4-Fluorobenzene
 Concen: 4.469 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.03 min
 Lab File: VL037773.D
 Acq: 5 Oct 2021 14:41

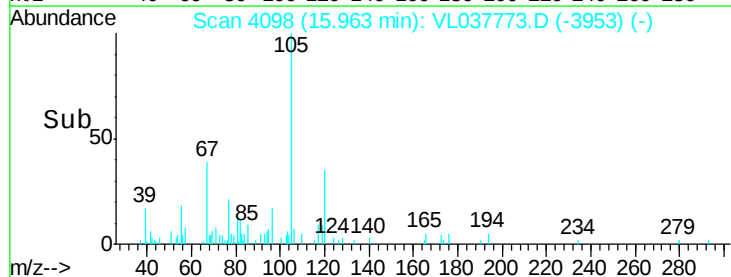
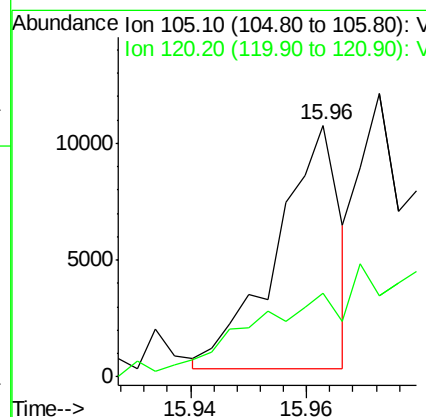
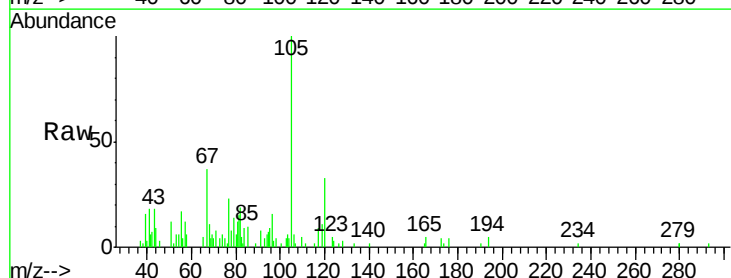
Instrument :
 MSVOA_L
 ClientSampleId :
 C0P17

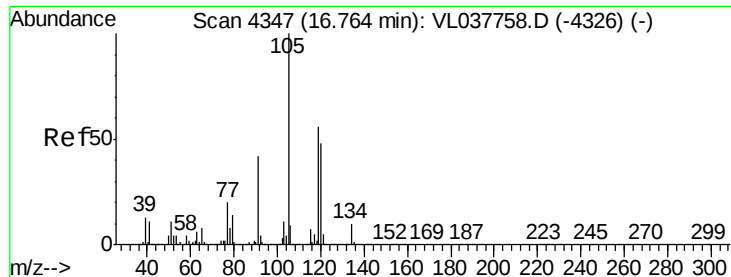
Tgt Ion: 95 Resp: 1049119
 Ion Ratio Lower Upper
 95 100
 174 0.0 57.8 86.6#
 175 0.0 4.7 7.1#



#73
 1,3,5-Trimethylbenzene
 Concen: 0.021 ppbv
 RT: 15.96 min Scan# 4098
 Delta R.T. -0.03 min
 Lab File: VL037773.D
 Acq: 5 Oct 2021 14:41

Tgt Ion: 105 Resp: 7880
 Ion Ratio Lower Upper
 105 100
 120 24.5 36.6 54.8#





#74

1,2,4-Trimethylbenzene

Concen: 0.175 ppbv

RT: 16.73 min Scan# 4338

Delta R.T. -0.03 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

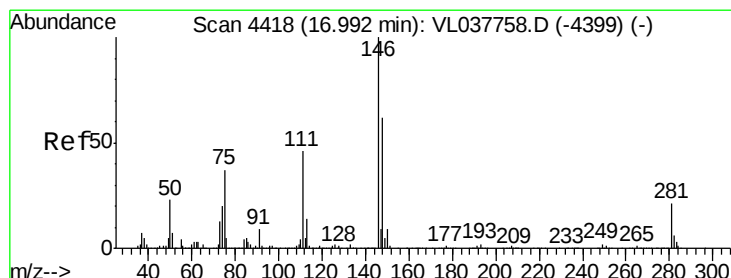
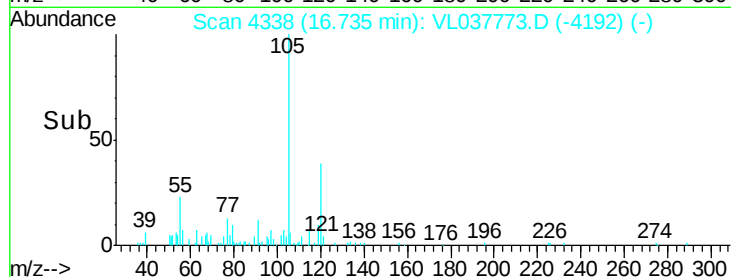
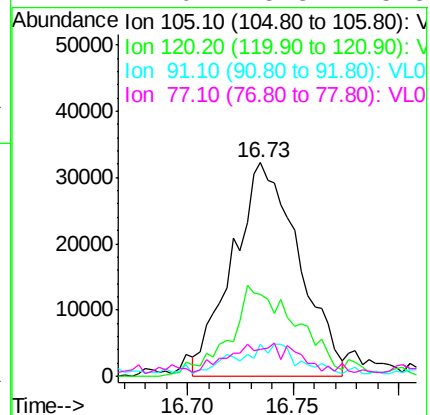
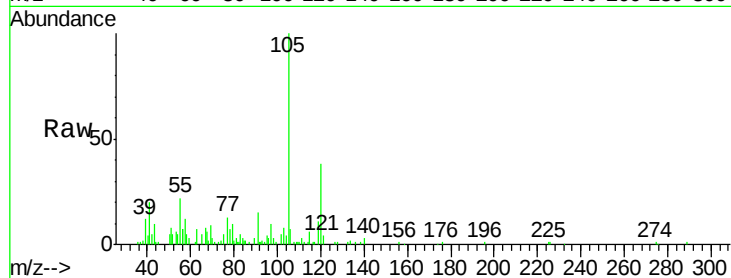
Instrument :

MSVOA_L

ClientSampleId :

C0P17

Tgt Ion:	105	Resp:	70358
Ion	Ratio	Lower	Upper
105	100		
120	38.0	38.4	57.6#
91	14.8	34.2	51.2#
77	12.0	15.8	23.8#



#75

1,3-Dichlorobenzene

Concen: 0.837 ppbv

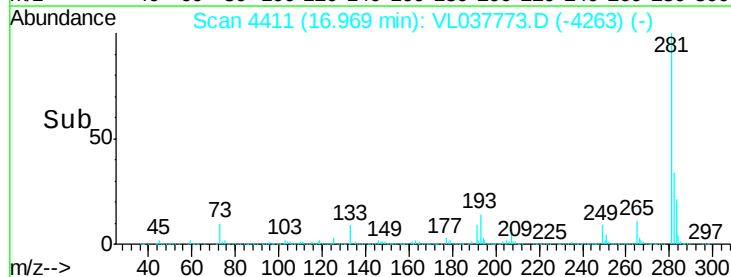
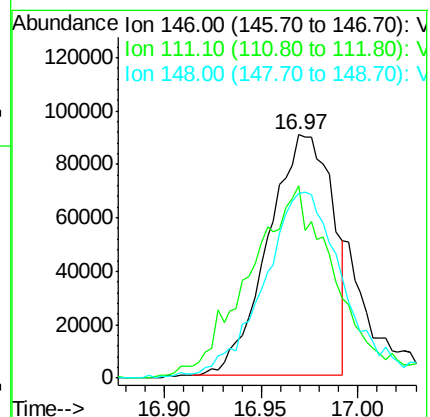
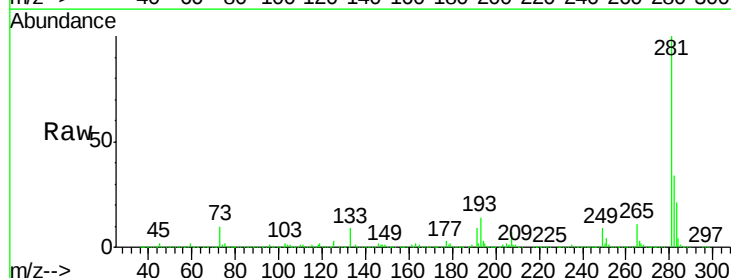
RT: 16.97 min Scan# 4411

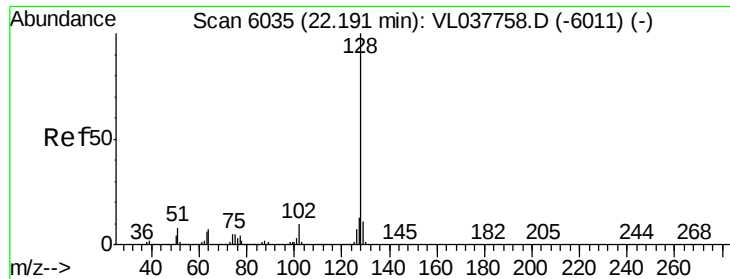
Delta R.T. -0.02 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

Tgt Ion:	146	Resp:	208298
Ion	Ratio	Lower	Upper
146	100		
111	111.1	22.8	68.4#
148	101.6	32.8	98.3#





#79

Naphthalene

Concen: 0.081 ppbv

RT: 22.16 min Scan# 6026

Delta R.T. -0.03 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

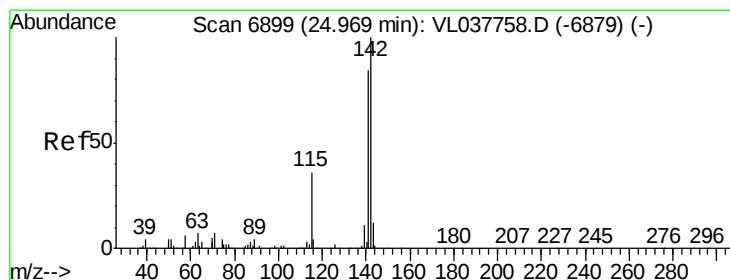
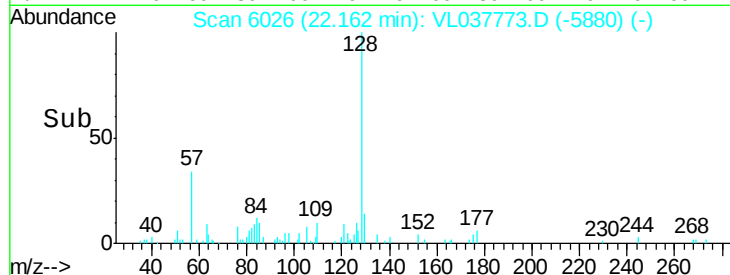
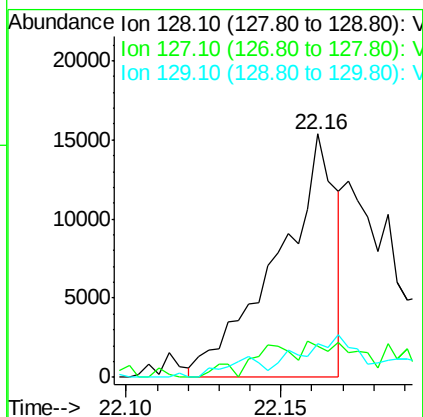
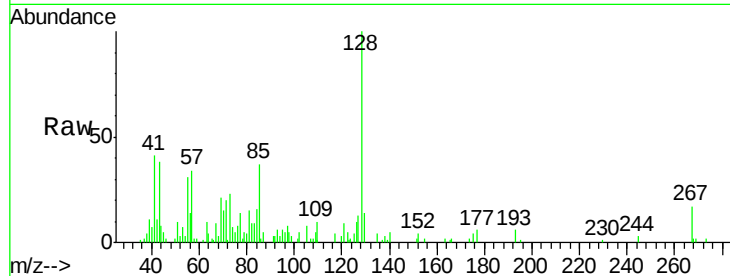
Instrument :

MSVOA_L

ClientSampled :

C0P17

Tgt Ion:	128	Resp:	19939
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	14.2	9.1	13.7#



#80

Naphthalene, 2-methyl-

Concen: 0.059 ppbv

RT: 24.95 min Scan# 6892

Delta R.T. -0.02 min

Lab File: VL037773.D

Acq: 5 Oct 2021 14:41

Tgt Ion:	142	Resp:	3910
Ion	Ratio	Lower	Upper
142	100		
141	96.4	68.6	102.8
115	90.9	29.0	43.6#

