

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090821\
 Data File : VL037589.D
 Acq On : 9 Sep 2021 2:38
 Operator : SY/AP
 Sample : M3663-07 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4

Quant Time: Sep 09 09:15:45 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	5.68	49	1618469	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4769578	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	4319668	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3080857	10.04	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

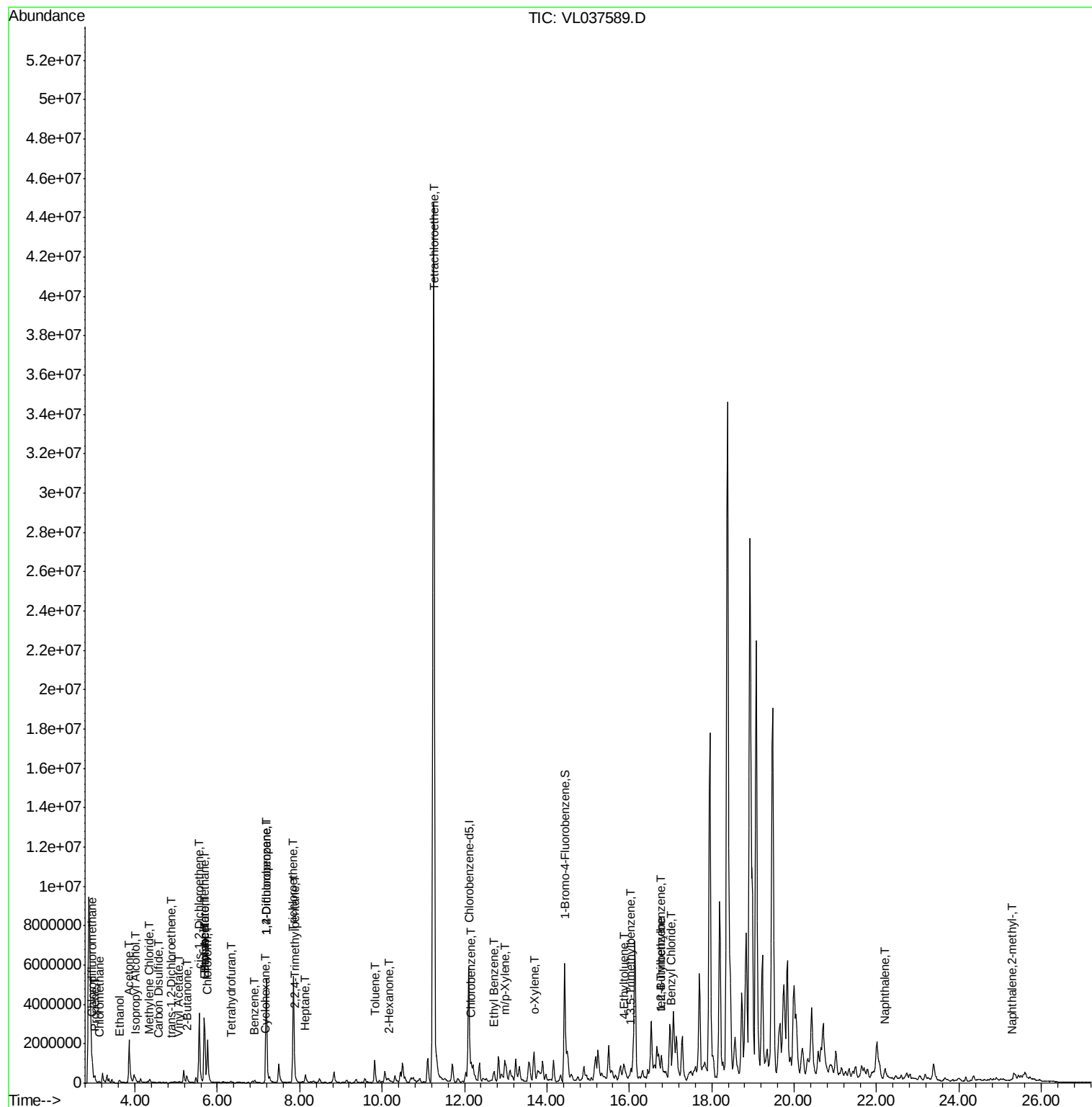
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.97	51	395117	1.275	ppbv #	63
4) Chloromethane	3.15	50	6984	0.063	ppbv	91
9) Propene	3.02	41	43742	0.394	ppbv #	16
10) Heptane	8.14	43	173753	0.681	ppbv	99
13) Ethanol	3.61	45	58324	5.405	ppbv #	39
15) Acetone	3.86	43	2874556	17.452	ppbv	95
19) Isopropyl Alcohol	4.02	45	40440	0.429	ppbv #	95
20) Methylene Chloride	4.35	84	60383	0.732	ppbv	96
22) trans-1,2-Dichloroethene	4.89	96	5266	0.065	ppbv #	40
23) Vinyl Acetate	5.07	43	18905	0.078	ppbv #	75
25) Ethyl Acetate	5.70	43	446132	1.067	ppbv #	79
26) Hexane	5.70	57	584893	2.861	ppbv #	46
27) Carbon Disulfide	4.56	76	6634	0.036	ppbv #	40
29) Chloroform	5.76	83	1612871	5.567	ppbv	99
30) Cyclohexane	7.15	84	6212	0.036	ppbv #	1
31) cis-1,2-Dichloroethene	5.56	61	2323935	12.560	ppbv	98
34) 2-Butanone	5.26	43	489984	2.516	ppbv	95
36) Benzene	6.90	78	107066	0.267	ppbv #	90
38) Trichloroethene	7.85	130	2080110	12.645	ppbv	96
39) 1,2-Dichloropropane	7.19	63	1115781	7.242	ppbv #	27
41) Tetrahydrofuran	6.33	42	4427	0.047	ppbv #	42
44) 2,2,4-Trimethylpentane	7.88	57	32469	0.048	ppbv #	1
51) 2-Hexanone	10.16	43	214876	1.839	ppbv #	93
52) Tetrachloroethene	11.26	164	15029914	91.477	ppbv	95
53) Toluene	9.82	91	1011627	2.210	ppbv	99
57) Chlorobenzene	12.16	112	24586	0.069	ppbv #	33
58) Ethyl Benzene	12.73	91	339881	0.567	ppbv	91
59) m/p-Xylene	12.99	91	711275	1.369	ppbv #	48
60) o-Xylene	13.71	91	354418	0.731	ppbv	97
65) tert-Butylbenzene	16.78	119	39675	0.064	ppbv #	20
66) Benzyl Chloride	17.02	91	1014	0.036	ppbv #	63
72) 4-Ethyltoluene	15.86	105	69328	0.120	ppbv #	55
73) 1,3,5-Trimethylbenzene	16.02	105	37138	0.069	ppbv #	83
74) 1,2,4-Trimethylbenzene	16.77	105	722376	1.266	ppbv #	67
79) Naphthalene	22.22	128	48225	0.126	ppbv #	92
80) Naphthalene,2-methyl-	25.29	142	5270	0.050	ppbv	98

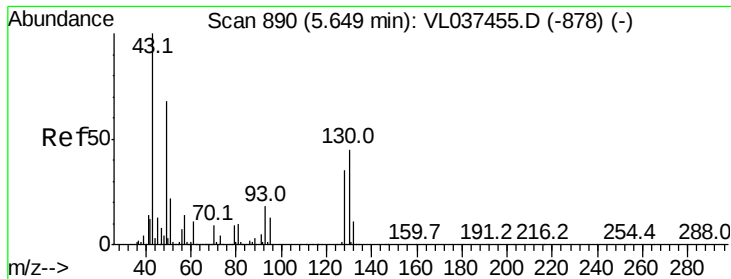
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.03 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Instrument :

MSVOA_L

ClientSampleId :

SV-4

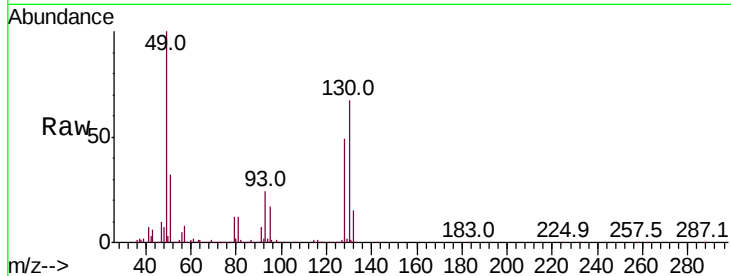
Tot Ion: 49 Resp: 1618469

Ion Ratio Lower Upper

49 100

128 52.7 27.5 82.4

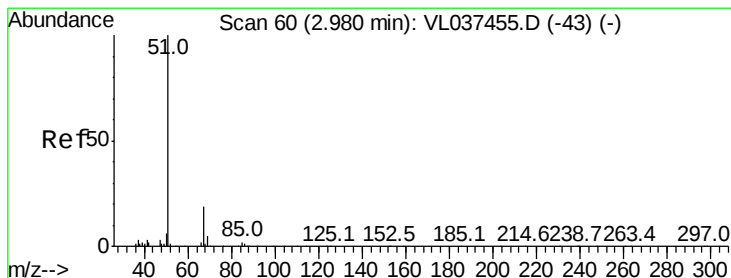
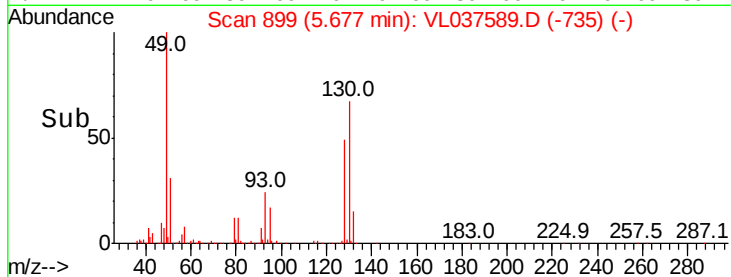
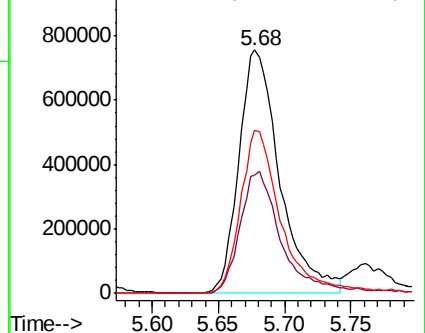
130 68.3 34.0 101.8



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: 1.275 ppbv

RT: 2.97 min Scan# 57

Delta R.T. -0.01 min

Lab File: VL037589.D

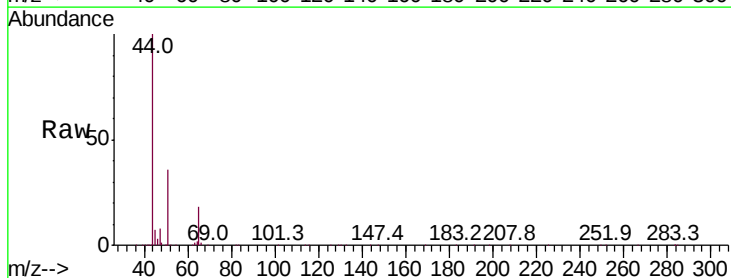
Acq: 9 Sep 2021 2:38

Tgt Ion: 51 Resp: 395117

Ion Ratio Lower Upper

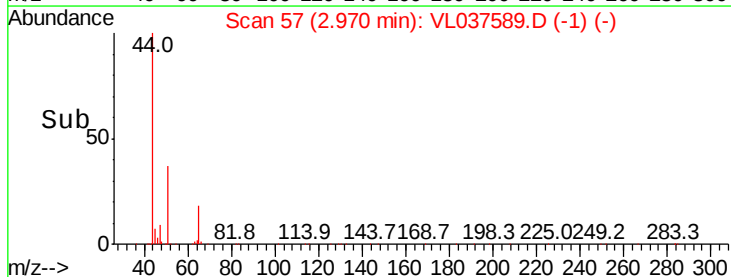
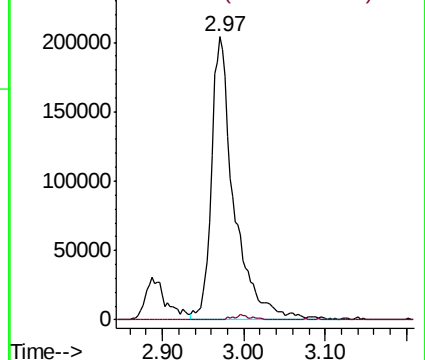
51 100

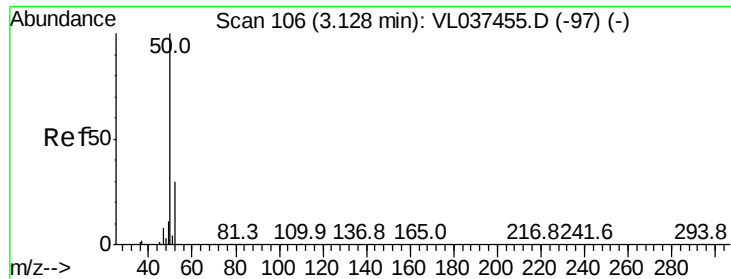
67 1.5 14.2 21.2#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.063 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.02 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Instrument :

MSVOA_L

ClientSampleId :

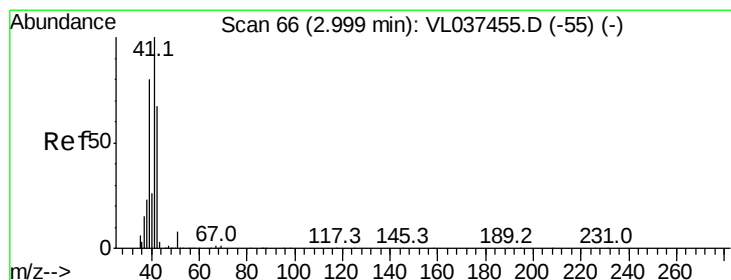
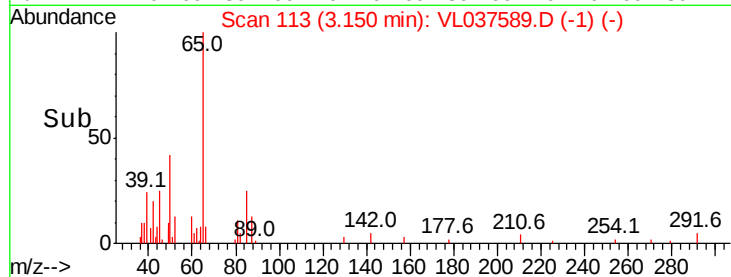
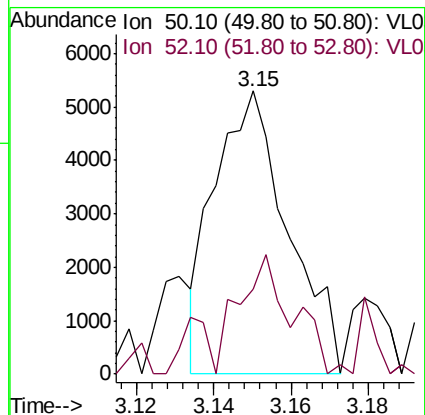
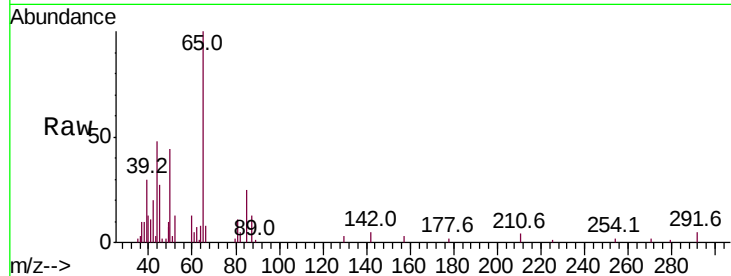
SV-4

Tot Ion: 50 Resp: 6984

Ion Ratio Lower Upper

50 100

52 25.2 24.0 36.0



#9

Propene

Concen: 0.394 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.02 min

Lab File: VL037589.D

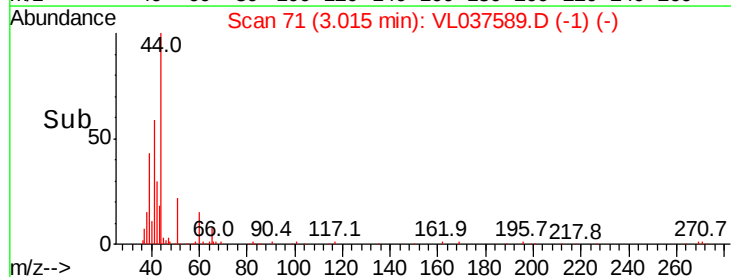
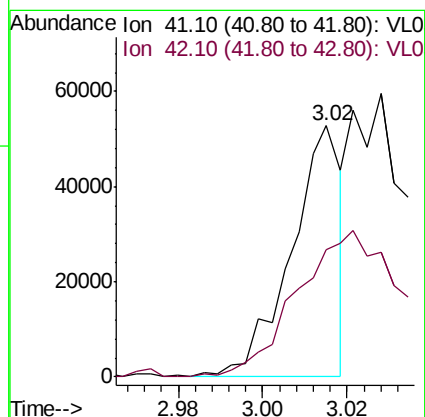
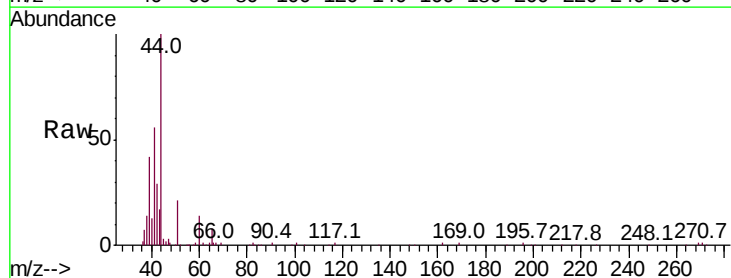
Acq: 9 Sep 2021 2:38

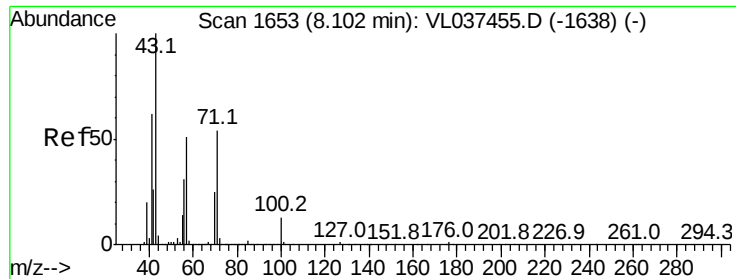
Tgt Ion: 41 Resp: 43742

Ion Ratio Lower Upper

41 100

42 0.0 53.7 80.5#

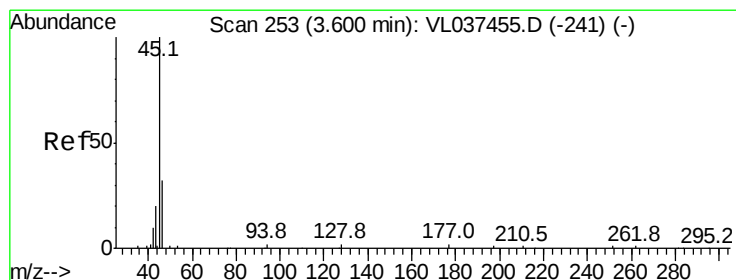
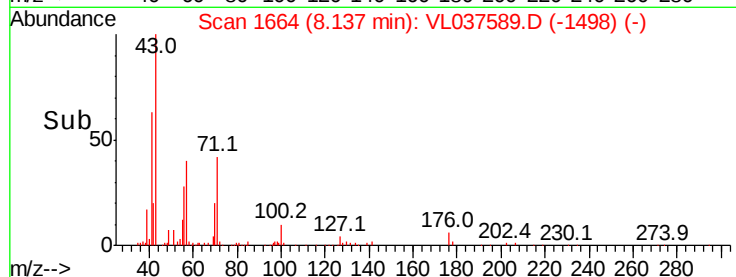
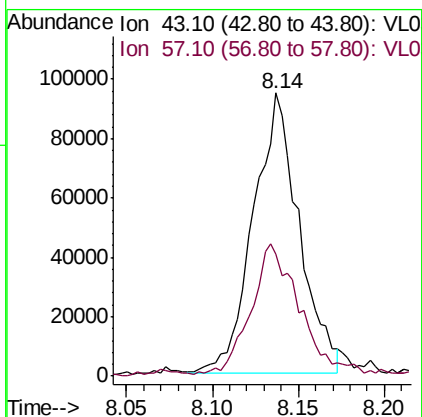
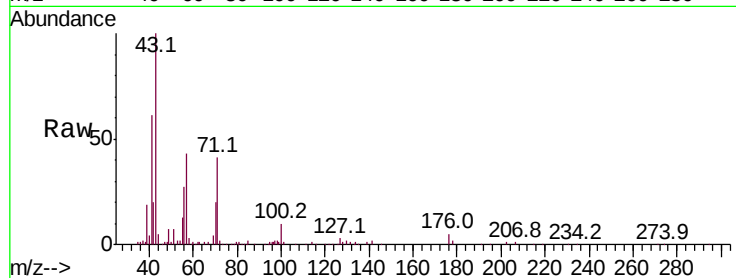




#10
Heptane
Concen: 0.681 ppbv
RT: 8.14 min Scan# 1664
Delta R.T. 0.04 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

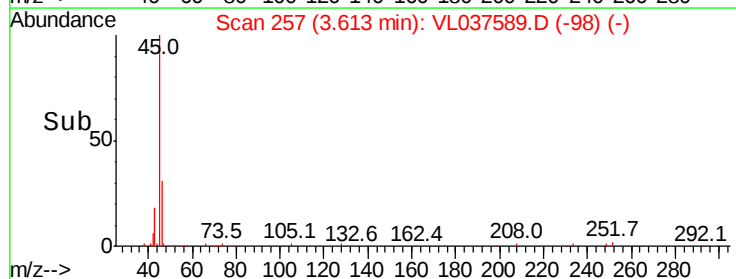
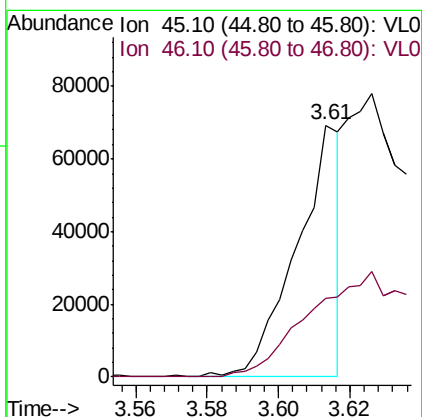
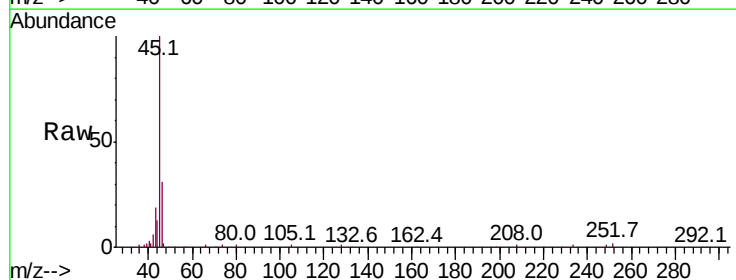
Instrument :
MSVOA_L
ClientSampleId :
SV-4

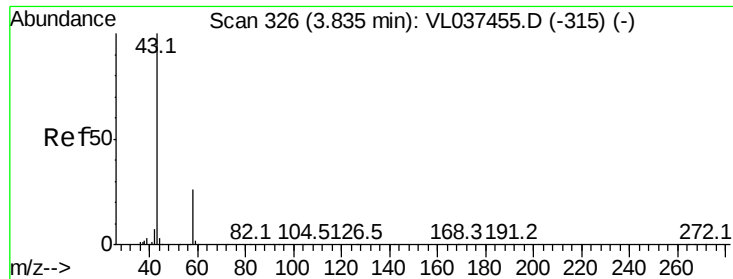
Tot Ion: 43 Resp: 173753
Ion Ratio Lower Upper
43 100
57 52.3 41.0 61.6



#13
Ethanol
Concen: 5.405 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

Tgt Ion: 45 Resp: 58324
Ion Ratio Lower Upper
45 100
46 0.0 14.1 56.5#





#15

Acetone

Concen: 17.452 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.02 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Instrument :

MSVOA_L

ClientSampleId :

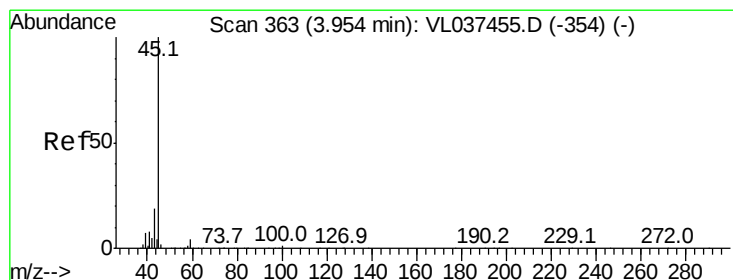
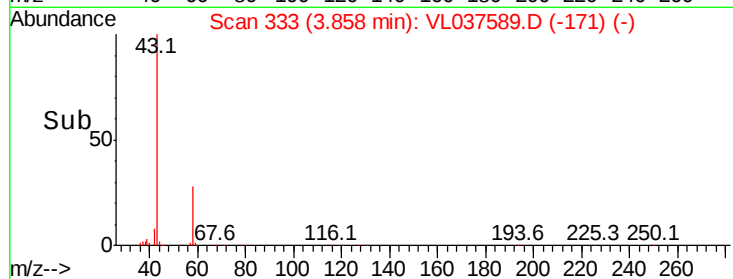
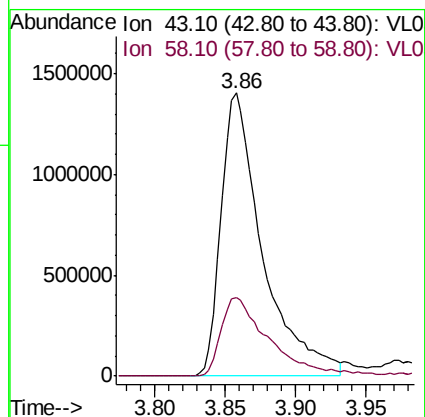
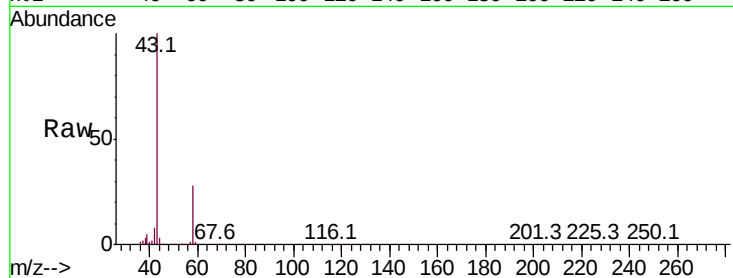
SV-4

Tot Ion: 43 Resp: 2874556

Ion Ratio Lower Upper

43 100

58 33.9 24.8 37.2



#19

Isopropyl Alcohol

Concen: 0.429 ppbv

RT: 4.02 min Scan# 385

Delta R.T. 0.07 min

Lab File: VL037589.D

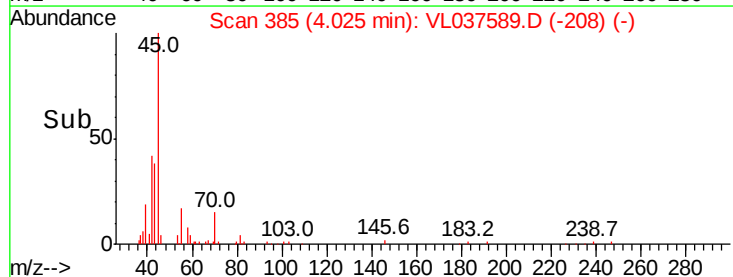
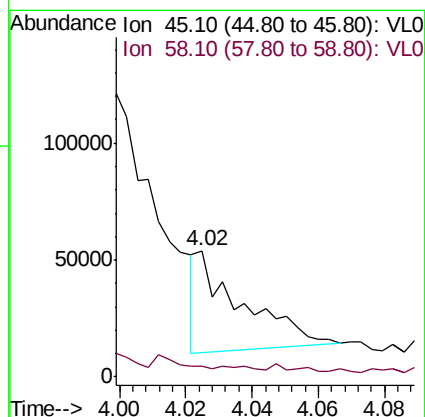
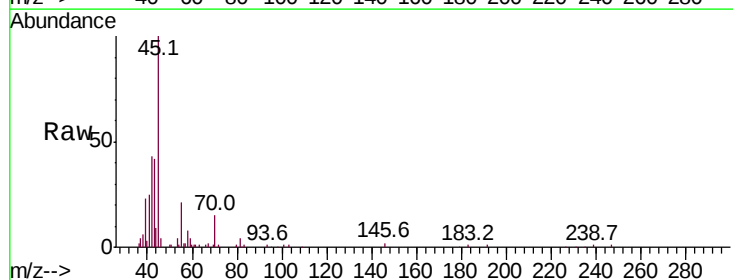
Acq: 9 Sep 2021 2:38

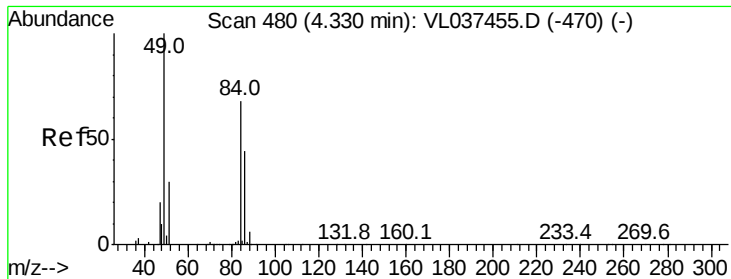
Tgt Ion: 45 Resp: 40440

Ion Ratio Lower Upper

45 100

58 0.0 1.4 2.2#

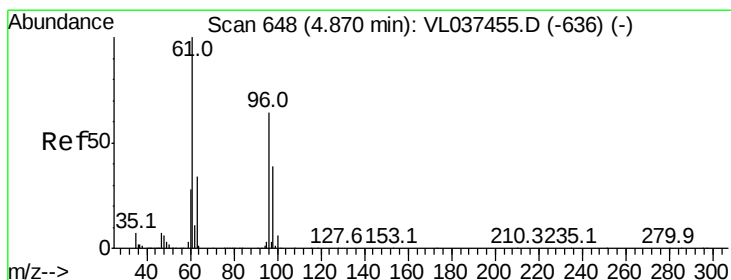
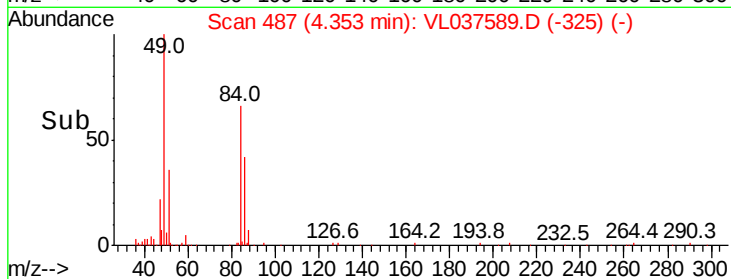
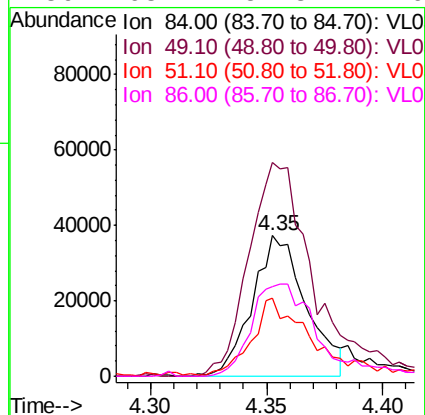
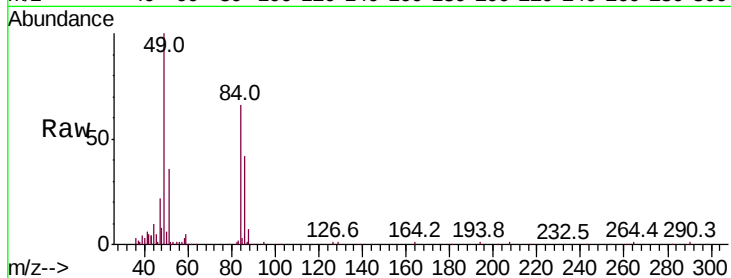




#20
Methylene Chloride
Concen: 0.732 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.02 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

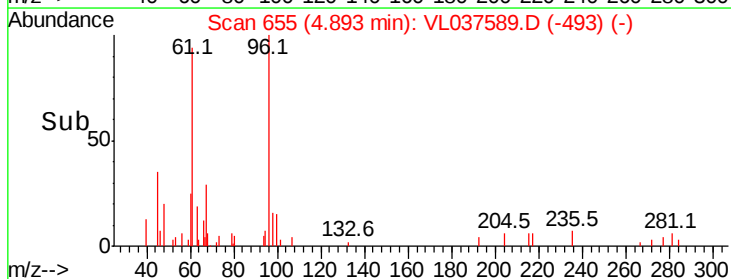
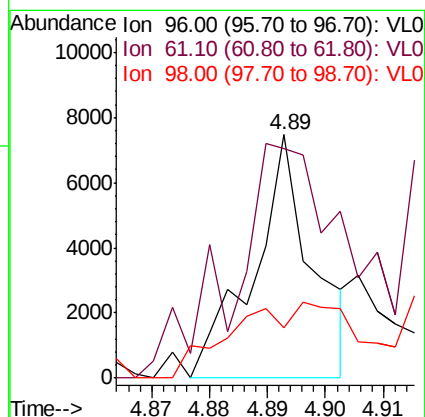
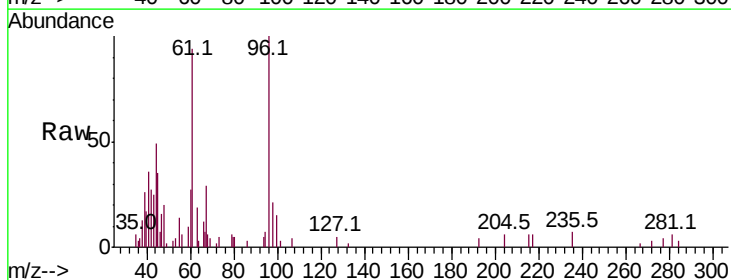
Instrument :
MSVOA_L
ClientSampled :
SV-4

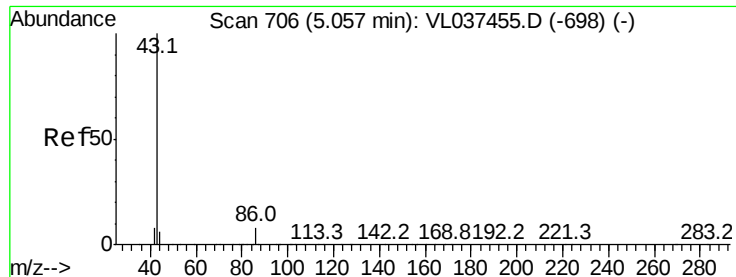
Tot Ion:	84	Resp:	60383
Ion	Ratio	Lower	Upper
84	100		
49	151.3	118.2	177.2
51	54.5	36.6	55.0
86	63.7	51.8	77.6



#22
trans-1,2-Dichloroethene
Concen: 0.065 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.02 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

Tgt Ion:	96	Resp:	5266
Ion	Ratio	Lower	Upper
96	100		
61	84.0	125.5	188.3#
98	7.4	49.0	73.4#





#23

Vinyl Acetate

Concen: 0.078 ppbv

RT: 5.07 min Scan# 710

Delta R.T. 0.01 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Instrument :

MSVOA_L

ClientSampleId :

SV-4

Tot Ion: 43 Resp: 18905

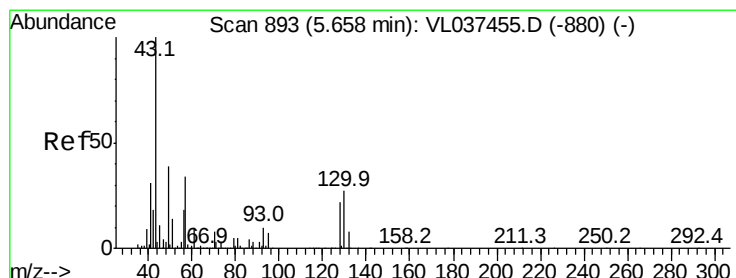
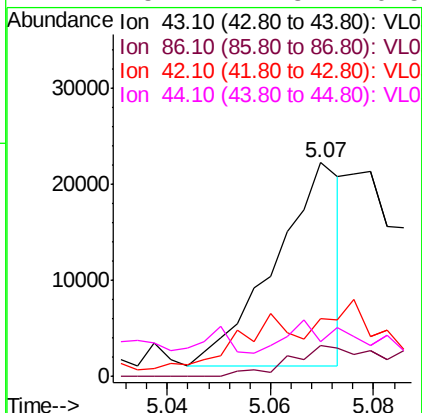
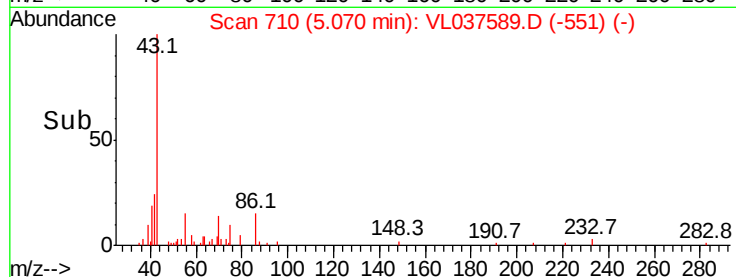
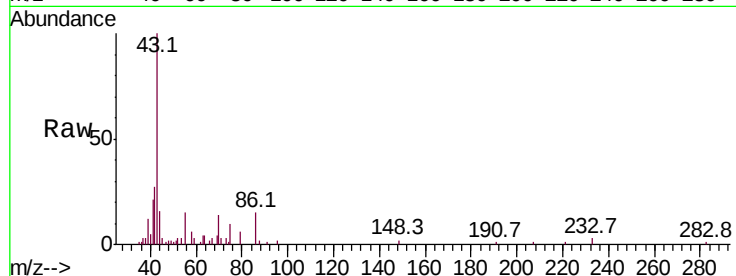
Ion Ratio Lower Upper

43 100

86 15.2 5.7 8.5#

42 22.8 7.4 11.2#

44 3.2 4.3 6.5#



#25

Ethyl Acetate

Concen: 1.067 ppbv

RT: 5.70 min Scan# 906

Delta R.T. 0.04 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Tgt Ion: 43 Resp: 446132

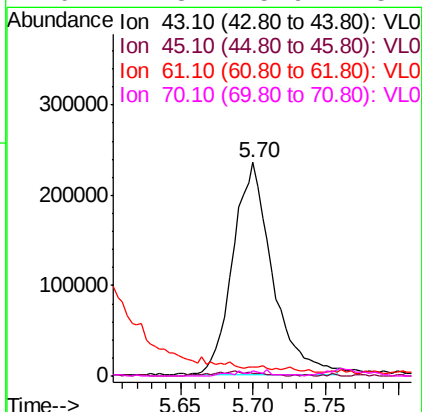
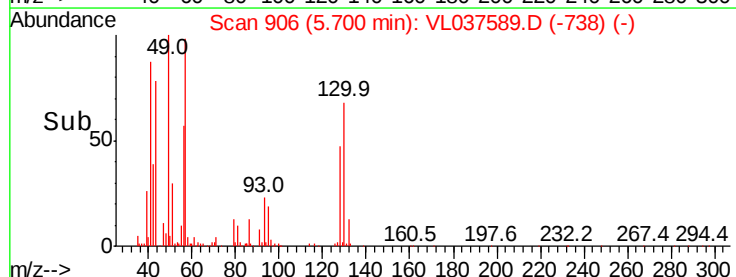
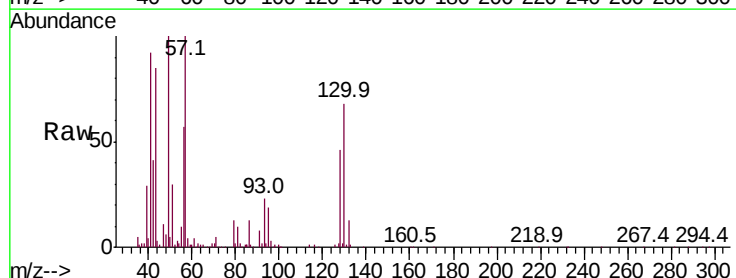
Ion Ratio Lower Upper

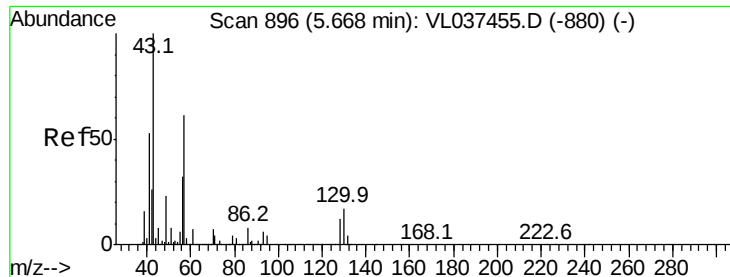
43 100

45 2.5 8.0 12.0#

61 0.0 8.0 12.0#

70 2.3 5.6 8.4#





#26

Hexane

Concen: 2.861 ppbv

RT: 5.70 min Scan# 905

Delta R.T. 0.03 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Instrument :

MSVOA_L

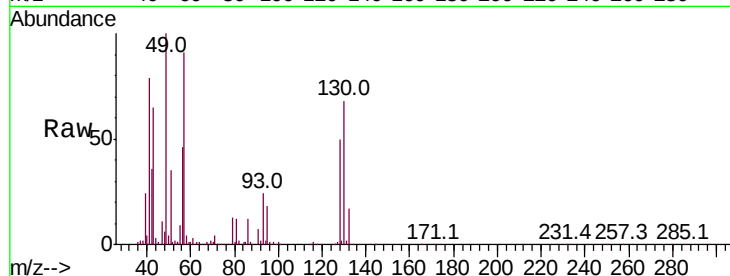
ClientSampleId :

SV-4

Tot Ion: 57 Resp: 584893

Ion Ratio Lower Upper

57	100		
41	94.2	72.3	108.5
43	78.3	172.3	258.5#
56	56.9	42.8	64.2

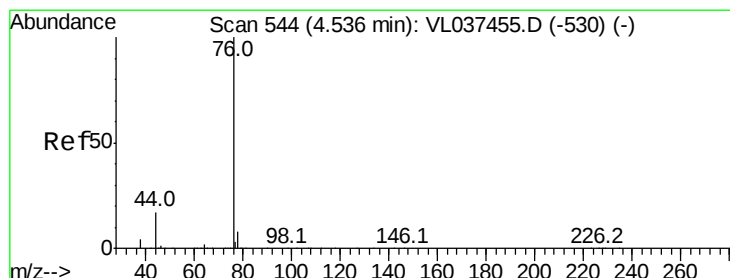
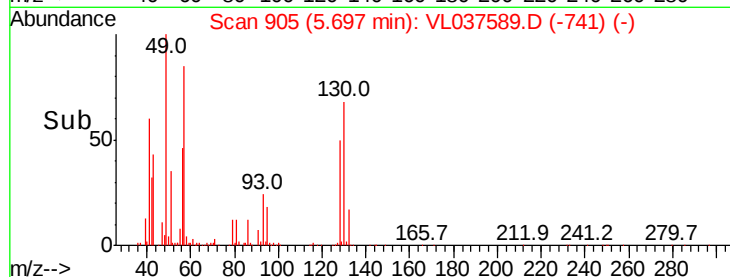
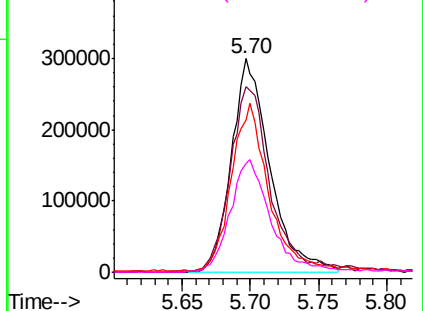


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 0.036 ppbv

RT: 4.56 min Scan# 552

Delta R.T. 0.03 min

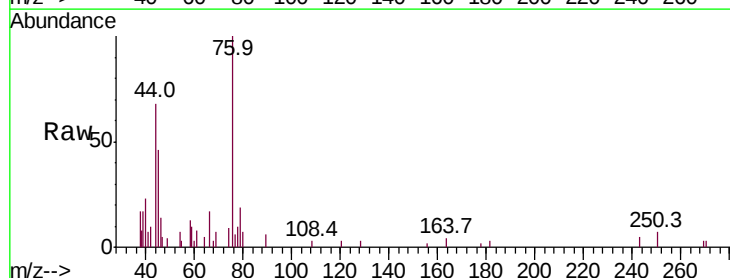
Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Tgt Ion: 76 Resp: 6634

Ion Ratio Lower Upper

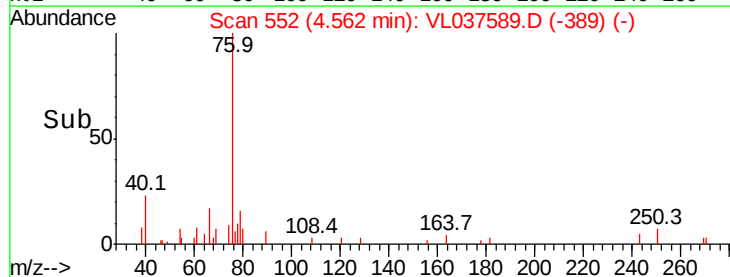
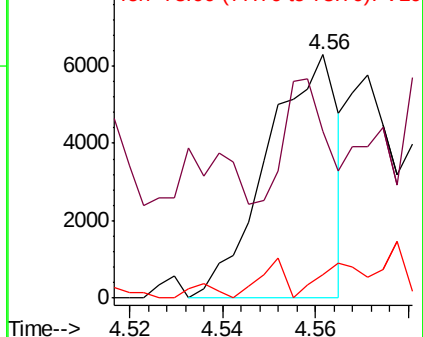
76	100		
44	52.0	13.9	20.9#
78	0.0	7.9	11.9#

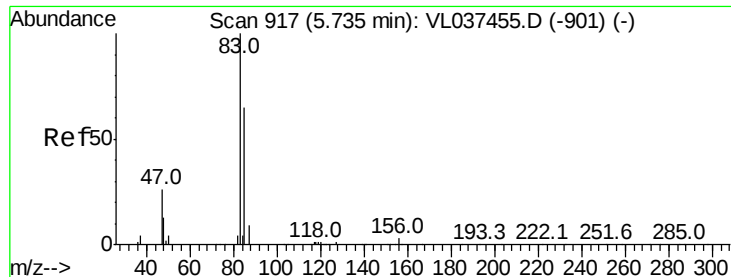


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





#29

Chloroform

Concen: 5.567 ppbv

RT: 5.76 min Scan# 926

Delta R.T. 0.03 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Instrument :

MSVOA_L

ClientSampleId :

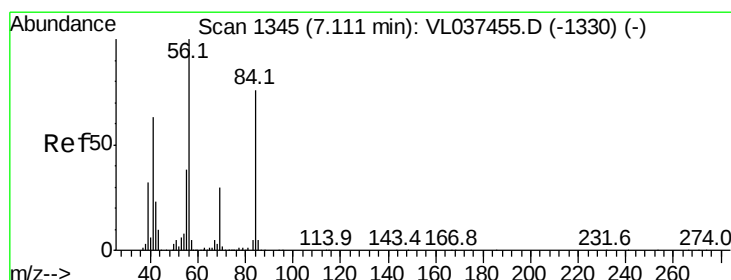
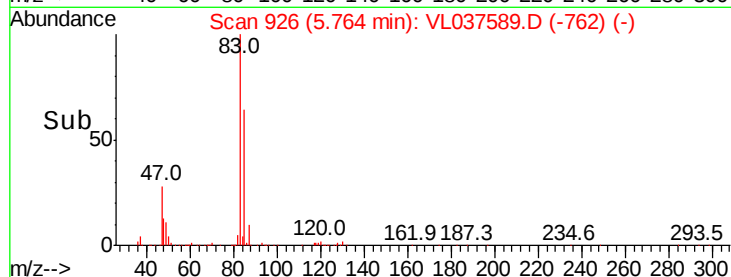
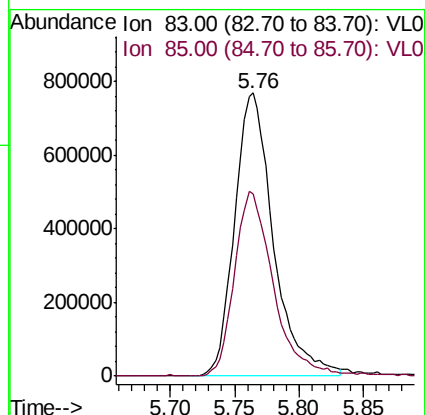
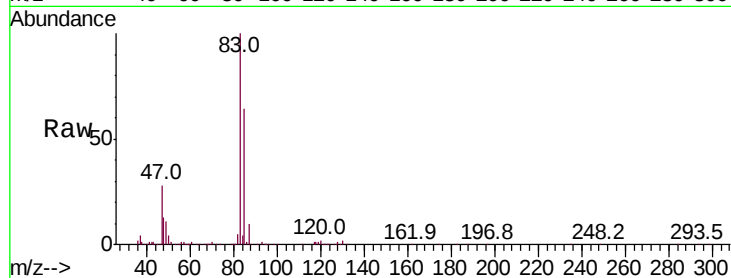
SV-4

Tot Ion: 83 Resp: 1612871

Ion Ratio Lower Upper

83 100

85 64.3 52.3 78.5



#30

Cyclohexane

Concen: 0.036 ppbv

RT: 7.15 min Scan# 1356

Delta R.T. 0.04 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

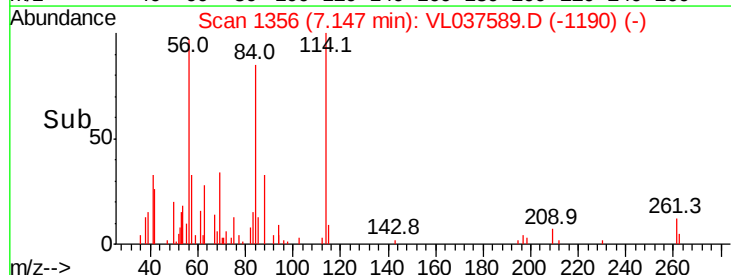
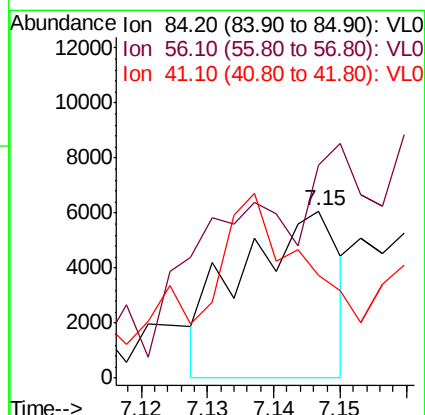
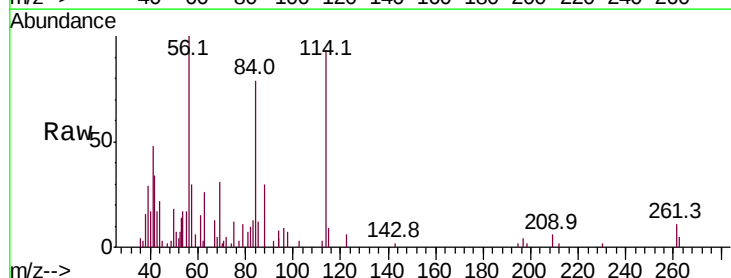
Tgt Ion: 84 Resp: 6212

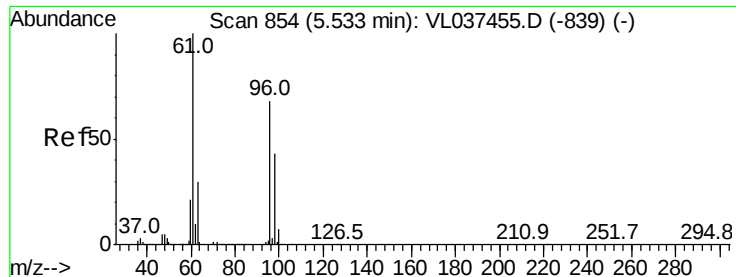
Ion Ratio Lower Upper

84 100

56 0.0 110.6 165.8#

41 0.0 67.0 100.6#



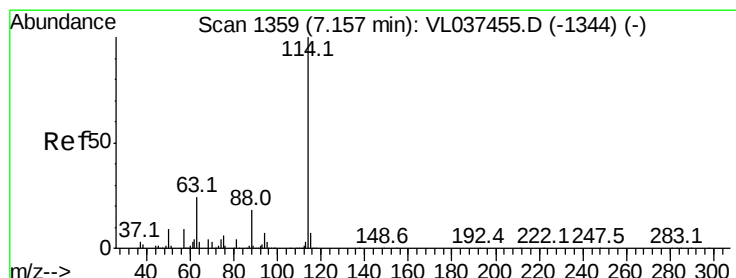
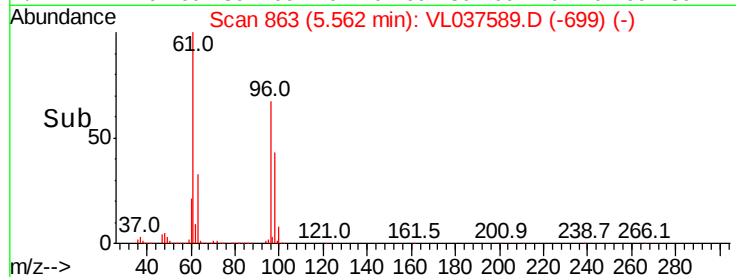
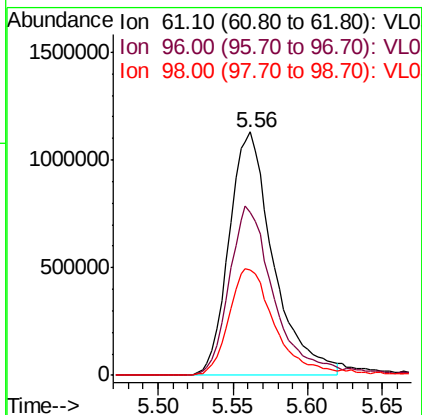
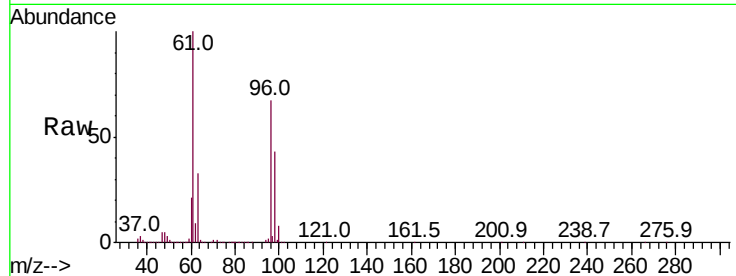


#31

cis-1,2-Dichloroethene
Concen: 12.560 ppbv
RT: 5.56 min Scan# 863
Delta R.T. 0.03 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

Instrument :
MSVOA_L
ClientSampleId :
SV-4

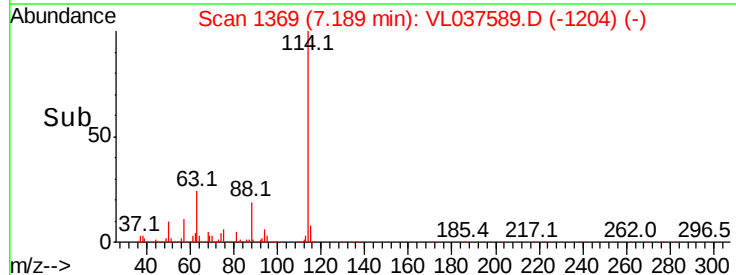
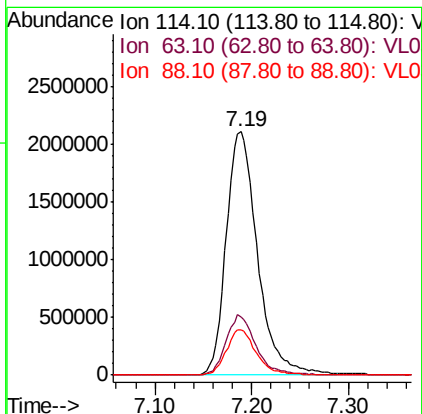
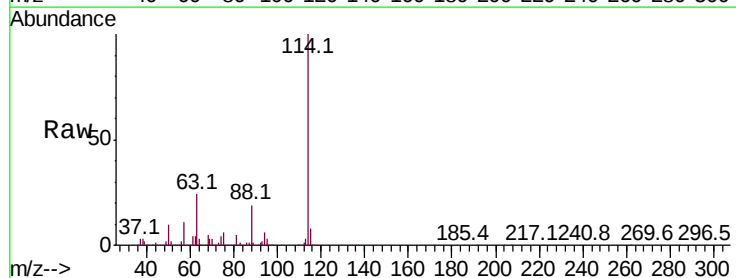
Tot Ion: 61 Resp: 2323935
Ion Ratio Lower Upper
61 100
96 67.0 54.8 82.2
98 43.4 34.2 51.2

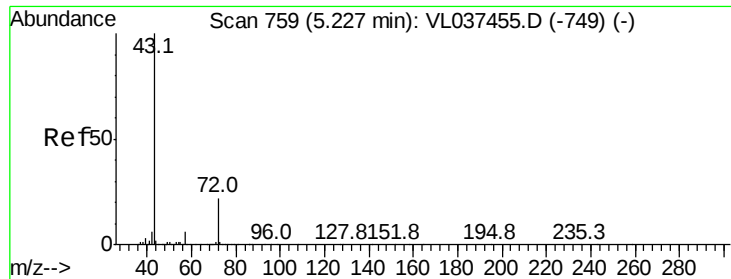


#33

1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.03 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

Tgt Ion: 114 Resp: 4769578
Ion Ratio Lower Upper
114 100
63 23.8 19.3 28.9
88 18.1 14.2 21.4

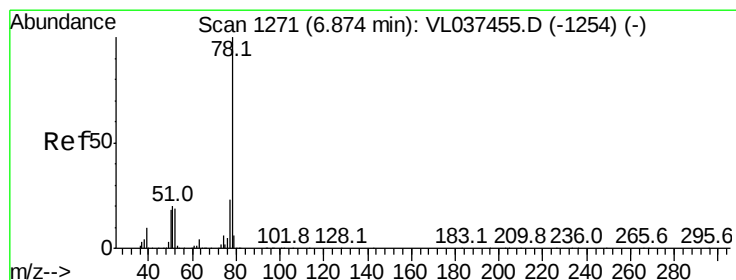
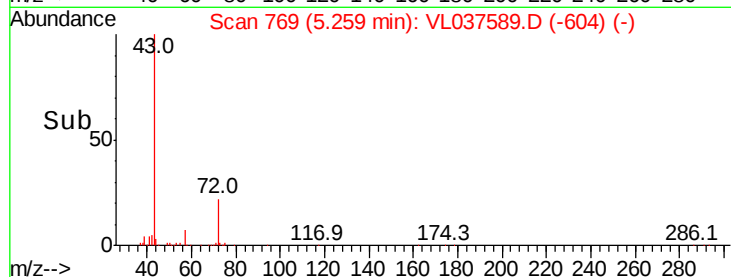
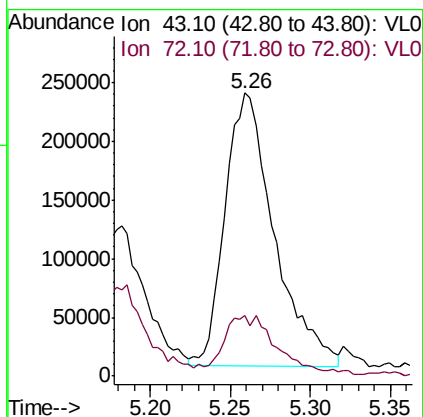
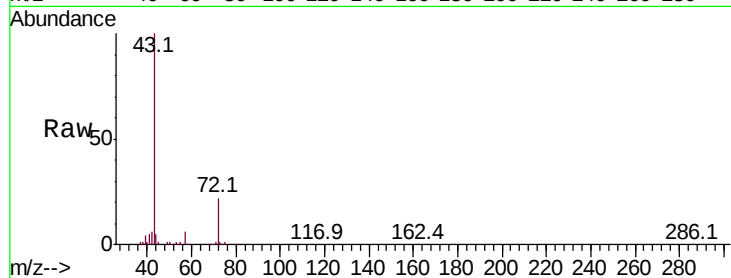




#34
2-Butanone
Concen: 2.516 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.03 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

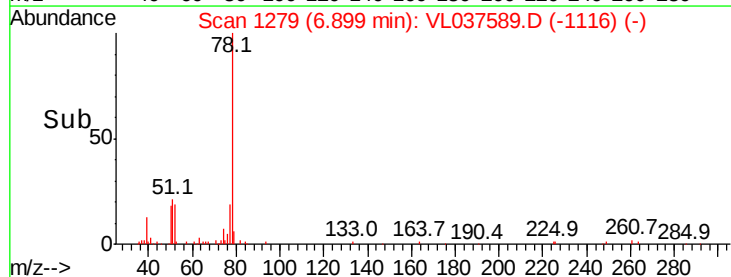
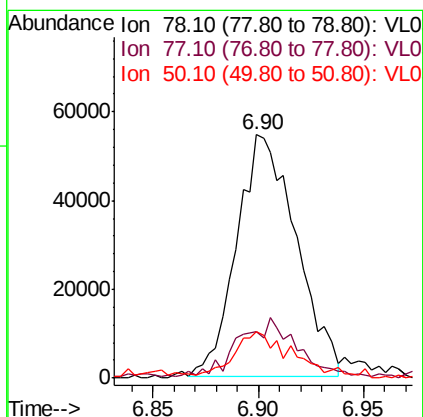
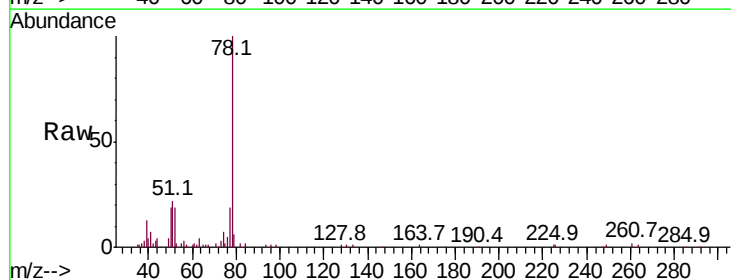
Instrument :
MSVOA_L
ClientSampleId :
SV-4

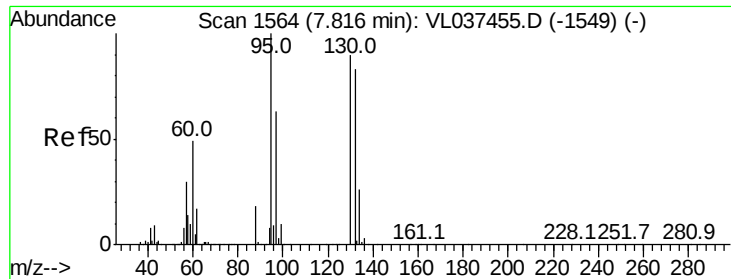
Tot Ion: 43 Resp: 489984
Ion Ratio Lower Upper
43 100
72 24.3 17.4 26.0



#36
Benzene
Concen: 0.267 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.03 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

Tgt Ion: 78 Resp: 107066
Ion Ratio Lower Upper
78 100
77 16.7 18.2 27.4#
50 15.0 14.6 21.8





#38

Trichloroethene

Concen: 12.645 ppbv

RT: 7.85 min Scan# 1574

Delta R.T. 0.03 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Instrument :

MSVOA_L

ClientSampled :

SV-4

Tot Ion:130 Resp: 2080110

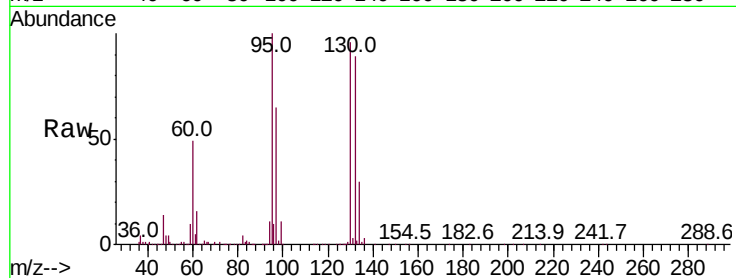
Ion Ratio Lower Upper

130 100

95 103.8 89.2 133.8

132 92.2 74.0 111.0

97 67.0 56.6 84.8

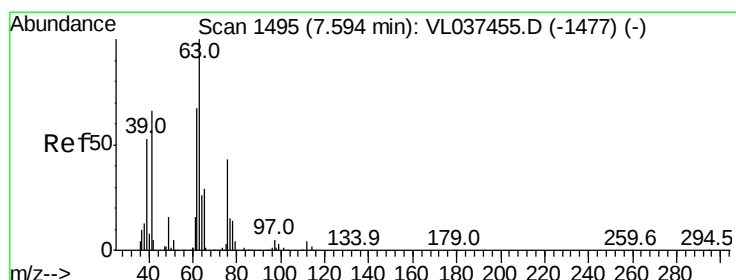
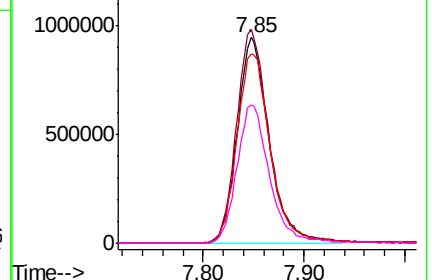
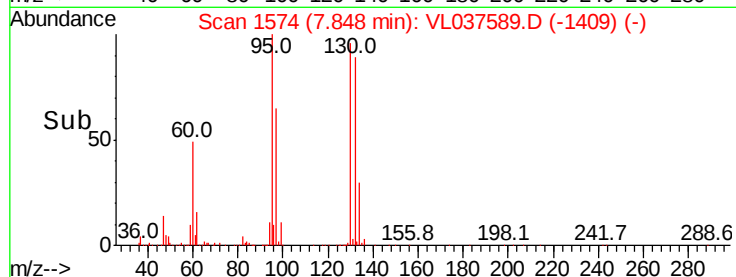


Abundance Ion 130.00 (129.70 to 130.70): V

1500000 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: 7.242 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. -0.41 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

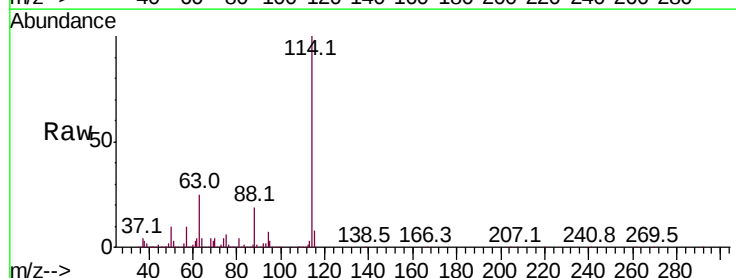
Tgt Ion: 63 Resp: 1115781

Ion Ratio Lower Upper

63 100

41 0.0 52.4 78.6#

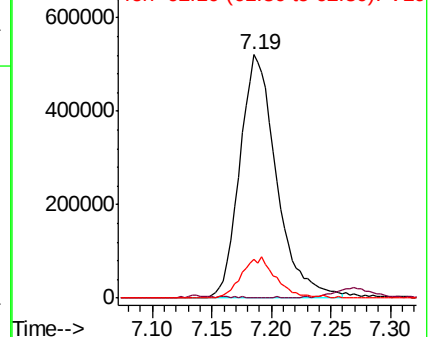
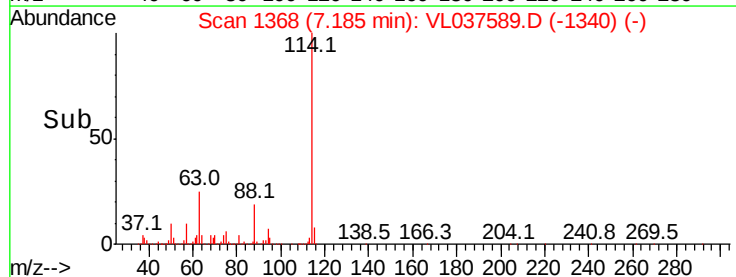
62 16.1 53.6 80.4#

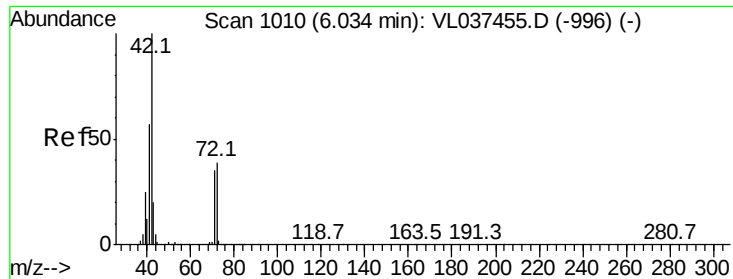


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

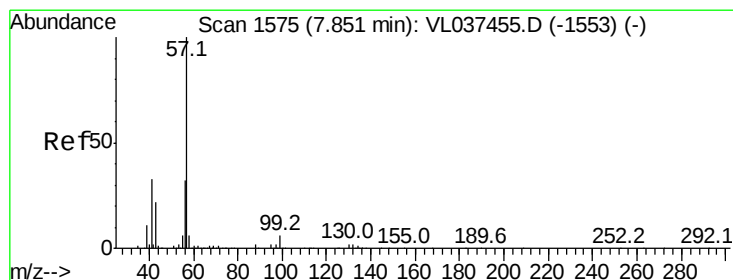
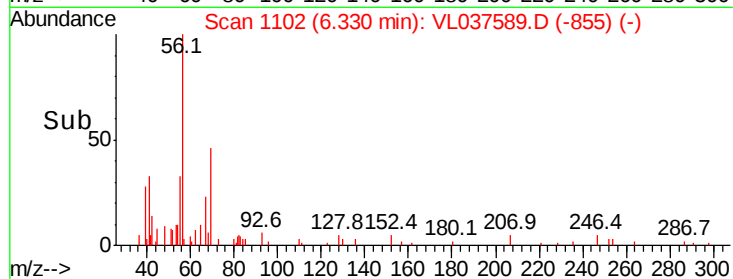
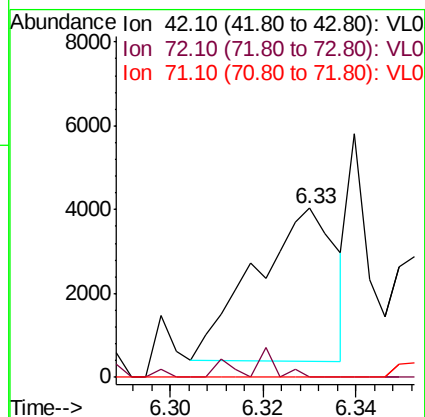
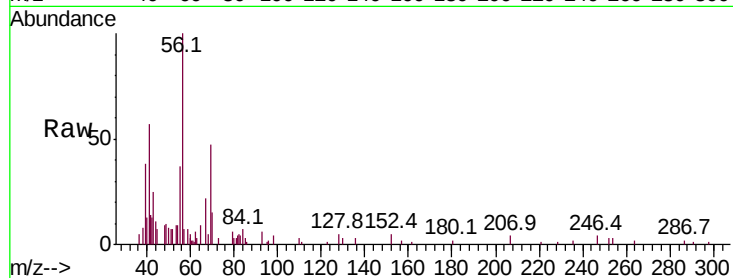




#41
Tetrahydrofuran
Concen: 0.047 ppbv
RT: 6.33 min Scan# 1102
Delta R.T. 0.30 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

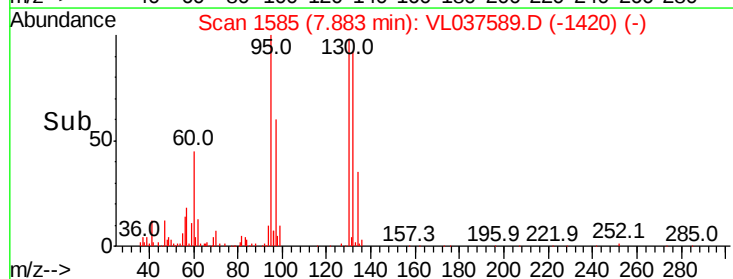
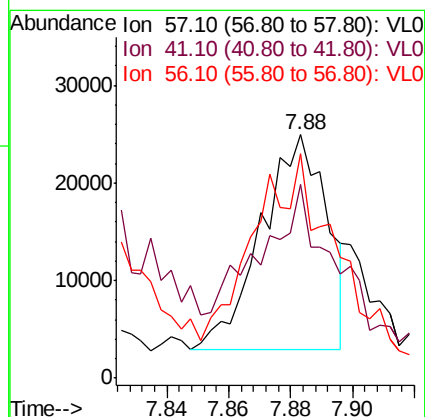
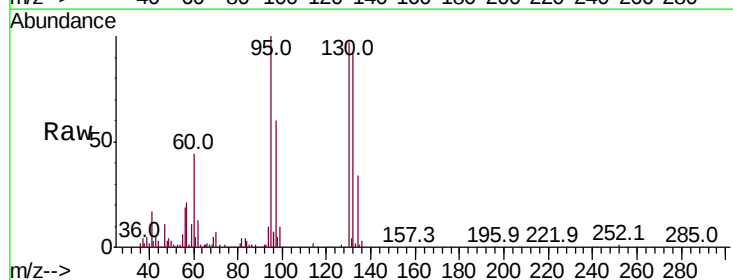
Instrument :
MSVOA_L
ClientSampleId :
SV-4

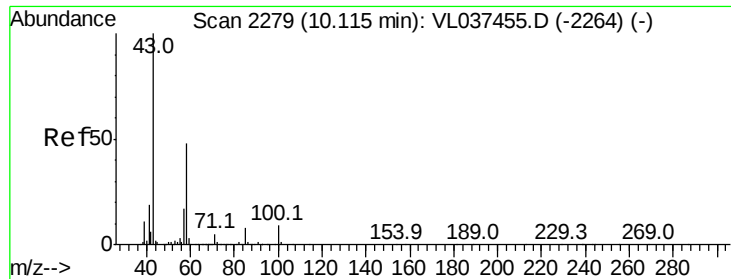
Tot Ion: 42 Resp: 4427
Ion Ratio Lower Upper
42 100
72 7.5 32.2 48.4#
71 0.0 30.5 45.7#



#44
2,2,4-Trimethylpentane
Concen: 0.048 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.03 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

Tgt Ion: 57 Resp: 32469
Ion Ratio Lower Upper
57 100
41 108.3 26.2 39.4#
56 157.3 25.4 38.2#

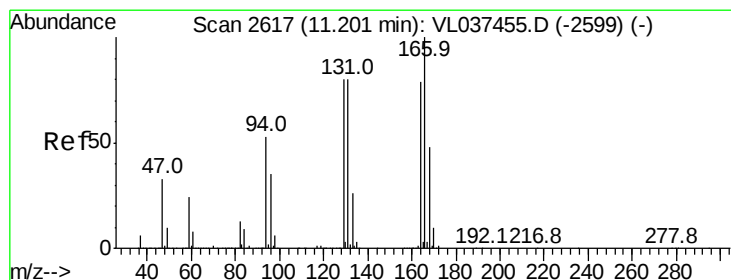
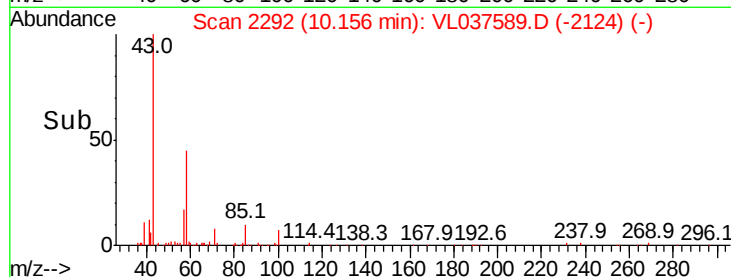
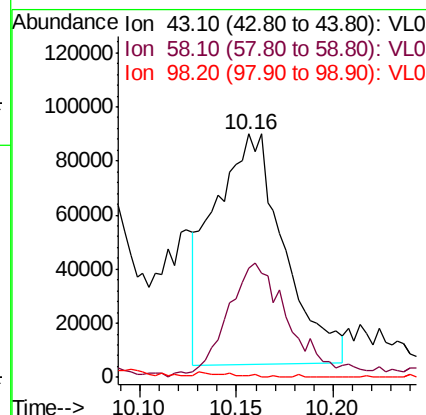
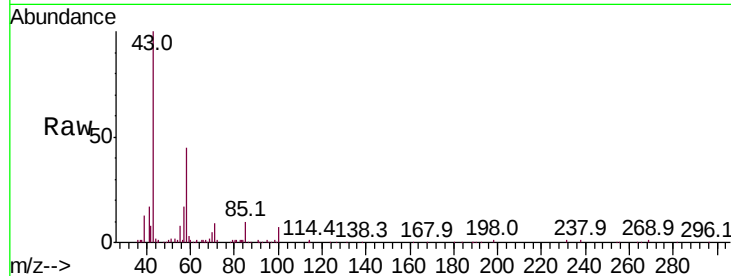




#51
2-Hexanone
Concen: 1.839 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.04 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

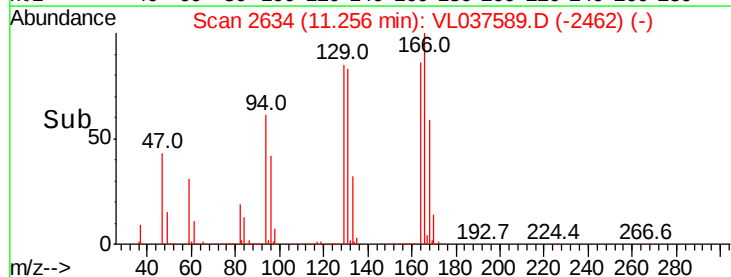
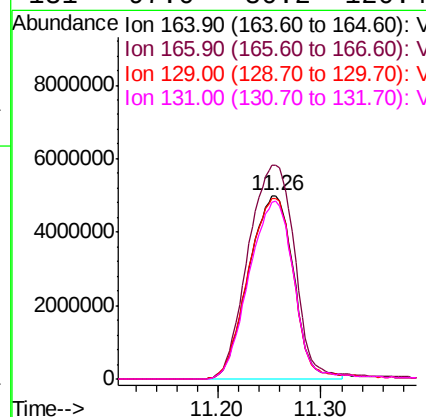
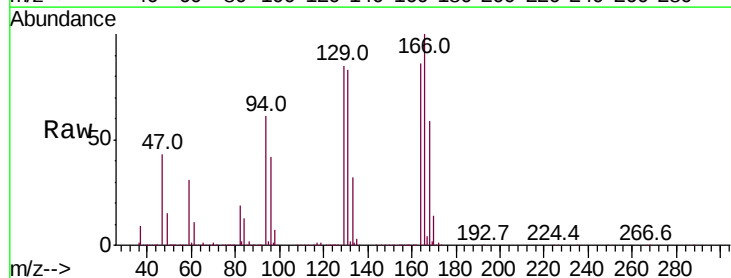
Instrument :
MSVOA_L
ClientSampled :
SV-4

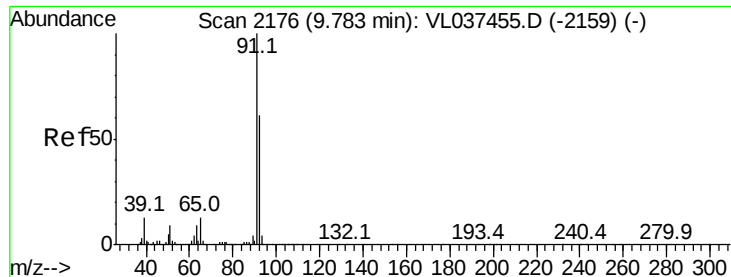
Tot Ion: 43 Resp: 214876
Ion Ratio Lower Upper
43 100
58 46.3 41.0 61.6
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 91.477 ppbv
RT: 11.26 min Scan# 2634
Delta R.T. 0.05 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

Tgt Ion: 164 Resp: 15029914
Ion Ratio Lower Upper
164 100
166 116.3 100.7 151.1
129 98.4 80.9 121.3
131 97.0 80.2 120.4





#53

Toluene

Concen: 2.210 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. 0.04 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Instrument :

MSVOA_L

ClientSampleId :

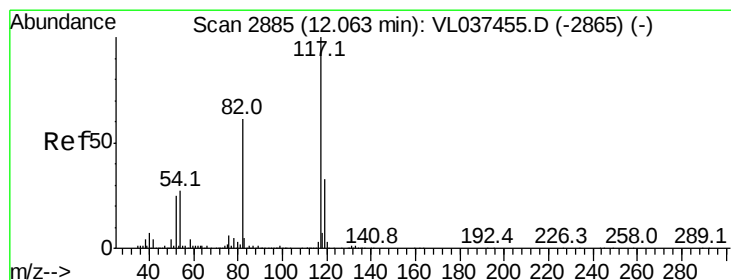
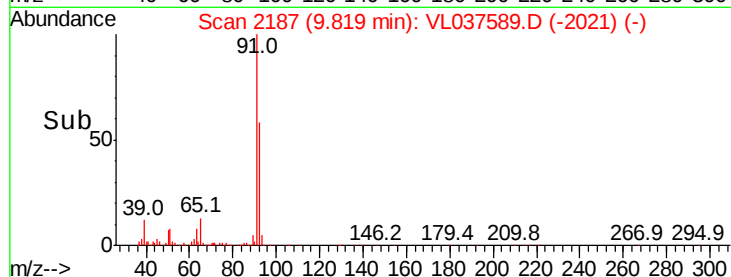
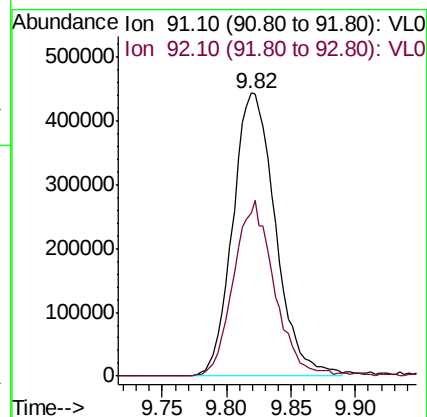
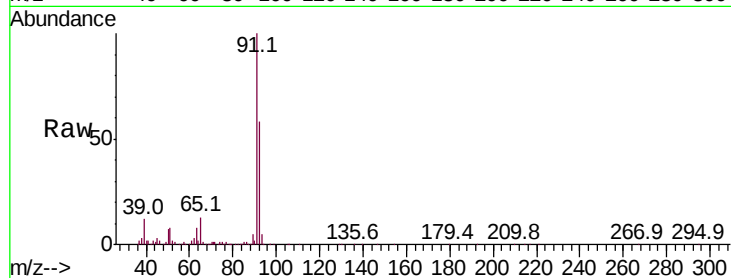
SV-4

Tot Ion: 91 Resp: 1011627

Ion Ratio Lower Upper

91 100

92 60.2 48.8 73.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. 0.04 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

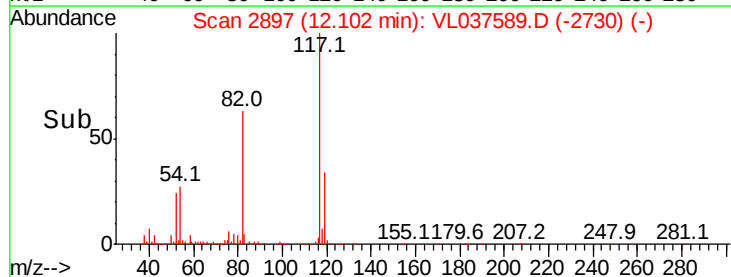
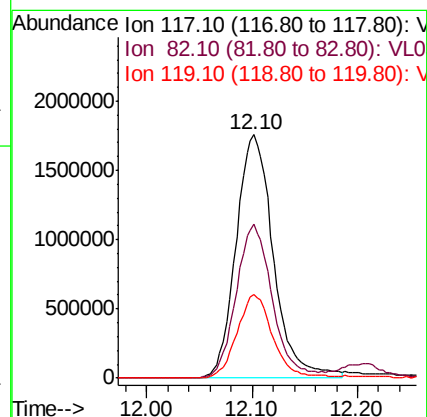
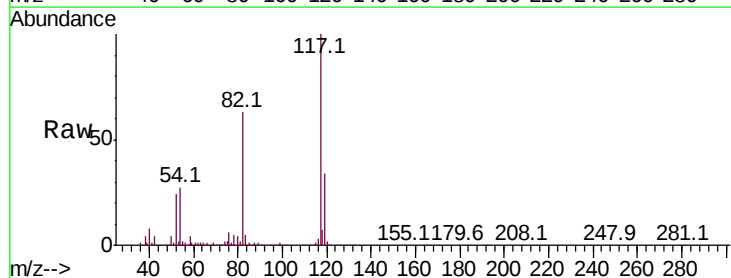
Tgt Ion: 117 Resp: 4319668

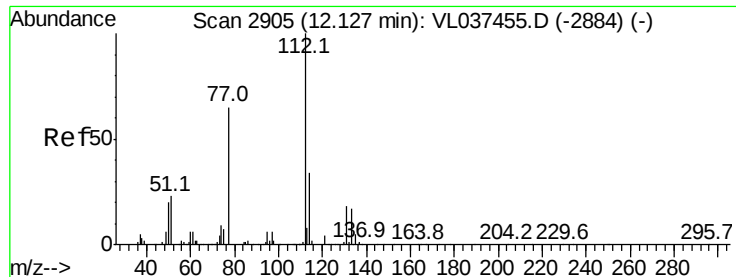
Ion Ratio Lower Upper

117 100

82 62.1 52.9 79.3

119 33.9 24.8 37.2





#57

Chlorobenzene

Concen: 0.069 ppbv

RT: 12.16 min Scan# 2915

Delta R.T. 0.03 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Instrument :

MSVOA_L

ClientSampleId :

SV-4

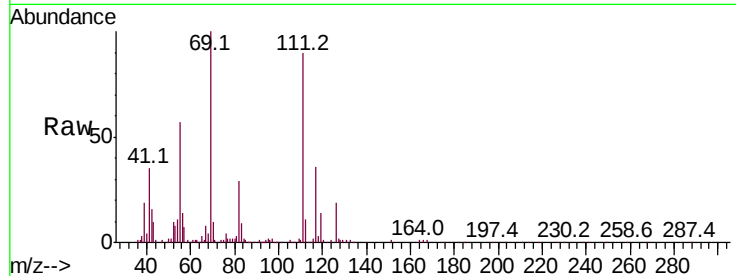
Tot Ion:112 Resp: 24586

Ion Ratio Lower Upper

112 100

77 7.5 51.6 77.4#

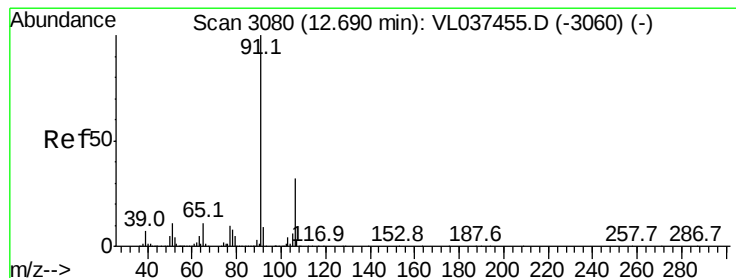
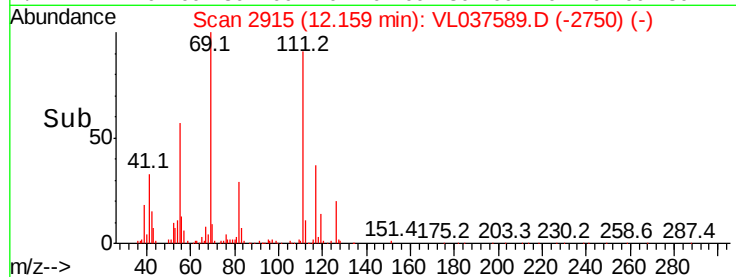
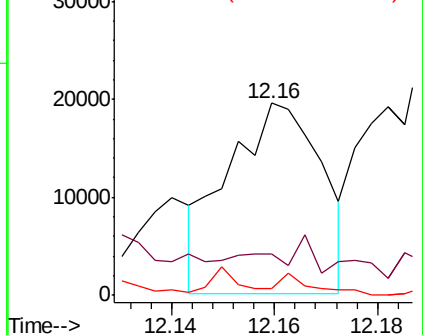
114 0.9 30.7 37.5#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 0.567 ppbv

RT: 12.73 min Scan# 3091

Delta R.T. 0.04 min

Lab File: VL037589.D

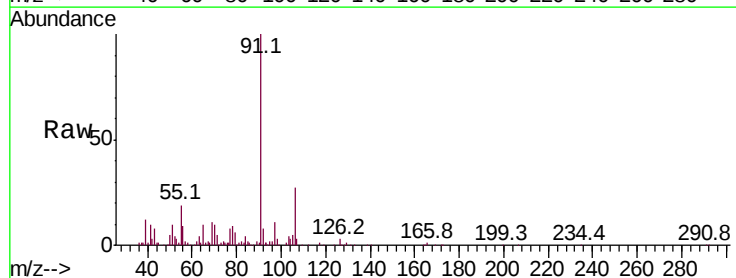
Acq: 9 Sep 2021 2:38

Tgt Ion: 91 Resp: 339881

Ion Ratio Lower Upper

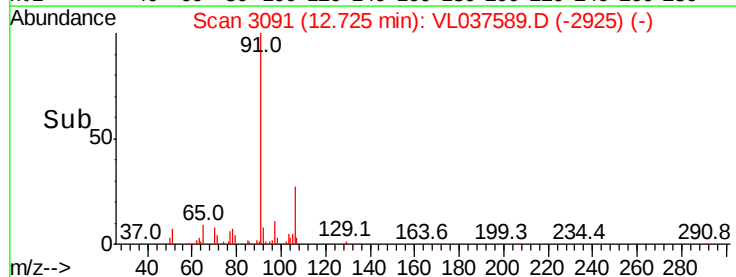
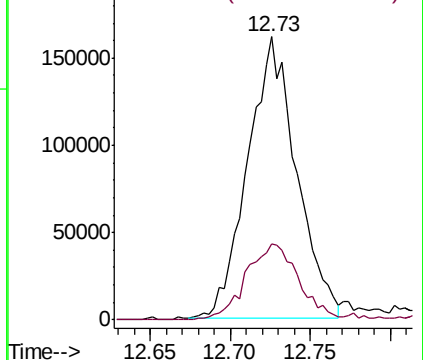
91 100

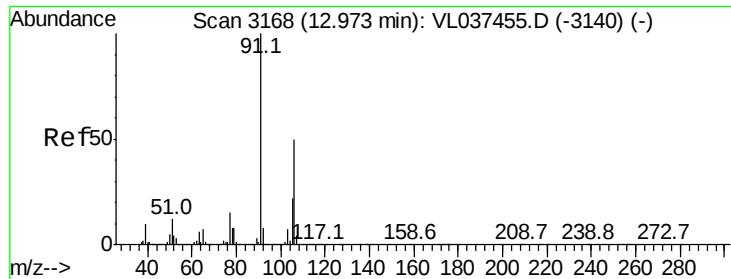
106 26.8 25.7 38.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

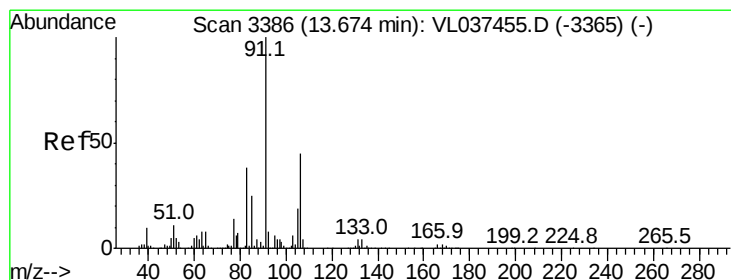
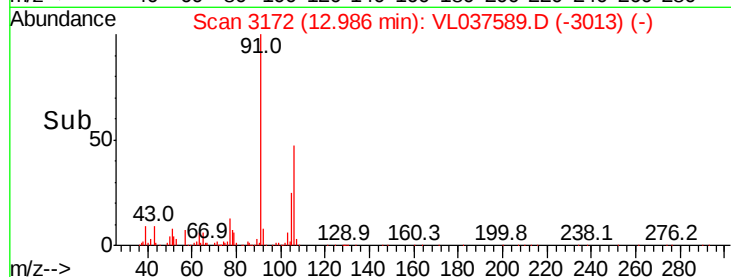
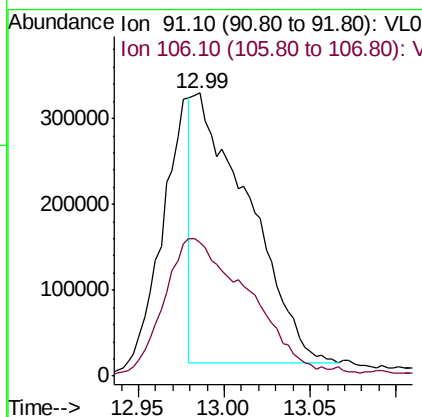
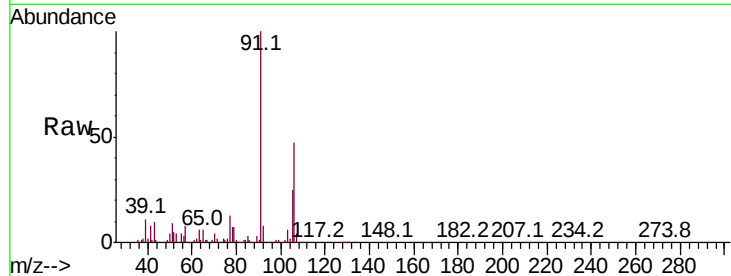




#59
m/p-Xylene
Concen: 1.369 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. 0.01 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

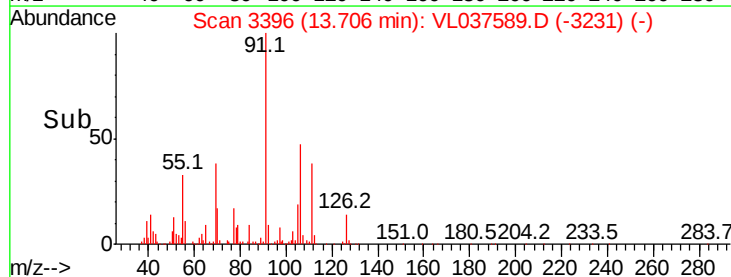
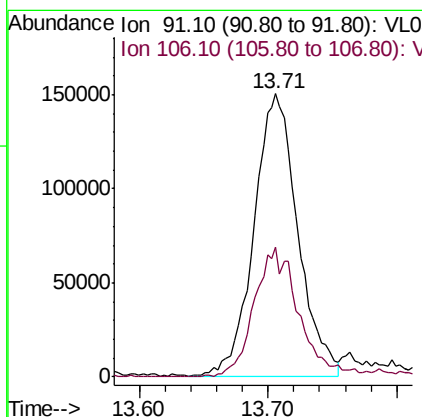
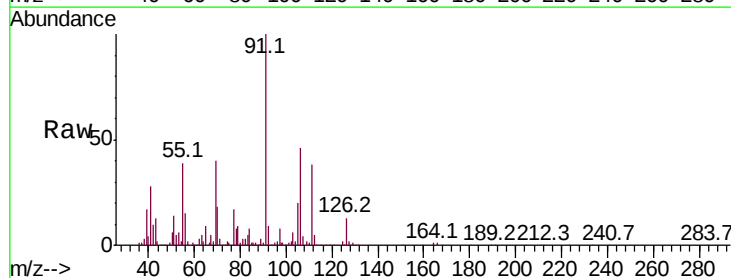
Instrument :
MSVOA_L
ClientSampled :
SV-4

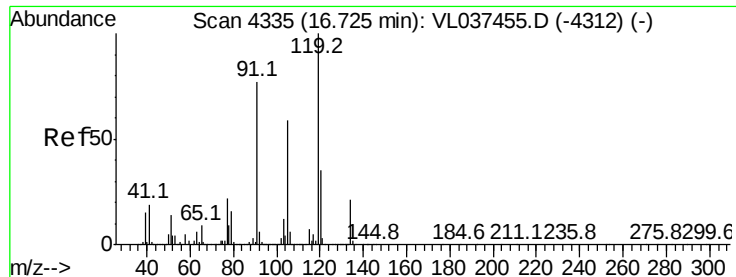
Tot Ion: 91 Resp: 711275
Ion Ratio Lower Upper
91 100
106 80.8 36.9 55.3#



#60
o-Xylene
Concen: 0.731 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.03 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

Tgt Ion: 91 Resp: 354418
Ion Ratio Lower Upper
91 100
106 49.6 23.7 71.1

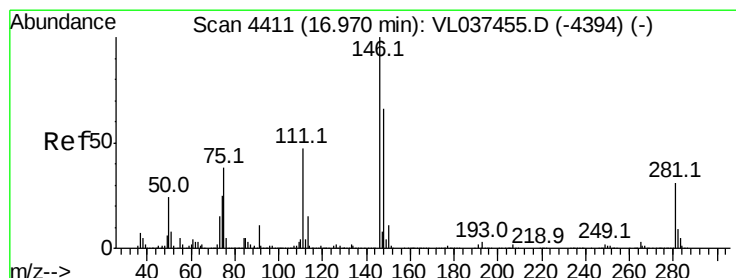
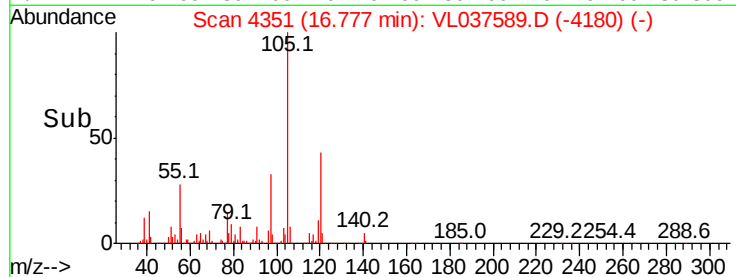
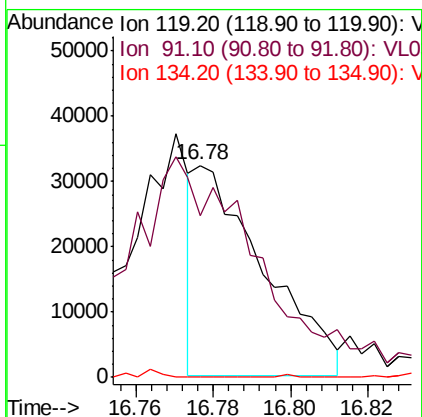
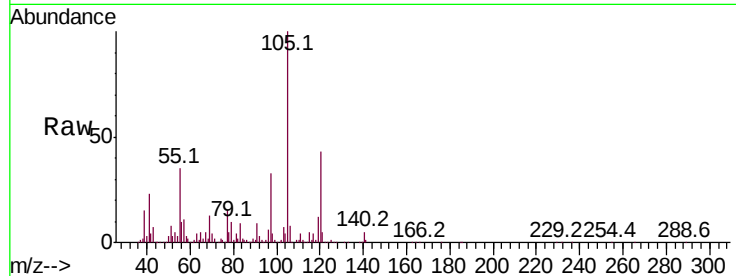




#65
tert-Butylbenzene
Concen: 0.064 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. 0.05 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

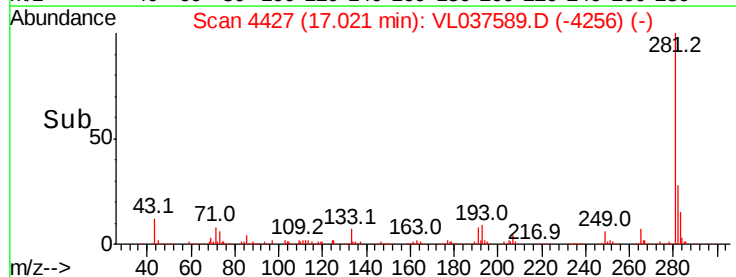
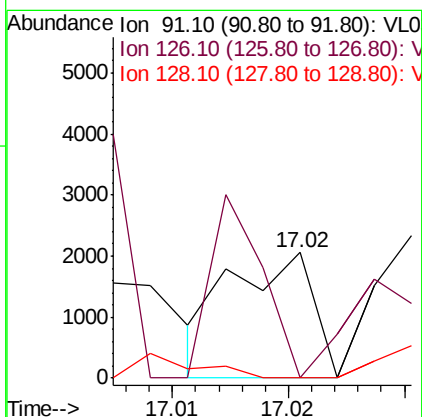
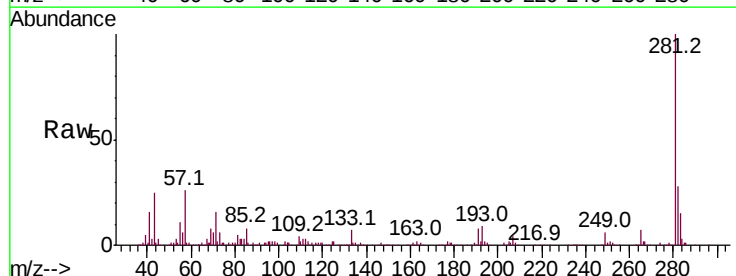
Instrument :
MSVOA_L
Client Sampled :
SV-4

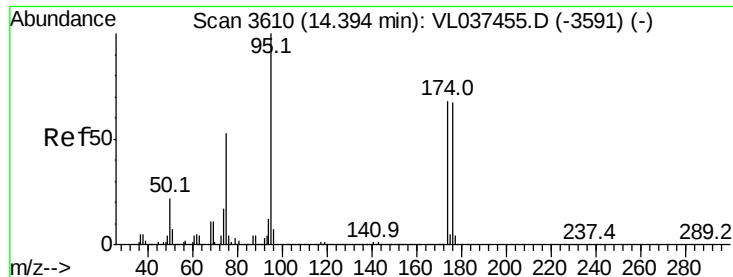
Tot Ion: 119 Resp: 39675
Ion Ratio Lower Upper
119 100
91 0.0 62.9 94.3#
134 0.0 16.4 24.6#



#66
Benzyl Chloride
Concen: 0.036 ppbv
RT: 17.02 min Scan# 4427
Delta R.T. 0.05 min
Lab File: VL037589.D
Acq: 9 Sep 2021 2:38

Tgt Ion: 91 Resp: 1014
Ion Ratio Lower Upper
91 100
126 0.0 15.9 23.9#
128 0.0 5.4 8.0#

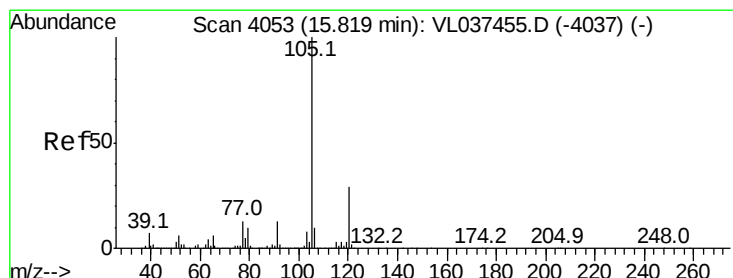
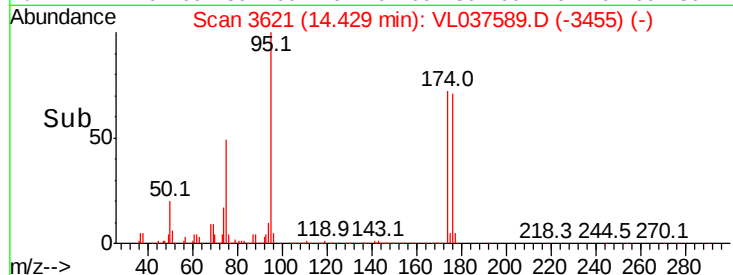
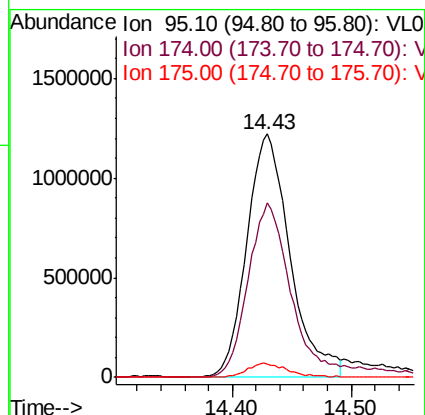
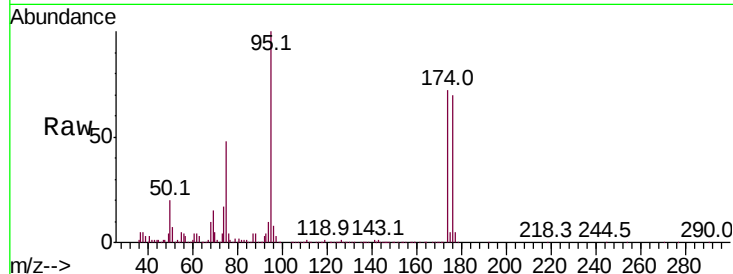




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.039 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T. 0.04 min
 Lab File: VL037589.D
 Acq: 9 Sep 2021 2:38

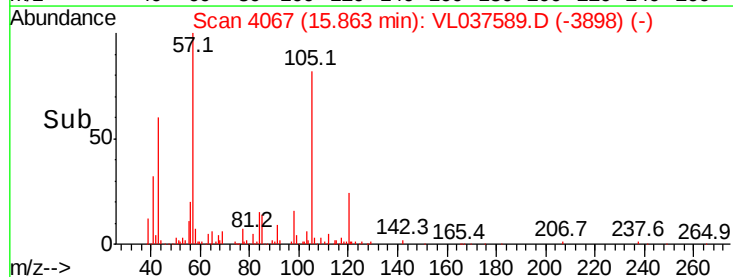
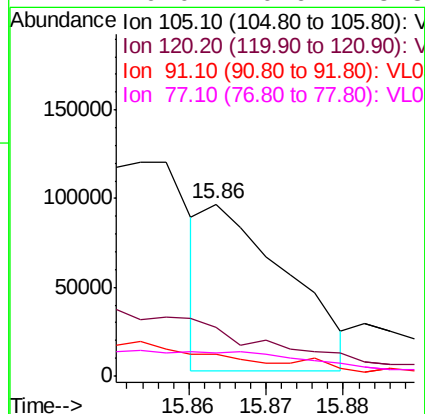
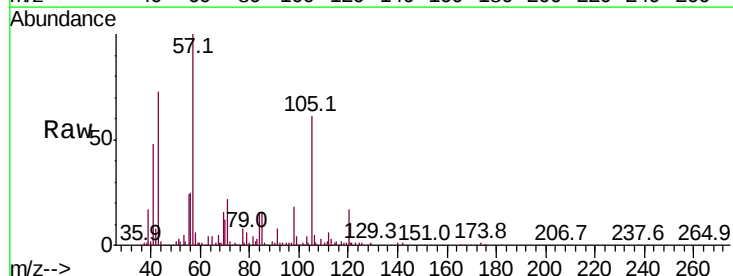
Instrument :
 MSVOA_L
 ClientSampled :
 SV-4

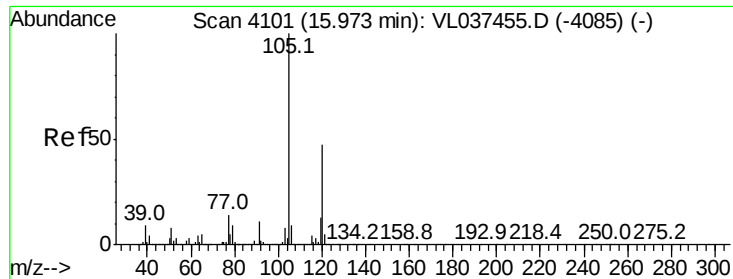
Tot Ion: 95 Resp: 3080857
 Ion Ratio Lower Upper
 95 100
 174 77.3 59.6 89.4
 175 6.0 4.6 7.0



#72
 4-Ethyltoluene
 Concen: 0.120 ppbv
 RT: 15.86 min Scan# 4067
 Delta R.T. 0.04 min
 Lab File: VL037589.D
 Acq: 9 Sep 2021 2:38

Tgt Ion: 105 Resp: 69328
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.7 37.1#
 91 0.0 9.8 14.8#
 77 0.0 10.6 15.8#





#73

1,3,5-Trimethylbenzene

Concen: 0.069 ppbv

RT: 16.02 min Scan# 4116

Delta R.T. 0.05 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Instrument :

MSVOA_L

ClientSampleId :

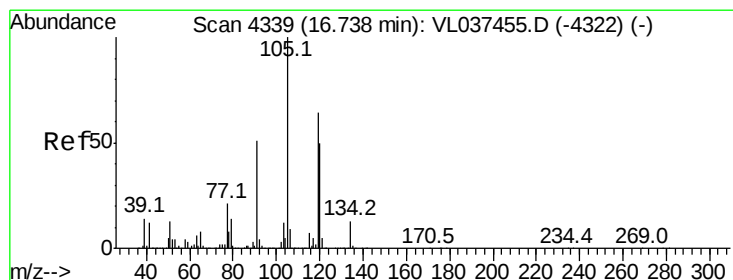
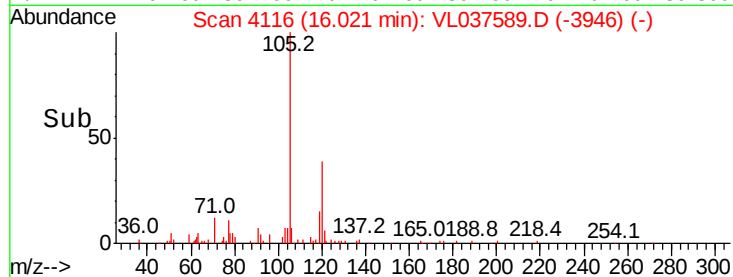
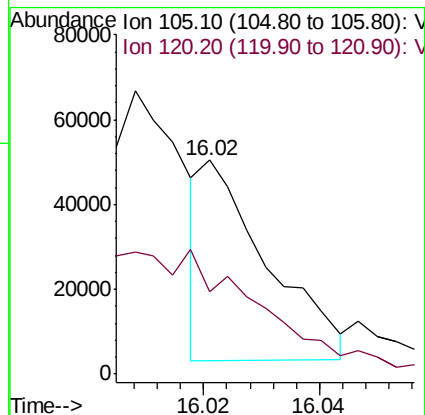
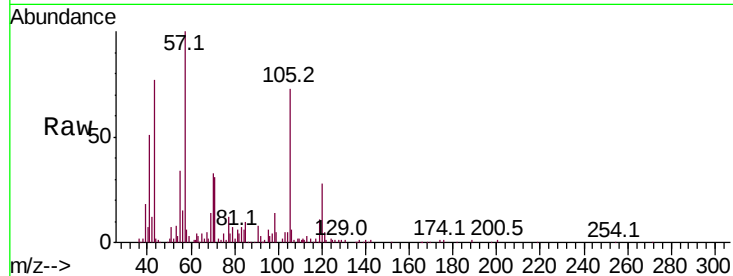
SV-4

Tot Ion:105 Resp: 37138

Ion Ratio Lower Upper

105 100

120 35.5 37.6 56.4#



#74

1,2,4-Trimethylbenzene

Concen: 1.266 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.04 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Tgt Ion:105 Resp: 722376

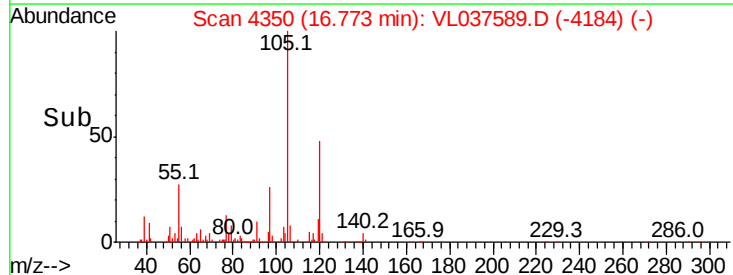
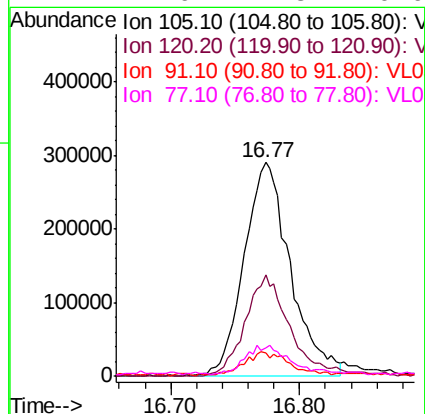
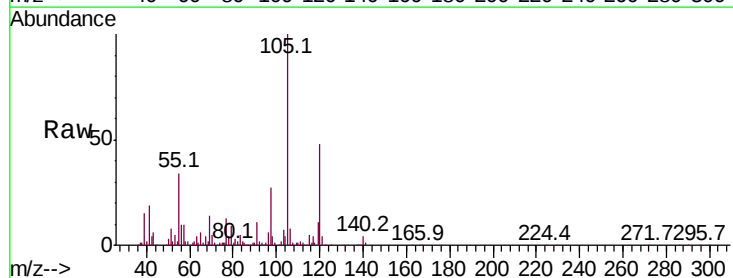
Ion Ratio Lower Upper

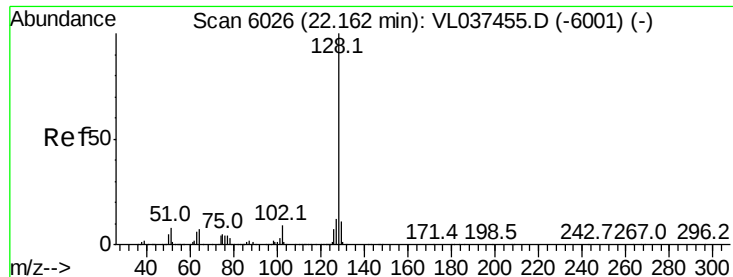
105 100

120 47.5 40.4 60.6

91 9.7 44.6 67.0#

77 12.6 17.8 26.6#





#79

Naphthalene

Concen: 0.126 ppbv

RT: 22.22 min Scan# 6043

Delta R.T. 0.05 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Instrument :

MSVOA_L

ClientSampleId :

SV-4

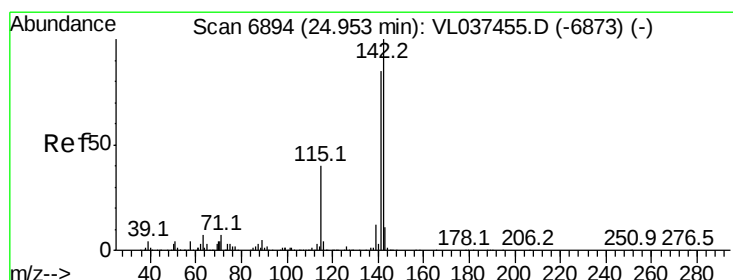
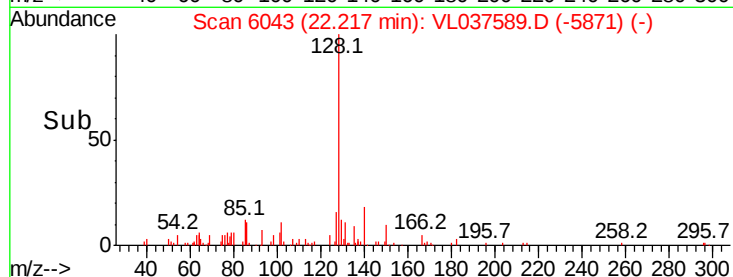
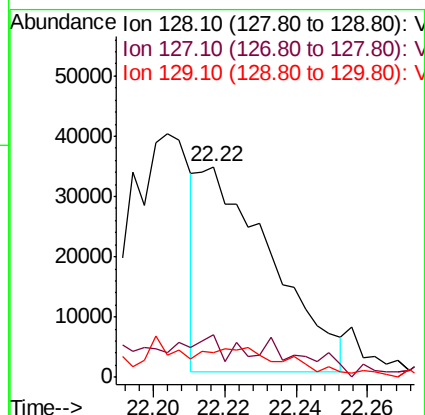
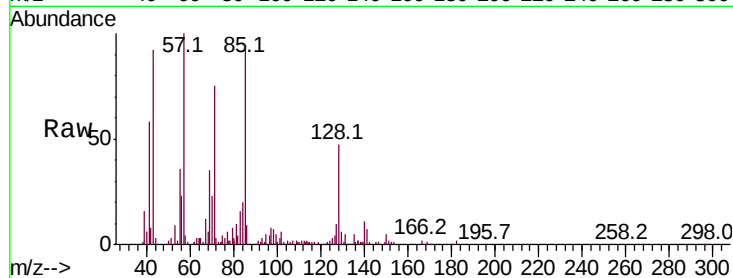
Tot Ion:128 Resp: 48225

Ion Ratio Lower Upper

128 100

127 17.4 9.4 14.2#

129 11.0 8.8 13.2



#80

Naphthalene, 2-methyl-

Concen: 0.050 ppbv

RT: 25.29 min Scan# 6999

Delta R.T. 0.34 min

Lab File: VL037589.D

Acq: 9 Sep 2021 2:38

Tgt Ion:142 Resp: 5270

Ion Ratio Lower Upper

142 100

141 82.5 64.7 97.1

115 36.4 28.4 42.6

