

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081621\
 Data File : VL037481.D
 Acq On : 17 Aug 2021 3:49
 Operator : SY/AP
 Sample : M2940-13 0.4 LOD
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 17 07:47:16 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	5.65	49	1345125	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4050839	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3566621	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2565046	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	62754	0.291	ppbv 92
3) Chlorodifluoromethane	2.98	51	119151	0.463	ppbv 97
4) Chloromethane	3.13	50	41915	0.455	ppbv 92
5) Vinyl Chloride	3.25	62	18900	0.200	ppbv # 85
6) Bromomethane	3.47	94	18506	0.358	ppbv 86
7) Chloroethane	3.55	64	12198	0.379	ppbv # 71
8) Dichlorotetrafluoroethane	3.18	85	101181	0.454	ppbv 95
9) Propene	3.00	41	17703	0.192	ppbv # 1
10) Heptane	8.11	43	73048	0.344	ppbv 91
11) Trichlorofluoromethane	3.94	101	84246	0.416	ppbv 87
12) 1,1,2-Trichlorotrifluoroet	4.47	101	64309	0.433	ppbv 95
13) Ethanol	3.62	45	3304	0.368	ppbv # 48
14) Bromoethene	3.73	108	16850	0.250	ppbv # 21
15) Acetone	3.86	43	27250	0.199	ppbv # 44
16) 1,3-Butadiene	3.31	39	14763	0.168	ppbv # 1
18) 1,1-Dichloroethene	4.28	96	17104	0.253	ppbv # 91
20) Methylene Chloride	4.33	84	21148	0.309	ppbv 93
21) Allyl Chloride	4.40	41	41058	0.369	ppbv # 85
22) trans-1,2-Dichloroethene	4.88	96	15003	0.223	ppbv # 91
23) Vinyl Acetate	5.07	43	39860	0.198	ppbv # 97
24) 1,1-Dichloroethane	5.00	63	54725	0.374	ppbv 98
25) Ethyl Acetate	5.68	43	132459	0.381	ppbv # 94
26) Hexane	5.67	57	60099	0.354	ppbv # 80
27) Carbon Disulfide	4.54	76	45416	0.300	ppbv # 79
28) Methyl tert-Butyl Ether	5.04	73	36829	0.226	ppbv # 51
29) Chloroform	5.74	83	105063	0.436	ppbv 86
30) Cyclohexane	7.12	84	22134	0.156	ppbv # 1
31) cis-1,2-Dichloroethene	5.54	61	34129	0.222	ppbv 93
32) 1,1,1-Trichloroethane	6.49	97	93049	0.393	ppbv 96
35) Carbon Tetrachloride	7.00	117	81873	0.342	ppbv 91
36) Benzene	6.87	78	110453	0.324	ppbv # 90
37) 1,2-Dichloroethane	6.29	62	66354	0.393	ppbv # 95
38) Trichloroethene	7.82	130	49520	0.354	ppbv # 86
39) 1,2-Dichloropropane	7.61	63	13120	0.100	ppbv 95
42) Bromodichloromethane	7.78	83	51980	0.211	ppbv 97
43) Methyl Methacrylate	8.00	69	8714	0.073	ppbv # 1
44) 2,2,4-Trimethylpentane	7.86	57	92539	0.161	ppbv # 9
46) cis-1,3-Dichloropropene	8.69	75	7911	0.063	ppbv # 74
47) 1,1,2-Trichloroethane	9.46	97	45429	0.321	ppbv # 83
48) Dibromochloromethane	10.29	129	58976	0.290	ppbv 88
49) Bromoform	13.02	173	32498	0.203	ppbv # 66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

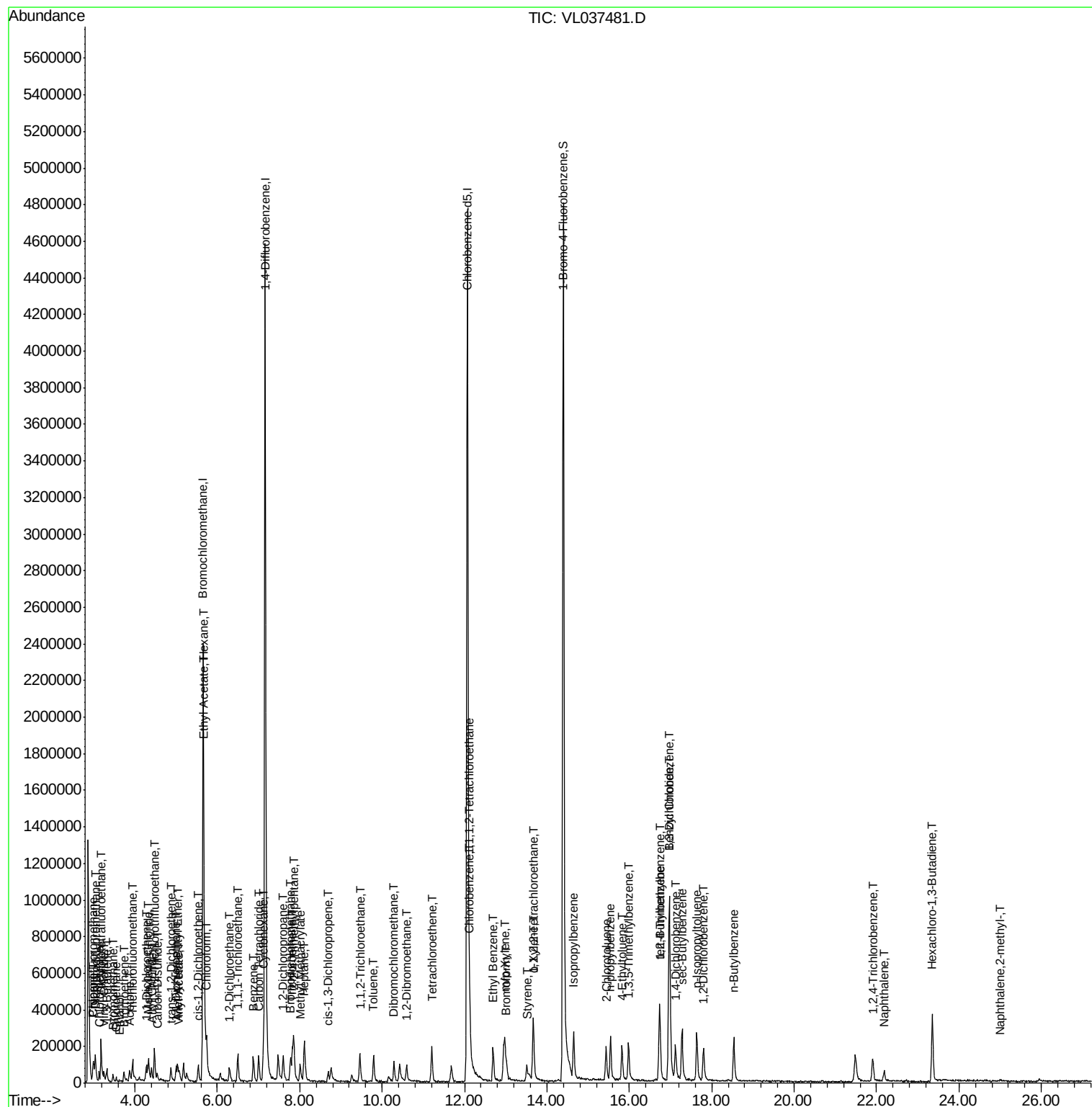
52) Tetrachloroethene	11.21	164	12207	0.087	ppbv #	23
53) Toluene	9.79	91	118881	0.306	ppbv	97
54) 1,2-Dibromoethane	10.59	107	67716	0.343	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.11	131	29623	0.199	ppbv #	1
57) Chlorobenzene	12.13	112	124316	0.420	ppbv	91
58) Ethyl Benzene	12.69	91	75665	0.153	ppbv	92
59) m/p-Xylene	12.98	91	106196	0.247	ppbv #	1
60) o-Xylene	13.67	91	143338	0.358	ppbv	99
61) Styrene	13.51	104	43695	0.210	ppbv #	77
62) Isopropylbenzene	14.65	105	233507	0.413	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.66	83	86236	0.290	ppbv #	62
64) n-propylbenzene	15.55	120	11308	0.079	ppbv #	1
65) tert-Butylbenzene	16.73	119	178171	0.346	ppbv	86
66) Benzyl Chloride	16.97	91	1174	0.050	ppbv #	1
67) sec-Butylbenzene	17.28	105	271716	0.378	ppbv	97
69) p-Isopropyltoluene	17.64	119	199661	0.341	ppbv	96
70) n-Butylbenzene	18.54	91	173596	0.310	ppbv	99
71) 2-Chlorotoluene	15.43	91	149923	0.362	ppbv	97
72) 4-Ethyltoluene	15.82	105	82873	0.174	ppbv #	51
73) 1,3,5-Trimethylbenzene	15.98	105	94505	0.213	ppbv	89
74) 1,2,4-Trimethylbenzene	16.75	105	90608	0.192	ppbv	95
75) 1,3-Dichlorobenzene	16.98	146	72317	0.255	ppbv #	43
76) 1,4-Dichlorobenzene	17.12	146	33303	0.117	ppbv #	1
77) 1,2-Dichlorobenzene	17.81	146	62184	0.223	ppbv #	32
78) Hexachloro-1,3-Butadiene	23.36	225	39509	0.170	ppbv #	17
79) Naphthalene	22.17	128	20988	0.067	ppbv #	83
80) Naphthalene,2-methyl-	25.00	142	4002	0.046	ppbv	93
81) 1,2,4-Trichlorobenzene	21.91	180	35062	0.177	ppbv #	32

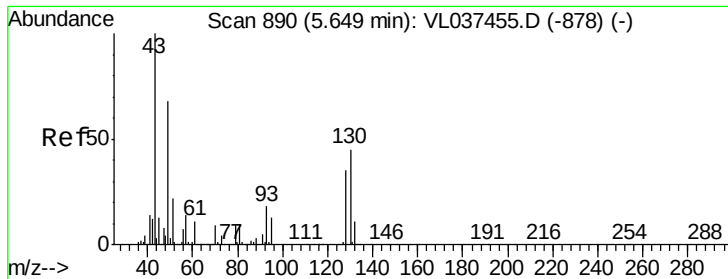
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.01 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :
MSVOA_L
ClientSampleId :

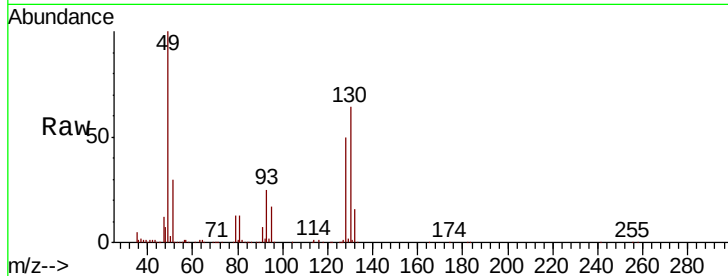
Tot Ion: 49 Resp: 1345125

Ion Ratio Lower Upper

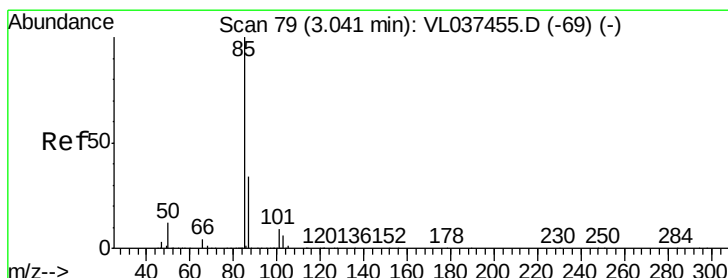
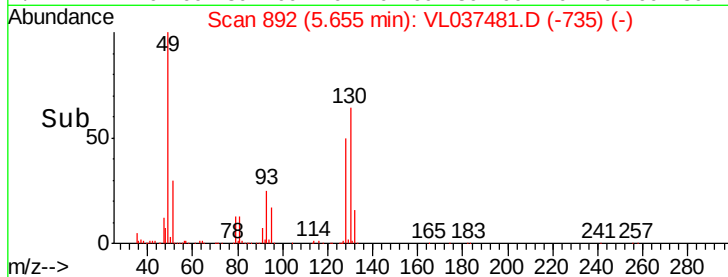
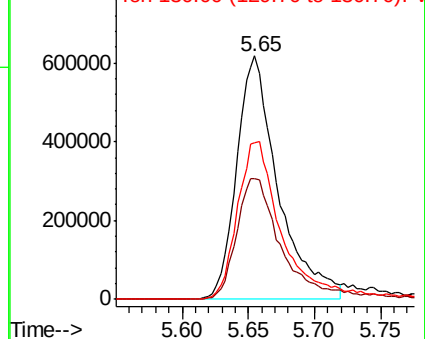
49 100

128 55.2 27.5 82.4

130 71.8 34.0 101.8



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.291 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL037481.D

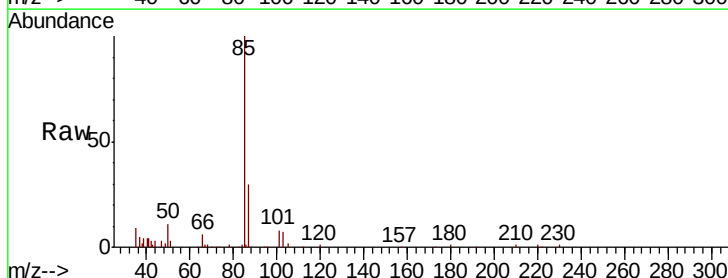
Acq: 17 Aug 2021 3:49

Tgt Ion: 85 Resp: 62754

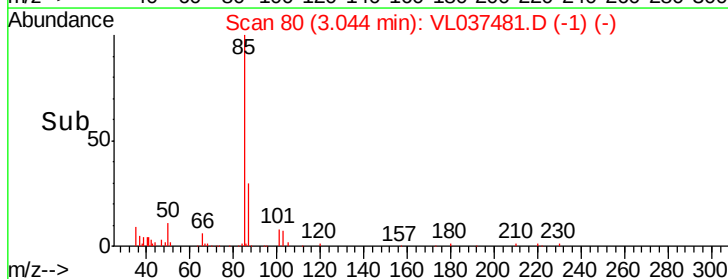
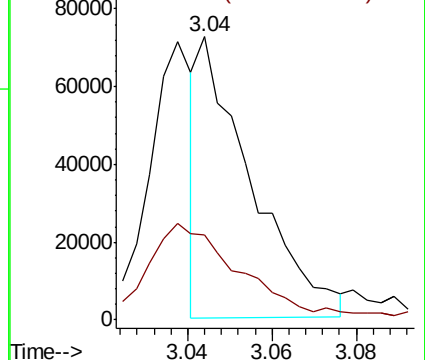
Ion Ratio Lower Upper

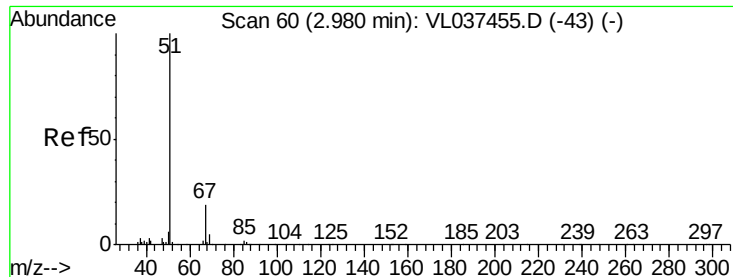
85 100

87 30.0 27.6 41.4



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.463 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

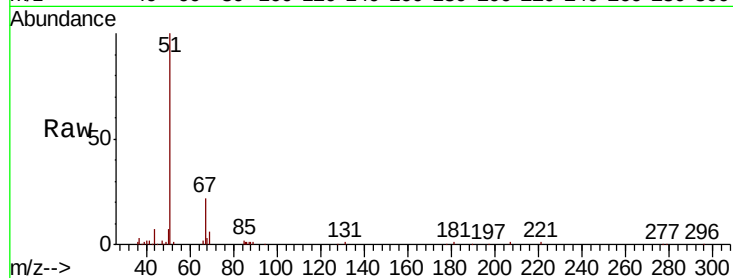
ClientSampleId :

Tot Ion: 51 Resp: 119151

Ion Ratio Lower Upper

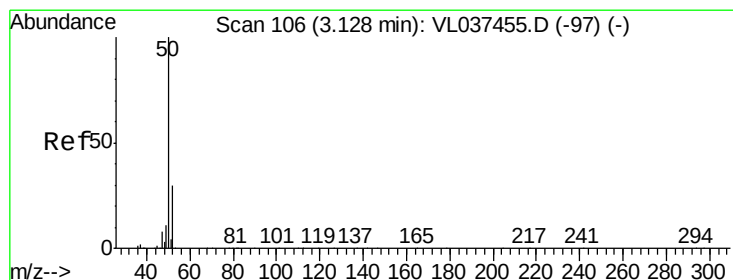
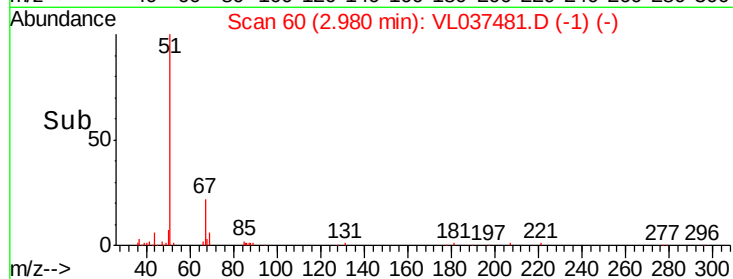
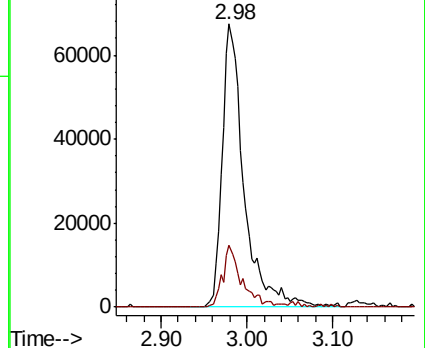
51 100

67 19.2 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: 0.455 ppbv

RT: 3.13 min Scan# 107

Delta R.T. 0.00 min

Lab File: VL037481.D

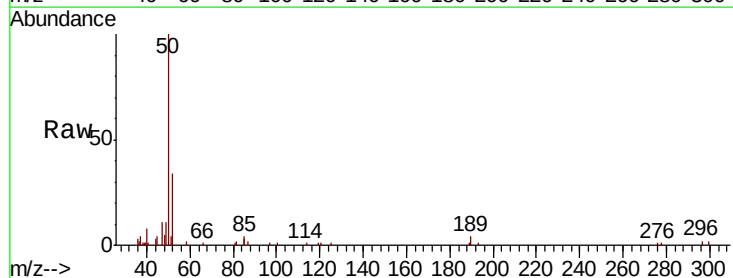
Acq: 17 Aug 2021 3:49

Tgt Ion: 50 Resp: 41915

Ion Ratio Lower Upper

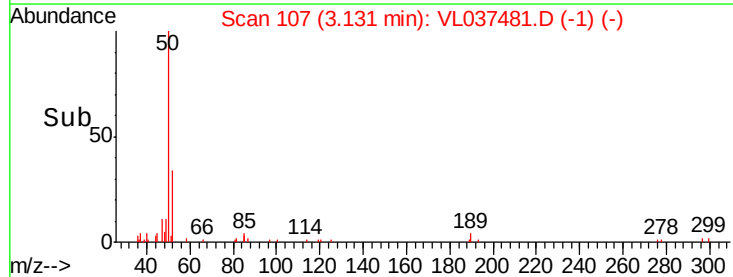
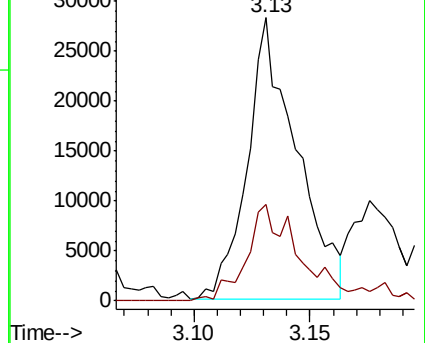
50 100

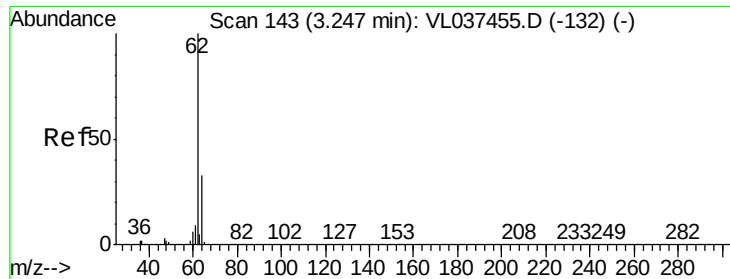
52 34.3 24.0 36.0



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.200 ppbv

RT: 3.25 min Scan# 145

Delta R.T. 0.01 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

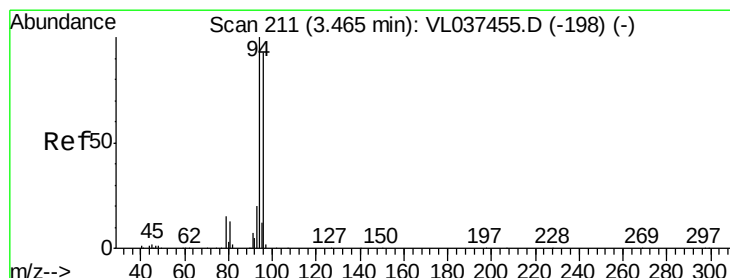
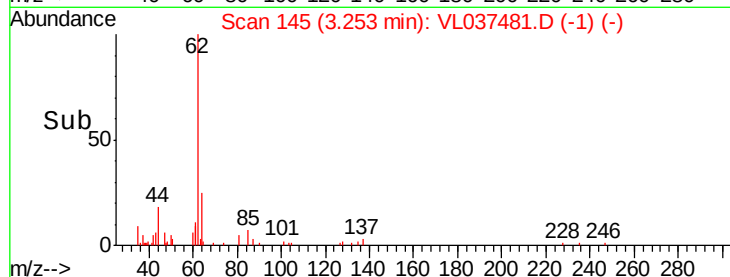
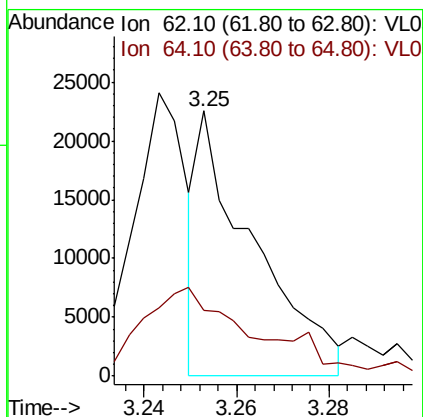
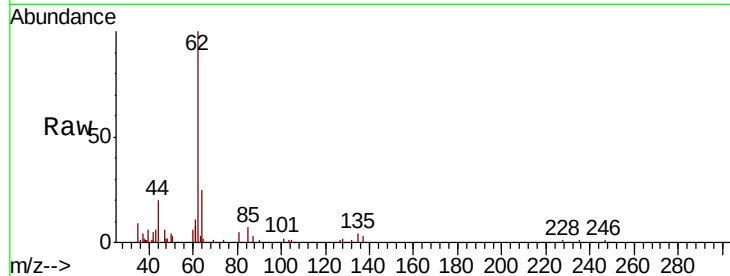
ClientSampleId :

Tot Ion: 62 Resp: 18900

Ion Ratio Lower Upper

62 100

64 24.5 26.5 39.7#



#6

Bromomethane

Concen: 0.358 ppbv

RT: 3.47 min Scan# 212

Delta R.T. 0.00 min

Lab File: VL037481.D

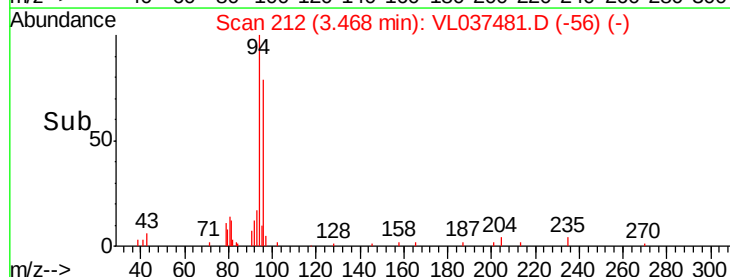
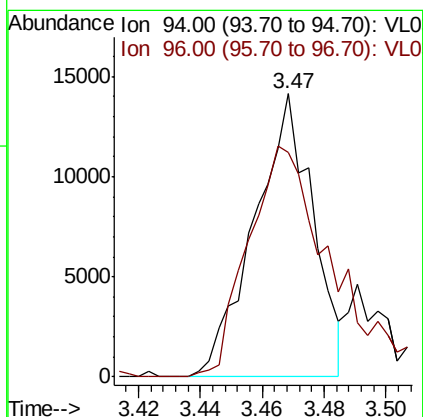
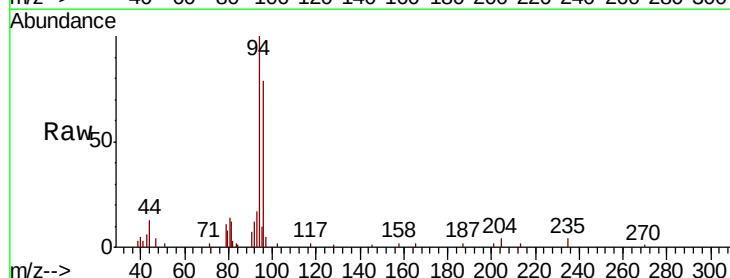
Acq: 17 Aug 2021 3:49

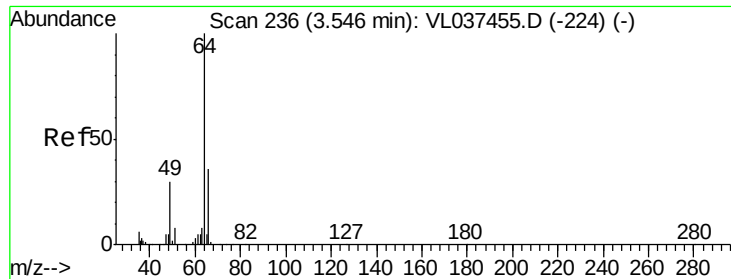
Tgt Ion: 94 Resp: 18506

Ion Ratio Lower Upper

94 100

96 79.4 74.5 111.7





#7

Chloroethane

Concen: 0.379 ppbv

RT: 3.55 min Scan# 237

Delta R.T. 0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

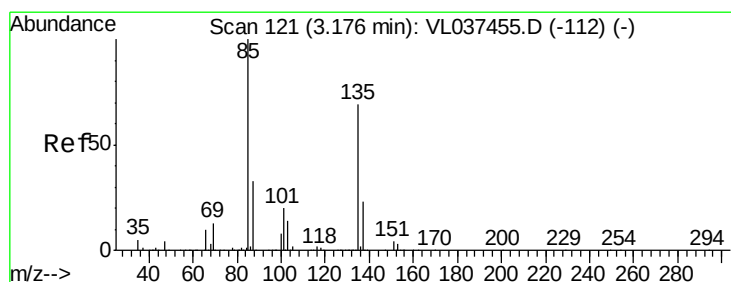
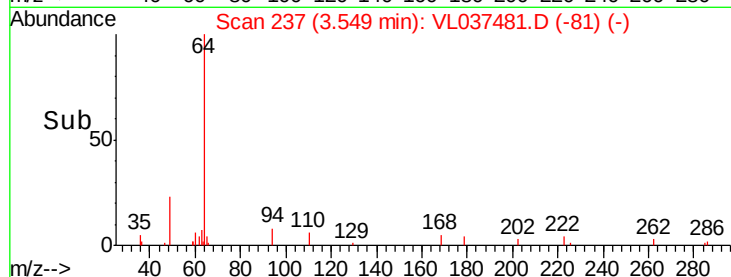
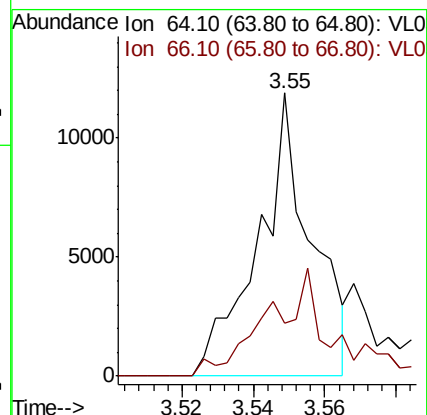
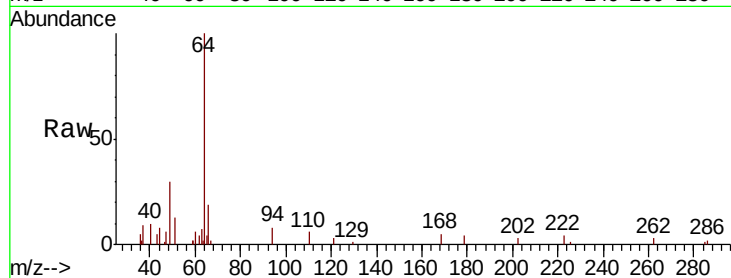
ClientSampleId :

Tot Ion: 64 Resp: 12198

Ion Ratio Lower Upper

64 100

66 18.8 28.6 43.0#



#8

Dichlorotetrafluoroethane

Concen: 0.454 ppbv

RT: 3.18 min Scan# 122

Delta R.T. 0.00 min

Lab File: VL037481.D

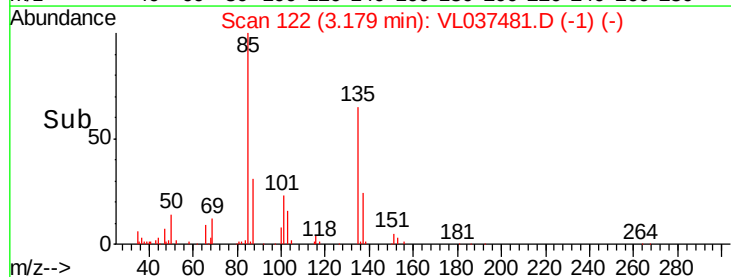
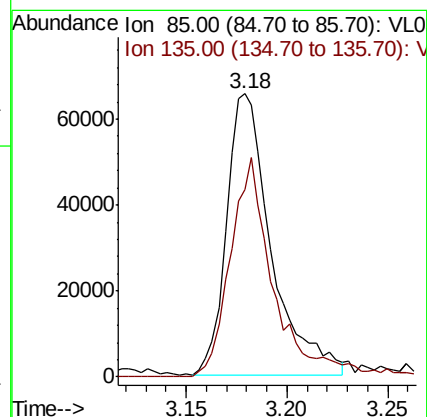
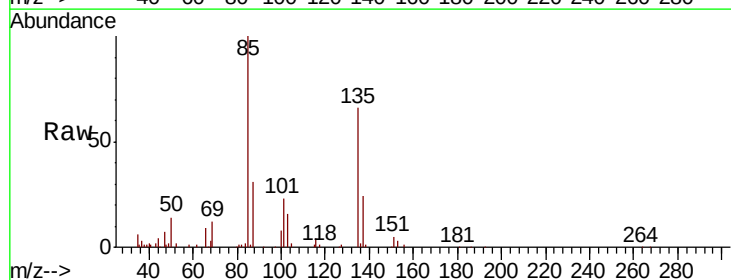
Acq: 17 Aug 2021 3:49

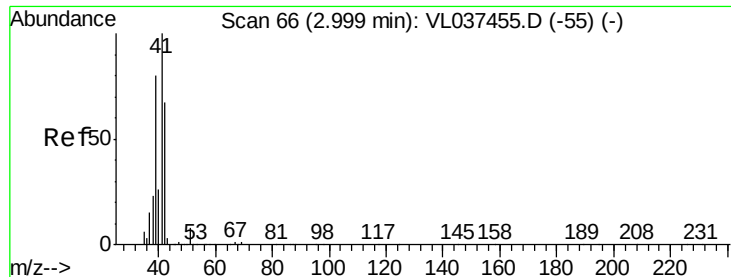
Tgt Ion: 85 Resp: 101181

Ion Ratio Lower Upper

85 100

135 77.4 58.8 88.2





#9

Propene

Concen: 0.192 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

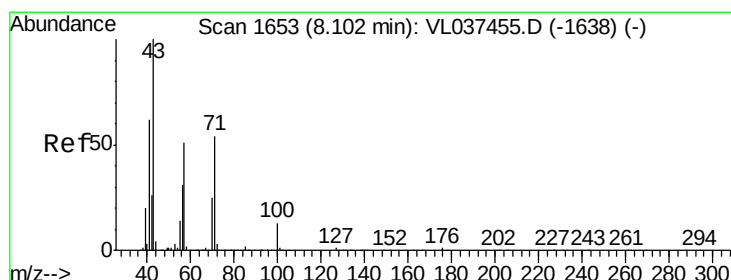
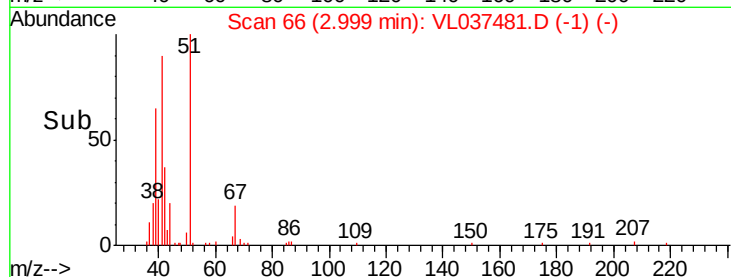
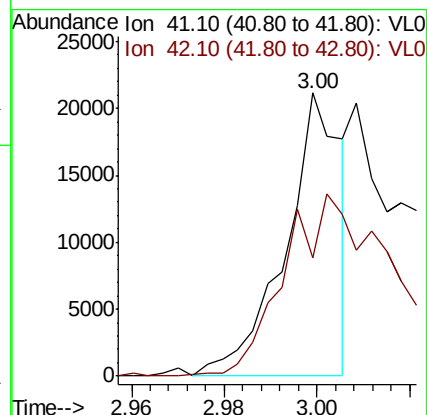
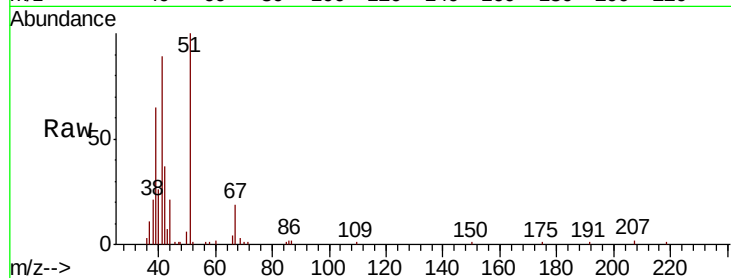
ClientSampleId :

Tot Ion: 41 Resp: 17703

Ion Ratio Lower Upper

41 100

42 153.0 53.7 80.5#



#10

Heptane

Concen: 0.344 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. 0.01 min

Lab File: VL037481.D

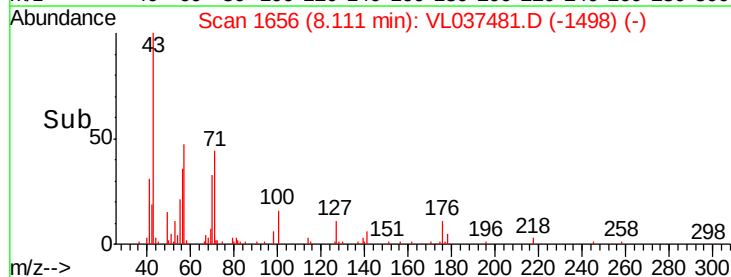
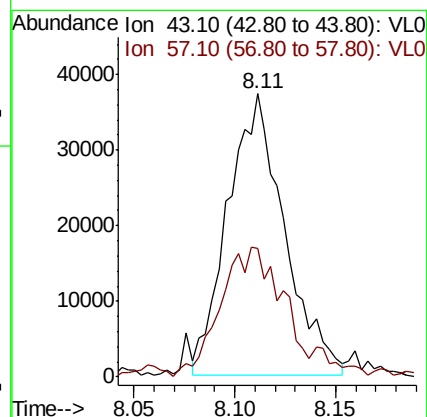
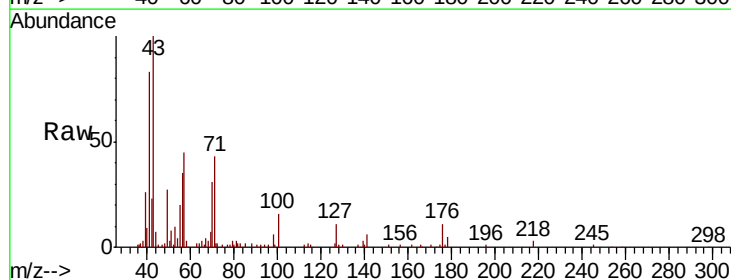
Acq: 17 Aug 2021 3:49

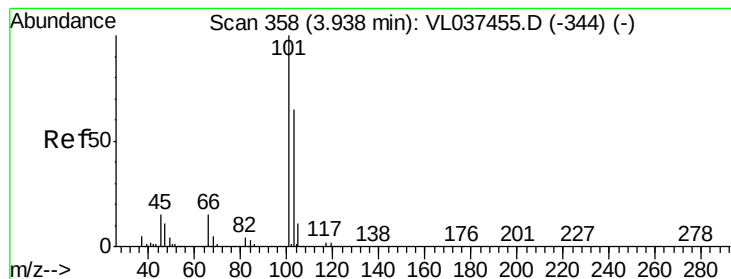
Tgt Ion: 43 Resp: 73048

Ion Ratio Lower Upper

43 100

57 57.6 41.0 61.6





#11

Trichlorofluoromethane

Concen: 0.416 ppbv

RT: 3.94 min Scan# 359

Delta R.T. 0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

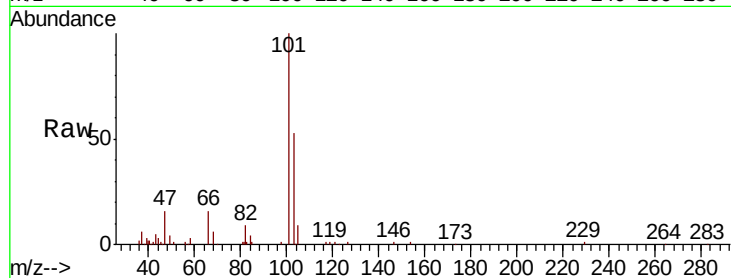
ClientSampled :

Tot Ion:101 Resp: 84246

Ion Ratio Lower Upper

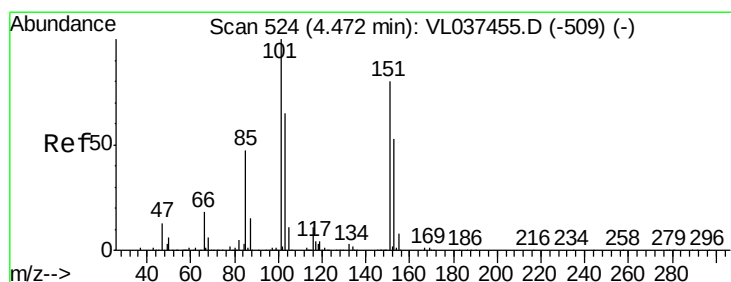
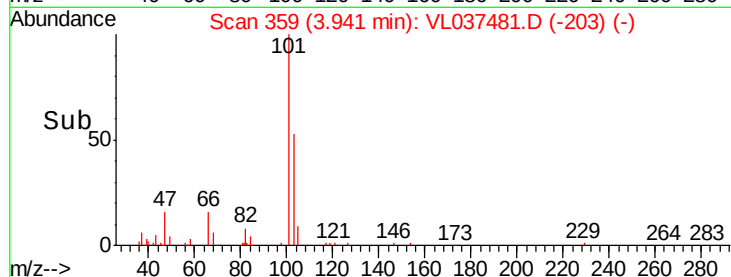
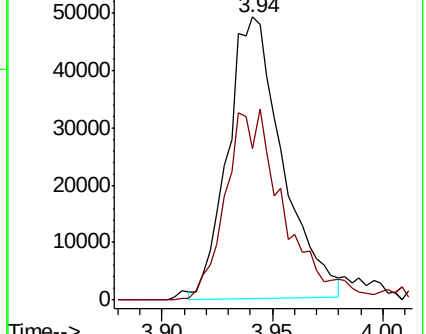
101 100

103 54.4 51.8 77.6



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: 0.433 ppbv

RT: 4.47 min Scan# 525

Delta R.T. 0.00 min

Lab File: VL037481.D

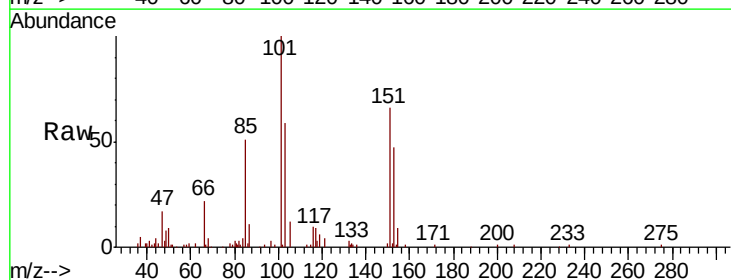
Acq: 17 Aug 2021 3:49

Tgt Ion:101 Resp: 64309

Ion Ratio Lower Upper

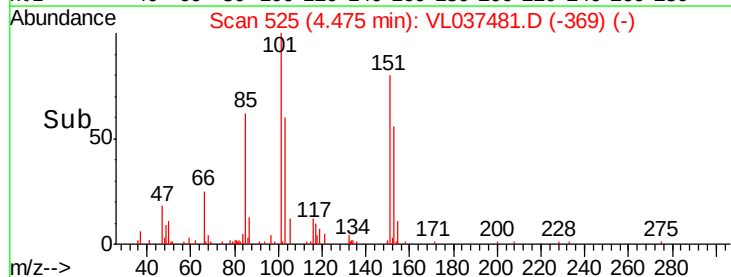
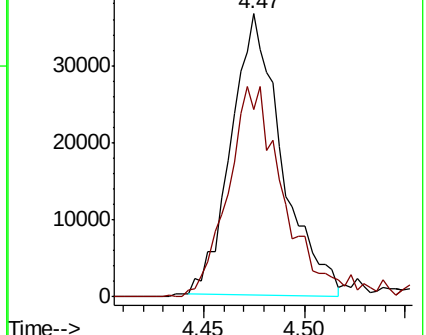
101 100

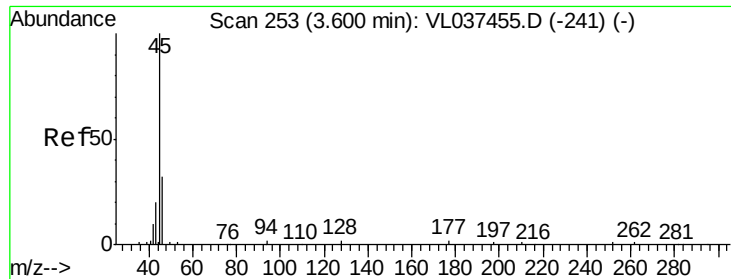
151 83.7 63.7 95.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

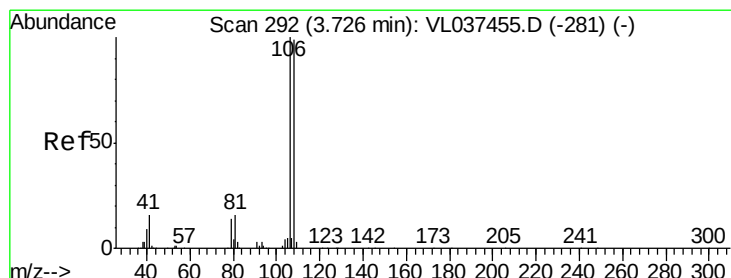
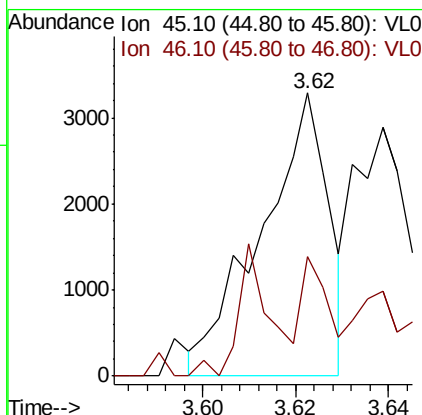
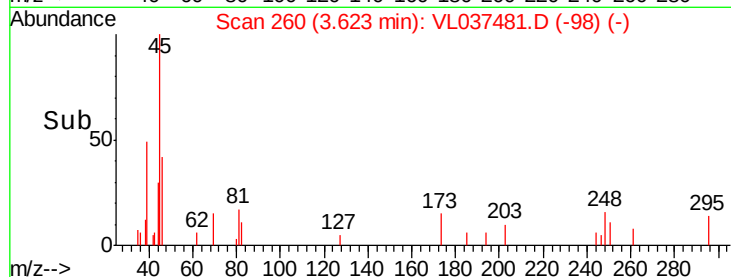
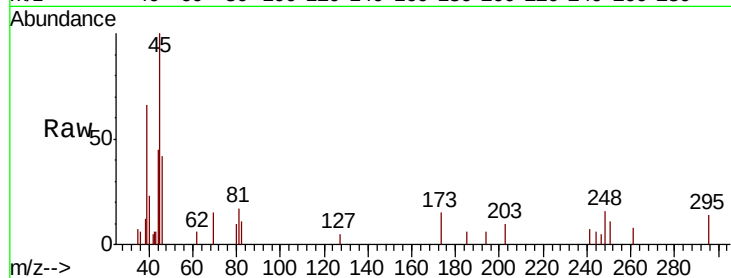




#13
 Ethanol
 Concen: 0.368 ppbv
 RT: 3.62 min Scan# 260
 Delta R.T. 0.02 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

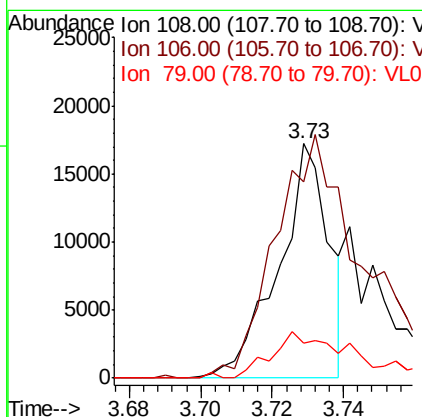
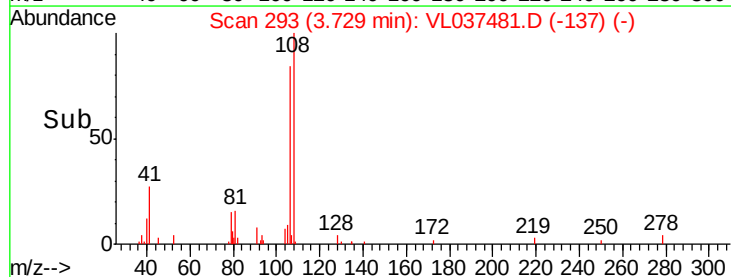
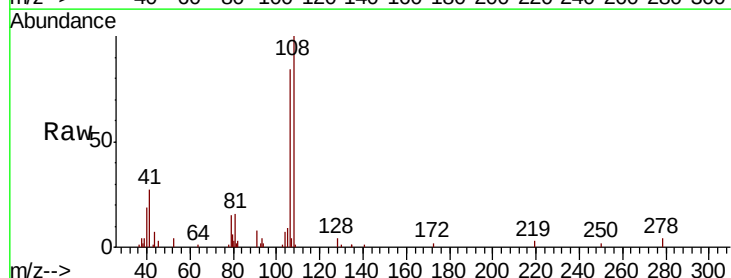
Instrument :
 MSVOA_L
 ClientSampleId :

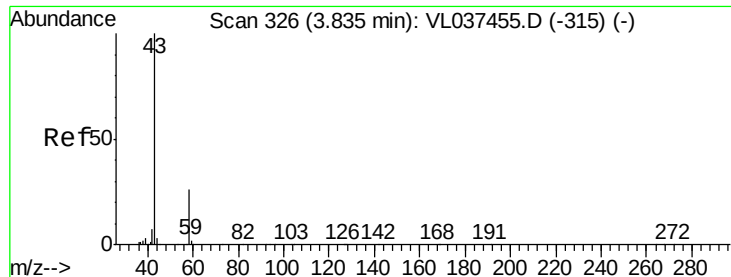
Tot Ion: 45 Resp: 3304
 Ion Ratio Lower Upper
 45 100
 46 65.8 14.1 56.5#



#14
 Bromoethene
 Concen: 0.250 ppbv
 RT: 3.73 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

Tgt Ion: 108 Resp: 16850
 Ion Ratio Lower Upper
 108 100
 106 195.5 85.8 128.8#
 79 33.7 12.6 18.8#





#15

Acetone

Concen: 0.199 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.03 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

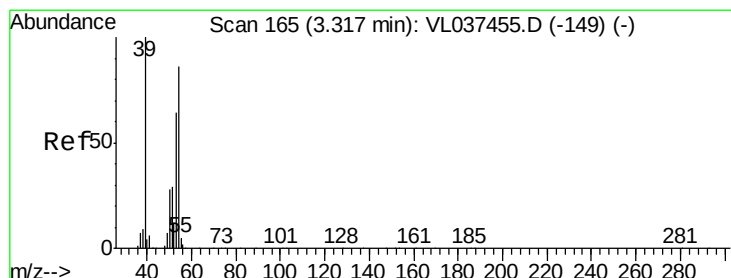
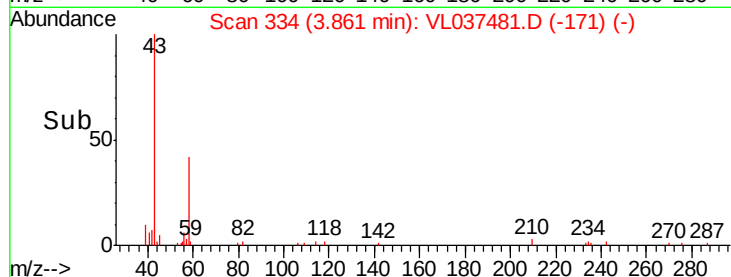
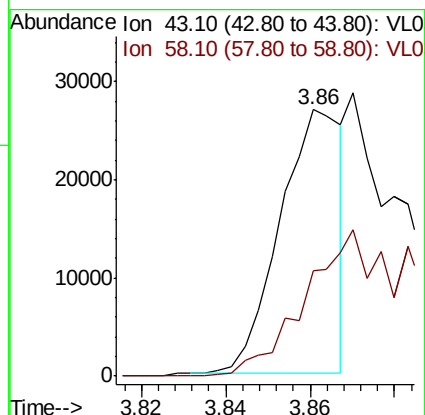
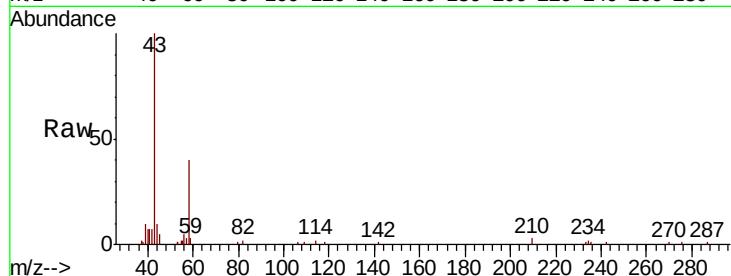
ClientSampleId :

Tot Ion: 43 Resp: 27250

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#16

1,3-Butadiene

Concen: 0.168 ppbv

RT: 3.31 min Scan# 164

Delta R.T. -0.00 min

Lab File: VL037481.D

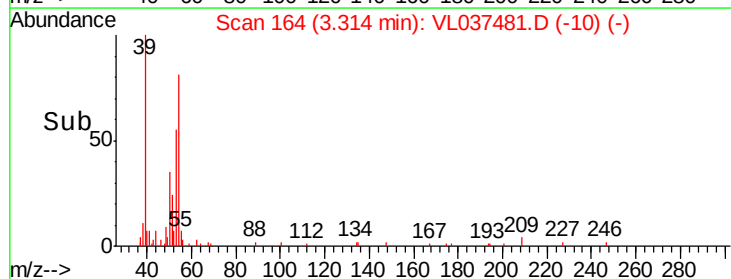
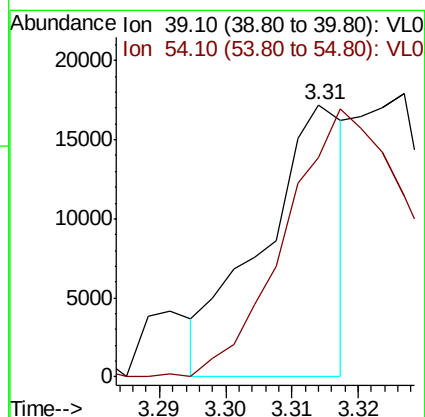
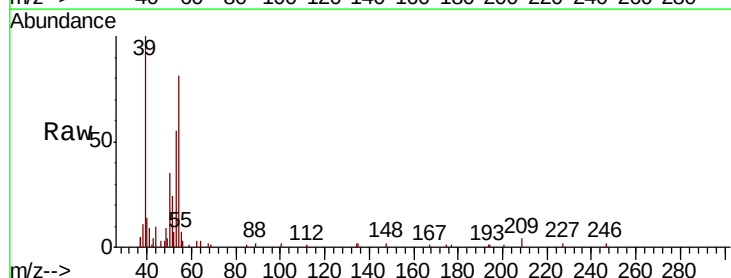
Acq: 17 Aug 2021 3:49

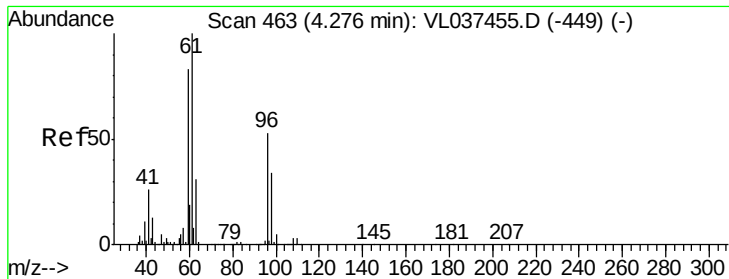
Tgt Ion: 39 Resp: 14763

Ion Ratio Lower Upper

39 100

54 204.0 63.7 95.5#

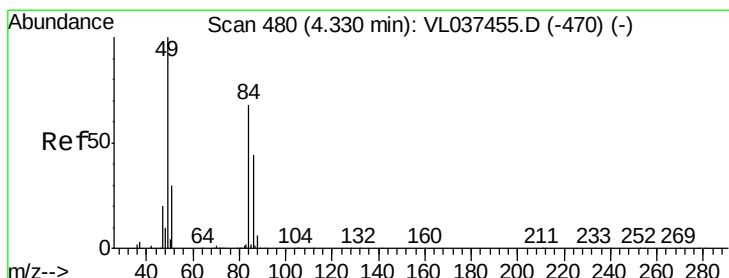
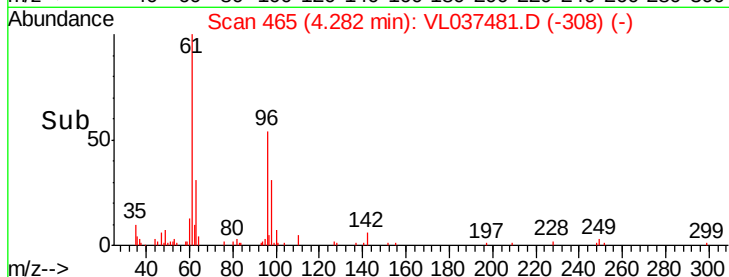
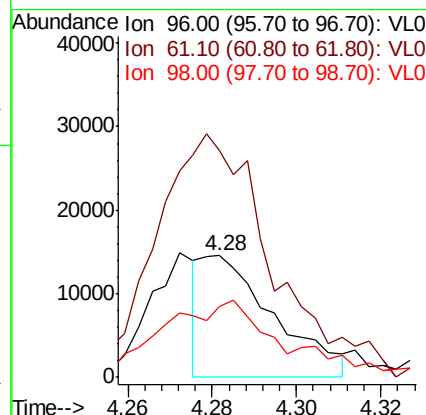
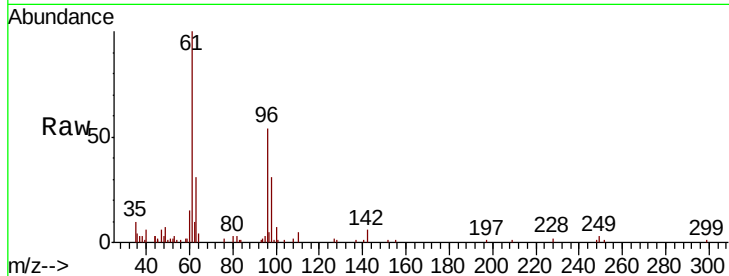




#18
 1,1-Dichloroethene
 Concen: 0.253 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

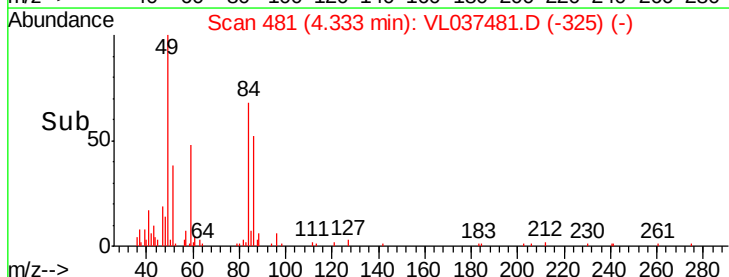
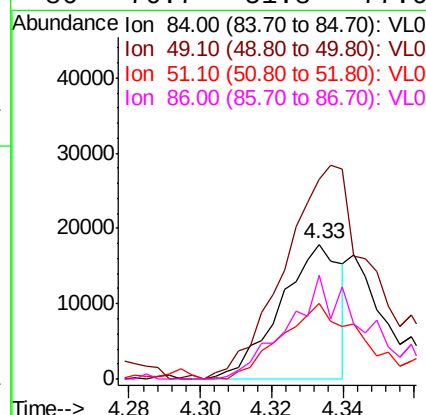
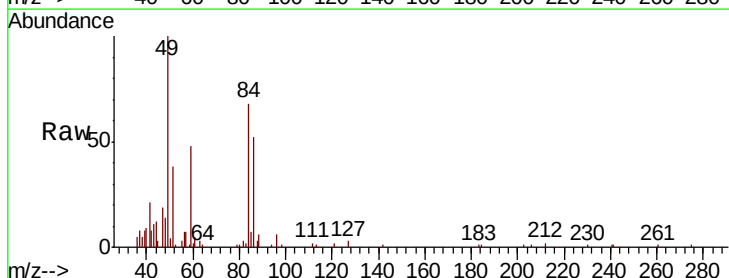
Instrument :
 MSVOA_L
 ClientSampled :

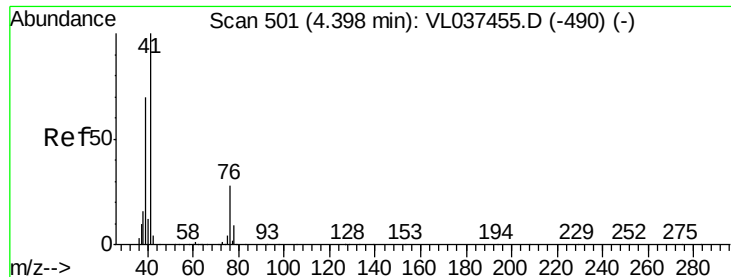
Tot Ion: 96 Resp: 17104
 Ion Ratio Lower Upper
 96 100
 61 181.6 151.1 226.7
 98 49.6 51.8 77.8#



#20
 Methylene Chloride
 Concen: 0.309 ppbv
 RT: 4.33 min Scan# 481
 Delta R.T. 0.00 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

Tgt Ion: 84 Resp: 21148
 Ion Ratio Lower Upper
 84 100
 49 145.3 118.2 177.2
 51 51.7 36.6 55.0
 86 76.7 51.8 77.6

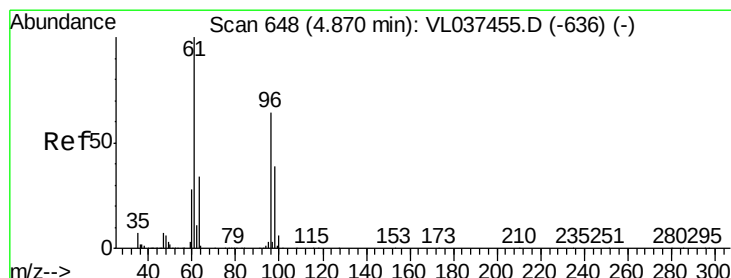
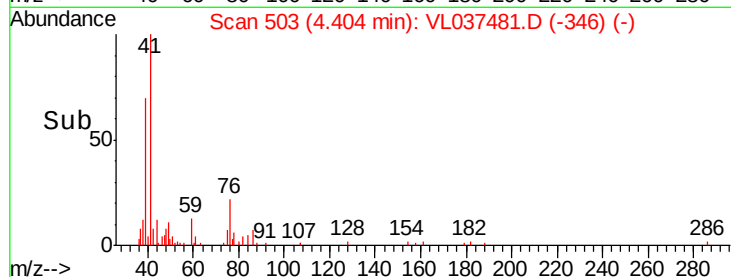
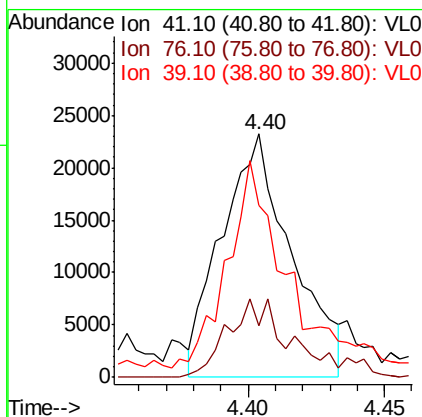
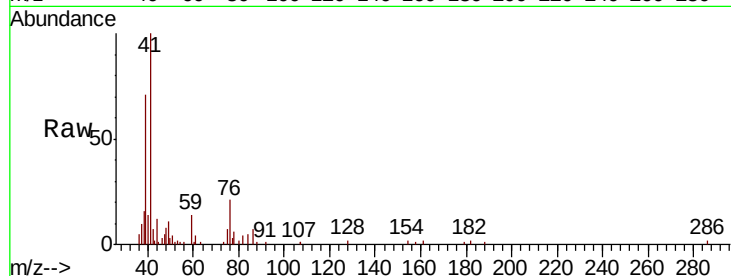




#21
 Allvl Chloride
 Concen: 0.369 ppbv
 RT: 4.40 min Scan# 503
 Delta R.T. 0.01 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

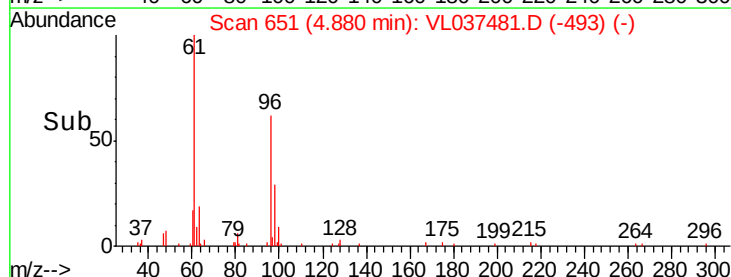
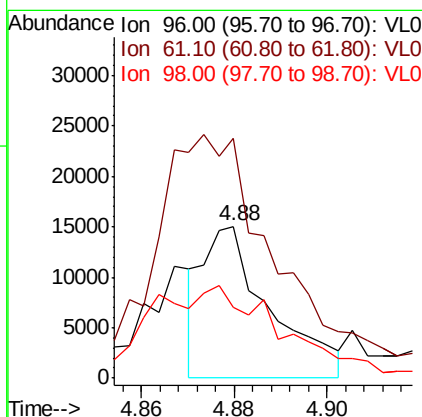
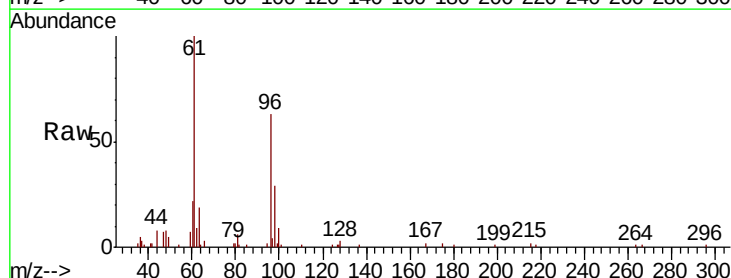
Instrument :
 MSVOA_L
 ClientSampleId :

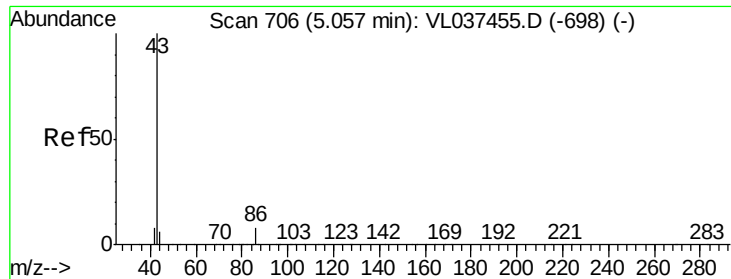
Tot Ion: 41 Resp: 41058
 Ion Ratio Lower Upper
 41 100
 76 31.6 21.8 32.6
 39 85.3 56.8 85.2#



#22
 trans-1,2-Dichloroethene
 Concen: 0.223 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. 0.01 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

Tgt Ion: 96 Resp: 15003
 Ion Ratio Lower Upper
 96 100
 61 155.0 125.5 188.3
 98 40.7 49.0 73.4#





#23

Vinyl Acetate

Concen: 0.198 ppbv

RT: 5.07 min Scan# 711

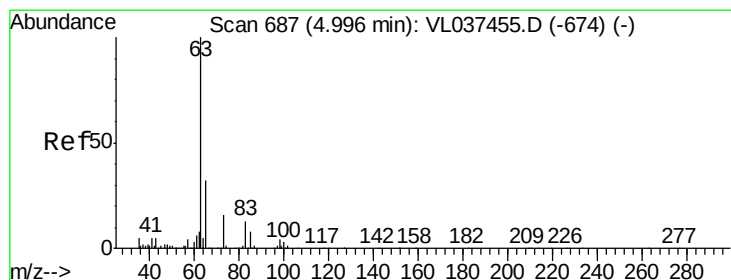
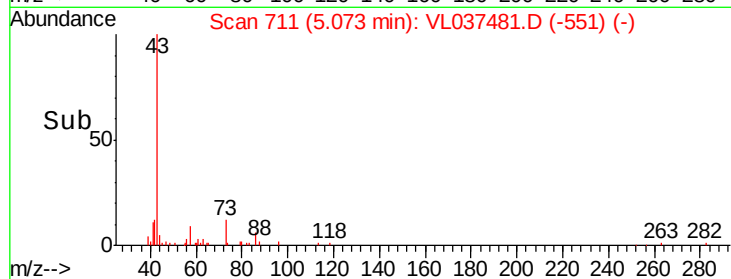
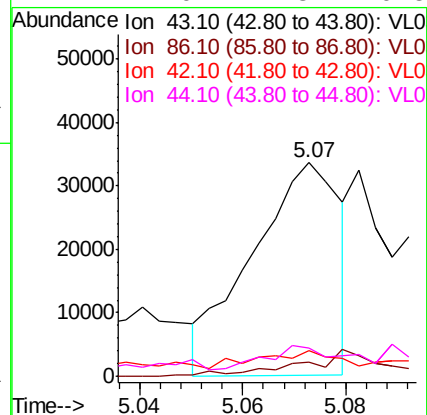
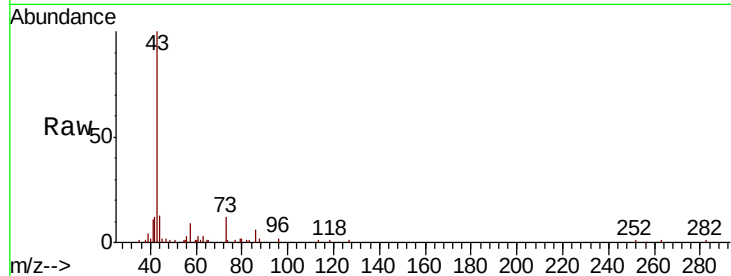
Delta R.T. 0.02 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	43	Resp:	39860
Ion	Ratio	Lower	Upper
43	100		
86	7.6	5.7	8.5
42	8.5	7.4	11.2
44	7.0	4.3	6.5#



#24

1,1-Dichloroethane

Concen: 0.374 ppbv

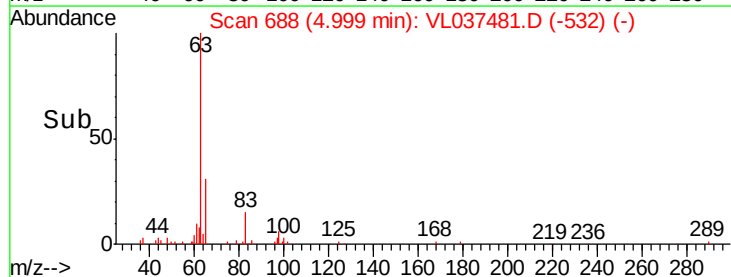
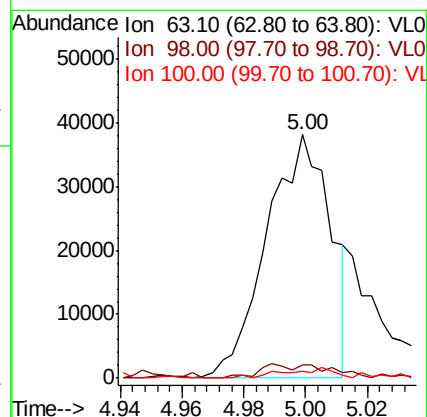
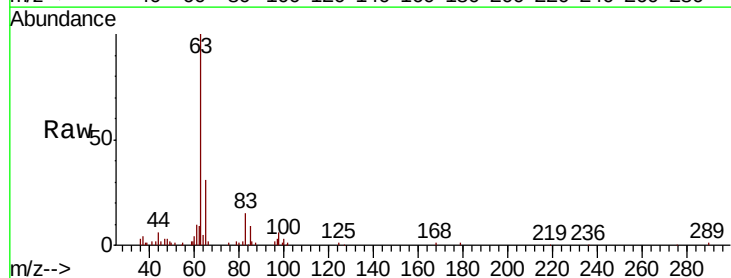
RT: 5.00 min Scan# 688

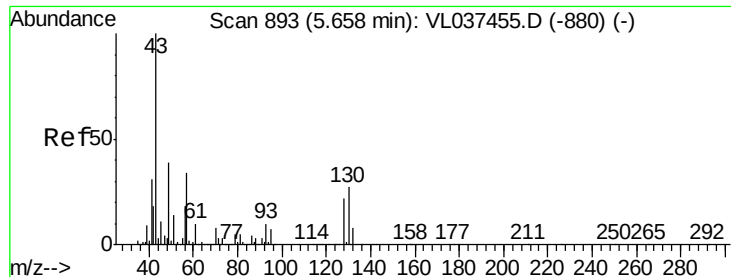
Delta R.T. 0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Tgt Ion:	63	Resp:	54725
Ion	Ratio	Lower	Upper
63	100		
98	3.5	2.1	6.3
100	2.6	1.6	4.7

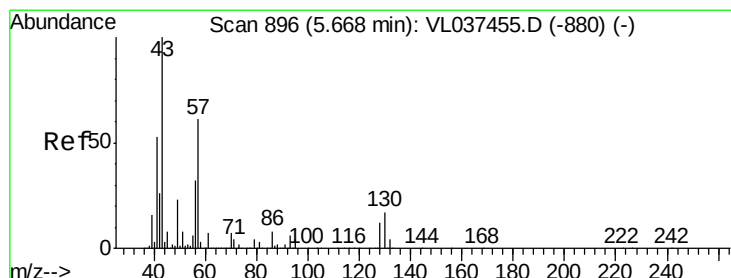
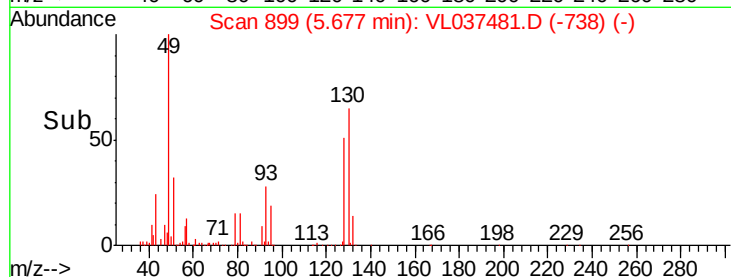
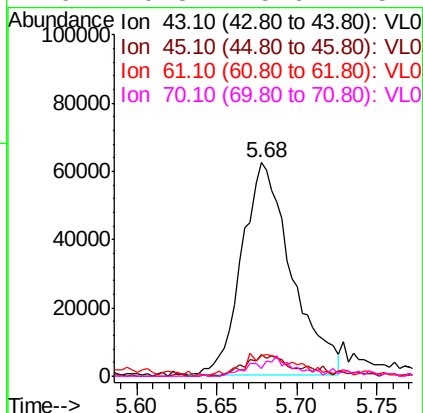
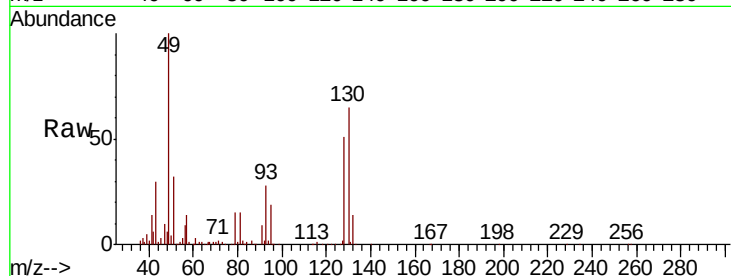




#25
Ethyl Acetate
Concen: 0.381 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.02 min
Lab File: VL037481.D
Acq: 17 Aug 2021 3:49

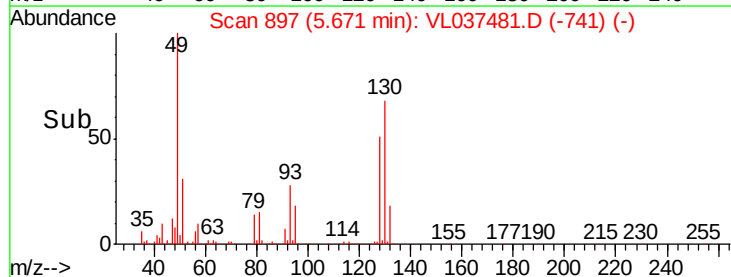
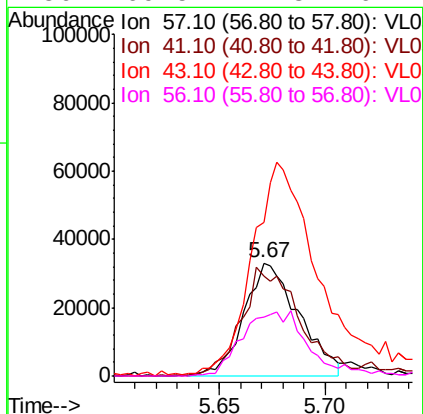
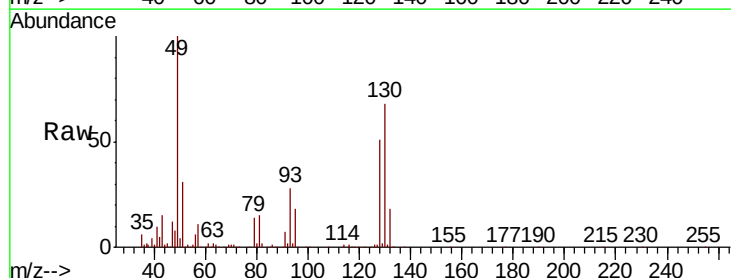
Instrument :
MSVOA_L
ClientSampleID :

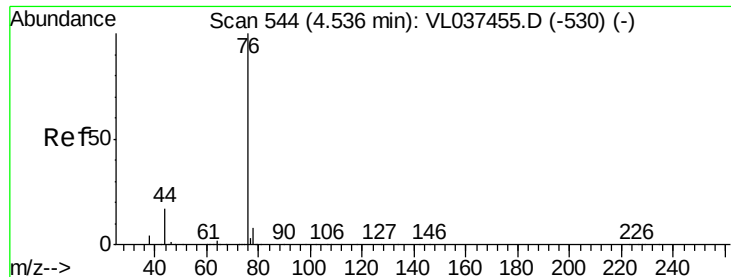
Tot Ion:	43	Resp:	132459
Ion	Ratio	Lower	Upper
43	100		
45	11.2	8.0	12.0
61	13.2	8.0	12.0#
70	9.3	5.6	8.4#



#26
Hexane
Concen: 0.354 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL037481.D
Acq: 17 Aug 2021 3:49

Tgt Ion:	57	Resp:	60099
Ion	Ratio	Lower	Upper
57	100		
41	112.2	72.3	108.5#
43	244.2	172.3	258.5
56	69.5	42.8	64.2#





#27

Carbon Disulfide

Concen: 0.300 ppbv

RT: 4.54 min Scan# 545

Delta R.T. 0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

ClientSampleId :

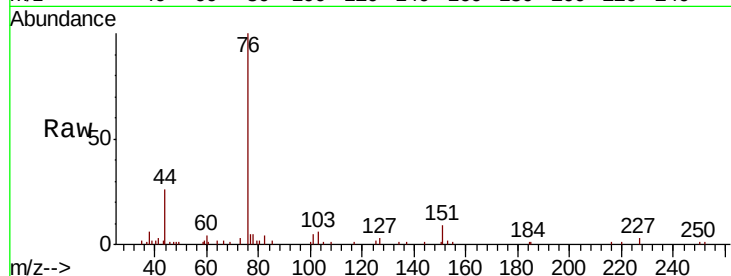
Tot Ion: 76 Resp: 45416

Ion Ratio Lower Upper

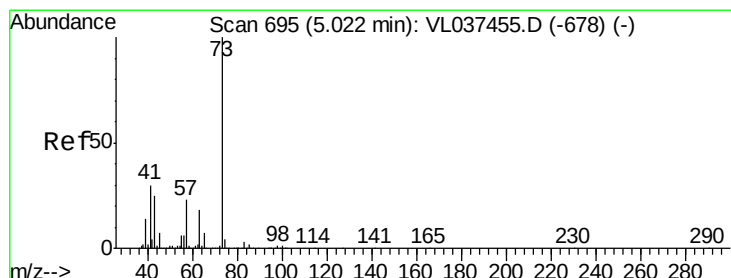
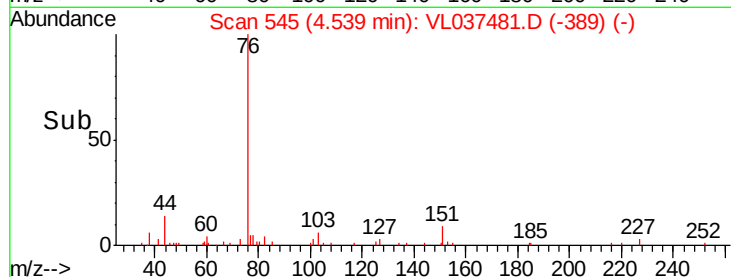
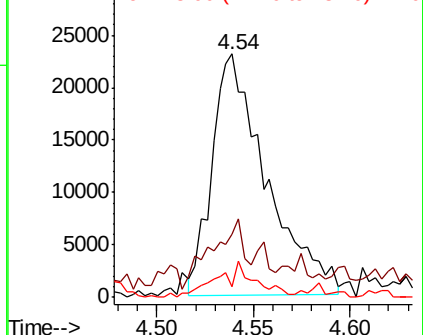
76 100

44 29.8 13.9 20.9#

78 12.5 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



#28

Methyl tert-Butyl Ether

Concen: 0.226 ppbv

RT: 5.04 min Scan# 700

Delta R.T. 0.02 min

Lab File: VL037481.D

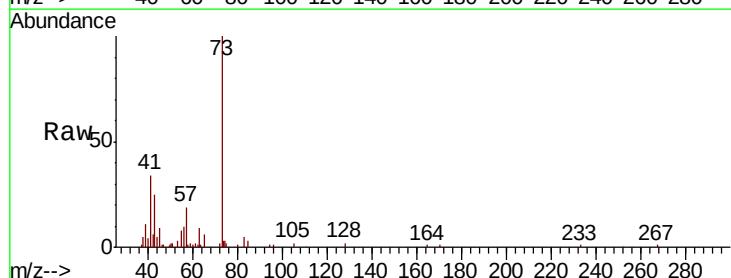
Acq: 17 Aug 2021 3:49

Tgt Ion: 73 Resp: 36829

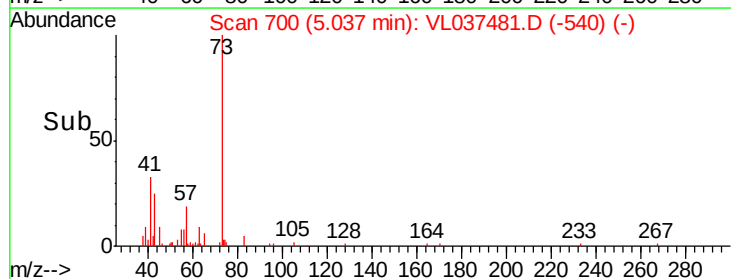
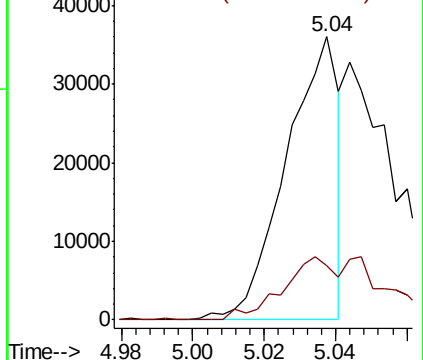
Ion Ratio Lower Upper

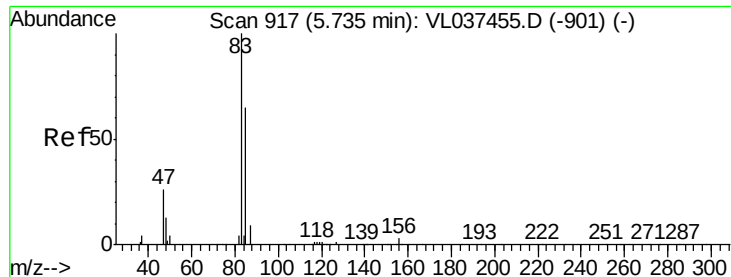
73 100

57 0.0 19.4 29.2#



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0

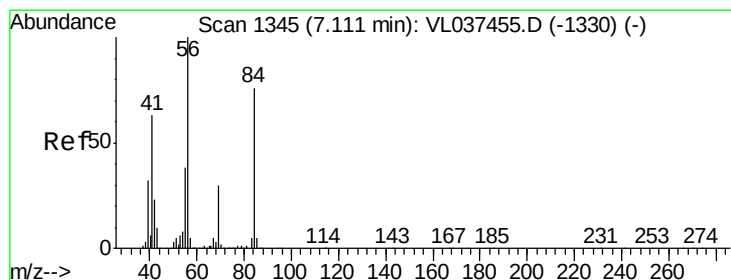
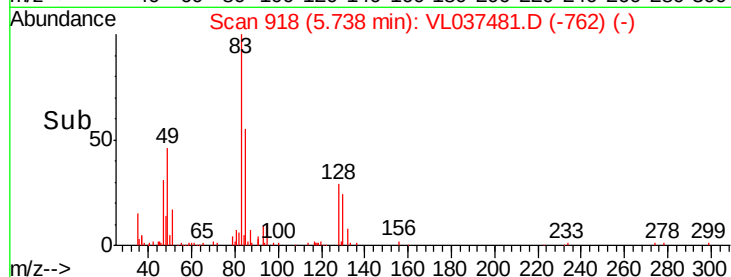
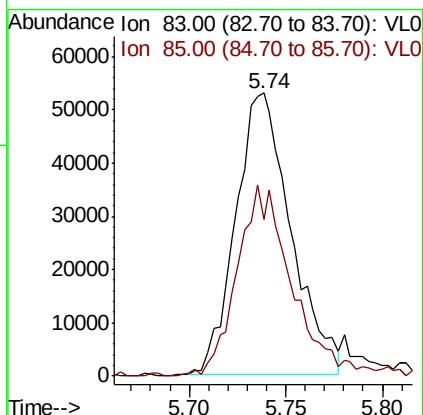
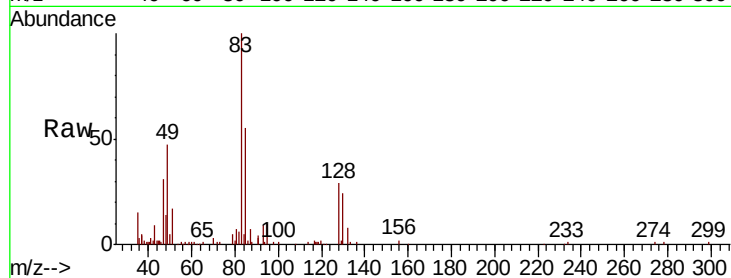




#29
Chloroform
Concen: 0.436 ppbv
RT: 5.74 min Scan# 918
Delta R.T. 0.00 min
Lab File: VL037481.D
Acq: 17 Aug 2021 3:49

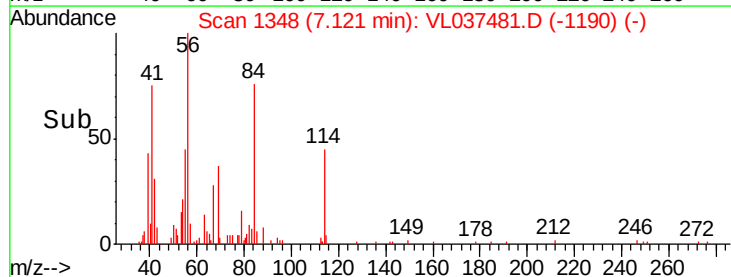
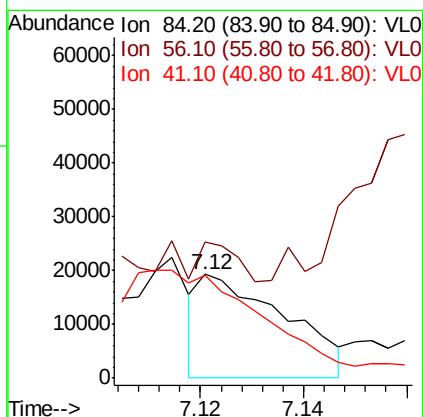
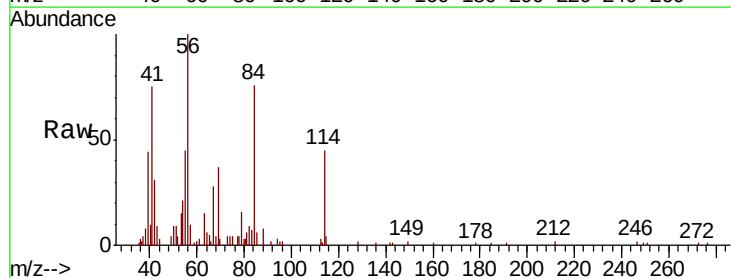
Instrument :
MSVOA_L
ClientSampled :

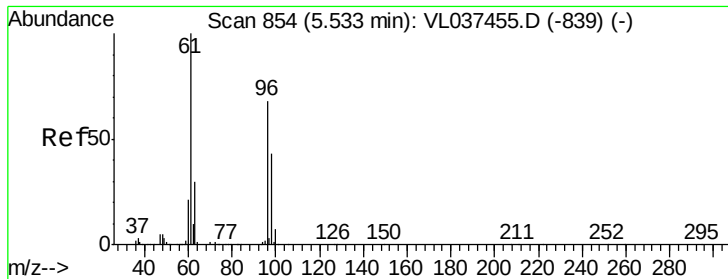
Tot Ion: 83 Resp: 105063
Ion Ratio Lower Upper
83 100
85 54.1 52.3 78.5



#30
Cyclohexane
Concen: 0.156 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. 0.01 min
Lab File: VL037481.D
Acq: 17 Aug 2021 3:49

Tgt Ion: 84 Resp: 22134
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: 0.222 ppbv

RT: 5.54 min Scan# 856

Delta R.T. 0.01 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

ClientSampleId :

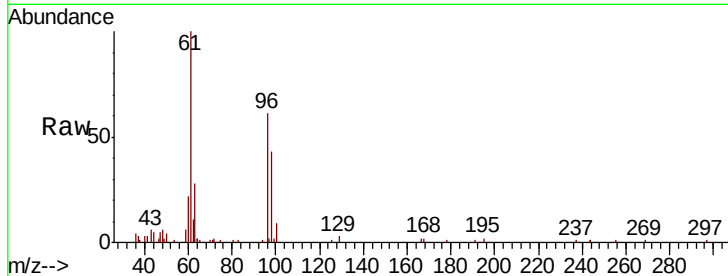
Tot Ion: 61 Resp: 34129

Ion Ratio Lower Upper

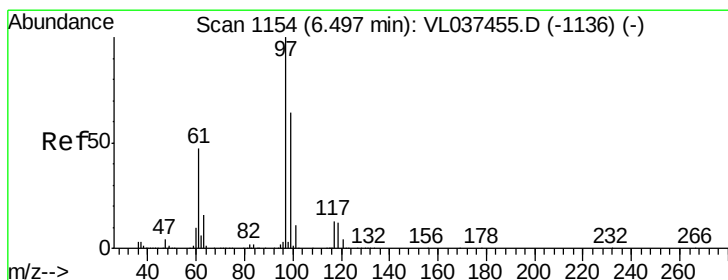
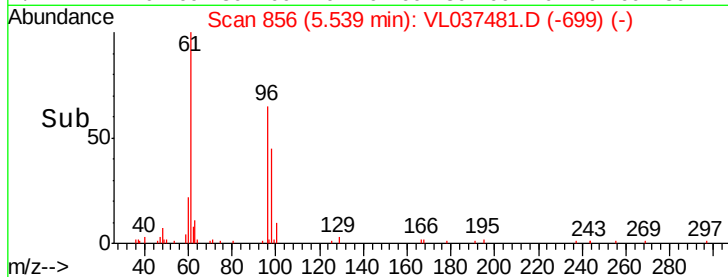
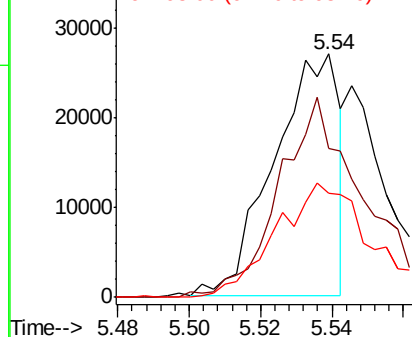
61 100

96 59.3 54.8 82.2

98 43.2 34.2 51.2



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



#32

1,1,1-Trichloroethane

Concen: 0.393 ppbv

RT: 6.49 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

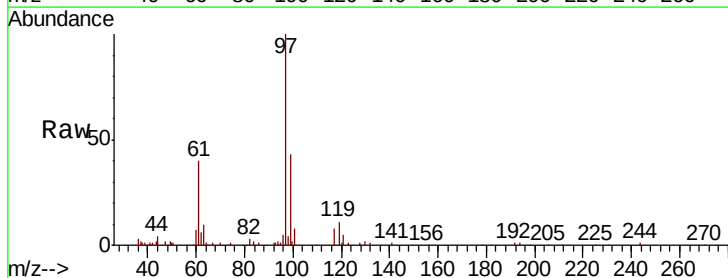
Tgt Ion: 97 Resp: 93049

Ion Ratio Lower Upper

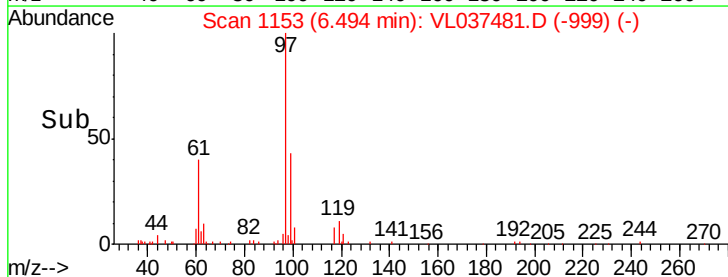
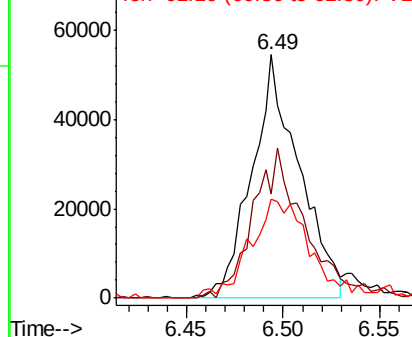
97 100

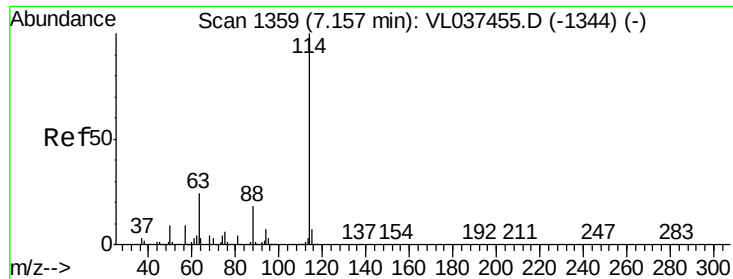
99 69.1 51.8 77.6

61 50.8 39.6 59.4



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0

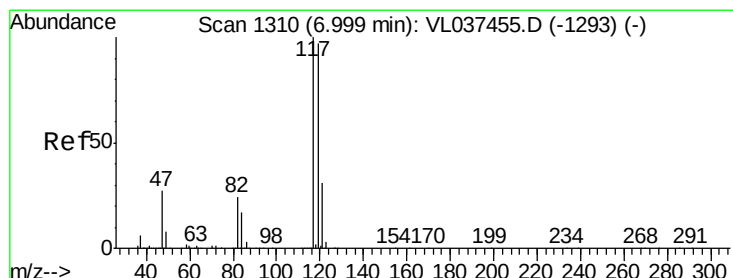
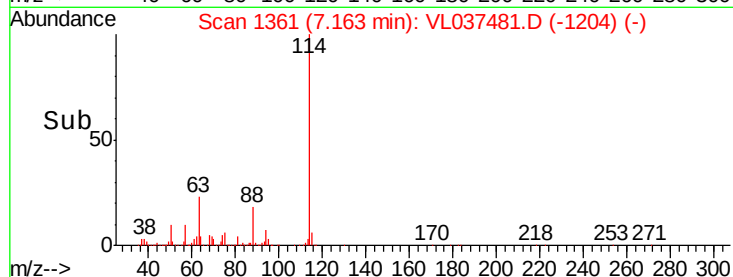
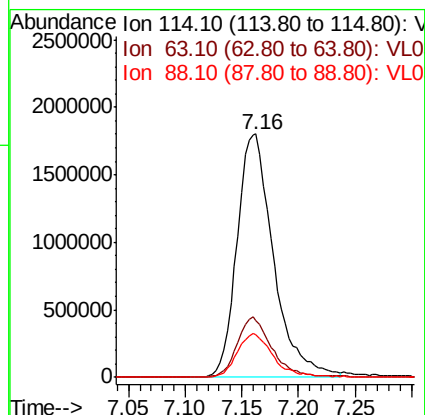
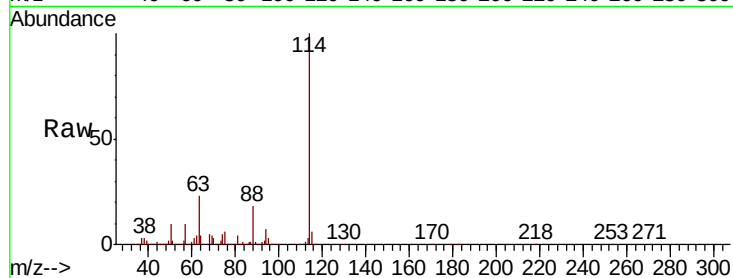




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

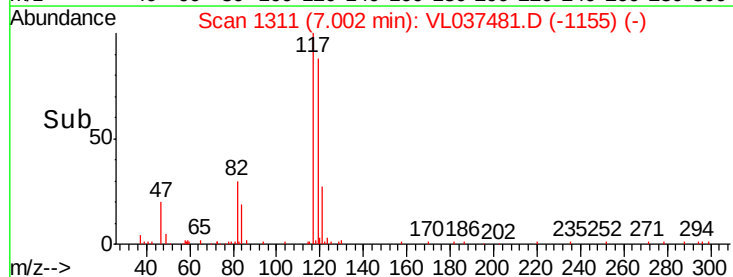
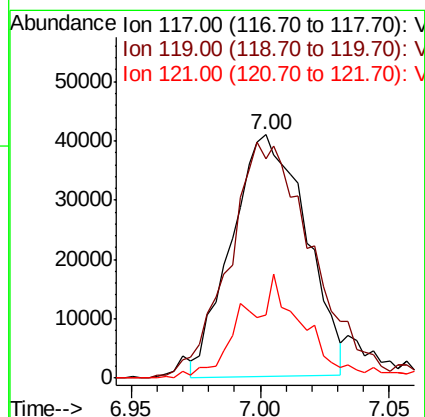
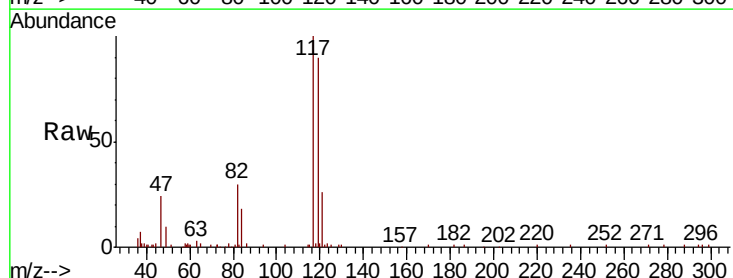
Instrument :
 MSVOA_L
 ClientSampleId :

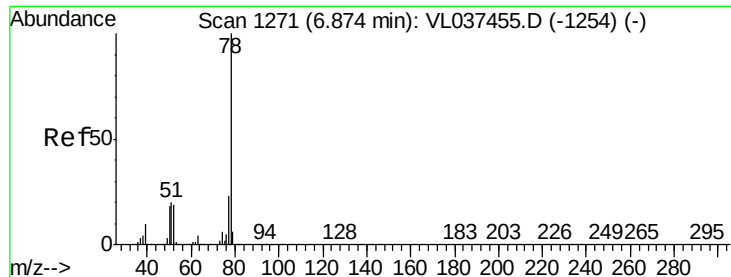
Tot Ion:114 Resp: 4050839
 Ion Ratio Lower Upper
 114 100
 63 24.3 19.3 28.9
 88 17.8 14.2 21.4



#35
 Carbon Tetrachloride
 Concen: 0.342 ppbv
 RT: 7.00 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

Tgt Ion:117 Resp: 81873
 Ion Ratio Lower Upper
 117 100
 119 87.5 77.3 115.9
 121 26.5 25.2 37.8

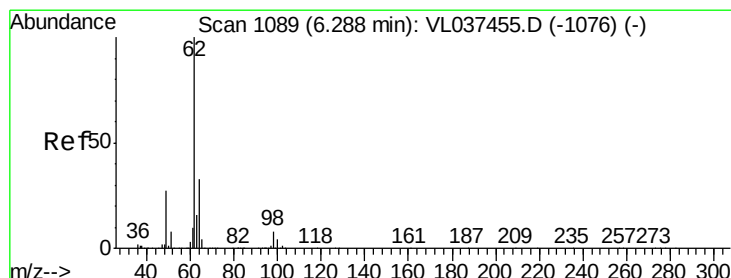
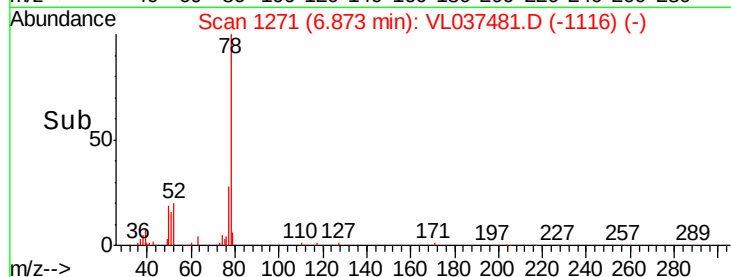
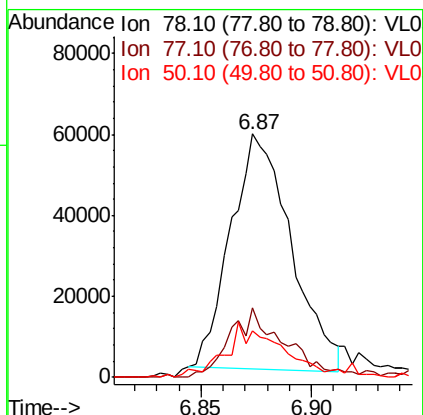
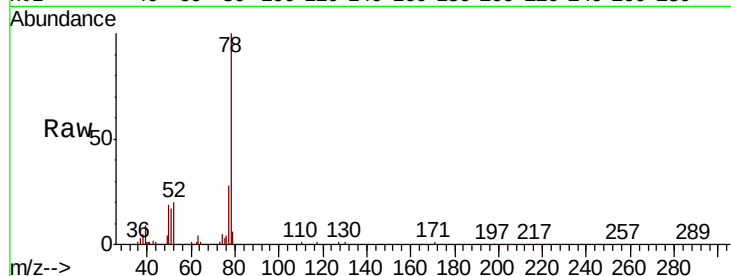




#36
Benzene
Concen: 0.324 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VL037481.D
Acq: 17 Aug 2021 3:49

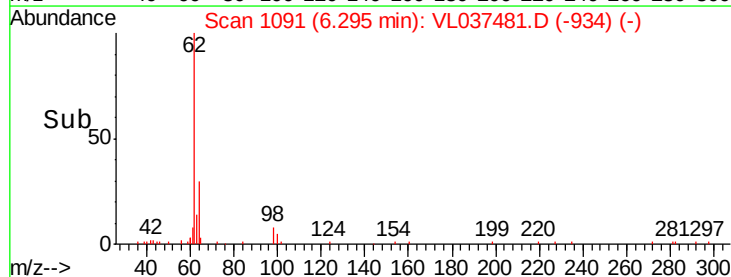
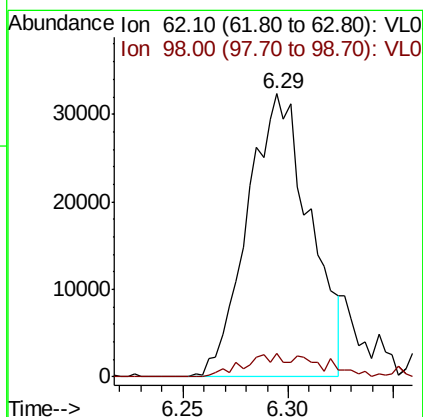
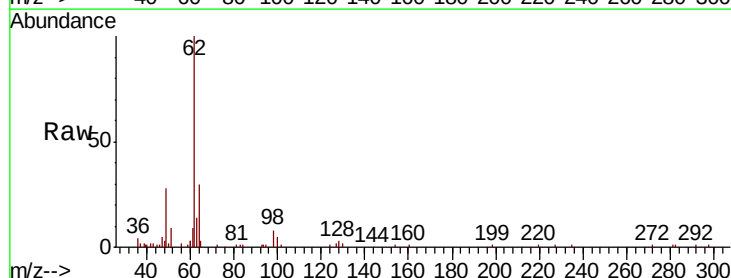
Instrument :
MSVOA_L
ClientSampleId :

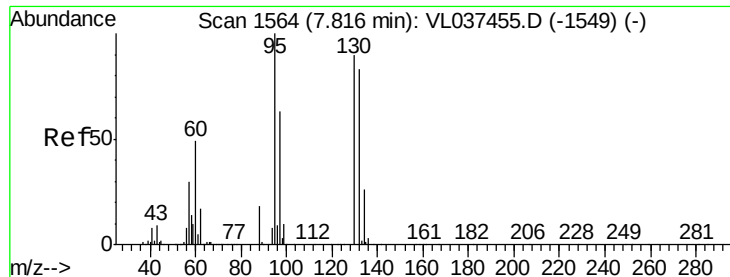
Tot Ion: 78 Resp: 110453
Ion Ratio Lower Upper
78 100
77 29.6 18.2 27.4#
50 16.4 14.6 21.8



#37
1,2-Dichloroethane
Concen: 0.393 ppbv
RT: 6.29 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VL037481.D
Acq: 17 Aug 2021 3:49

Tgt Ion: 62 Resp: 66354
Ion Ratio Lower Upper
62 100
98 9.3 6.0 9.0#





#38

Trichloroethene

Concen: 0.354 ppbv

RT: 7.82 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:130 Resp: 49520

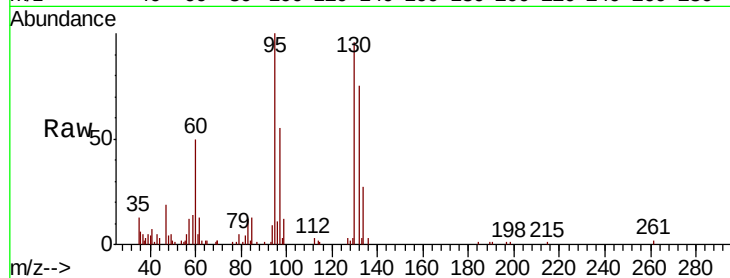
Ion Ratio Lower Upper

130 100

95 101.8 89.2 133.8

132 78.2 74.0 111.0

97 53.4 56.6 84.8#

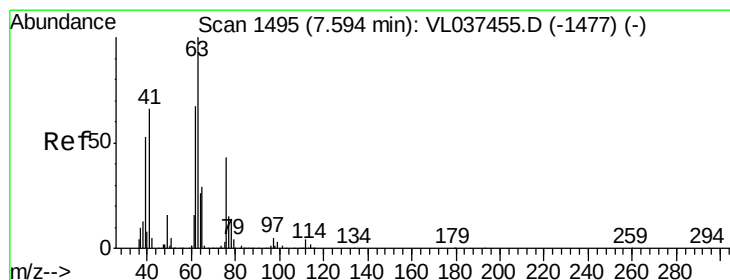
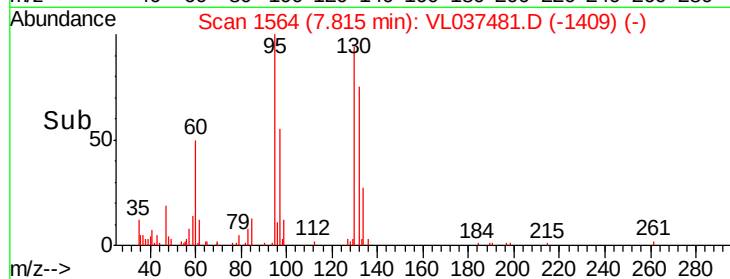
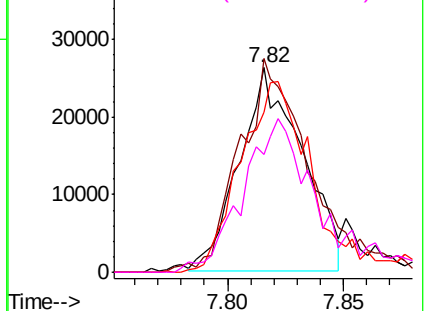


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 0.100 ppbv

RT: 7.61 min Scan# 1500

Delta R.T. 0.02 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

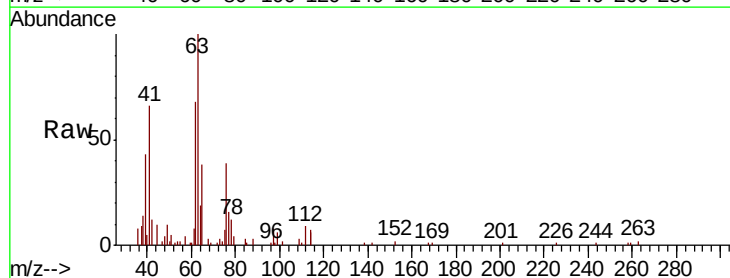
Tgt Ion: 63 Resp: 13120

Ion Ratio Lower Upper

63 100

41 62.3 52.4 78.6

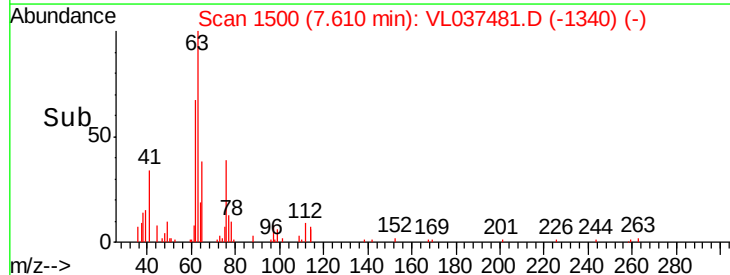
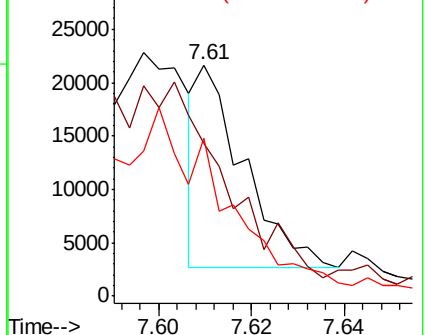
62 71.3 53.6 80.4

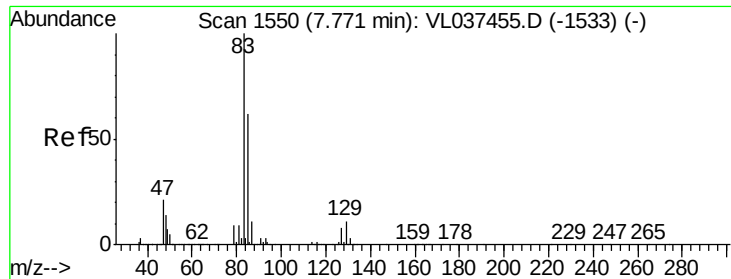


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#42

Bromodichloromethane

Concen: 0.211 ppbv

RT: 7.78 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

ClientSampleId :

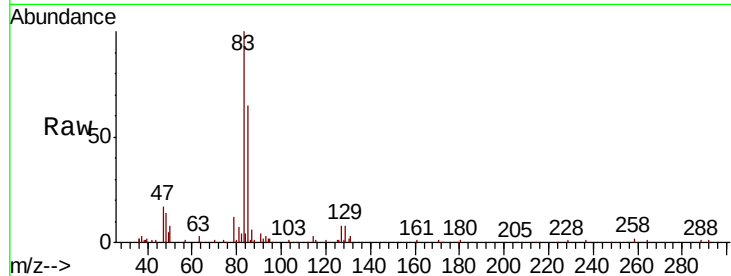
Tot Ion: 83 Resp: 51980

Ion Ratio Lower Upper

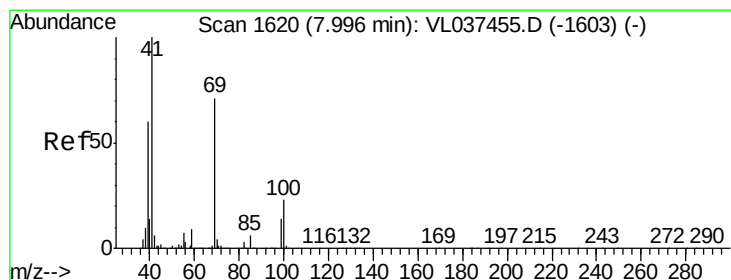
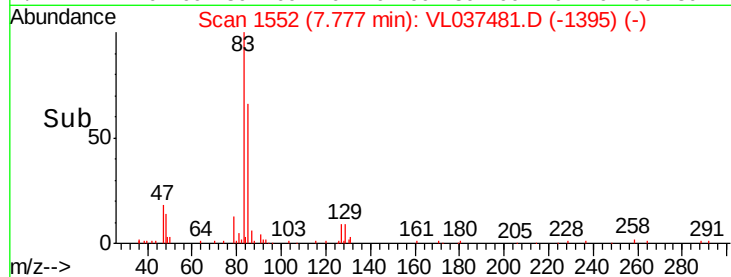
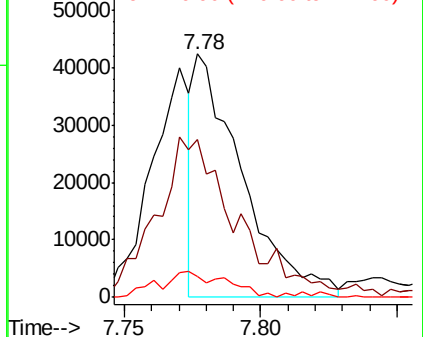
83 100

85 64.0 49.5 74.3

127 8.8 6.3 9.5



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): VL0



#43

Methyl Methacrylate

Concen: 0.073 ppbv

RT: 8.00 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

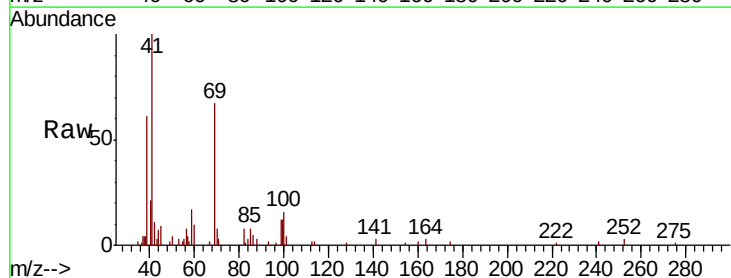
Tgt Ion: 69 Resp: 8714

Ion Ratio Lower Upper

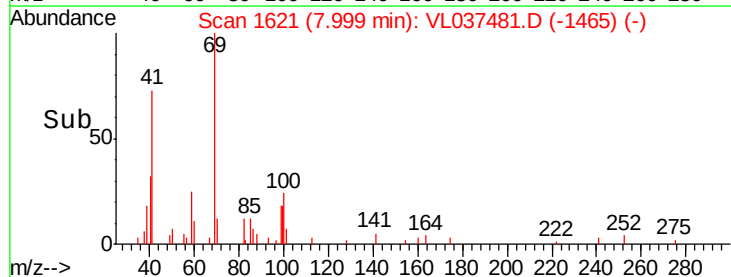
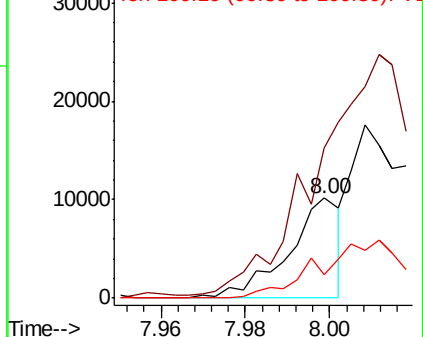
69 100

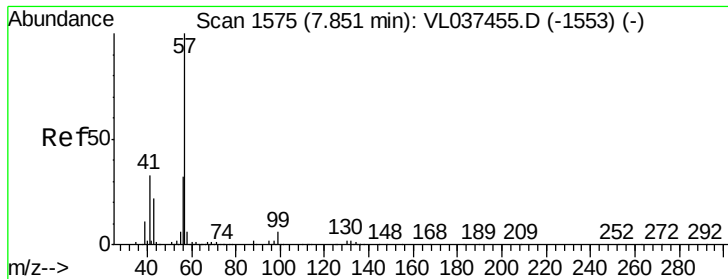
41 0.0 118.6 178.0#

100 0.0 27.4 41.0#



Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0

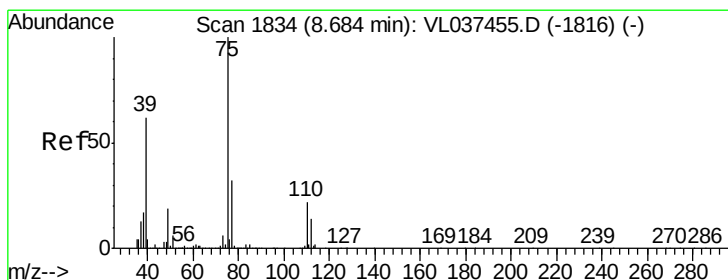
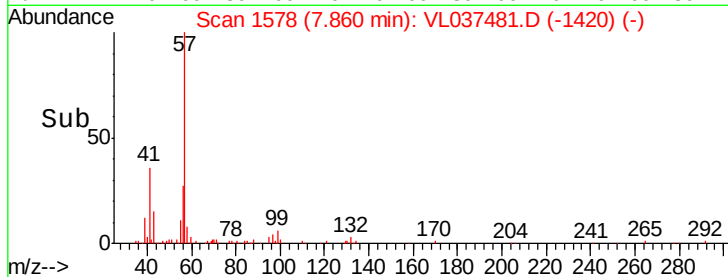
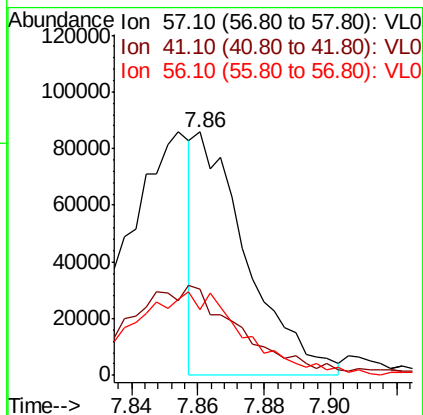
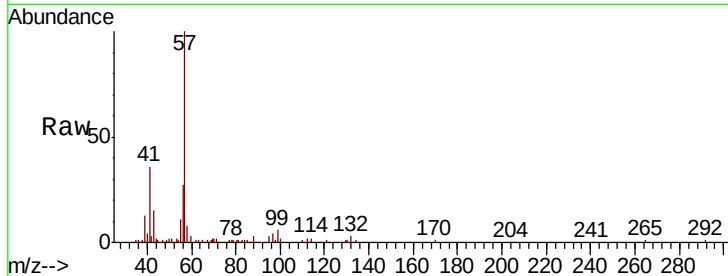




#44
 2,2,4-Trimethylpentane
 Concen: 0.161 ppbv
 RT: 7.86 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

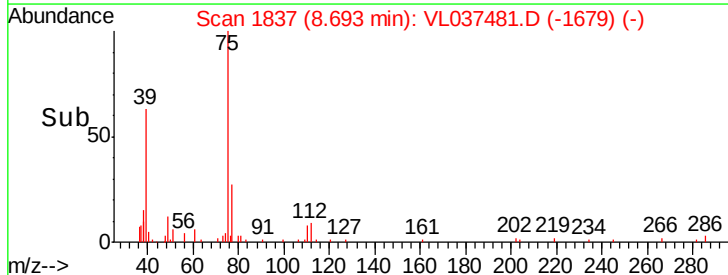
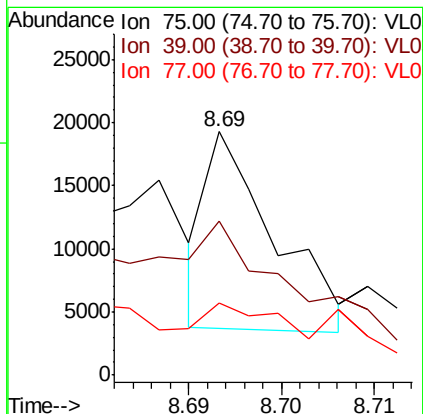
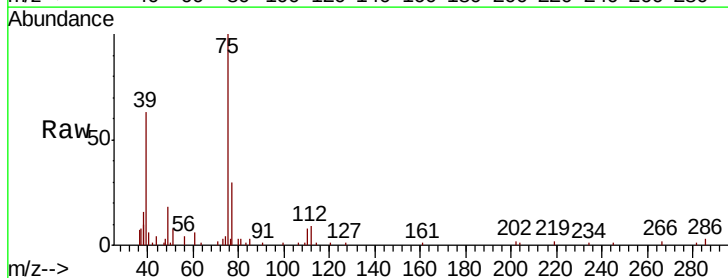
Instrument :
 MSVOA_L
 ClientSampled :

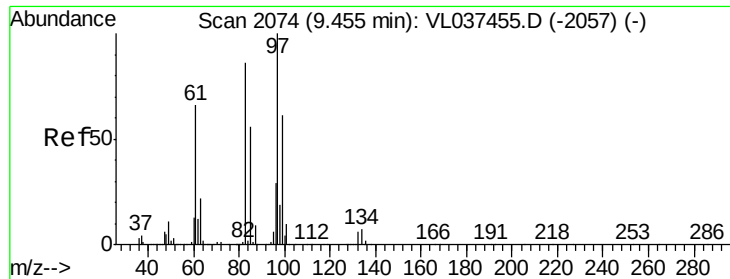
Tot Ion: 57 Resp: 92539
 Ion Ratio Lower Upper
 57 100
 41 88.5 26.2 39.4#
 56 78.5 25.4 38.2#



#46
 cis-1,3-Dichloropropene
 Concen: 0.063 ppbv
 RT: 8.69 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

Tgt Ion: 75 Resp: 7911
 Ion Ratio Lower Upper
 75 100
 39 43.6 49.7 74.5#
 77 15.1 25.4 38.0#

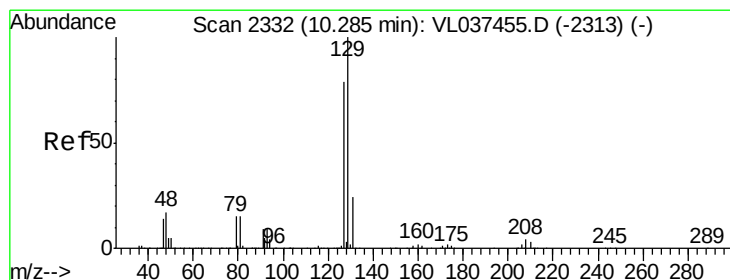
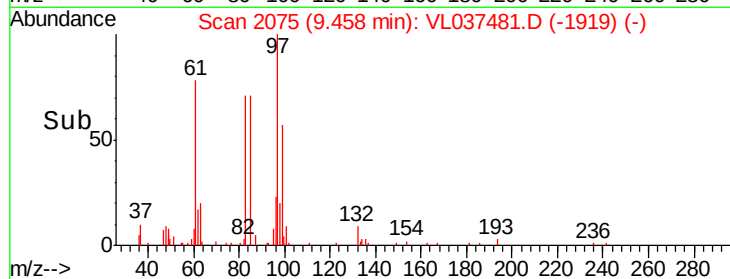
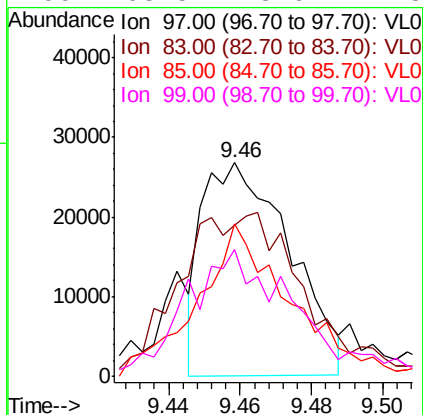
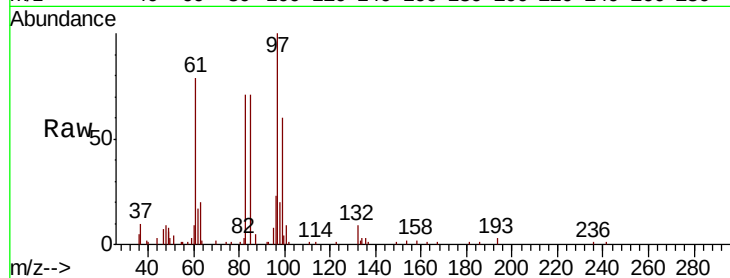




#47
 1,1,2-Trichloroethane
 Concen: 0.321 ppbv
 RT: 9.46 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

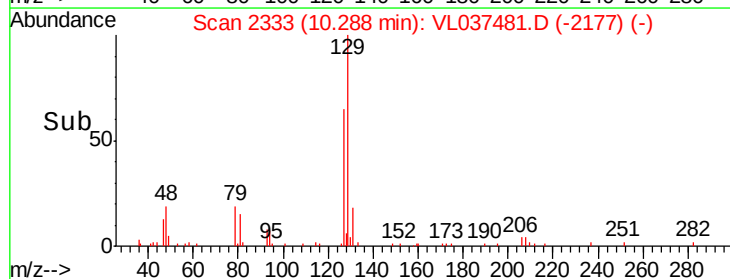
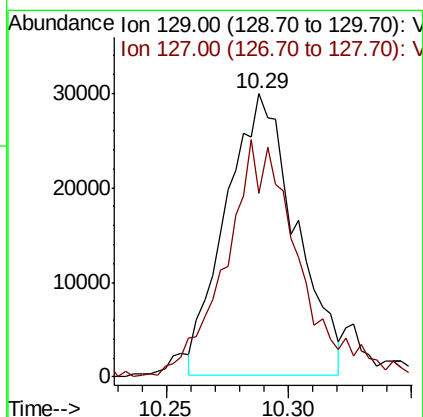
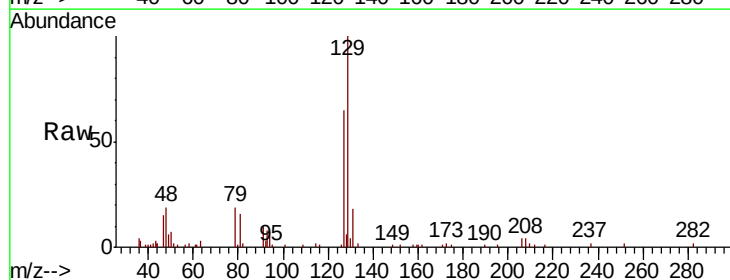
Instrument :
 MSVOA_L
 ClientSampleId :

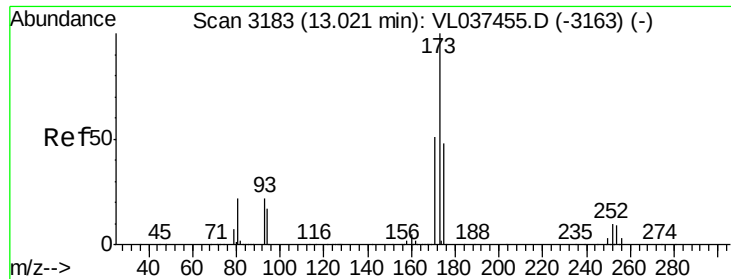
Tot Ion	Ratio	Lower	Upper
97	100		
83	64.4	68.7	103.1#
85	71.4	44.7	67.1#
99	63.5	48.6	72.8



#48
 Dibromochloromethane
 Concen: 0.290 ppbv
 RT: 10.29 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

Tgt Ion	Ratio	Lower	Upper
129	100		
127	90.6	40.0	120.0





#49

Bromoform

Concen: 0.203 ppbv

RT: 13.02 min Scan# 3184

Delta R.T. 0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

ClientSampled :

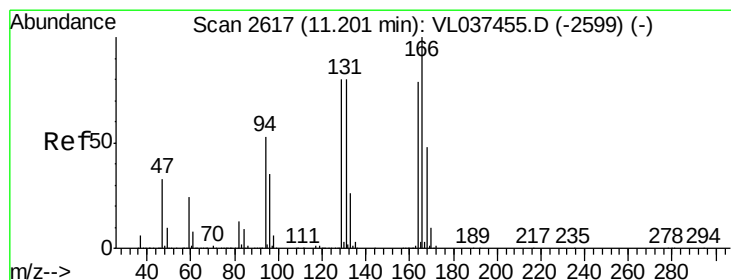
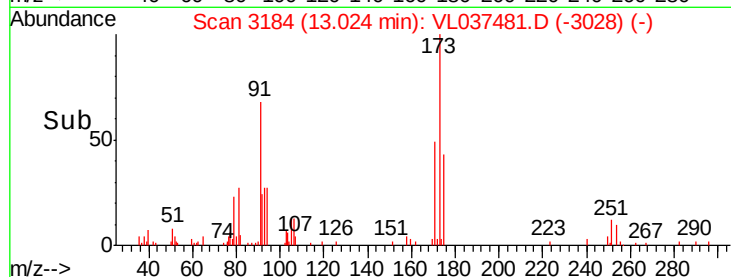
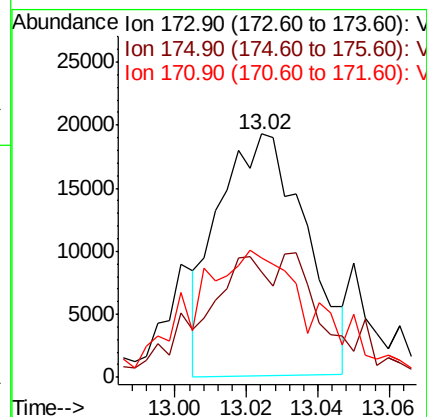
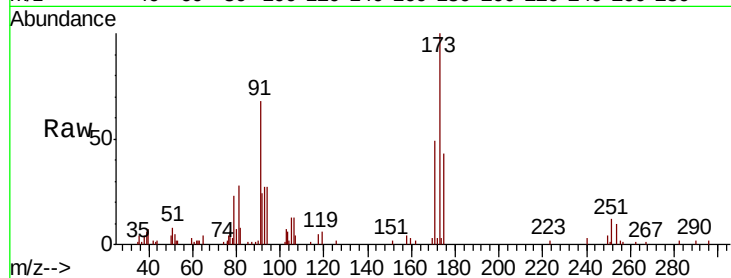
Tot Ion:173 Resp: 32498

Ion Ratio Lower Upper

173 100

175 75.0 41.9 62.9#

171 81.9 44.2 66.4#



#52

Tetrachloroethene

Concen: 0.087 ppbv

RT: 11.21 min Scan# 2619

Delta R.T. 0.01 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Tgt Ion:164 Resp: 12207

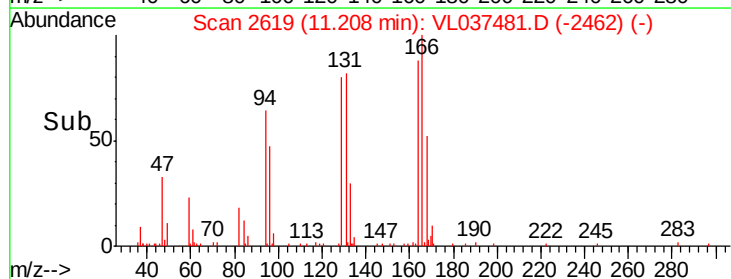
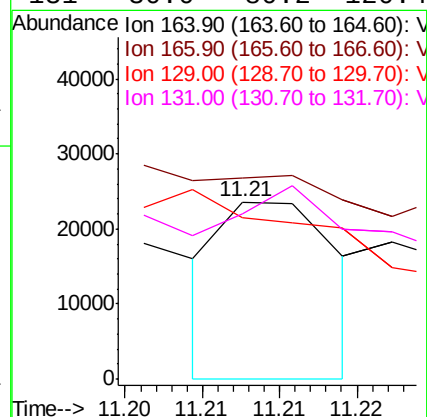
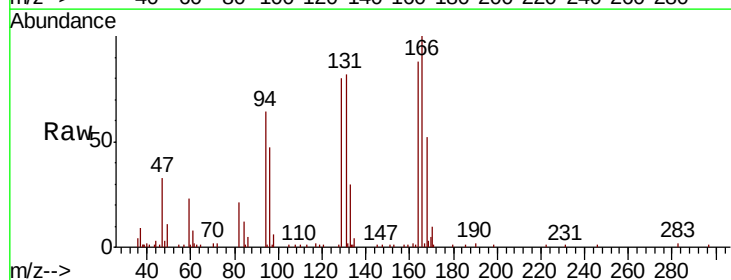
Ion Ratio Lower Upper

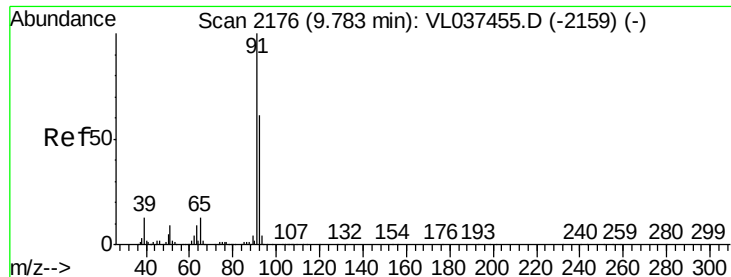
164 100

166 37.9 100.7 151.1#

129 16.8 80.9 121.3#

131 30.0 80.2 120.4#





#53

Toluene

Concen: 0.306 ppbv

RT: 9.79 min Scan# 2179

Delta R.T. 0.01 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

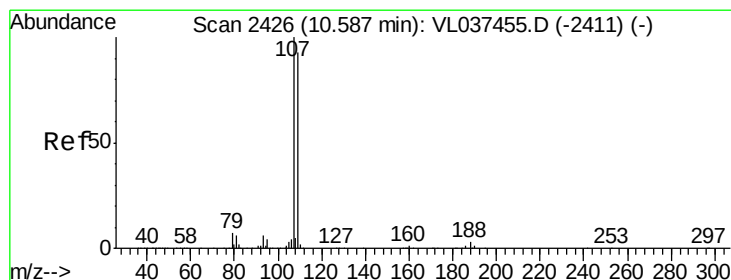
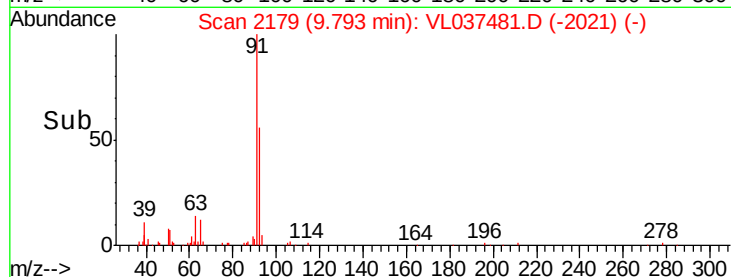
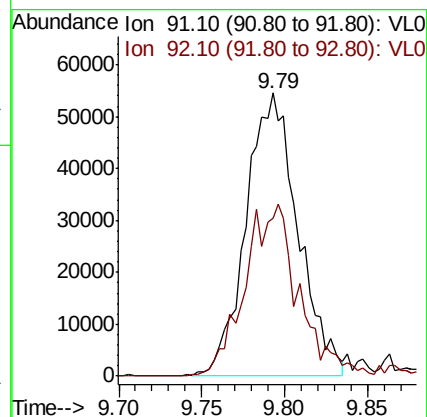
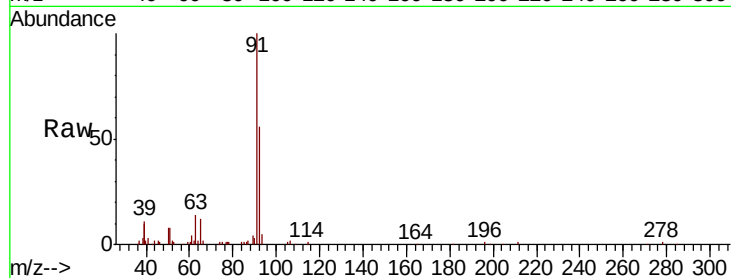
ClientSampleId :

Tot Ion: 91 Resp: 118881

Ion Ratio Lower Upper

91 100

92 63.5 48.8 73.2



#54

1,2-Dibromoethane

Concen: 0.343 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. 0.01 min

Lab File: VL037481.D

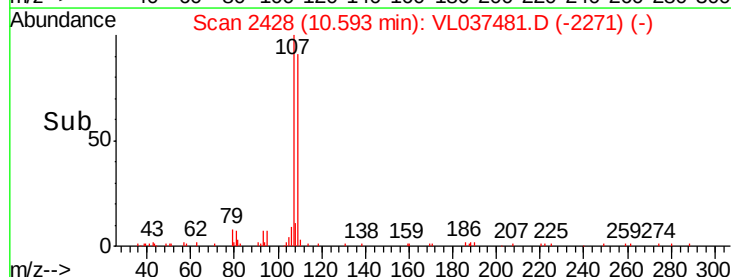
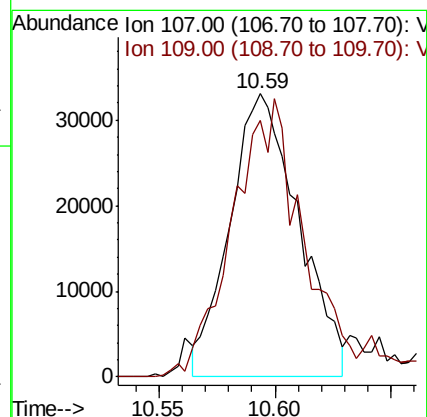
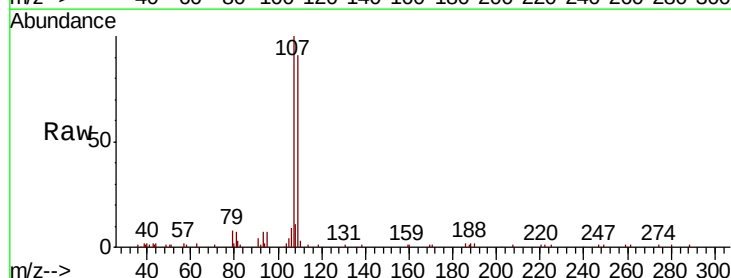
Acq: 17 Aug 2021 3:49

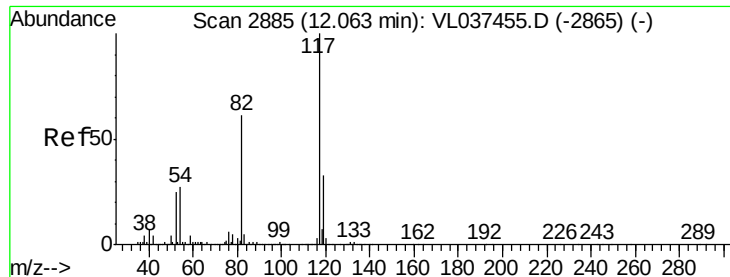
Tgt Ion: 107 Resp: 67716

Ion Ratio Lower Upper

107 100

109 90.3 74.2 111.4

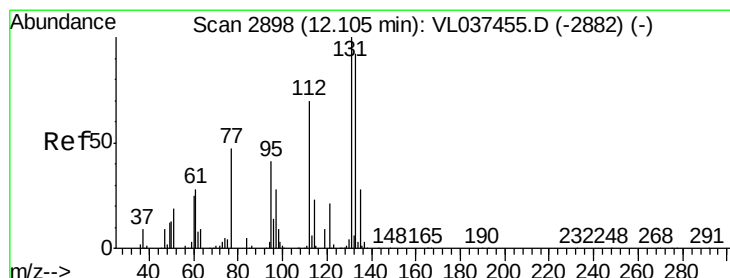
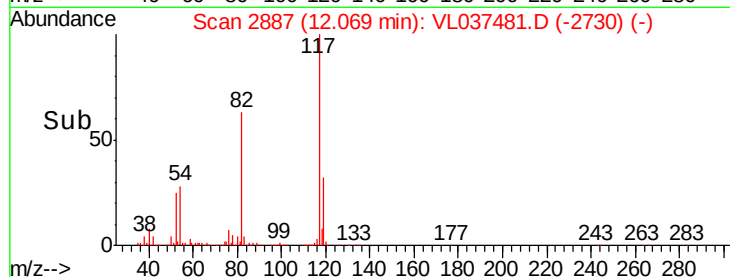
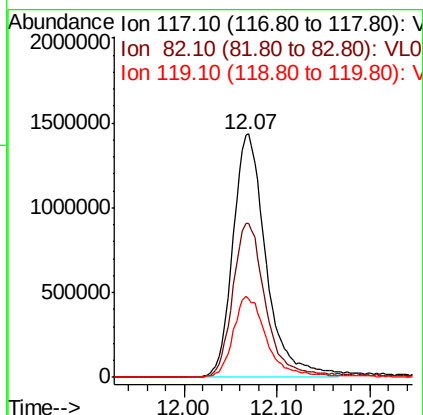
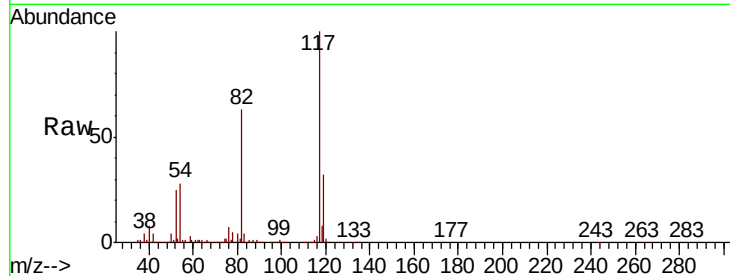




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. 0.01 min
Lab File: VL037481.D
Acq: 17 Aug 2021 3:49

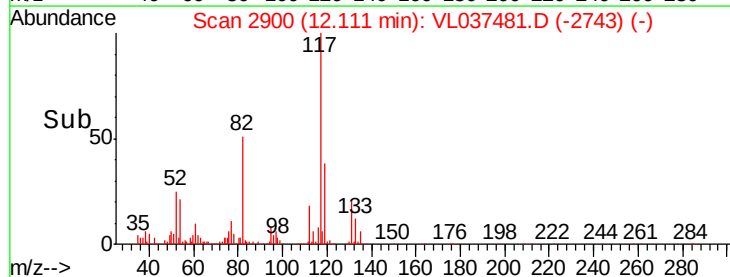
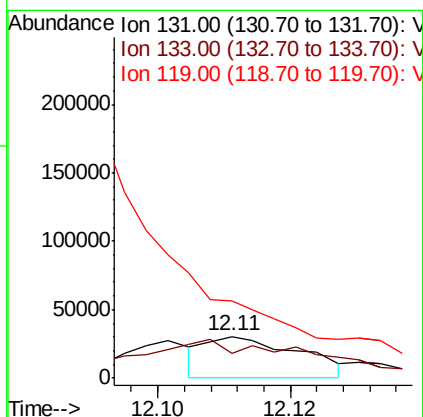
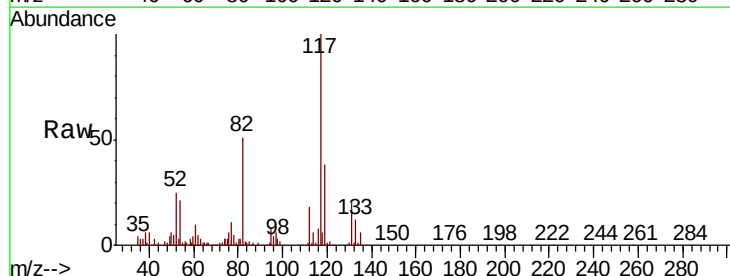
Instrument :
MSVOA_L
ClientSampleId :

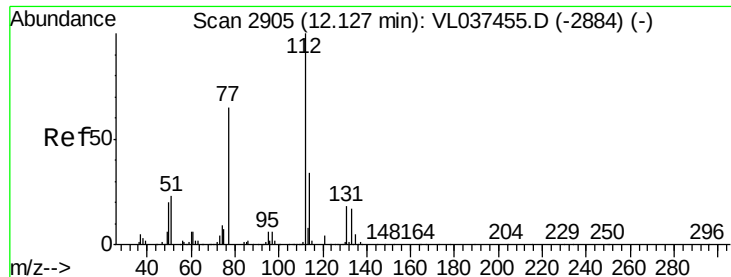
Tot Ion:117 Resp: 3566621
Ion Ratio Lower Upper
117 100
82 63.8 52.9 79.3
119 33.8 24.8 37.2



#56
1,1,1,2-Tetrachloroethane
Concen: 0.199 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.01 min
Lab File: VL037481.D
Acq: 17 Aug 2021 3:49

Tgt Ion:131 Resp: 29623
Ion Ratio Lower Upper
131 100
133 208.8 78.7 118.1#
119 0.0 56.6 85.0#





#57

Chlorobenzene

Concen: 0.420 ppbv

RT: 12.13 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

ClientSampleId :

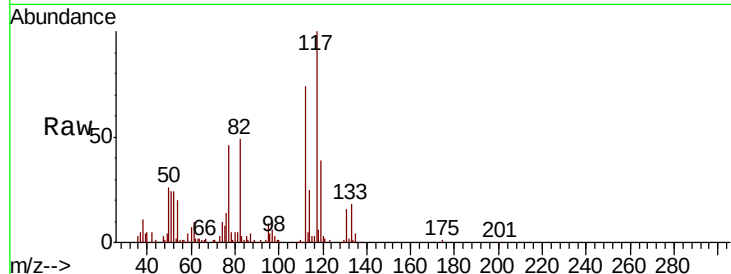
Tot Ion:112 Resp: 124316

Ion Ratio Lower Upper

112 100

77 54.6 51.6 77.4

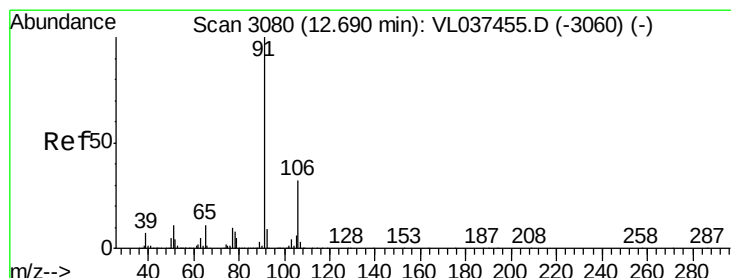
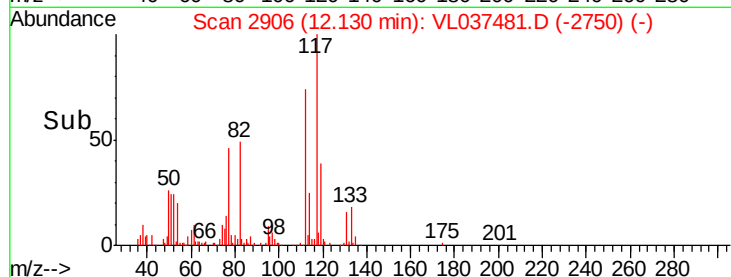
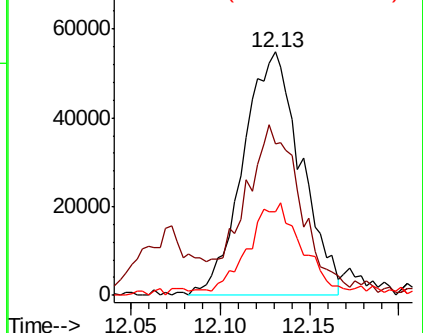
114 32.6 30.7 37.5



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: 0.153 ppbv

RT: 12.69 min Scan# 3080

Delta R.T. -0.00 min

Lab File: VL037481.D

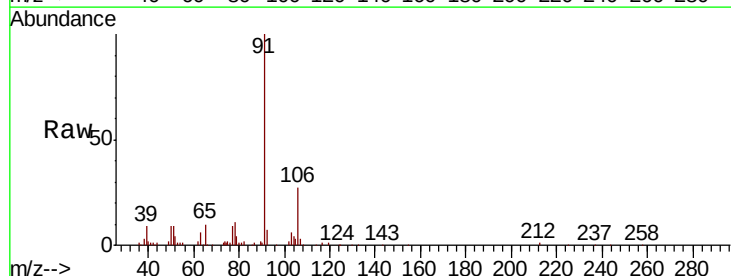
Acq: 17 Aug 2021 3:49

Tgt Ion: 91 Resp: 75665

Ion Ratio Lower Upper

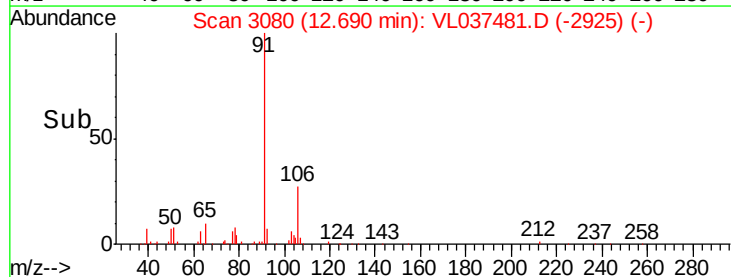
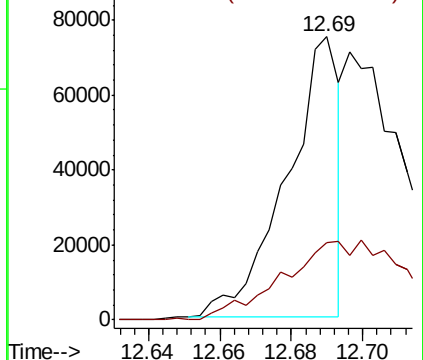
91 100

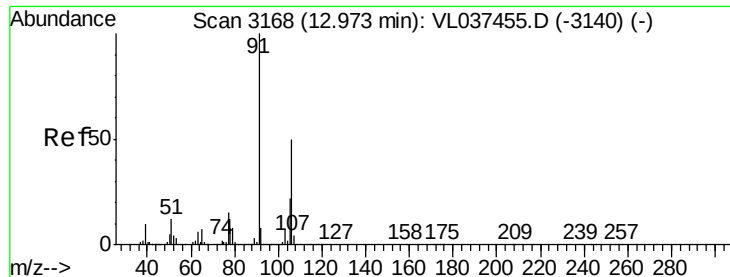
106 27.5 25.7 38.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 0.247 ppbv

RT: 12.98 min Scan# 3170

Delta R.T. 0.01 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

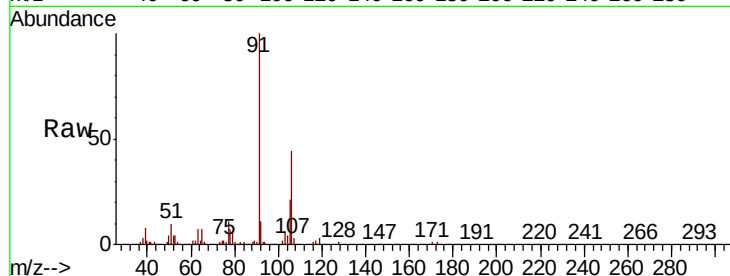
ClientSampleId :

Tot Ion: 91 Resp: 106196

Ion Ratio Lower Upper

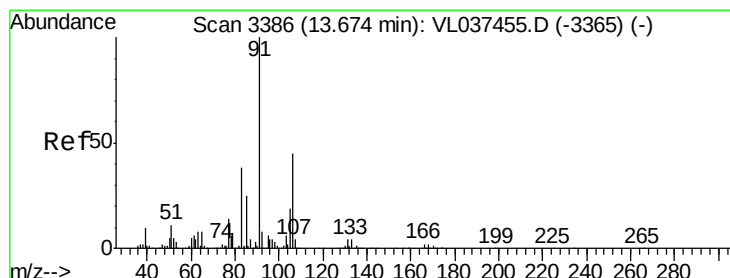
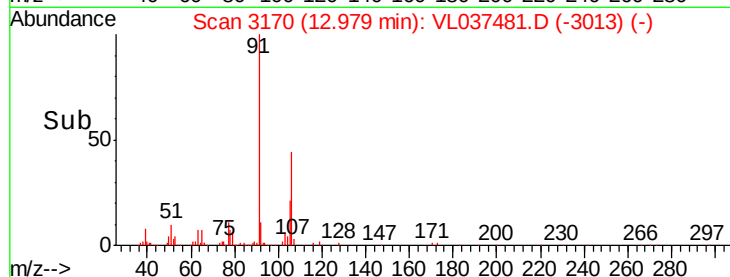
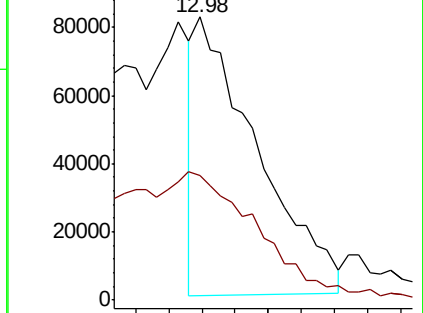
91 100

106 131.6 36.9 55.3#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.358 ppbv

RT: 13.67 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VL037481.D

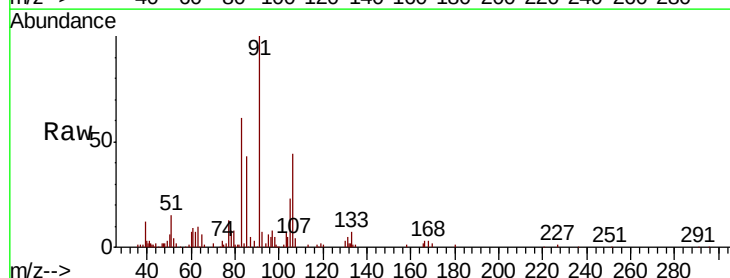
Acq: 17 Aug 2021 3:49

Tgt Ion: 91 Resp: 143338

Ion Ratio Lower Upper

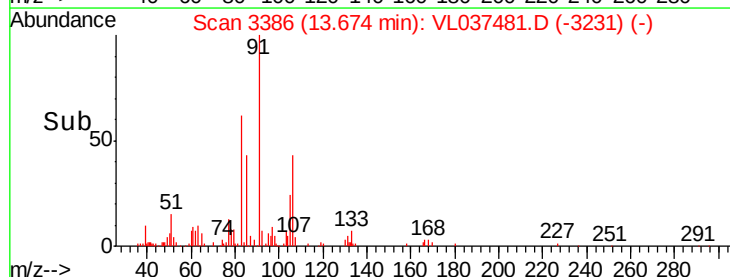
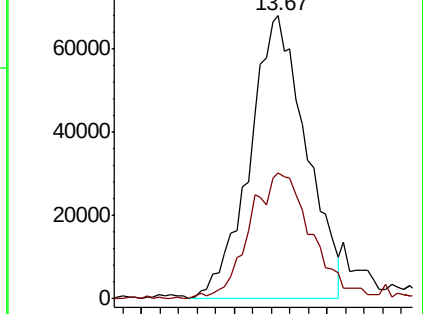
91 100

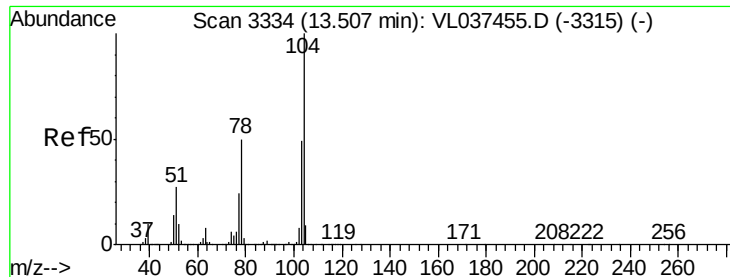
106 48.3 23.7 71.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Stvrene

Concen: 0.210 ppbv

RT: 13.51 min Scan# 3336

Delta R.T. 0.01 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

ClientSampleId :

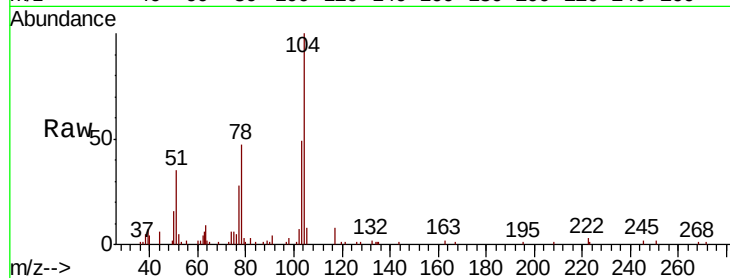
Tot Ion:104 Resp: 43695

Ion Ratio Lower Upper

104 100

78 71.9 41.3 61.9#

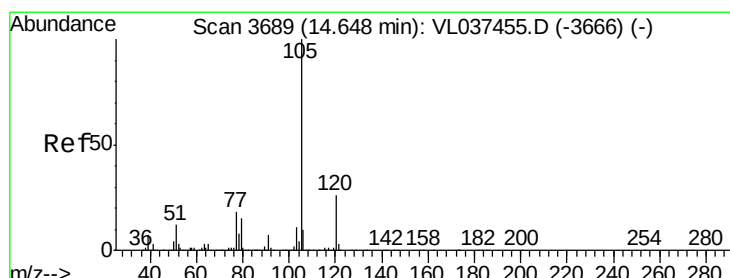
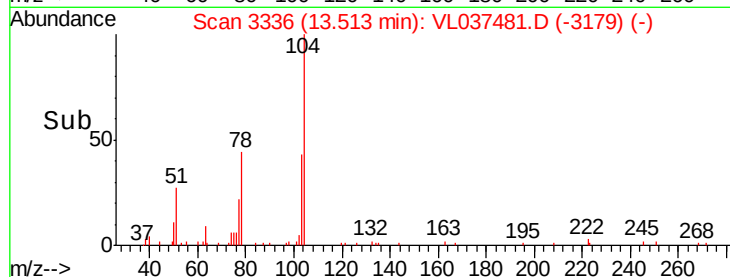
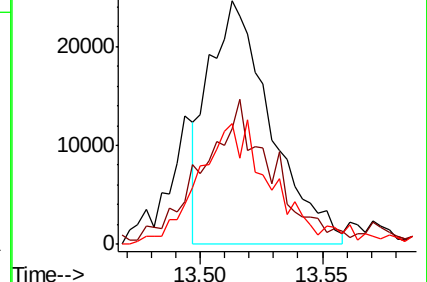
103 61.1 39.4 59.0#



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



#62

Isopropylbenzene

Concen: 0.413 ppbv

RT: 14.65 min Scan# 3690

Delta R.T. 0.00 min

Lab File: VL037481.D

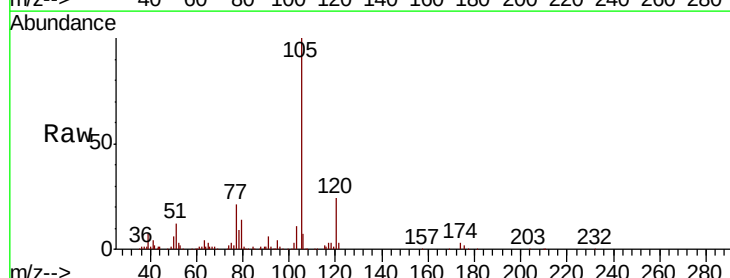
Acq: 17 Aug 2021 3:49

Tgt Ion:105 Resp: 233507

Ion Ratio Lower Upper

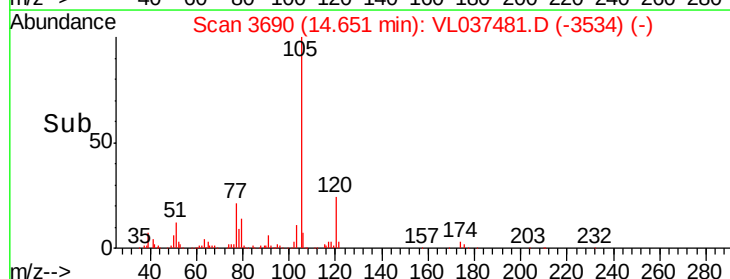
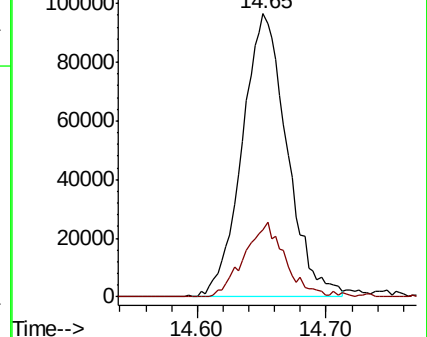
105 100

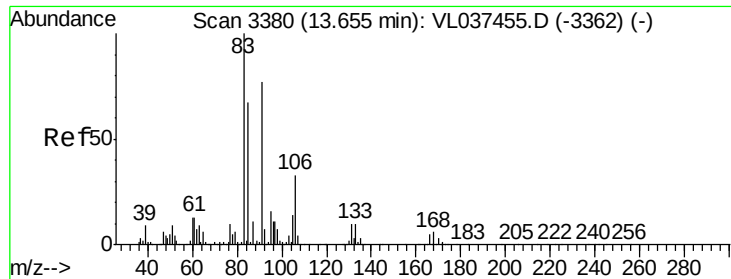
120 24.8 21.5 32.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 0.290 ppbv

RT: 13.66 min Scan# 3382

Delta R.T. 0.01 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

ClientSampleId :

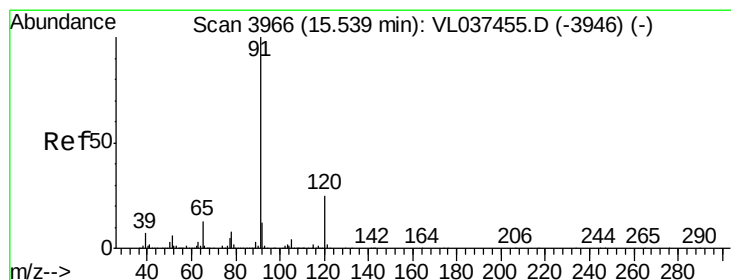
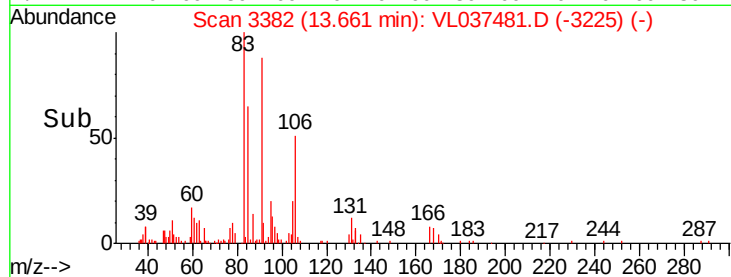
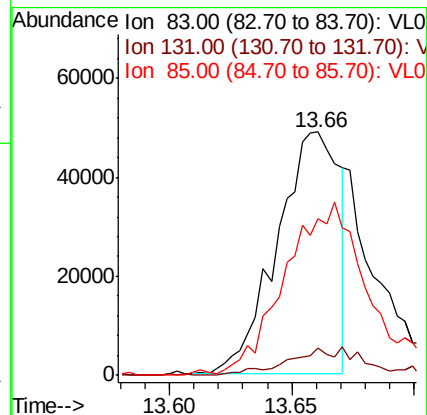
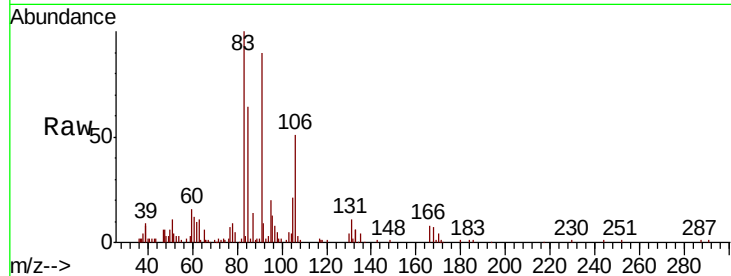
Tot Ion: 83 Resp: 86236

Ion Ratio Lower Upper

83 100

131 13.9 5.0 15.0

85 101.8 33.8 101.3#



#64

n-propylbenzene

Concen: 0.079 ppbv

RT: 15.55 min Scan# 3969

Delta R.T. 0.01 min

Lab File: VL037481.D

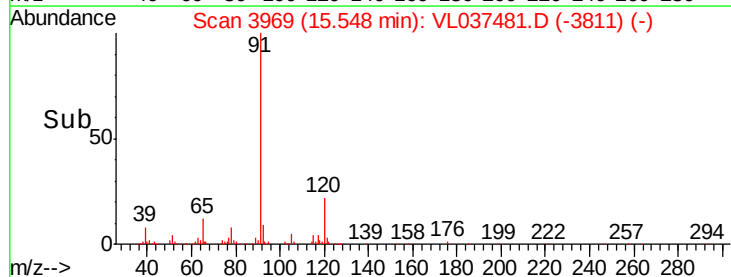
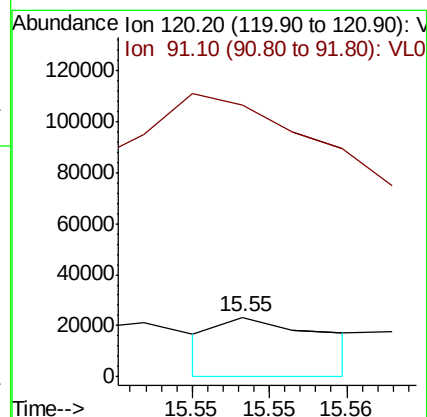
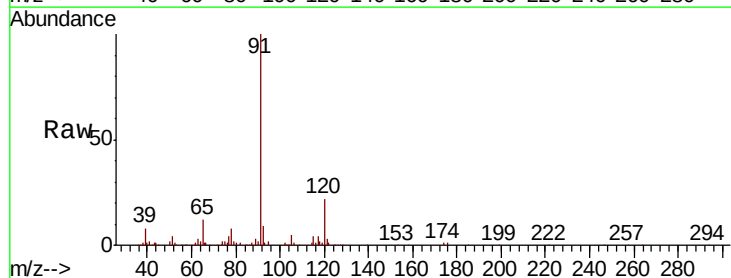
Acq: 17 Aug 2021 3:49

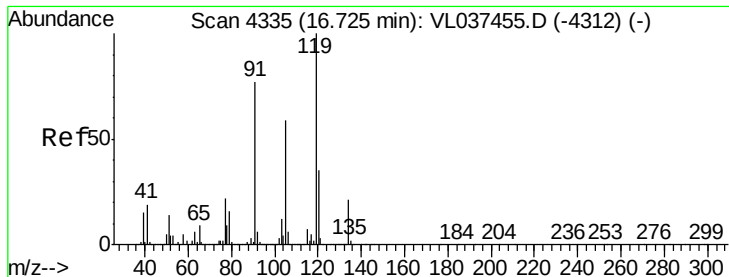
Tgt Ion: 120 Resp: 11308

Ion Ratio Lower Upper

120 100

91 2370.3 373.8 560.6#





#65

tert-Butylbenzene

Concen: 0.346 ppbv

RT: 16.73 min Scan# 4336

Delta R.T. 0.00 min

Lab File: VL037481.D

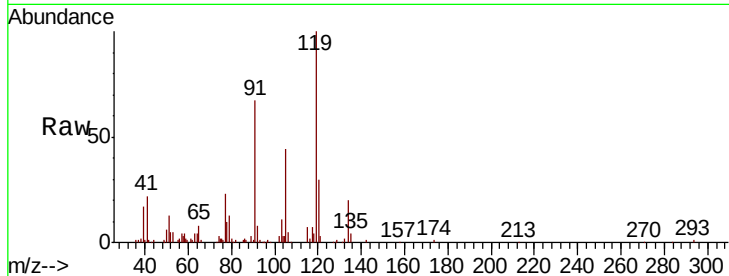
Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

ClientSampleId :

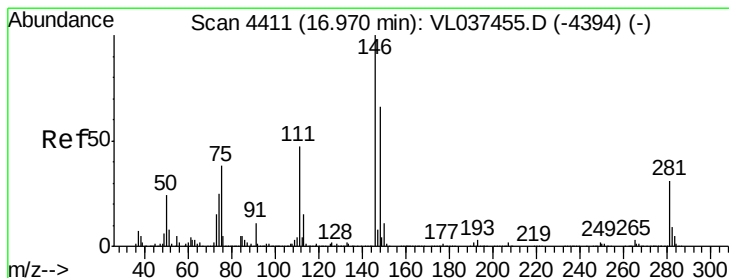
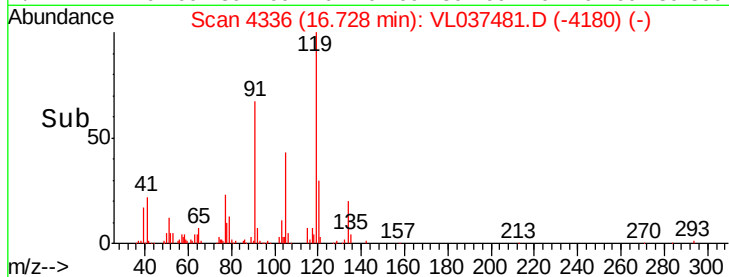
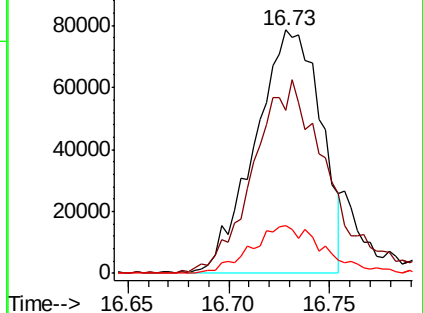
Tot Ion:	119	Resp:	178171
Ion	Ratio	Lower	Upper
119	100		
91	93.7	62.9	94.3
134	21.9	16.4	24.6



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 0.050 ppbv

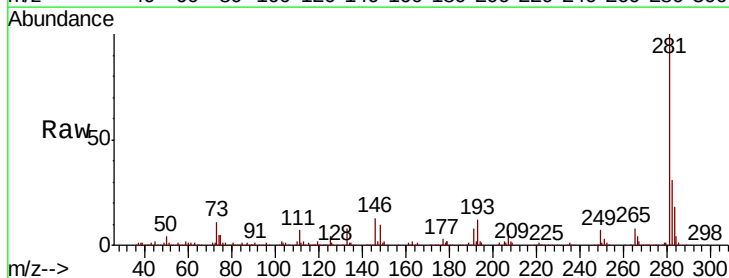
RT: 16.97 min Scan# 4411

Delta R.T. -0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

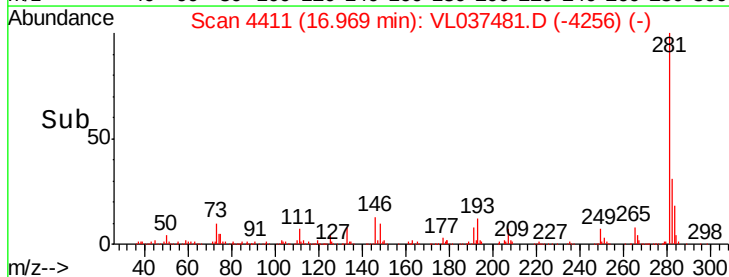
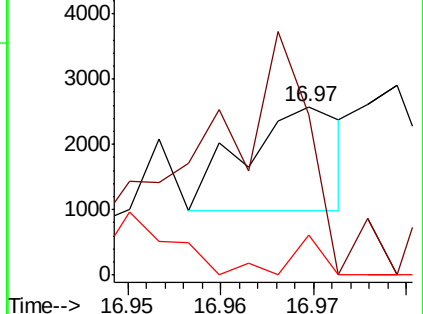
Tgt Ion:	91	Resp:	1174
Ion	Ratio	Lower	Upper
91	100		
126	469.4	15.9	23.9#
128	52.9	5.4	8.0#

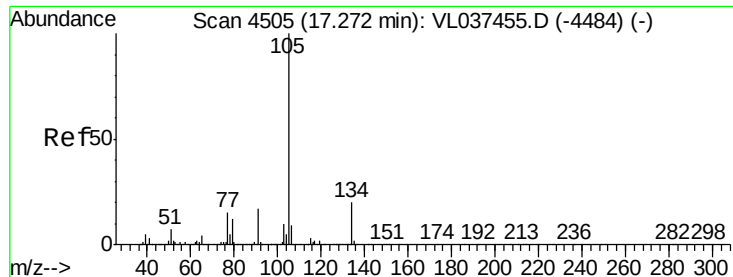


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 0.378 ppbv

RT: 17.28 min Scan# 4508

Delta R.T. 0.01 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

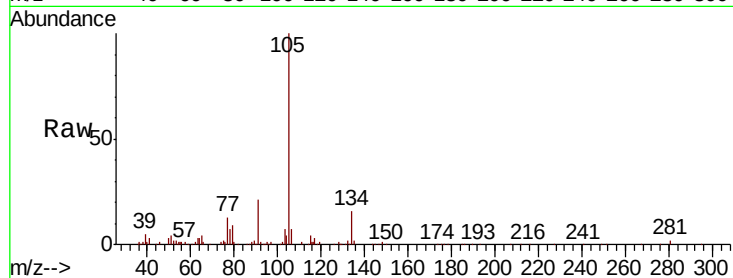
ClientSampled :

Tot Ion:105 Resp: 271716

Ion Ratio Lower Upper

105 100

134 17.8 15.2 22.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

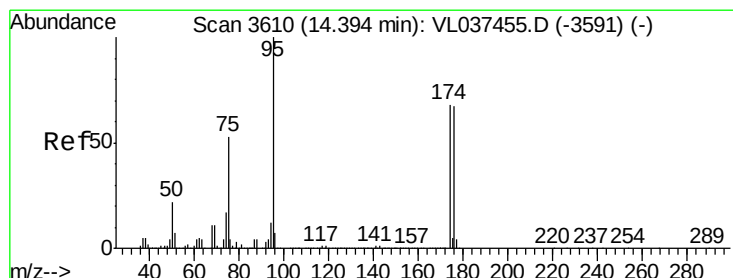
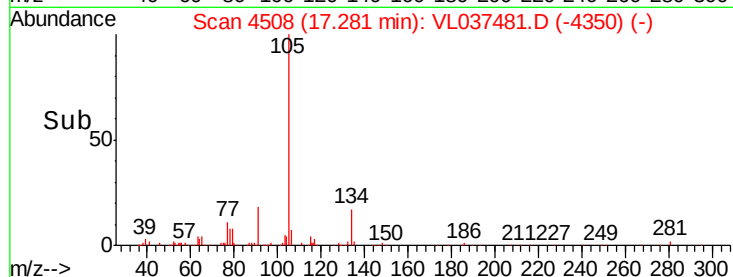
17.28

100000

50000

0

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.123 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

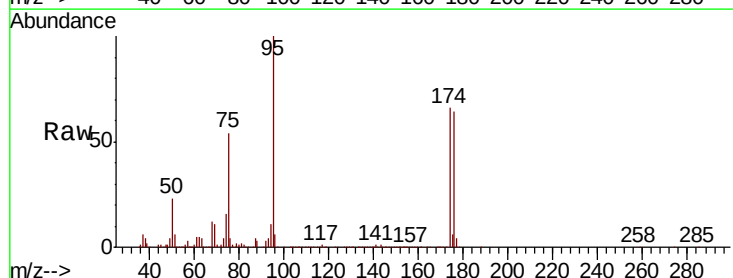
Tgt Ion: 95 Resp: 2565046

Ion Ratio Lower Upper

95 100

174 74.5 59.6 89.4

175 5.4 4.6 7.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

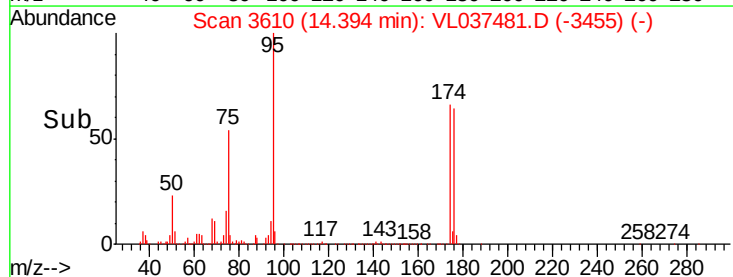
14.39

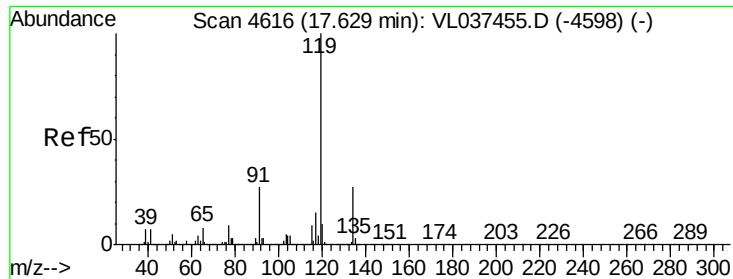
1000000

500000

0

Time-->





#69

p-Isopropyltoluene

Concen: 0.341 ppbv

RT: 17.64 min Scan# 4619

Delta R.T. 0.01 min

Lab File: VL037481.D

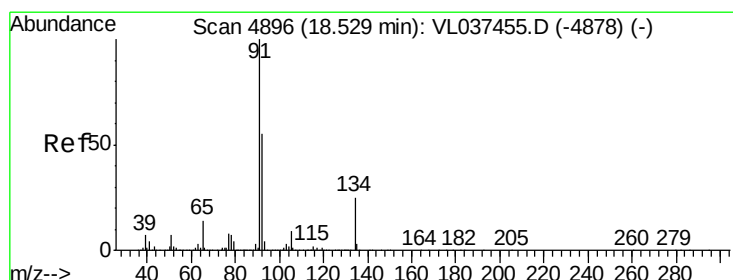
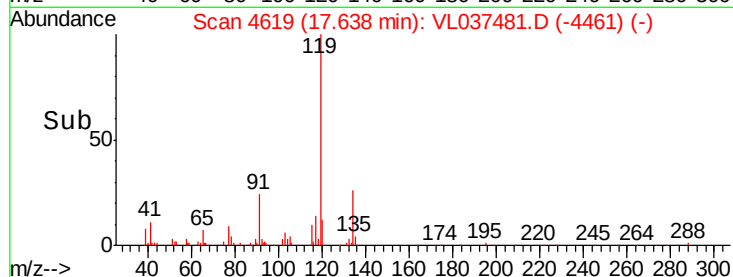
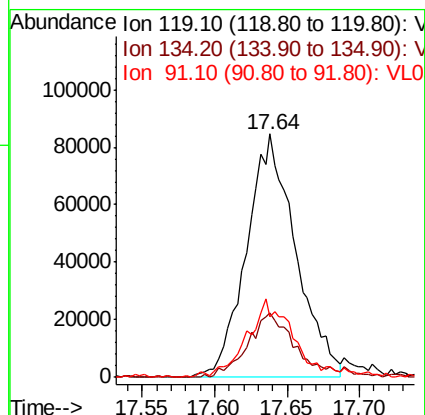
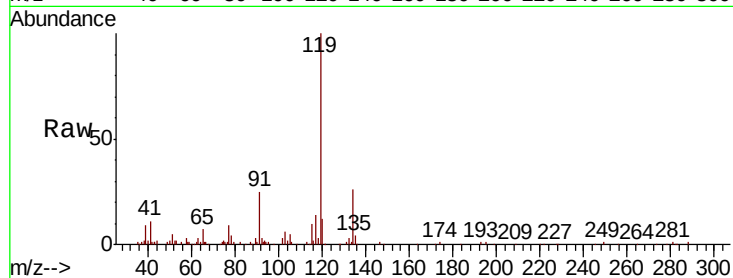
Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

ClientSampled :

Tot Ion:	119	Resp:	199661
Ion	Ratio	Lower	Upper
119	100		
134	26.8	21.1	31.7
91	31.5	22.4	33.6



#70

n-Butylbenzene

Concen: 0.310 ppbv

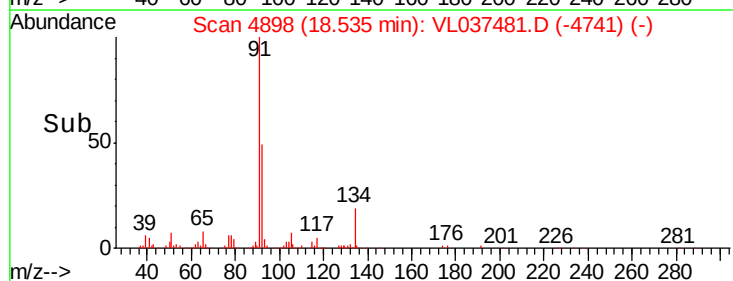
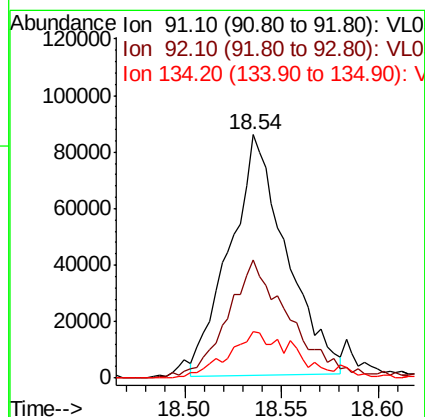
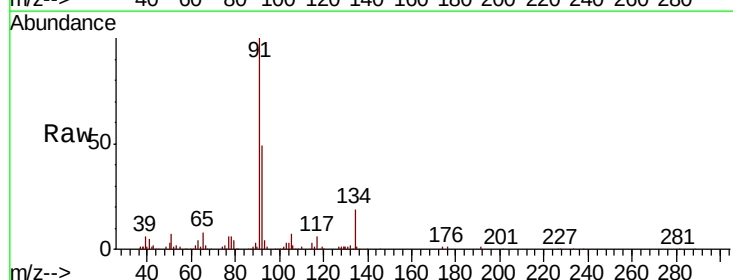
RT: 18.54 min Scan# 4898

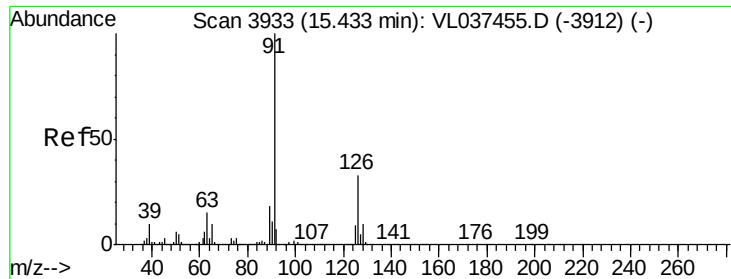
Delta R.T. 0.01 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Tgt Ion:	91	Resp:	173596
Ion	Ratio	Lower	Upper
91	100		
92	55.8	44.0	66.0
134	24.4	19.5	29.3





#71

2-Chlorotoluene

Concen: 0.362 ppbv

RT: 15.43 min Scan# 3932

Delta R.T. -0.00 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

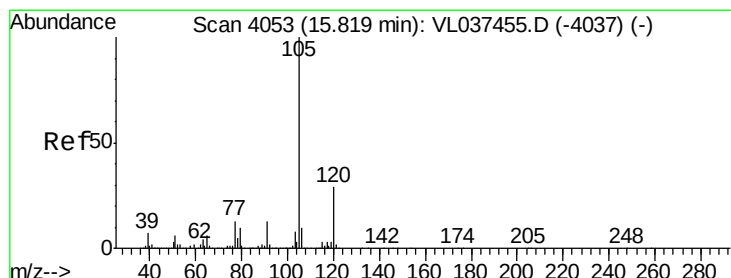
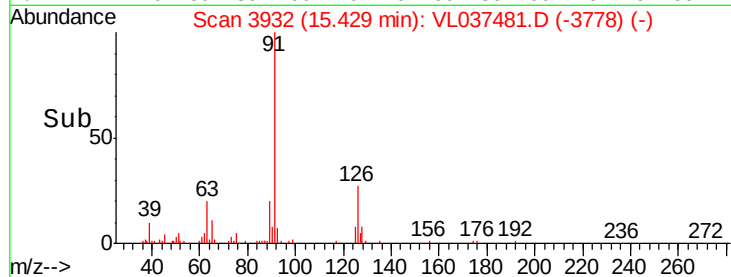
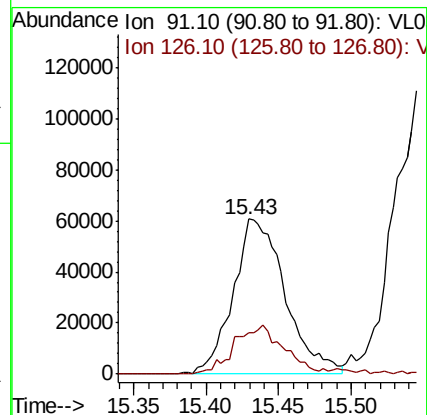
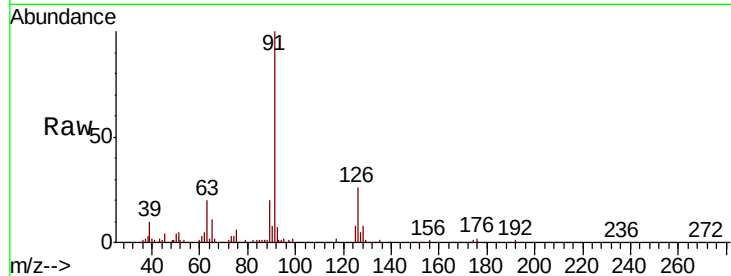
ClientSampleId :

Tot Ion: 91 Resp: 149923

Ion Ratio Lower Upper

91 100

126 32.6 13.6 54.4



#72

4-Ethyltoluene

Concen: 0.174 ppbv

RT: 15.82 min Scan# 4055

Delta R.T. 0.01 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Tgt Ion:105 Resp: 82873

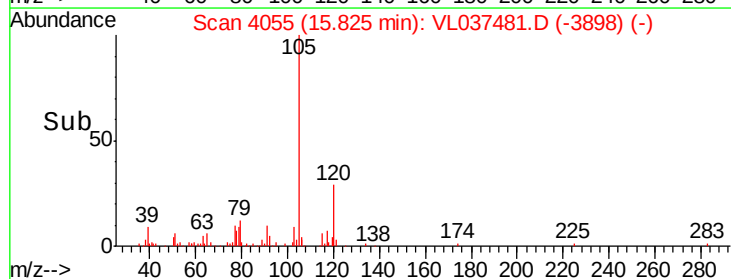
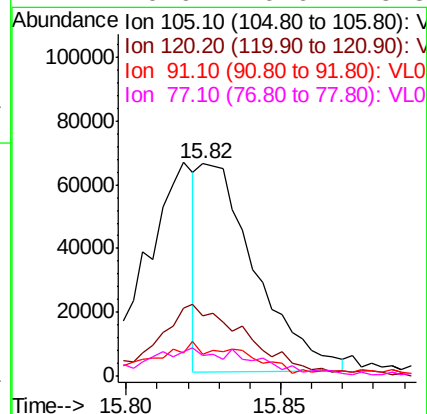
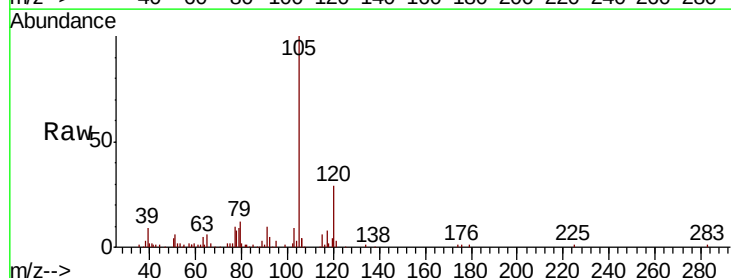
Ion Ratio Lower Upper

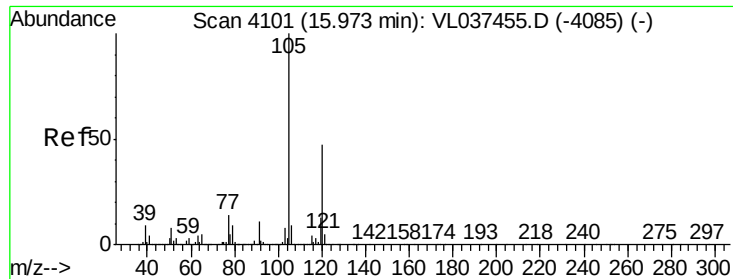
105 100

120 61.6 24.7 37.1#

91 28.5 9.8 14.8#

77 29.9 10.6 15.8#

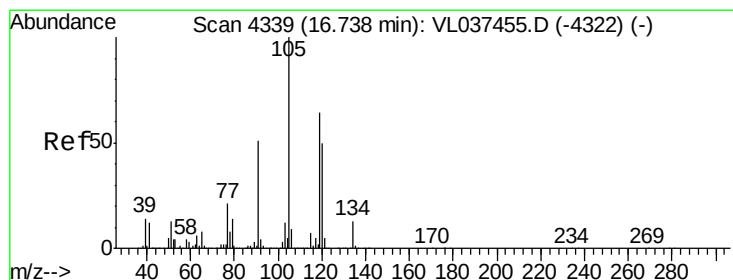
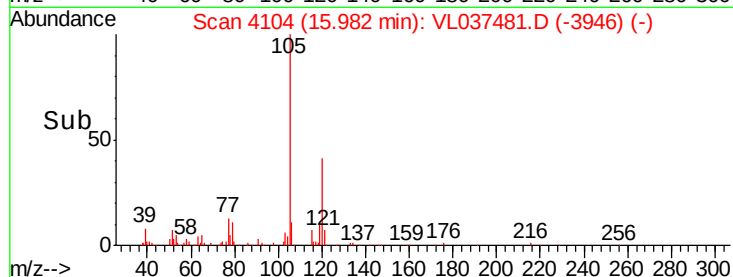
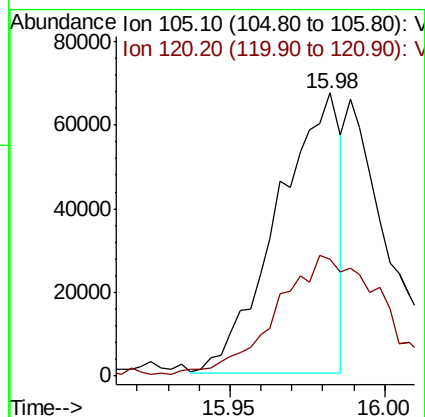
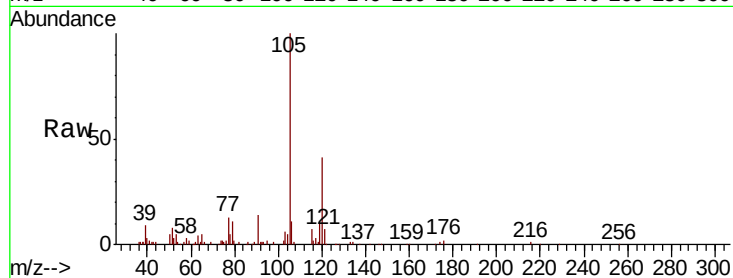




#73
 1,3,5-Trimethylbenzene
 Concen: 0.213 ppbv
 RT: 15.98 min Scan# 4104
 Delta R.T. 0.01 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

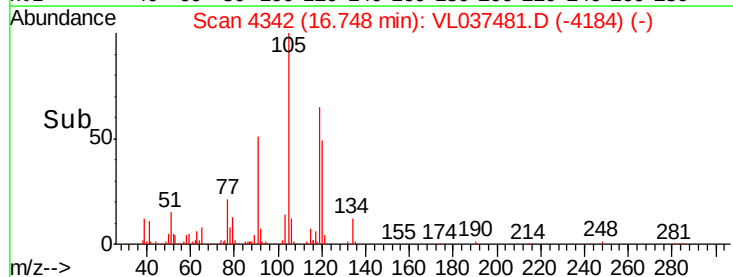
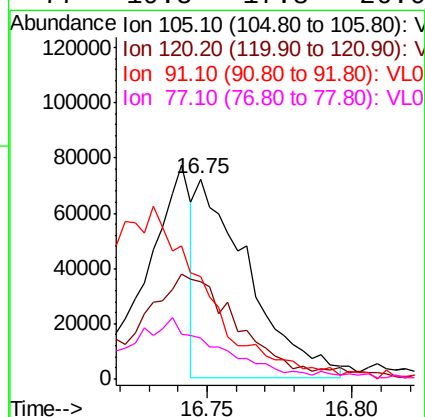
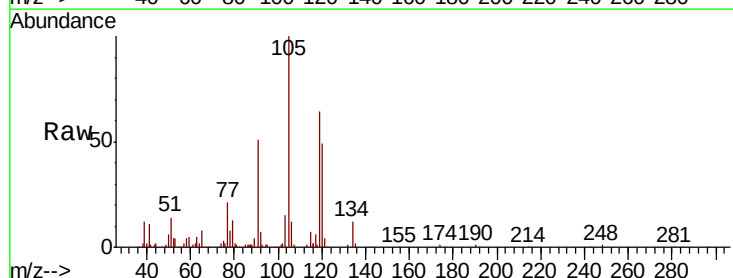
Instrument :
 MSVOA_L
 ClientSampleId :

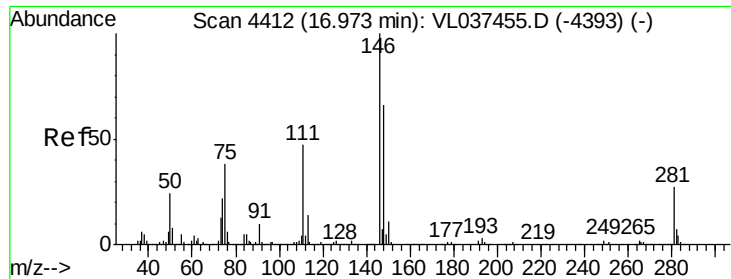
Tot Ion:105 Resp: 94505
 Ion Ratio Lower Upper
 105 100
 120 39.7 37.6 56.4



#74
 1,2,4-Trimethylbenzene
 Concen: 0.192 ppbv
 RT: 16.75 min Scan# 4342
 Delta R.T. 0.01 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

Tgt Ion:105 Resp: 90608
 Ion Ratio Lower Upper
 105 100
 120 45.2 40.4 60.6
 91 53.4 44.6 67.0
 77 19.5 17.8 26.6

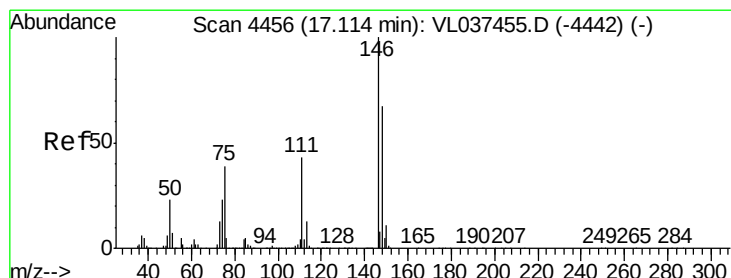
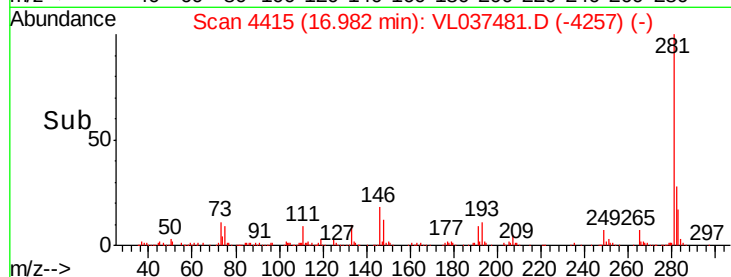
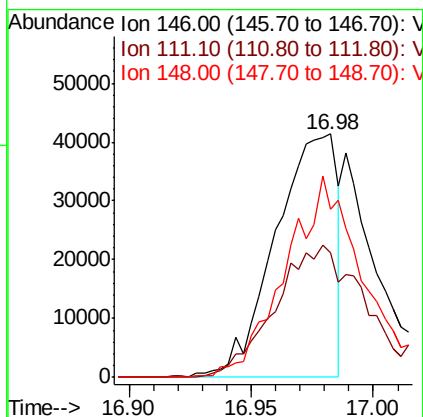
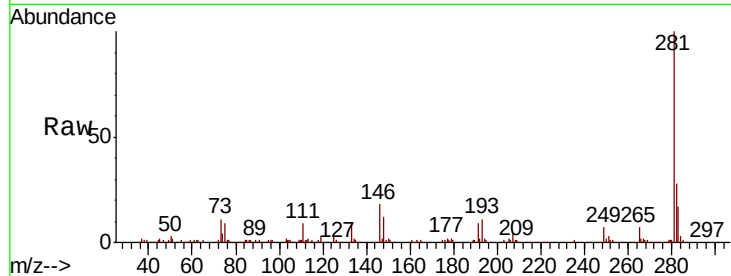




#75
 1,3-Dichlorobenzene
 Concen: 0.255 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T. 0.01 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

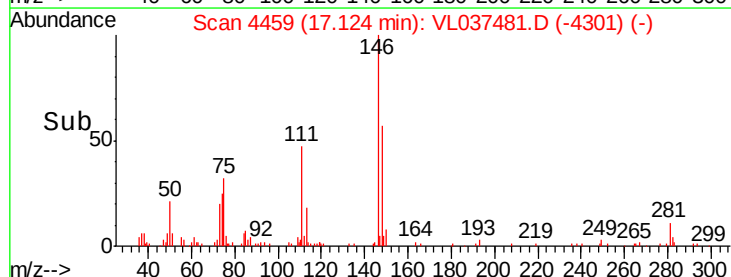
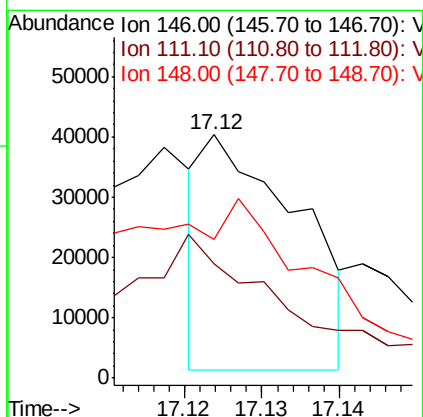
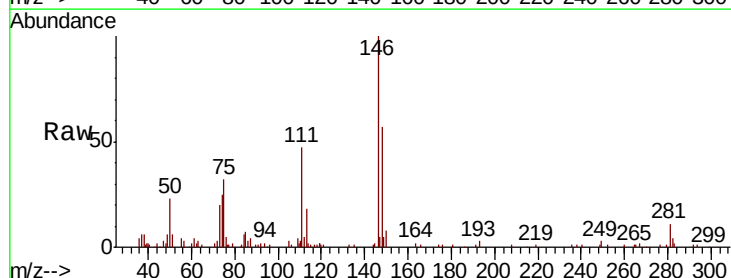
Instrument :
 MSVOA_L
 ClientSampleId :

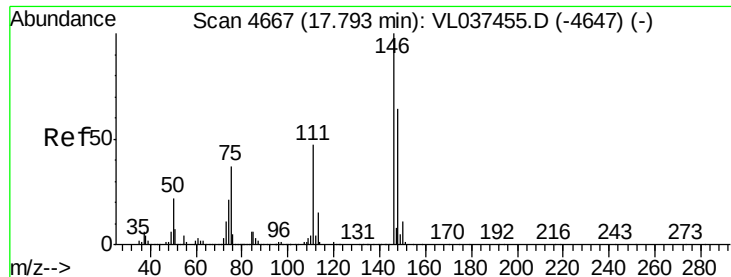
Tot Ion:146 Resp: 72317
 Ion Ratio Lower Upper
 146 100
 111 85.8 23.4 70.0#
 148 111.2 33.1 99.5#



#76
 1,4-Dichlorobenzene
 Concen: 0.117 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. 0.01 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

Tgt Ion:146 Resp: 33303
 Ion Ratio Lower Upper
 146 100
 111 151.9 22.1 66.5#
 148 214.1 32.4 97.0#

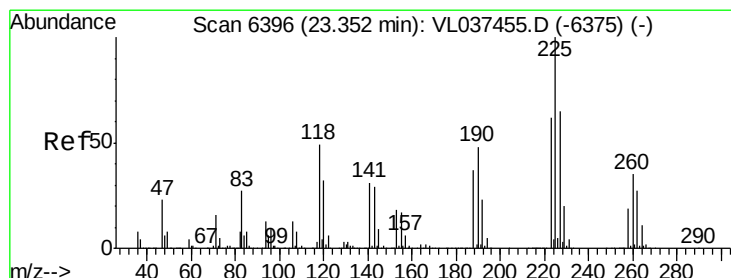
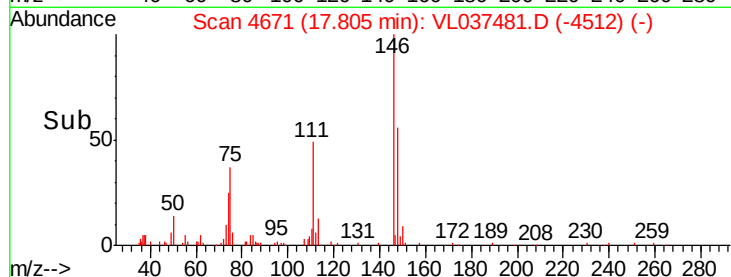
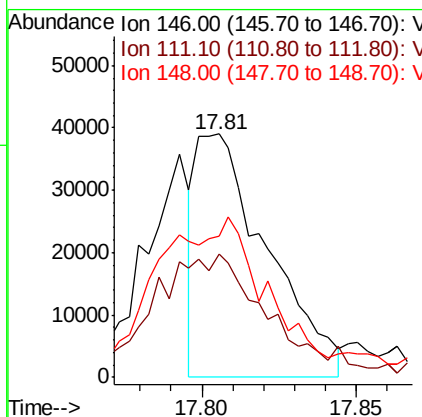
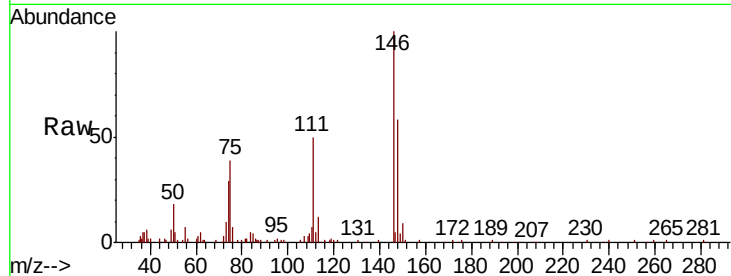




#77
 1,2-Dichlorobenzene
 Concen: 0.223 ppbv
 RT: 17.81 min Scan# 4671
 Delta R.T. 0.01 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

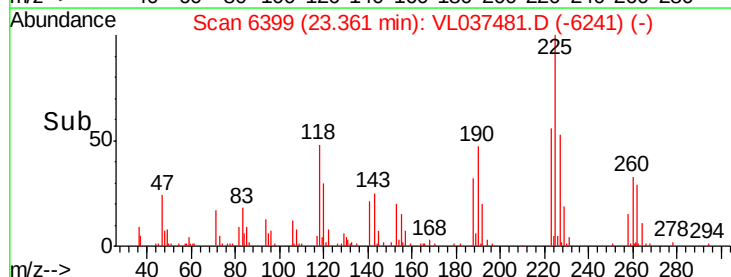
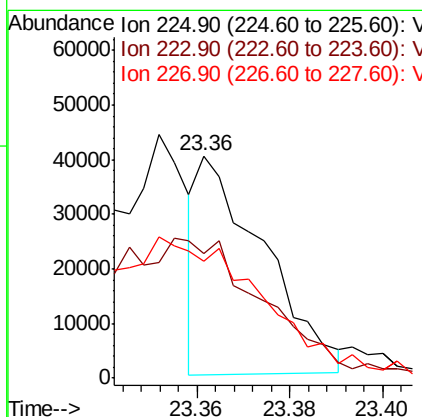
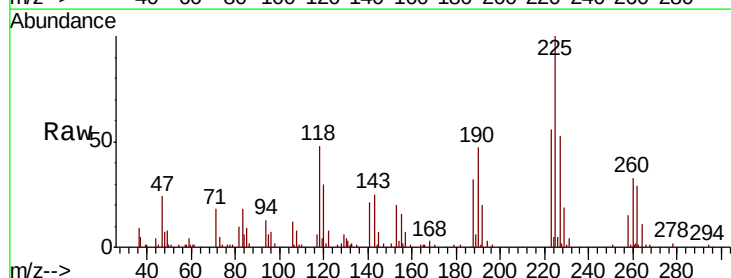
Instrument :
 MSVOA_L
 ClientSampled :

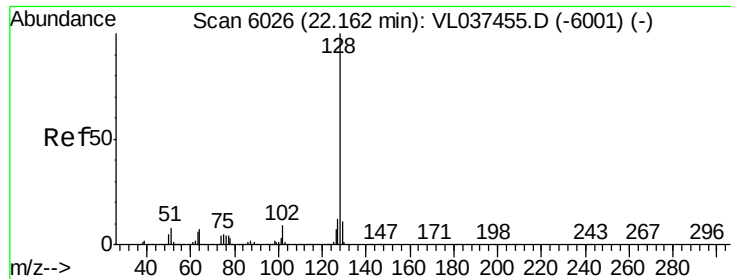
Tot Ion:146 Resp: 62184
 Ion Ratio Lower Upper
 146 100
 111 90.6 23.4 70.3#
 148 120.2 32.5 97.5#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.170 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T. 0.01 min
 Lab File: VL037481.D
 Acq: 17 Aug 2021 3:49

Tgt Ion:225 Resp: 39509
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.4 77.0#
 227 0.0 52.9 79.3#





#79

Naphthalene

Concen: 0.067 ppbv

RT: 22.17 min Scan# 6029

Delta R.T. 0.01 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

ClientSampleId :

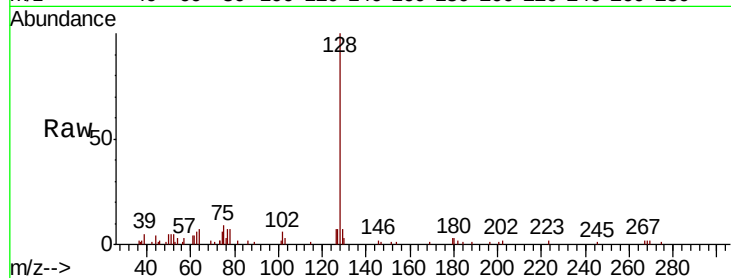
Tot Ion:128 Resp: 20988

Ion Ratio Lower Upper

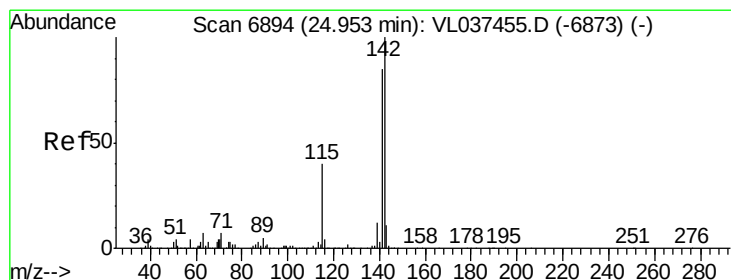
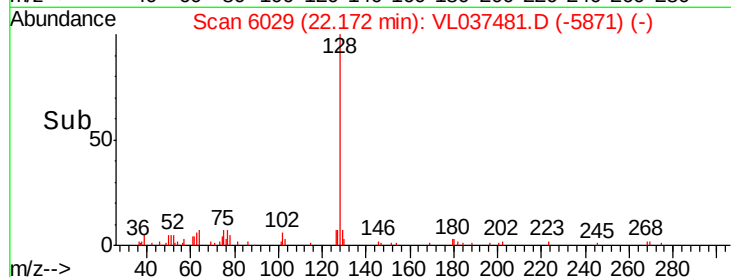
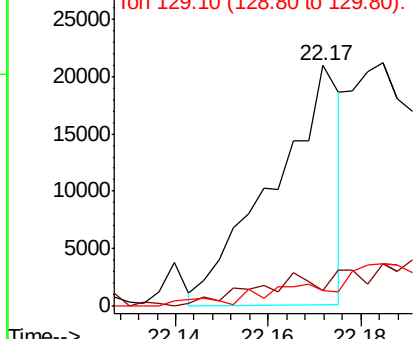
128 100

127 5.8 9.4 14.2#

129 4.0 8.8 13.2#



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 0.046 ppbv

RT: 25.00 min Scan# 6909

Delta R.T. 0.05 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

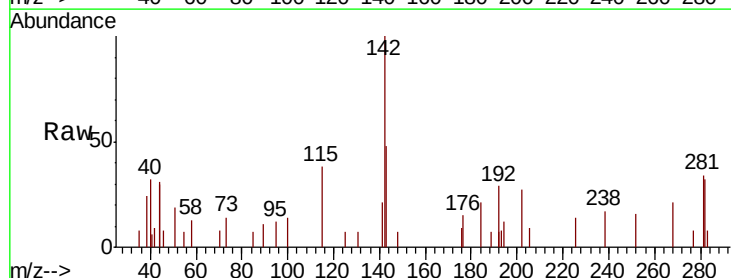
Tgt Ion:142 Resp: 4002

Ion Ratio Lower Upper

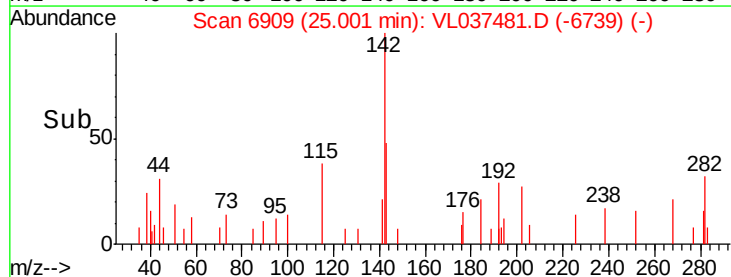
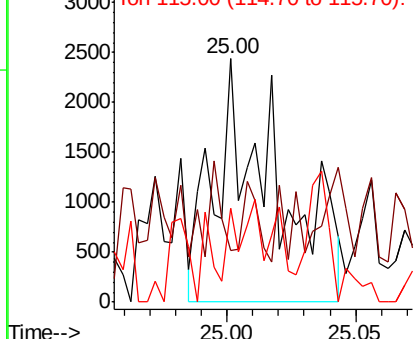
142 100

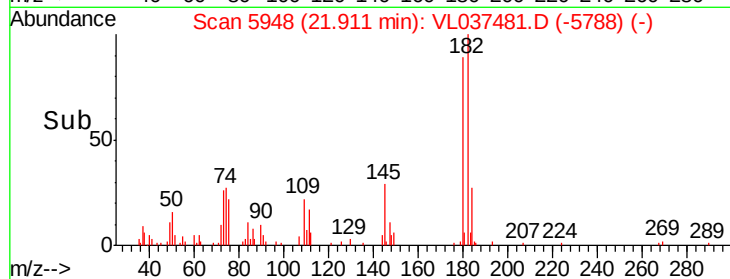
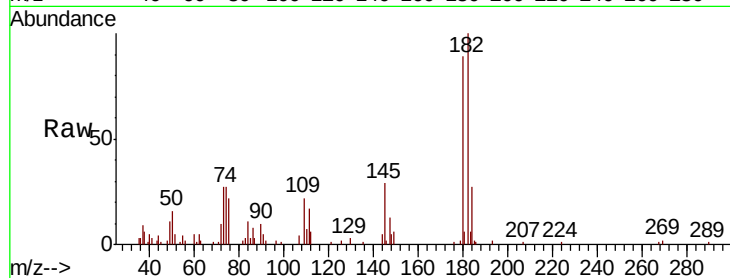
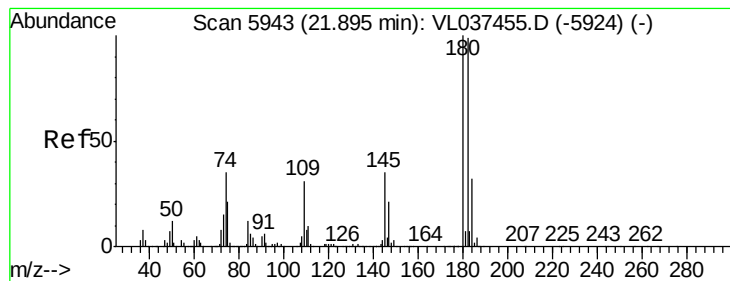
141 90.2 64.7 97.1

115 35.3 28.4 42.6



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 0.177 ppbv

RT: 21.91 min Scan# 5948

Delta R.T. 0.02 min

Lab File: VL037481.D

Acq: 17 Aug 2021 3:49

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:180 Resp: 35062

Ion Ratio Lower Upper

180 100

182 170.2 79.6 119.4#

184 0.0 25.4 38.2#

