

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081821\
 Data File : VL037490.D
 Acq On : 18 Aug 2021 14:13
 Operator : SY/AP
 Sample : M2940-15 0.4 LOD
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 19 01:41:20 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	5.66	49	1365370	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4043098	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3478283	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2554169	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

Target Compounds

					Ovalue
3) Chlorodifluoromethane	2.98	51	121443	0.464	ppbv 97
4) Chloromethane	3.14	50	29792	0.319	ppbv 97
5) Vinyl Chloride	3.25	62	39978	0.418	ppbv # 88
6) Bromomethane	3.47	94	17385	0.332	ppbv 83
7) Chloroethane	3.55	64	14063	0.430	ppbv # 67
8) Dichlorotetrafluoroethane	3.18	85	99096	0.438	ppbv 91
9) Propene	3.31	41	3312	0.035	ppbv 90
10) Heptane	8.11	43	48473	0.225	ppbv # 47
11) Trichlorofluoromethane	3.94	101	87850	0.427	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	61841	0.410	ppbv 91
13) Ethanol	3.61	45	857	0.094	ppbv # 39
14) Bromoethene	3.73	108	18732	0.273	ppbv # 35
16) 1,3-Butadiene	3.32	39	16840	0.189	ppbv # 10
18) 1,1-Dichloroethene	4.28	96	25620	0.374	ppbv # 79
20) Methylene Chloride	4.34	84	23243	0.334	ppbv # 89
21) Allyl Chloride	4.40	41	25906	0.230	ppbv # 19
22) trans-1,2-Dichloroethene	4.88	96	24284	0.355	ppbv # 76
23) Vinyl Acetate	5.08	43	41831	0.204	ppbv 97
24) 1,1-Dichloroethane	5.00	63	41156	0.277	ppbv # 97
25) Ethyl Acetate	5.68	43	128450	0.364	ppbv # 95
26) Hexane	5.67	57	61446	0.356	ppbv # 80
27) Carbon Disulfide	4.55	76	56163	0.365	ppbv # 92
28) Methyl tert-Butyl Ether	5.04	73	32911	0.199	ppbv # 41
29) Chloroform	5.74	83	106078	0.434	ppbv 99
30) Cyclohexane	7.12	84	30173	0.210	ppbv # 1
31) cis-1,2-Dichloroethene	5.54	61	32511	0.208	ppbv 95
32) 1,1,1-Trichloroethane	6.51	97	36642	0.153	ppbv # 22
35) Carbon Tetrachloride	7.01	117	95184	0.398	ppbv # 84
36) Benzene	6.88	78	130434	0.384	ppbv 94
37) 1,2-Dichloroethane	6.29	62	60028	0.357	ppbv # 92
38) Trichloroethene	7.82	130	24002	0.172	ppbv 91
39) 1,2-Dichloropropane	7.60	63	27910	0.214	ppbv 98
42) Bromodichloromethane	7.78	83	53038	0.215	ppbv 97
43) Methyl Methacrylate	8.01	69	16773	0.142	ppbv # 1
44) 2,2,4-Trimethylpentane	7.86	57	120301	0.210	ppbv # 41
45) t-1,3-Dichloropropene	9.26	75	5641	0.063	ppbv 91
46) cis-1,3-Dichloropropene	8.68	75	10779	0.087	ppbv 90
47) 1,1,2-Trichloroethane	9.47	97	56701	0.402	ppbv 91
48) Dibromochloromethane	10.29	129	30326	0.149	ppbv # 9
49) Bromoform	13.02	173	16292	0.102	ppbv # 1
51) 2-Hexanone	10.16	43	14114	0.142	ppbv # 29

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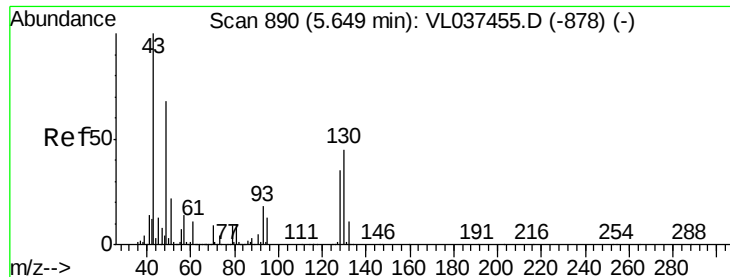
Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 19 01:41:20 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
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 Response via : Initial Calibration

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

52) Tetrachloroethene	11.21	164	17817	0.128	ppbv #	42
53) Toluene	9.79	91	67658	0.174	ppbv #	30
54) 1,2-Dibromoethane	10.59	107	38348	0.195	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	49795	0.344	ppbv #	50
57) Chlorobenzene	12.13	112	58533	0.203	ppbv #	93
58) Ethyl Benzene	12.69	91	156657	0.325	ppbv	99
59) m/p-Xylene	12.98	91	158732	0.379	ppbv #	31
60) o-Xylene	13.67	91	152373	0.390	ppbv	99
61) Styrene	13.52	104	29678	0.146	ppbv #	27
62) Isopropylbenzene	14.66	105	80776	0.147	ppbv #	17
63) 1,1,2,2-Tetrachloroethane	13.66	83	17471	0.060	ppbv #	8
64) n-propylbenzene	15.55	120	19752	0.141	ppbv #	1
65) tert-Butylbenzene	16.73	119	88485	0.176	ppbv #	1
66) Benzyl Chloride	16.98	91	3209	0.141	ppbv #	63
67) sec-Butylbenzene	17.28	105	266494	0.380	ppbv	99
69) p-Isopropyltoluene	17.64	119	103853	0.182	ppbv #	48
70) n-Butylbenzene	18.53	91	179631	0.329	ppbv	99
71) 2-Chlorotoluene	15.43	91	151649	0.375	ppbv	98
72) 4-Ethyltoluene	15.82	105	112405	0.242	ppbv #	80
73) 1,3,5-Trimethylbenzene	15.98	105	142890	0.330	ppbv #	82
74) 1,2,4-Trimethylbenzene	16.74	105	76574	0.167	ppbv	90
75) 1,3-Dichlorobenzene	16.98	146	84007	0.304	ppbv #	61
76) 1,4-Dichlorobenzene	17.12	146	72567	0.260	ppbv #	54
77) 1,2-Dichlorobenzene	17.80	146	63233	0.232	ppbv #	38
78) Hexachloro-1,3-Butadiene	23.36	225	28546	0.126	ppbv #	17
79) Naphthalene	22.17	128	15765	0.051	ppbv #	70
80) Naphthalene,2-methyl-	24.98	142	4243	0.050	ppbv #	89
81) 1,2,4-Trichlorobenzene	21.91	180	24277	0.126	ppbv #	1

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.01 min

Lab File: VL037490.D

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Instrument :

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ClientSampleId :

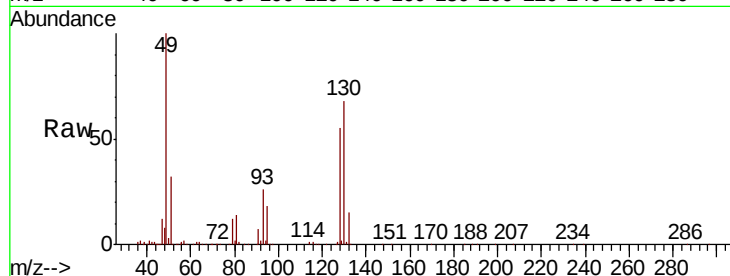
Tot Ion: 49 Resp: 1365370

Ion Ratio Lower Upper

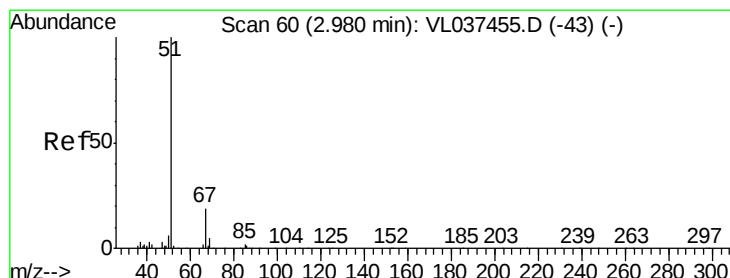
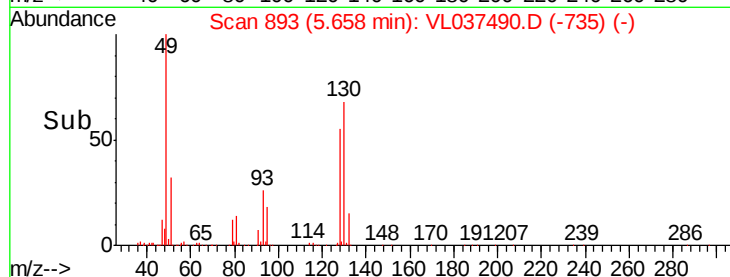
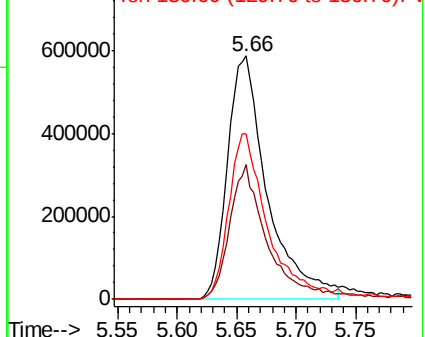
49 100

128 54.7 27.5 82.4

130 70.9 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



#3

Chlorodifluoromethane

Concen: 0.464 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.00 min

Lab File: VL037490.D

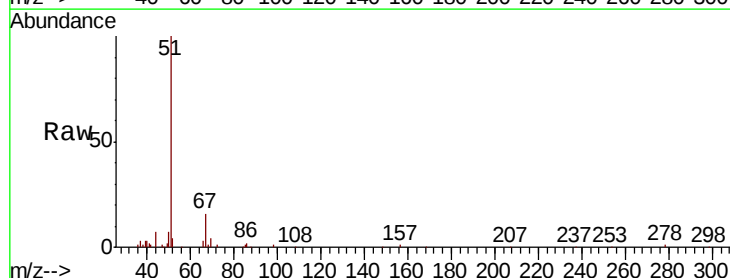
Acq: 18 Aug 2021 14:13

Tgt Ion: 51 Resp: 121443

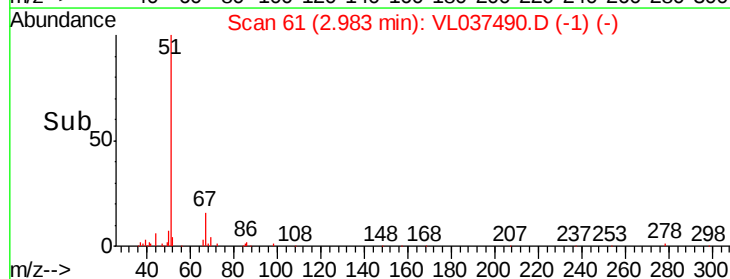
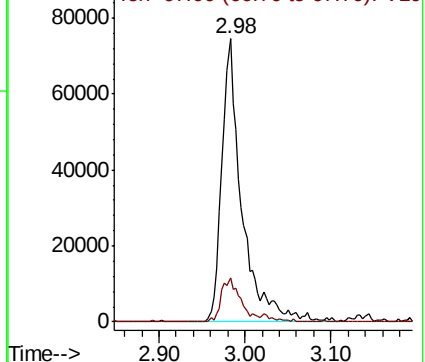
Ion Ratio Lower Upper

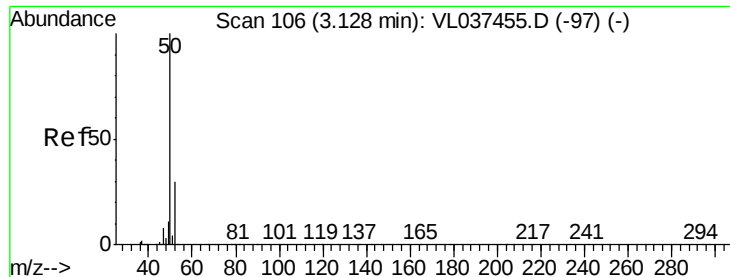
51 100

67 16.5 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: 0.319 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

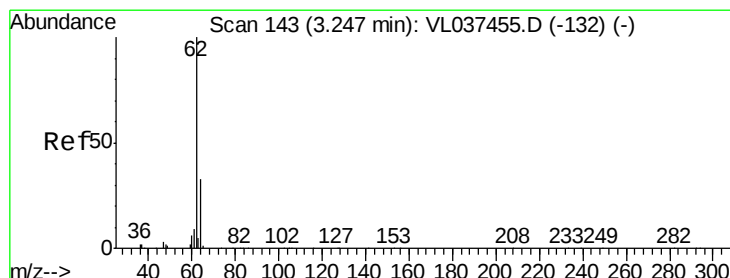
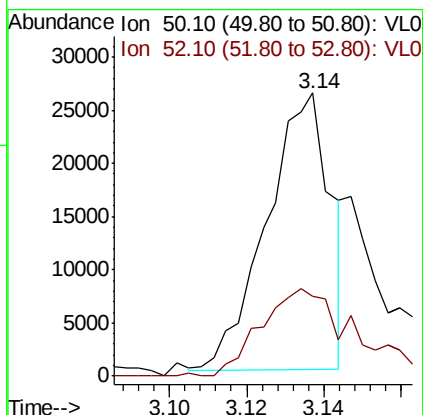
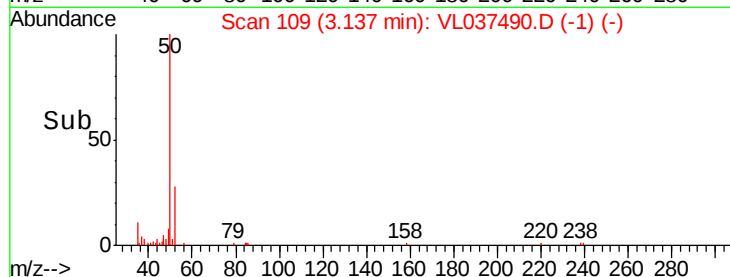
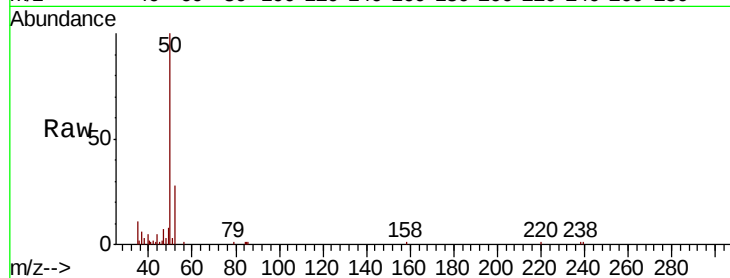
ClientSampleId :

Tot Ion: 50 Resp: 29792

Ion Ratio Lower Upper

50 100

52 28.4 24.0 36.0



#5

Vinyl Chloride

Concen: 0.418 ppbv

RT: 3.25 min Scan# 144

Delta R.T. 0.00 min

Lab File: VL037490.D

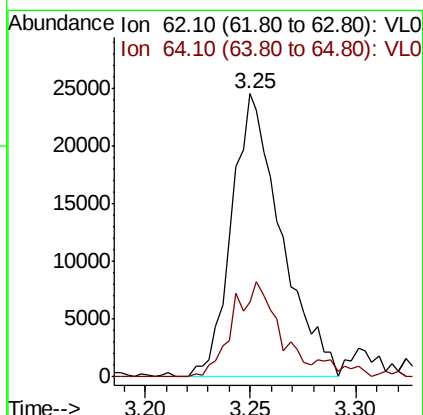
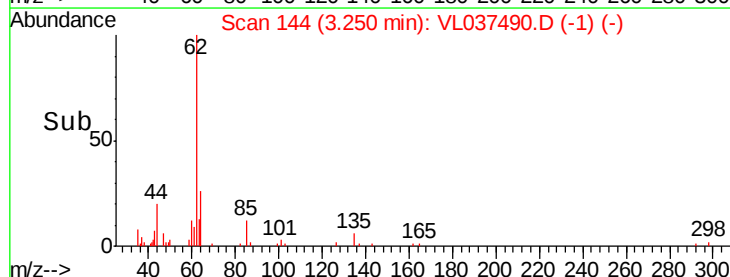
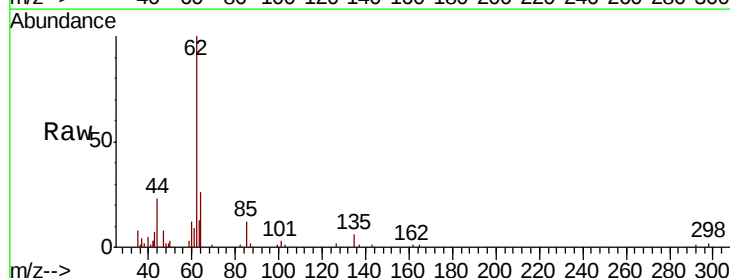
Acq: 18 Aug 2021 14:13

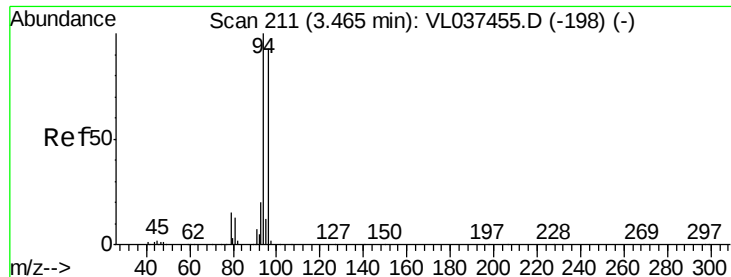
Tgt Ion: 62 Resp: 39978

Ion Ratio Lower Upper

62 100

64 26.3 26.5 39.7#

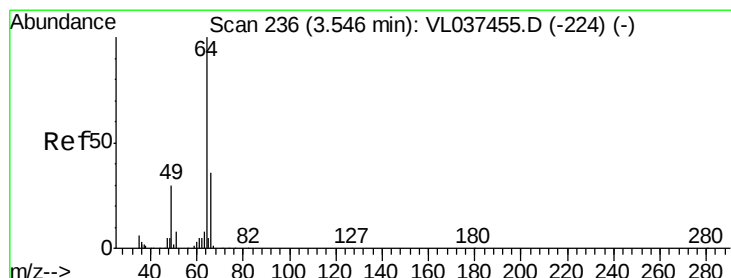
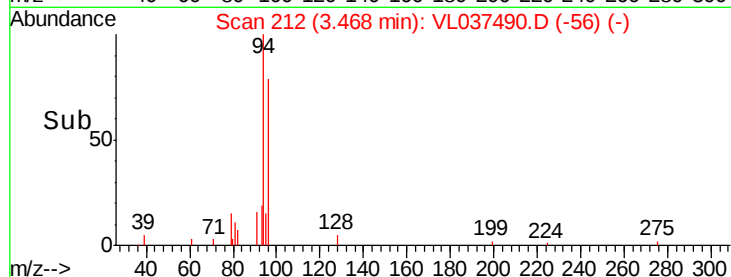
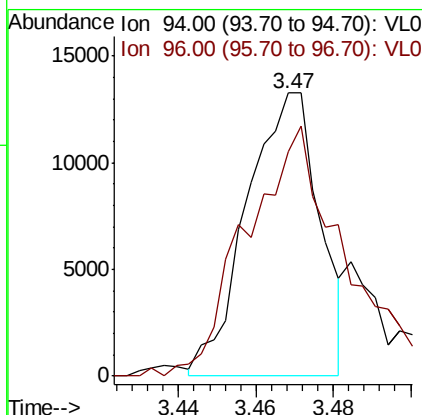
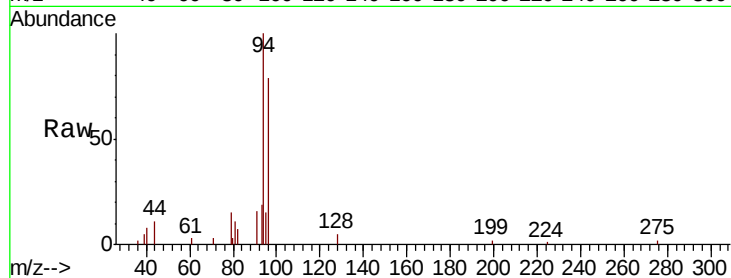




#6
Bromomethane
Concen: 0.332 ppbv
RT: 3.47 min Scan# 212
Delta R.T. 0.00 min
Lab File: VL037490.D
Acq: 18 Aug 2021 14:13

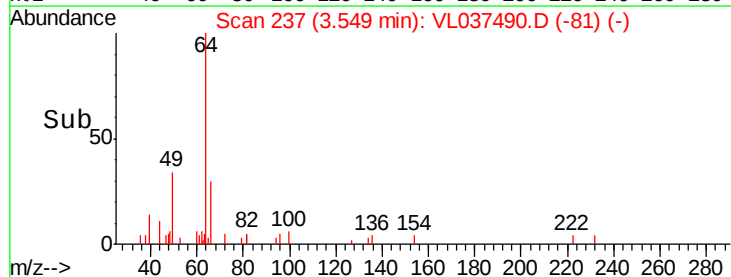
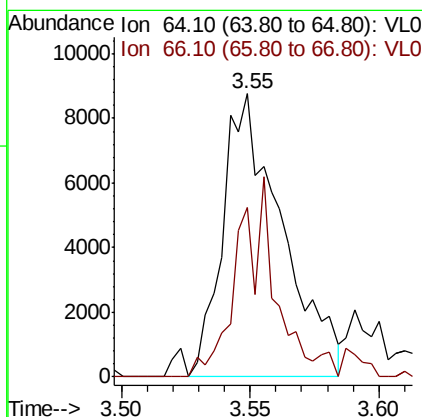
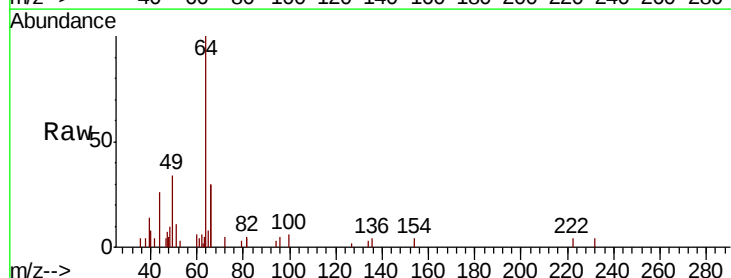
Instrument :
MSVOA_L
ClientSampleId :

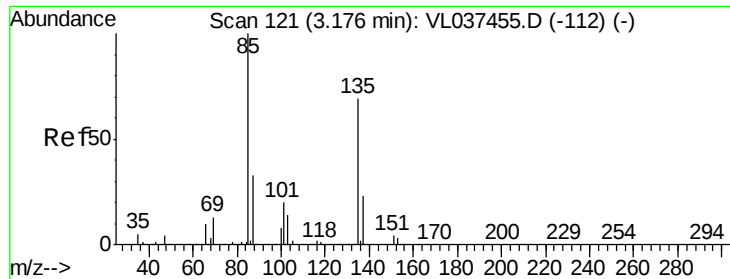
Tot Ion: 94 Resp: 17385
Ion Ratio Lower Upper
94 100
96 77.1 74.5 111.7



#7
Chloroethane
Concen: 0.430 ppbv
RT: 3.55 min Scan# 237
Delta R.T. 0.00 min
Lab File: VL037490.D
Acq: 18 Aug 2021 14:13

Tgt Ion: 64 Resp: 14063
Ion Ratio Lower Upper
64 100
66 55.4 28.6 43.0#





#8

Dichlorotetrafluoroethane

Concen: 0.438 ppbv

RT: 3.18 min Scan# 122

Delta R.T. 0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

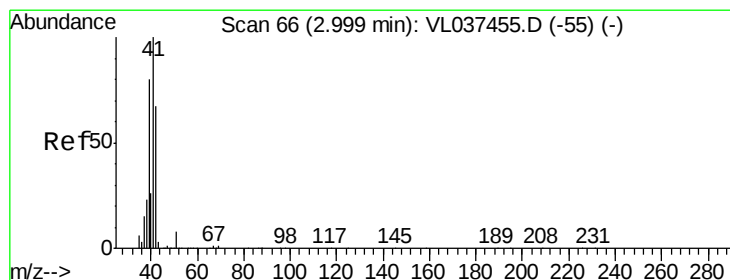
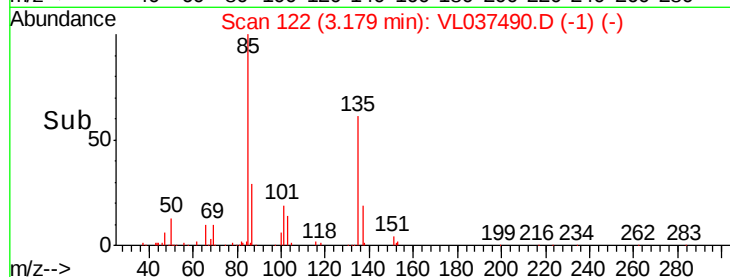
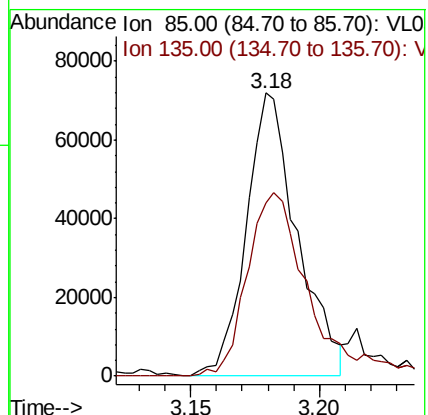
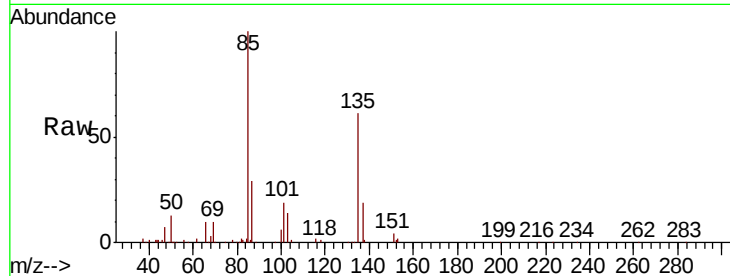
ClientSampleId :

Tot Ion: 85 Resp: 99096

Ion Ratio Lower Upper

85 100

135 81.3 58.8 88.2



#9

Propene

Concen: 0.035 ppbv

RT: 3.31 min Scan# 163

Delta R.T. 0.31 min

Lab File: VL037490.D

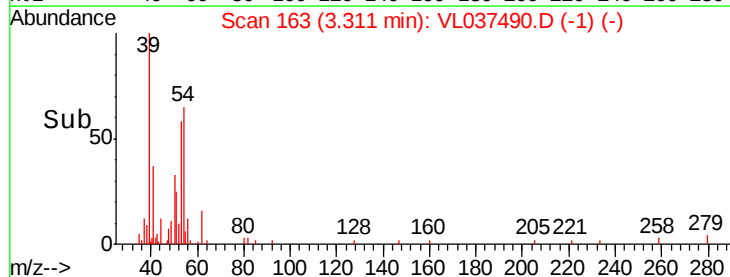
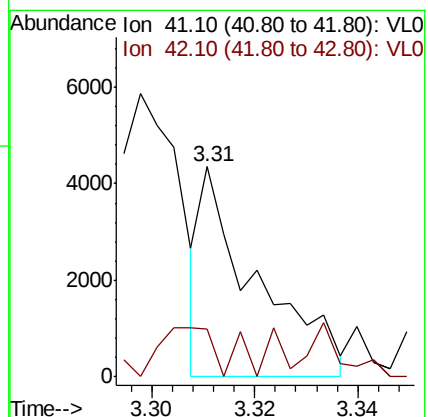
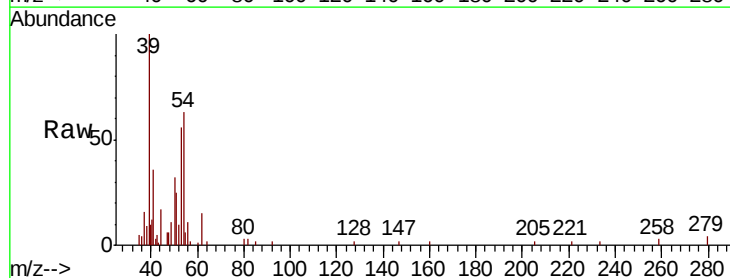
Acq: 18 Aug 2021 14:13

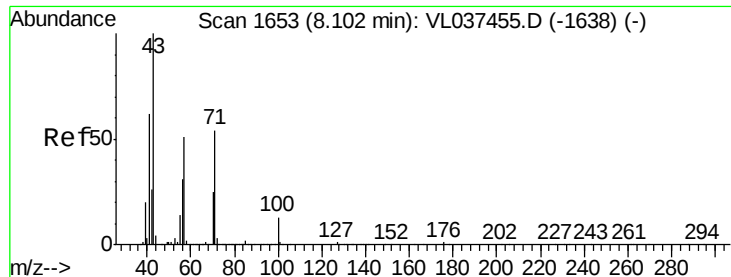
Tgt Ion: 41 Resp: 3312

Ion Ratio Lower Upper

41 100

42 59.1 53.7 80.5

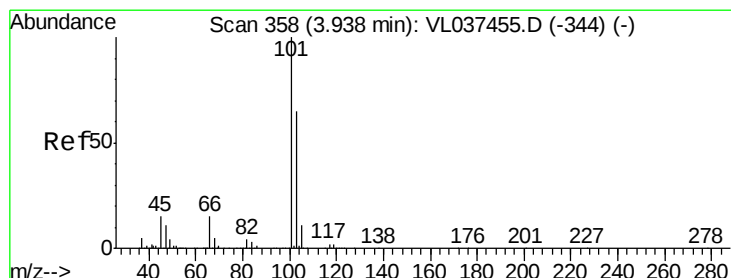
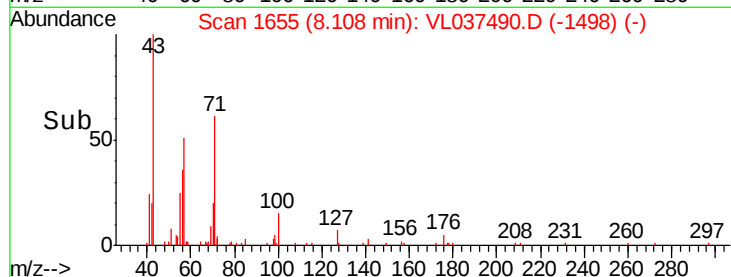
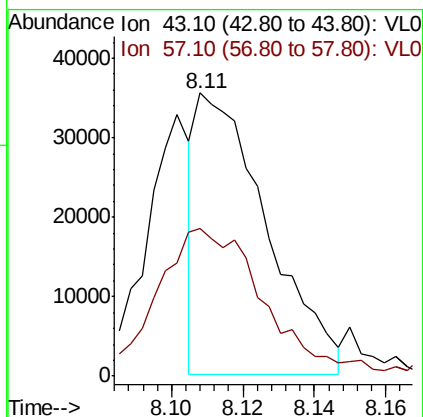
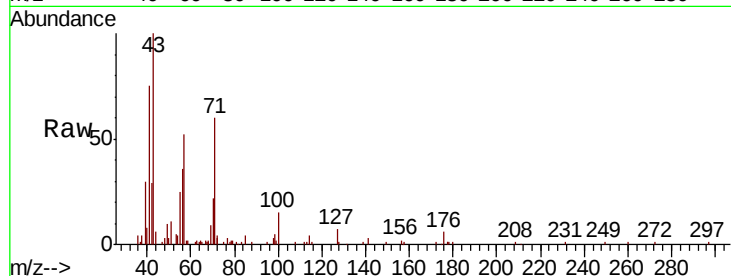




#10
 Heptane
 Concen: 0.225 ppbv
 RT: 8.11 min Scan# 1655
 Delta R.T. 0.01 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

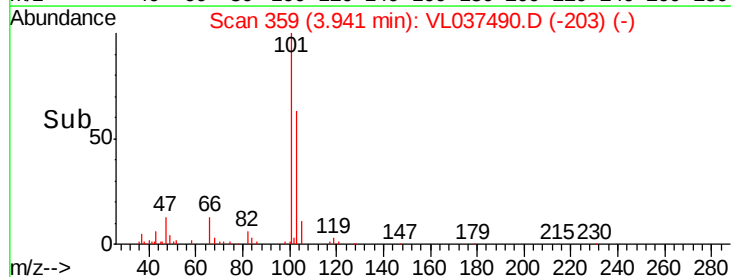
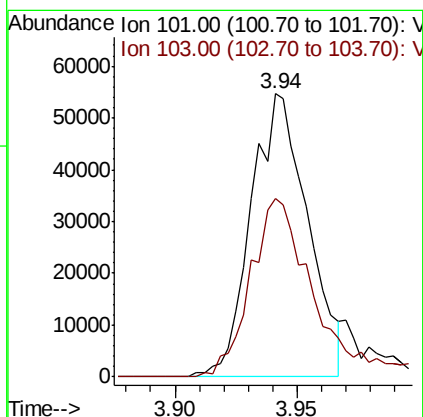
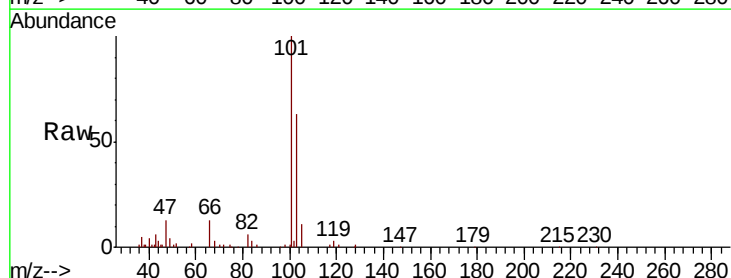
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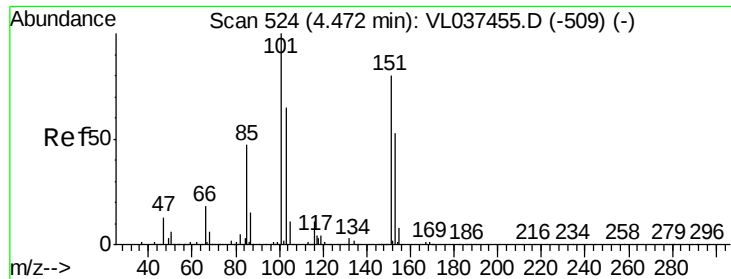
Tot Ion: 43 Resp: 48473
 Ion Ratio Lower Upper
 43 100
 57 88.0 41.0 61.6#



#11
 Trichlorofluoromethane
 Concen: 0.427 ppbv
 RT: 3.94 min Scan# 359
 Delta R.T. 0.00 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

Tgt Ion: 101 Resp: 87850
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.8 77.6





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.410 ppbv

RT: 4.48 min Scan# 526

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

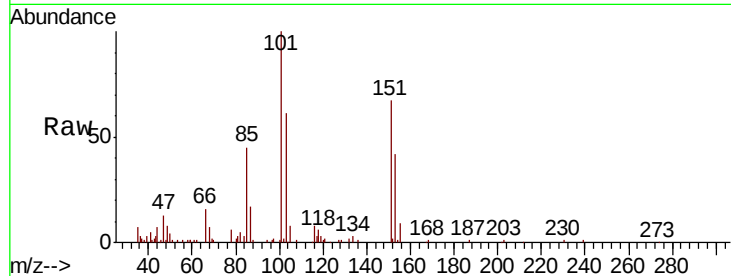
ClientSampled :

Tot Ion:101 Resp: 61841

Ion Ratio Lower Upper

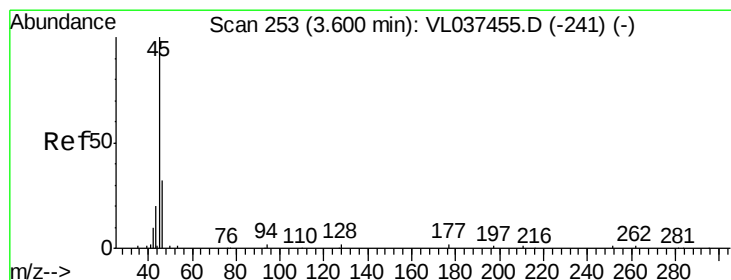
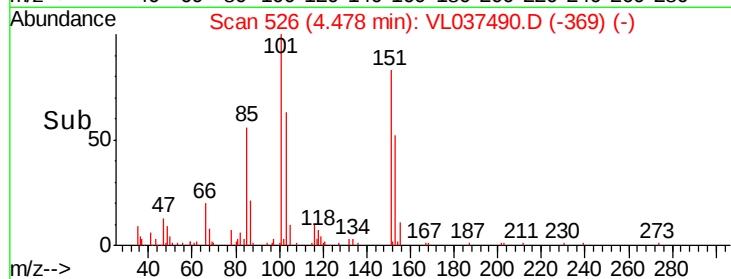
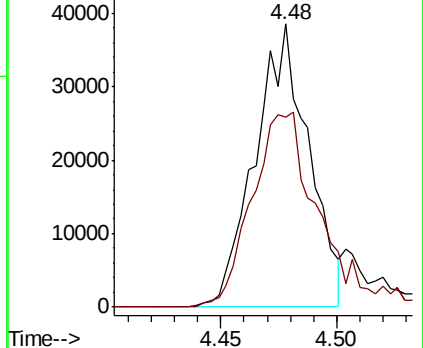
101 100

151 87.7 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: 0.094 ppbv

RT: 3.61 min Scan# 255

Delta R.T. 0.01 min

Lab File: VL037490.D

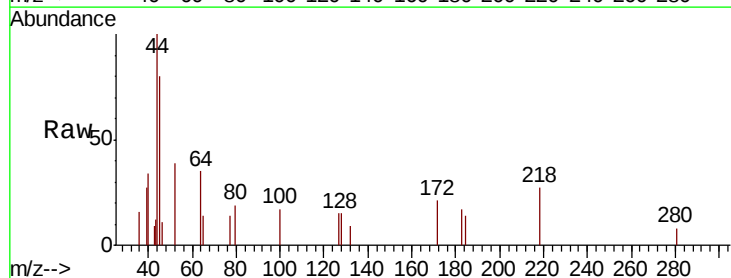
Acq: 18 Aug 2021 14:13

Tgt Ion: 45 Resp: 857

Ion Ratio Lower Upper

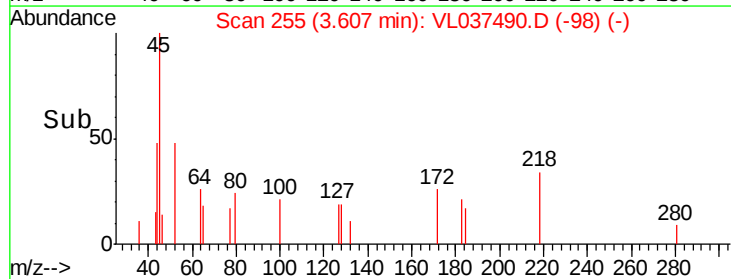
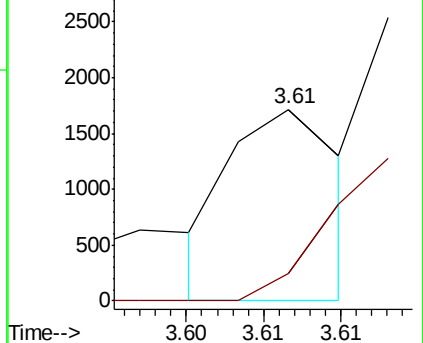
45 100

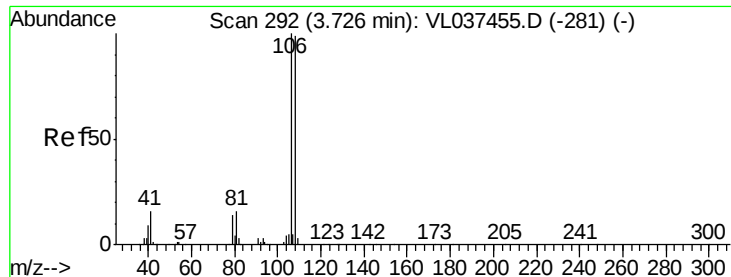
46 0.0 14.1 56.5#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#14

Bromoethene

Concen: 0.273 ppbv

RT: 3.73 min Scan# 293

Delta R.T. 0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

ClientSampleId :

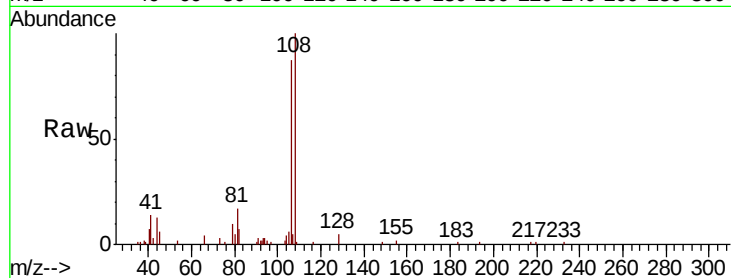
Tot Ion:108 Resp: 18732

Ion Ratio Lower Upper

108 100

106 179.9 85.8 128.8#

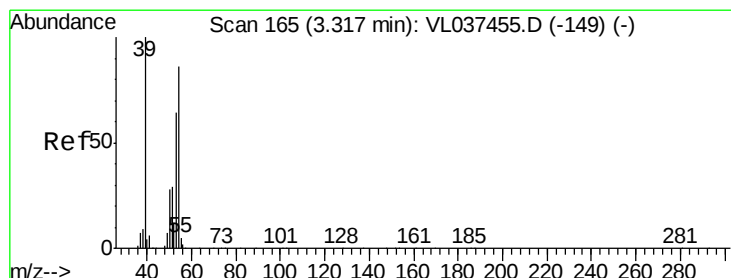
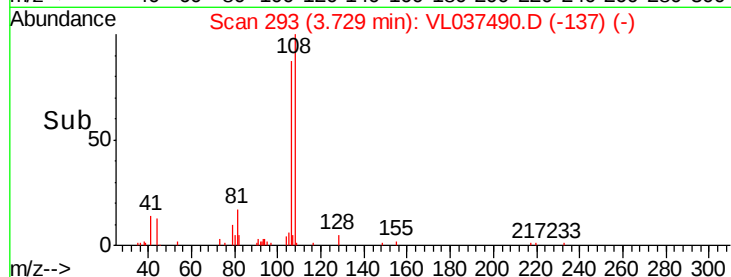
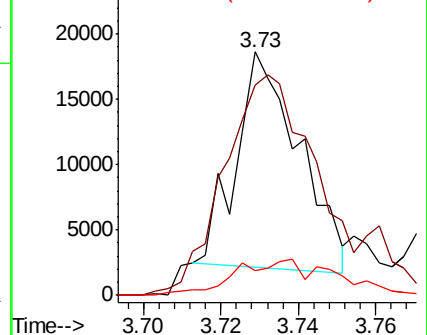
79 28.4 12.6 18.8#



Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VLO



#16

1,3-Butadiene

Concen: 0.189 ppbv

RT: 3.32 min Scan# 167

Delta R.T. 0.01 min

Lab File: VL037490.D

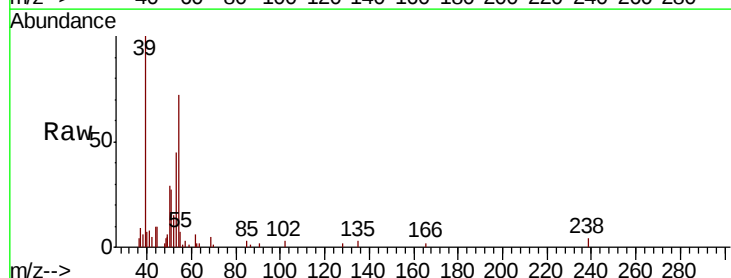
Acq: 18 Aug 2021 14:13

Tgt Ion: 39 Resp: 16840

Ion Ratio Lower Upper

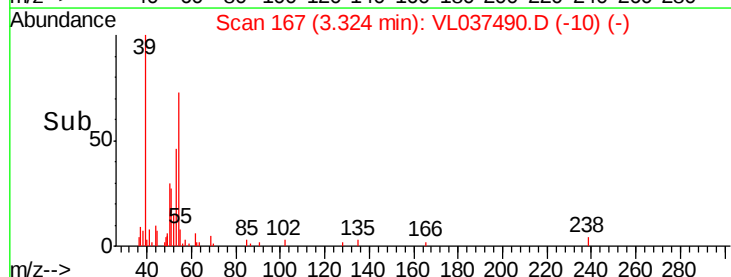
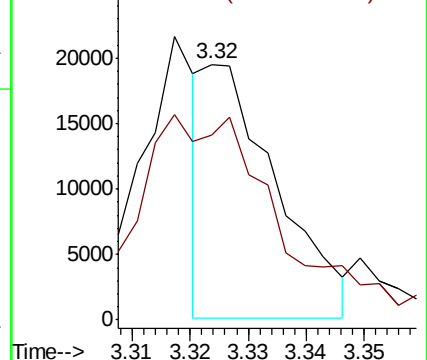
39 100

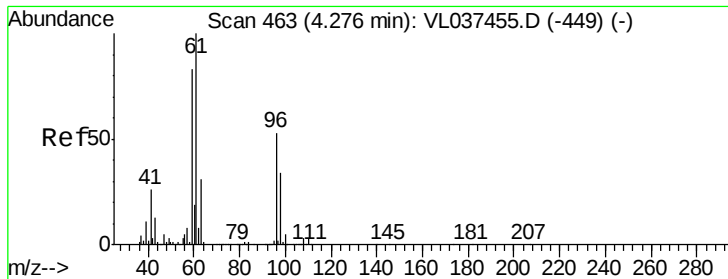
54 0.0 63.7 95.5#



Abundance Ion 39.10 (38.80 to 39.80): VLO

Ion 54.10 (53.80 to 54.80): VLO





#18

1,1-Dichloroethene

Concen: 0.374 ppbv

RT: 4.28 min Scan# 464

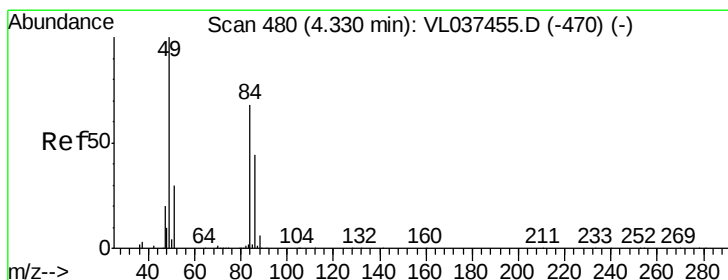
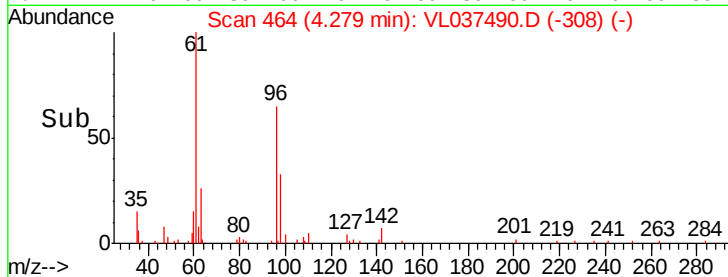
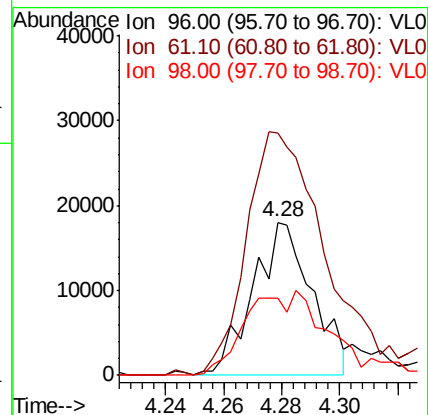
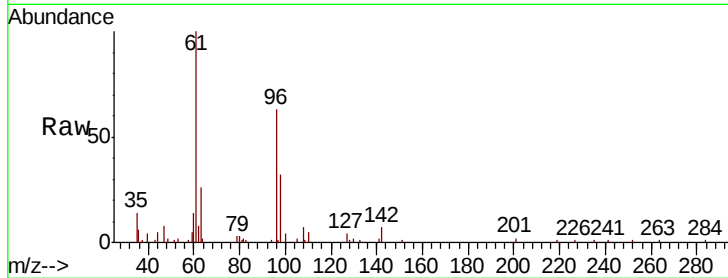
Delta R.T. 0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	96	Resp:	25620
Ion	Ratio	Lower	Upper
96	100		
61	158.0	151.1	226.7
98	49.7	51.8	77.8#



#20

Methylene Chloride

Concen: 0.334 ppbv

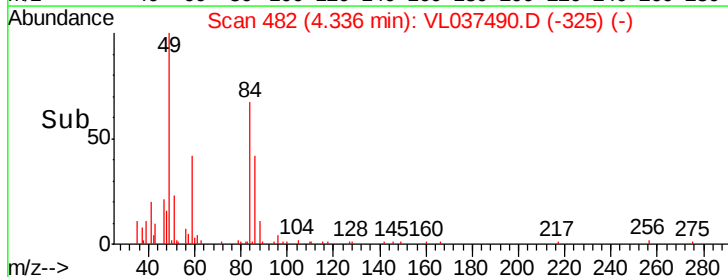
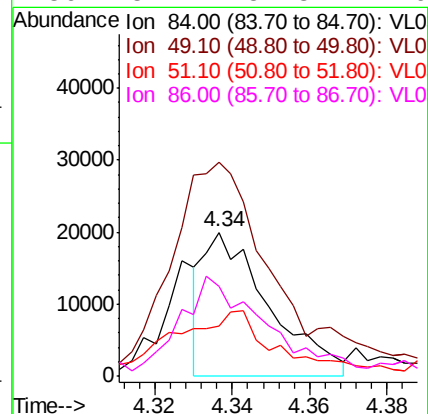
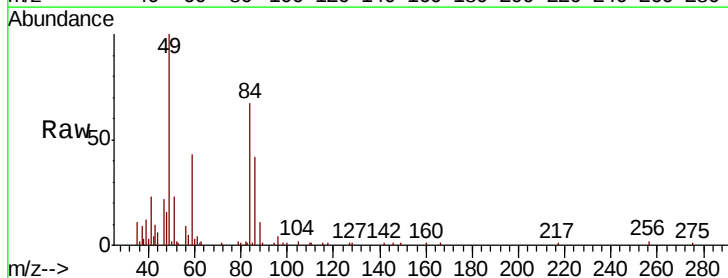
RT: 4.34 min Scan# 482

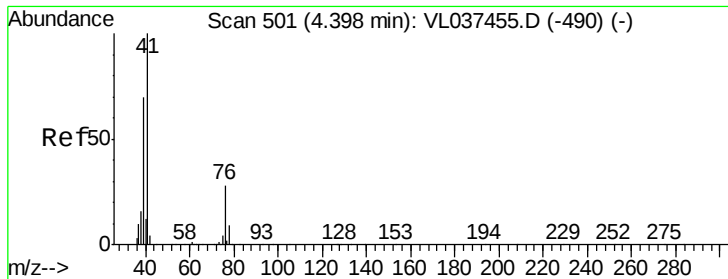
Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Tgt Ion:	84	Resp:	23243
Ion	Ratio	Lower	Upper
84	100		
49	141.0	118.2	177.2
51	25.5	36.6	55.0#
86	57.7	51.8	77.6





#21

Allvl Chloride

Concen: 0.230 ppbv

RT: 4.40 min Scan# 502

Delta R.T. 0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

ClientSampled :

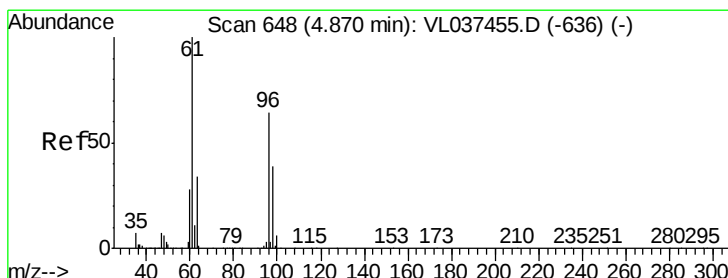
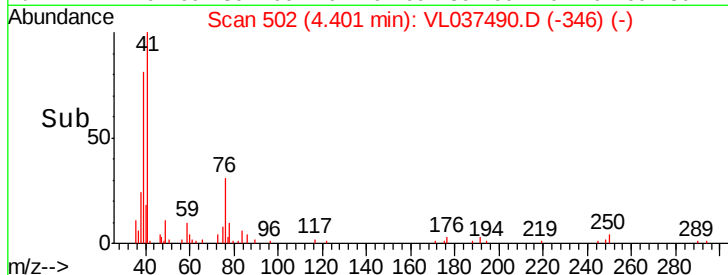
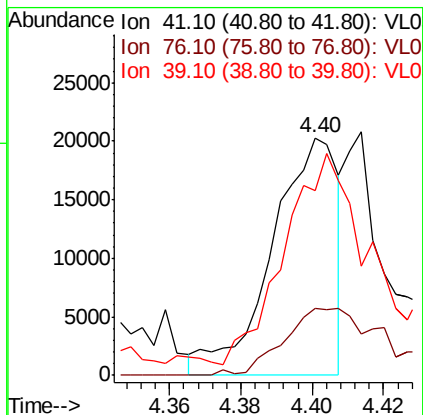
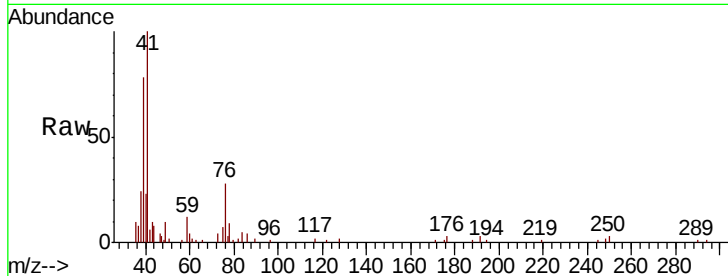
Tot Ion: 41 Resp: 25906

Ion Ratio Lower Upper

41 100

76 49.1 21.8 32.6#

39 149.8 56.8 85.2#



#22

trans-1,2-Dichloroethene

Concen: 0.355 ppbv

RT: 4.88 min Scan# 651

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

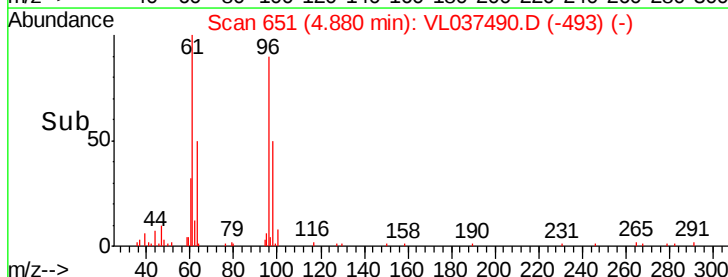
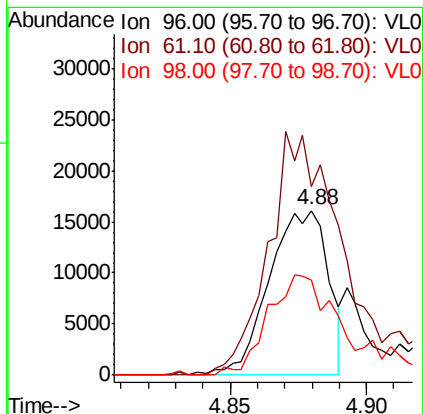
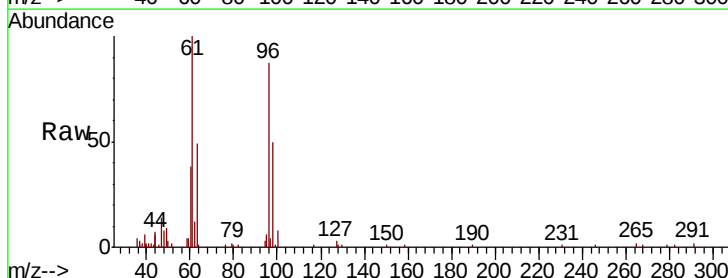
Tgt Ion: 96 Resp: 24284

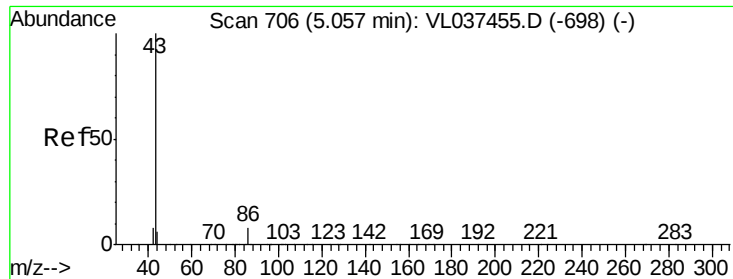
Ion Ratio Lower Upper

96 100

61 114.7 125.5 188.3#

98 57.9 49.0 73.4





#23

Vinyl Acetate

Concen: 0.204 ppbv

RT: 5.08 min Scan# 713

Delta R.T. 0.02 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 41831

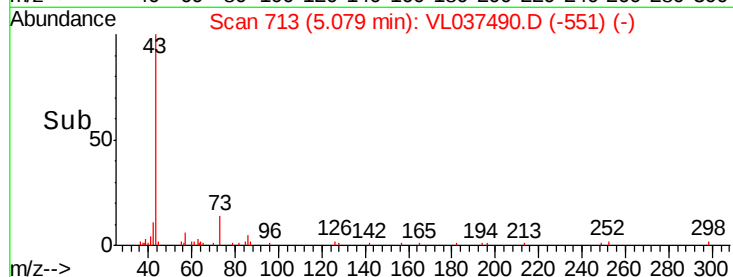
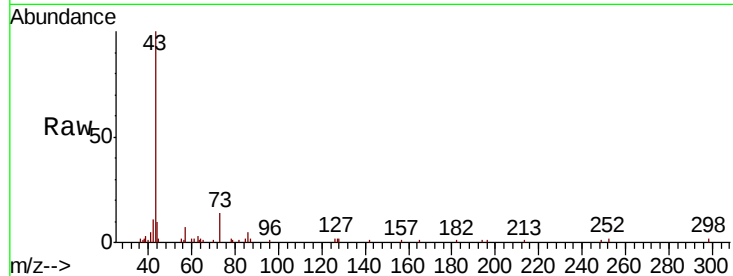
Ion Ratio Lower Upper

43 100

86 5.9 5.7 8.5

42 7.9 7.4 11.2

44 6.0 4.3 6.5

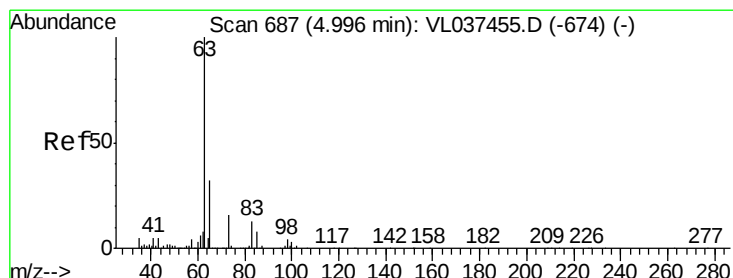
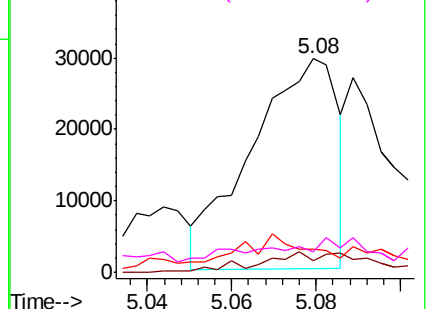


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 0.277 ppbv

RT: 5.00 min Scan# 689

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

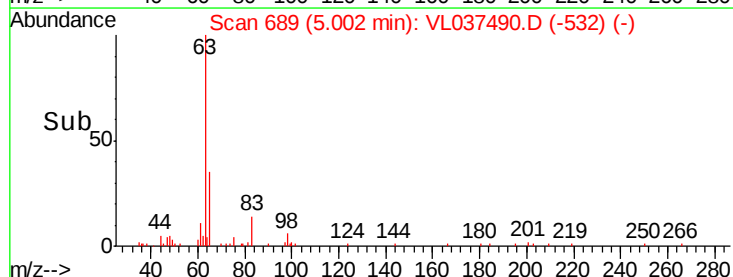
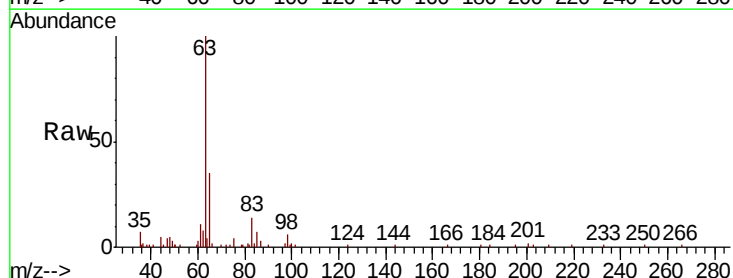
Tgt Ion: 63 Resp: 41156

Ion Ratio Lower Upper

63 100

98 4.5 2.1 6.3

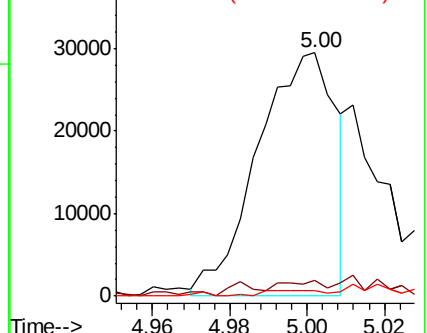
100 1.2 1.6 4.7#

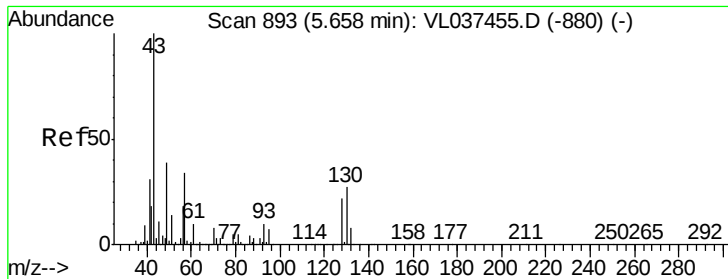


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 0.364 ppbv

RT: 5.68 min Scan# 900

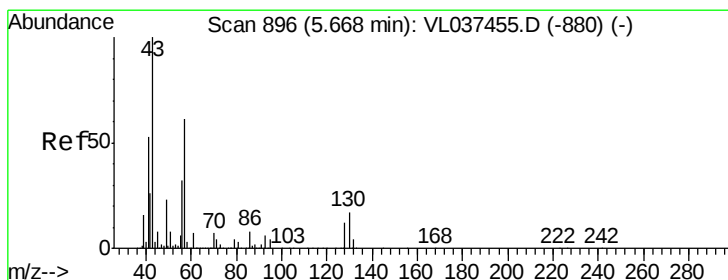
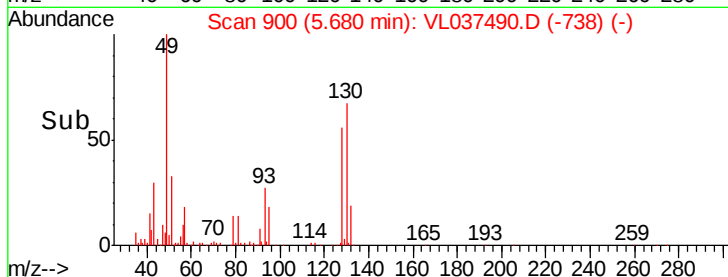
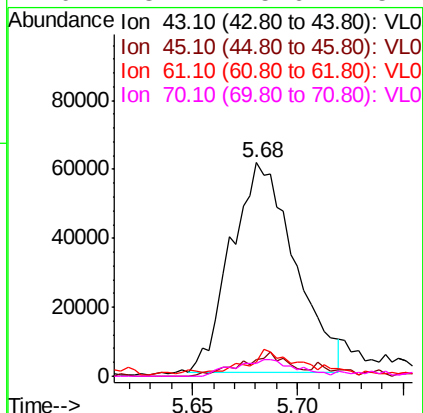
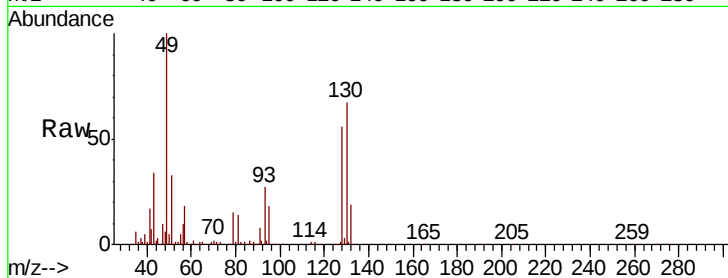
Delta R.T. 0.02 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	43	Resp:	128450
Ion	Ratio	Lower	Upper
43	100		
45	11.6	8.0	12.0
61	12.7	8.0	12.0#
70	8.1	5.6	8.4



#26

Hexane

Concen: 0.356 ppbv

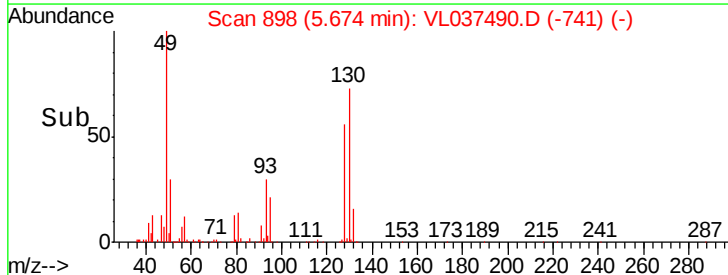
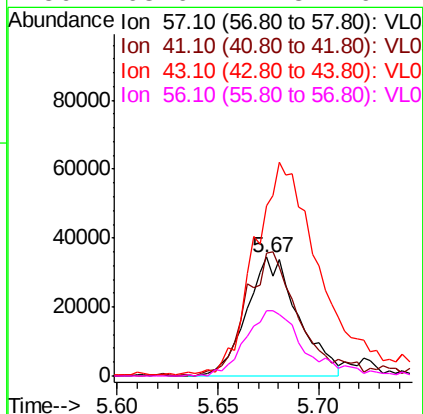
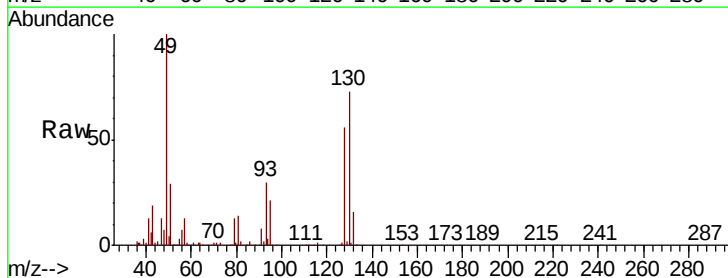
RT: 5.67 min Scan# 898

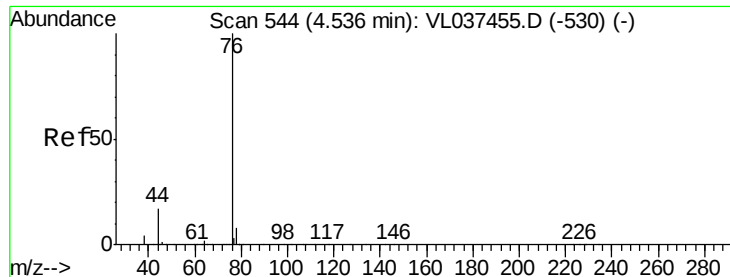
Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Tgt Ion:	57	Resp:	61446
Ion	Ratio	Lower	Upper
57	100		
41	117.9	72.3	108.5#
43	244.2	172.3	258.5
56	63.6	42.8	64.2





#27

Carbon Disulfide

Concen: 0.365 ppbv

RT: 4.55 min Scan# 547

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

ClientSampleId :

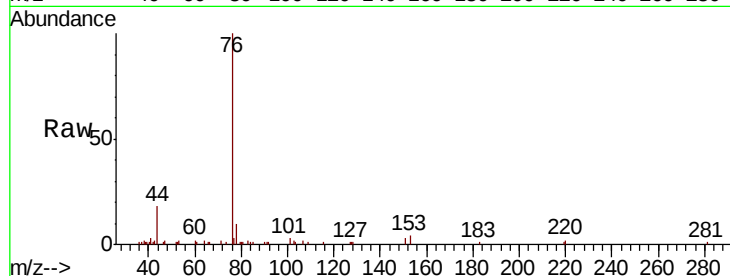
Tot Ion: 76 Resp: 56163

Ion Ratio Lower Upper

76 100

44 22.2 13.9 20.9#

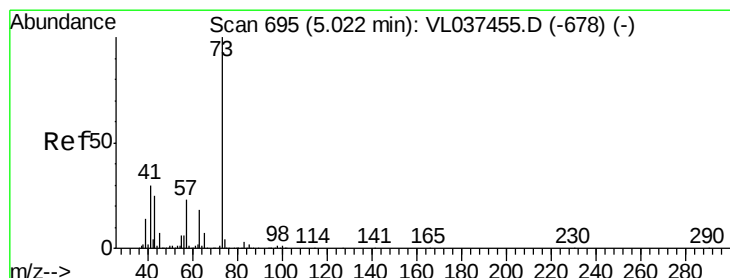
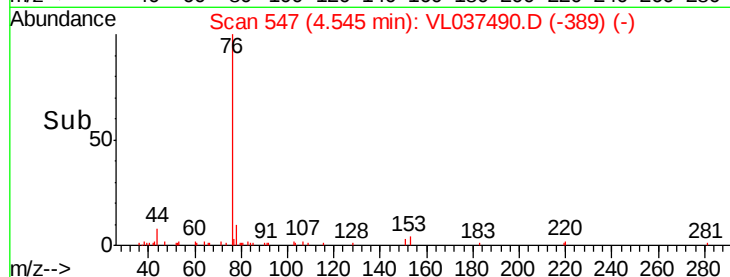
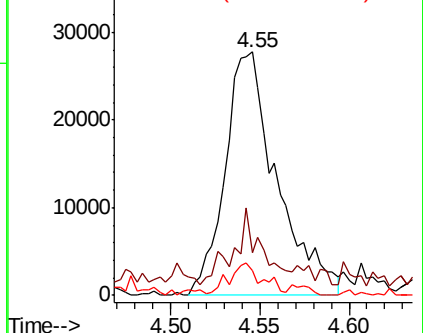
78 11.2 7.9 11.9



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: 0.199 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.02 min

Lab File: VL037490.D

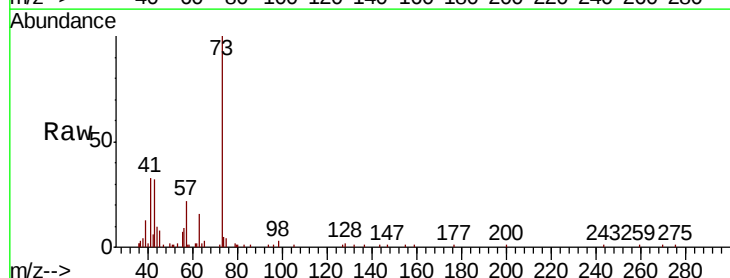
Acq: 18 Aug 2021 14:13

Tgt Ion: 73 Resp: 32911

Ion Ratio Lower Upper

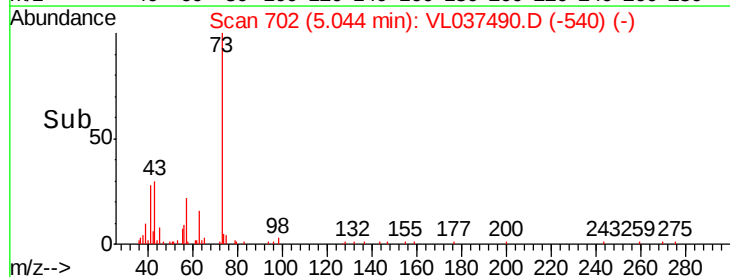
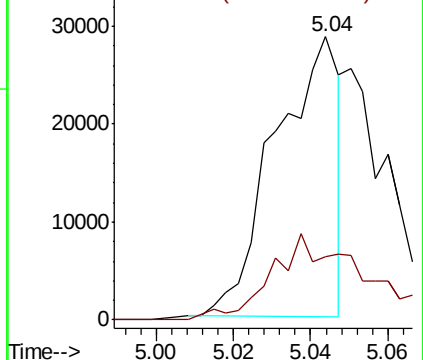
73 100

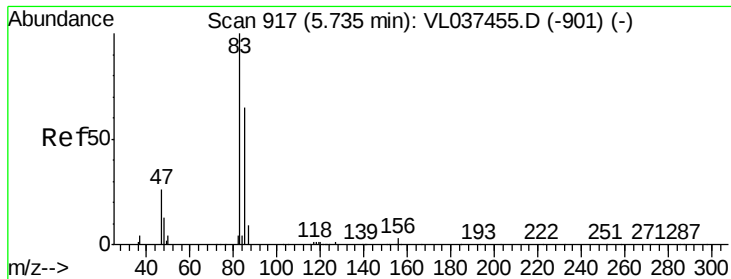
57 53.7 19.4 29.2#



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 0.434 ppbv

RT: 5.74 min Scan# 918

Delta R.T. 0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

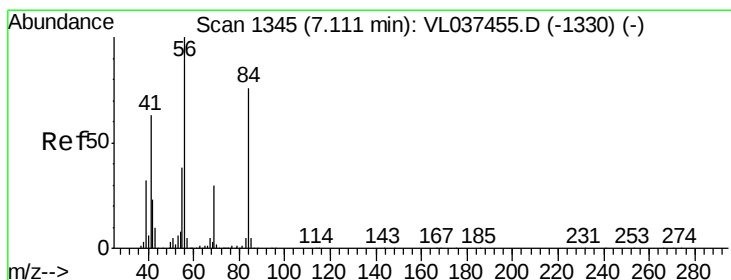
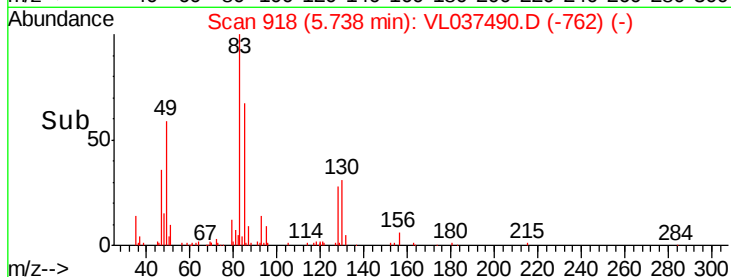
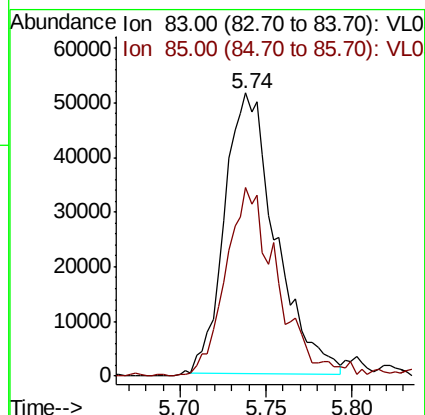
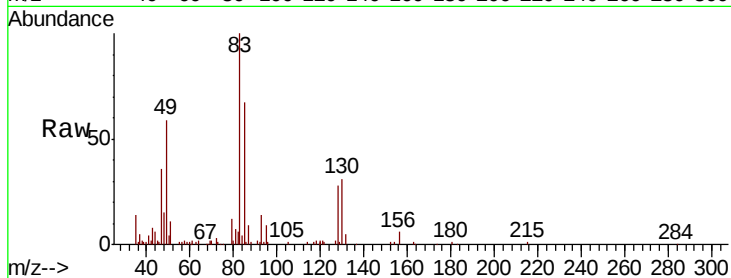
ClientSampleId :

Tot Ion: 83 Resp: 106078

Ion Ratio Lower Upper

83 100

85 66.3 52.3 78.5



#30

Cyclohexane

Concen: 0.210 ppbv

RT: 7.12 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

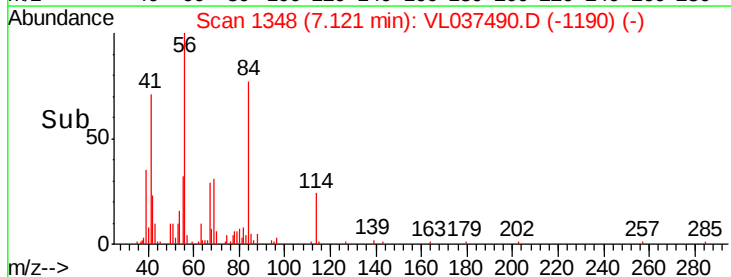
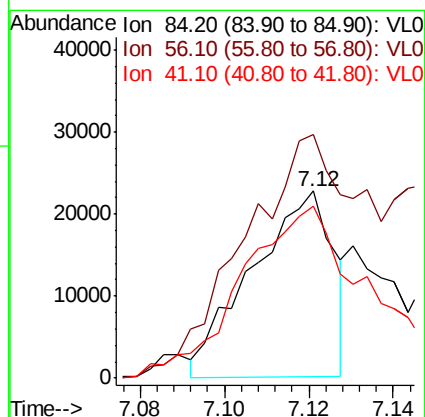
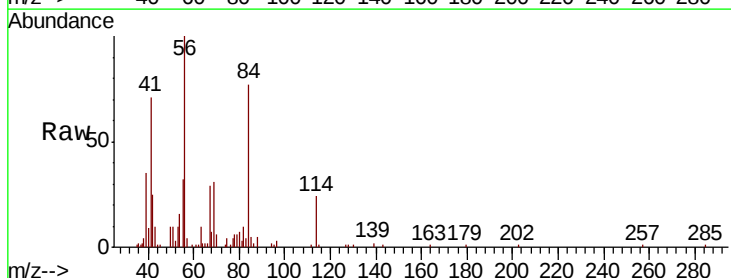
Tgt Ion: 84 Resp: 30173

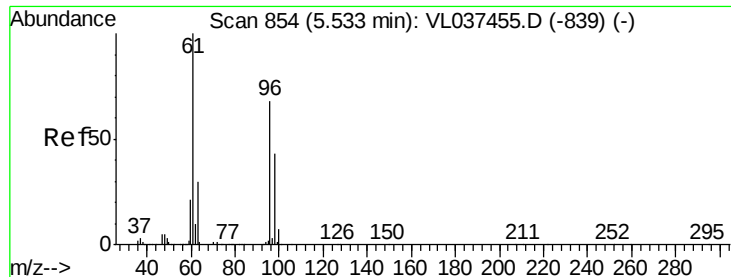
Ion Ratio Lower Upper

84 100

56 0.0 110.6 165.8#

41 157.4 67.0 100.6#



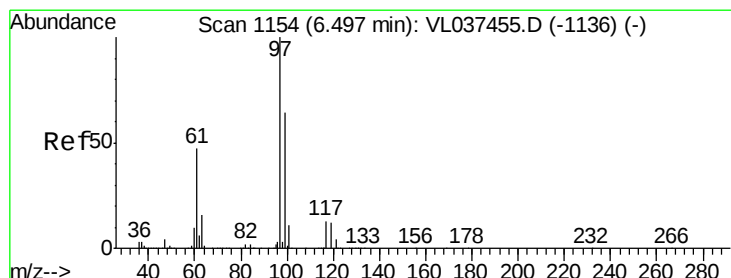
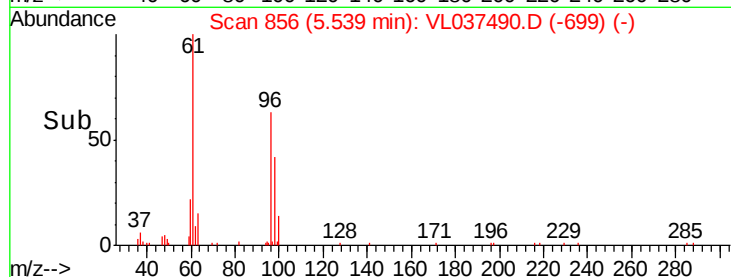
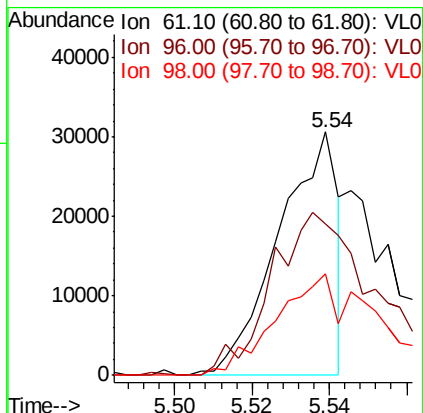
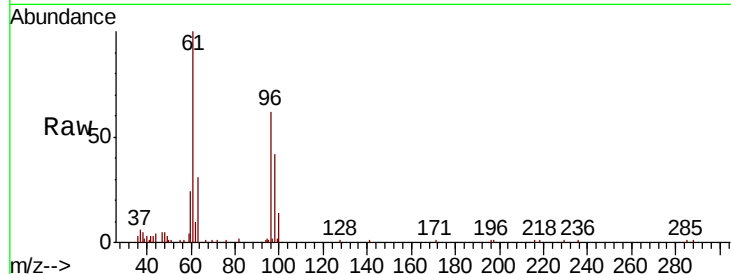


#31

cis-1,2-Dichloroethene
 Concen: 0.208 ppbv
 RT: 5.54 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

Instrument :
 MSVOA_L
 ClientSampleId :

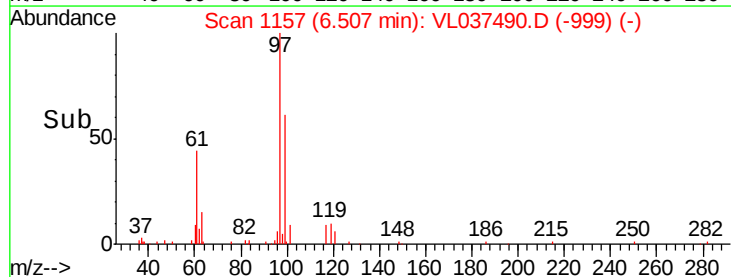
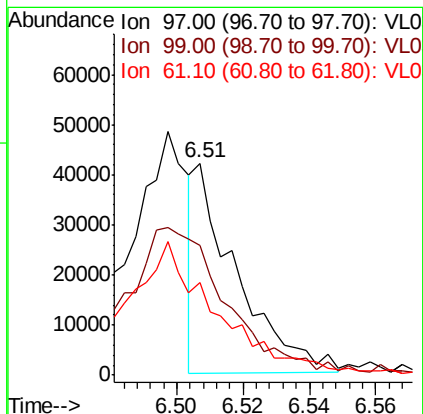
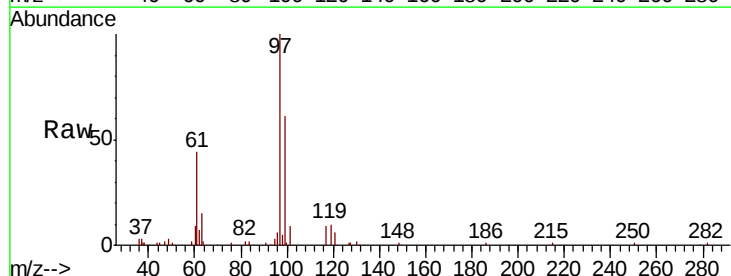
Tot Ion: 61 Resp: 32511
 Ion Ratio Lower Upper
 61 100
 96 62.4 54.8 82.2
 98 41.6 34.2 51.2

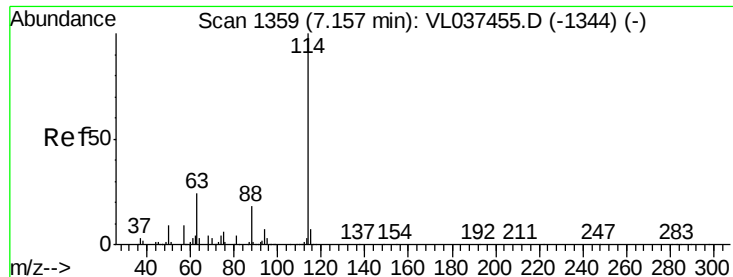


#32

1,1,1-Trichloroethane
 Concen: 0.153 ppbv
 RT: 6.51 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

Tgt Ion: 97 Resp: 36642
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.8 77.6#
 61 0.0 39.6 59.4#

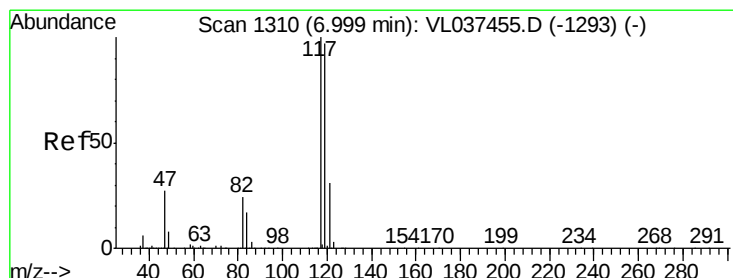
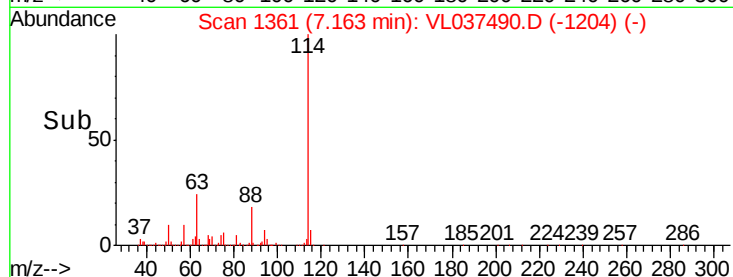
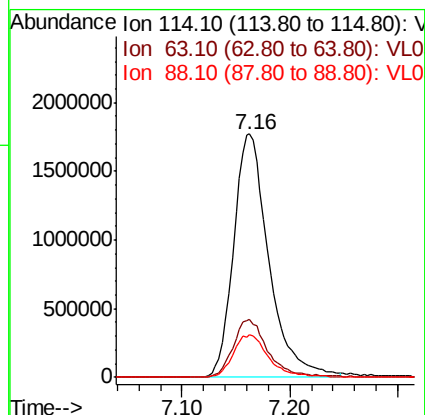
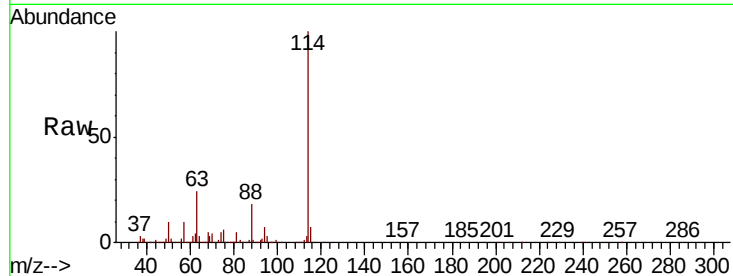




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

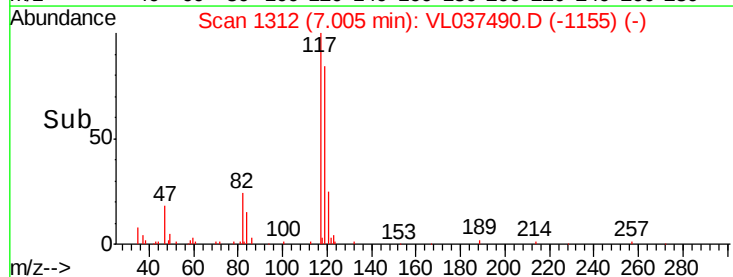
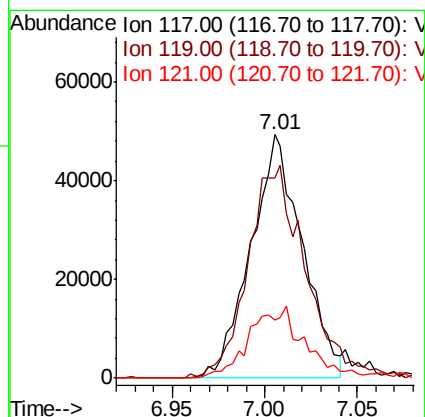
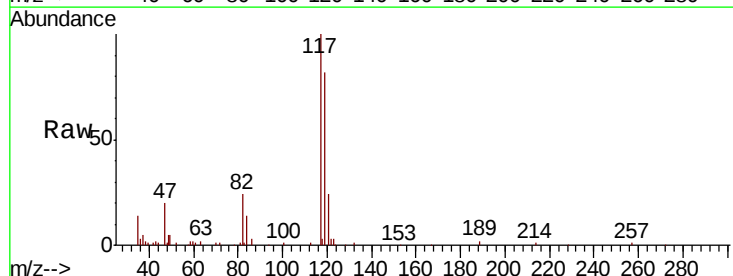
Instrument :
 MSVOA_L
 ClientSampleId :

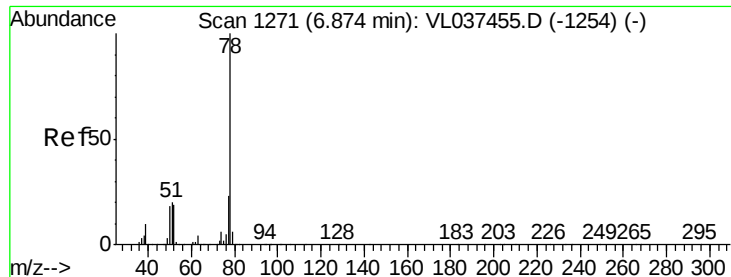
Tot Ion:114 Resp: 4043098
 Ion Ratio Lower Upper
 114 100
 63 23.9 19.3 28.9
 88 18.0 14.2 21.4



#35
 Carbon Tetrachloride
 Concen: 0.398 ppbv
 RT: 7.01 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

Tgt Ion:117 Resp: 95184
 Ion Ratio Lower Upper
 117 100
 119 80.3 77.3 115.9
 121 24.0 25.2 37.8#

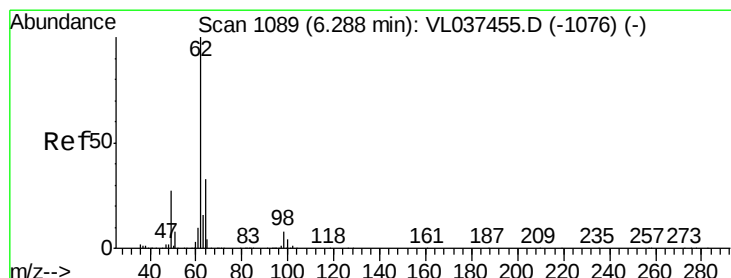
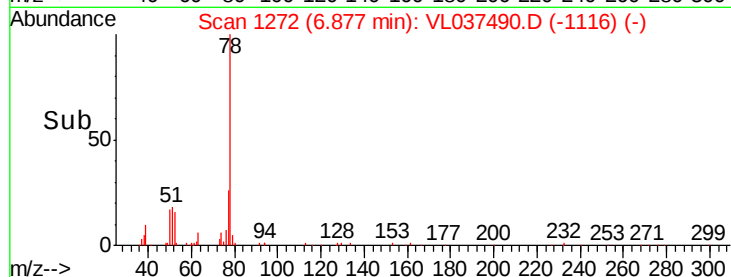
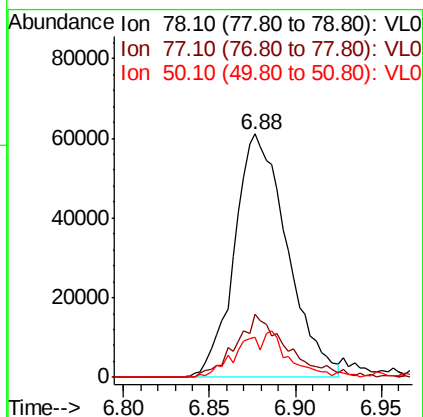
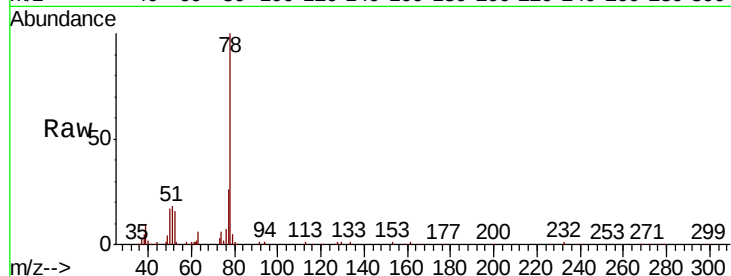




#36
Benzene
Concen: 0.384 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VL037490.D
Acq: 18 Aug 2021 14:13

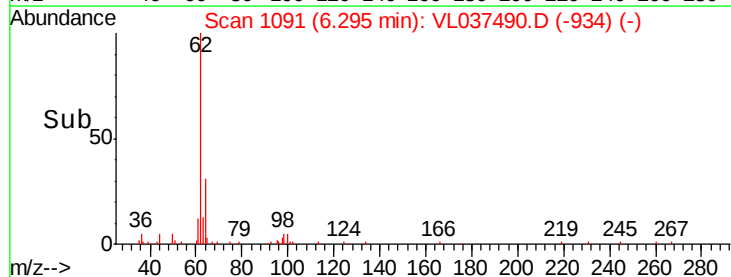
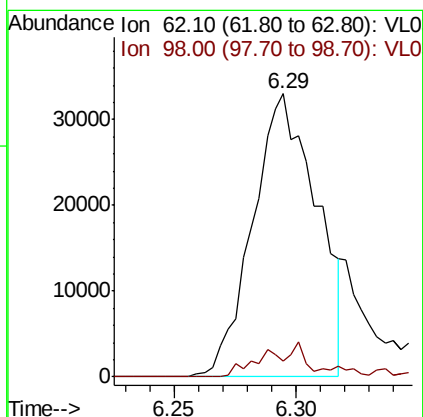
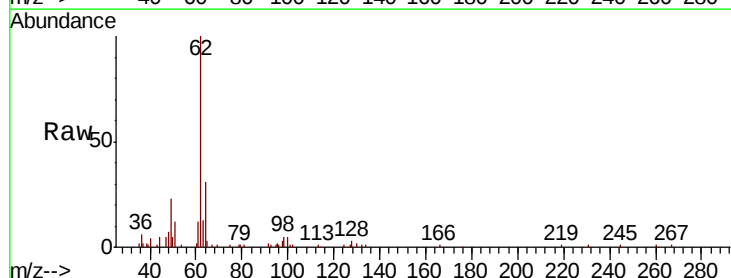
Instrument :
MSVOA_L
ClientSampleId :

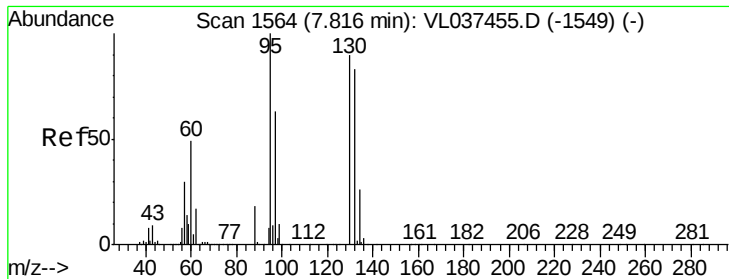
Tot Ion: 78 Resp: 130434
Ion Ratio Lower Upper
78 100
77 25.7 18.2 27.4
50 15.9 14.6 21.8



#37
1,2-Dichloroethane
Concen: 0.357 ppbv
RT: 6.29 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VL037490.D
Acq: 18 Aug 2021 14:13

Tgt Ion: 62 Resp: 60028
Ion Ratio Lower Upper
62 100
98 10.3 6.0 9.0#

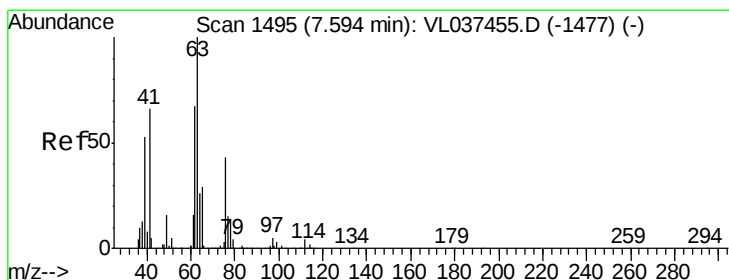
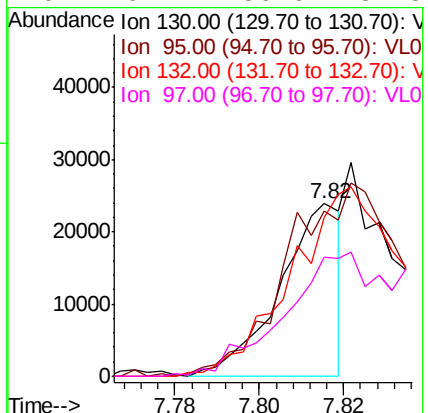
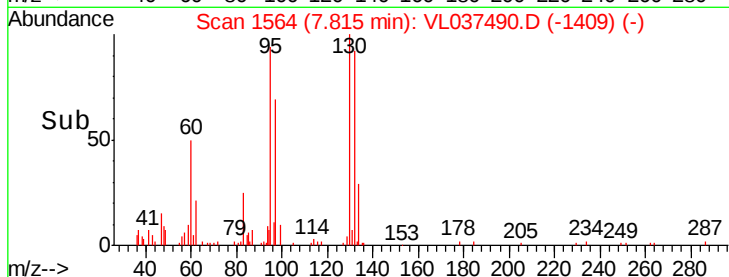
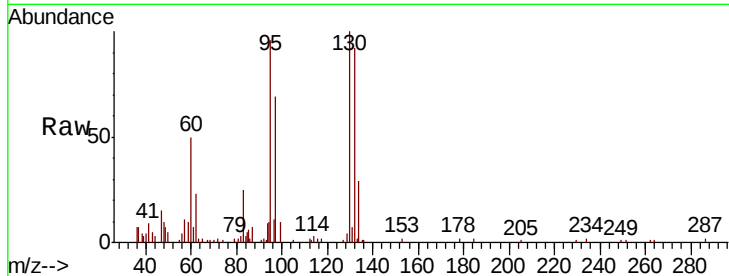




#38
 Trichloroethene
 Concen: 0.172 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

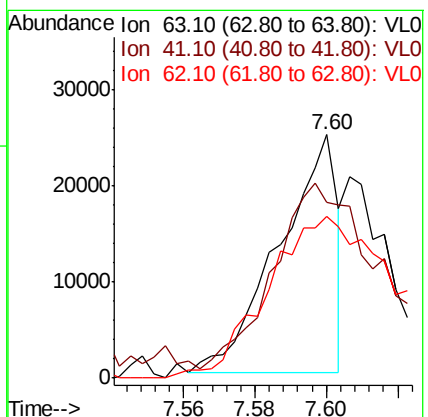
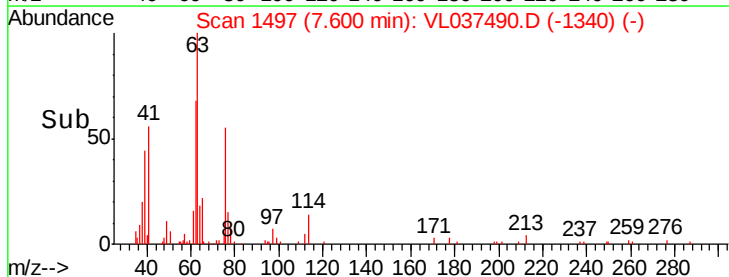
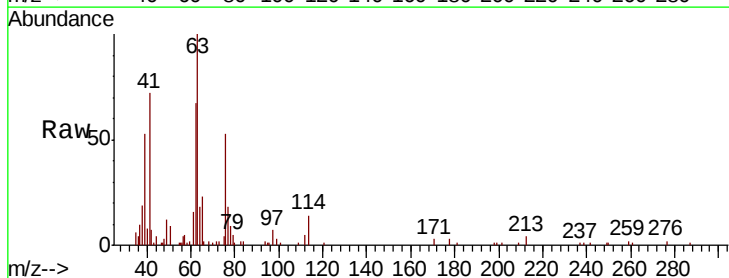
Instrument :
 MSVOA_L
 ClientSampleId :

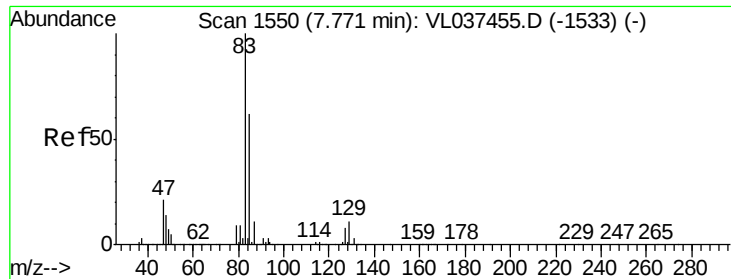
Tot Ion:130	Resp:	24002
Ion Ratio	Lower	Upper
130	100	
95	94.5	89.2 133.8
132	89.3	74.0 111.0
97	67.7	56.6 84.8



#39
 1,2-Dichloropropane
 Concen: 0.214 ppbv
 RT: 7.60 min Scan# 1497
 Delta R.T. 0.01 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

Tgt Ion: 63	Resp:	27910
Ion Ratio	Lower	Upper
63	100	
41	66.9	52.4 78.6
62	64.7	53.6 80.4





#42

Bromodichloromethane

Concen: 0.215 ppbv

RT: 7.78 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

ClientSampleId :

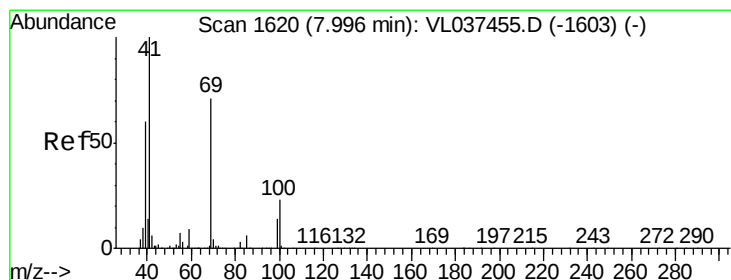
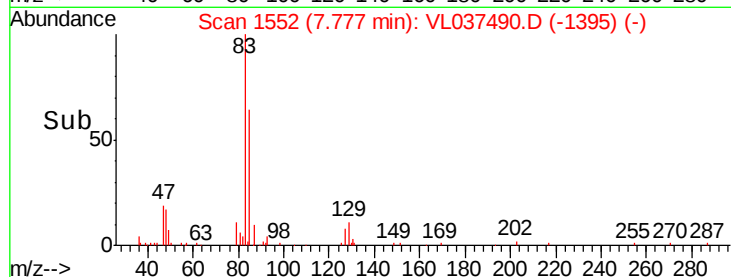
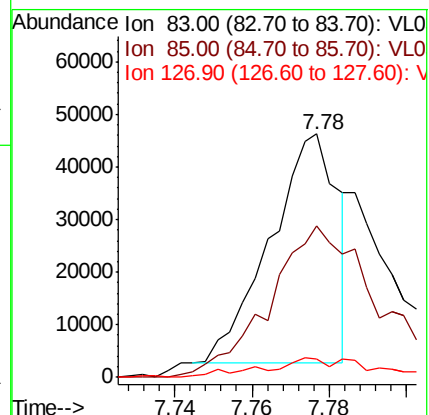
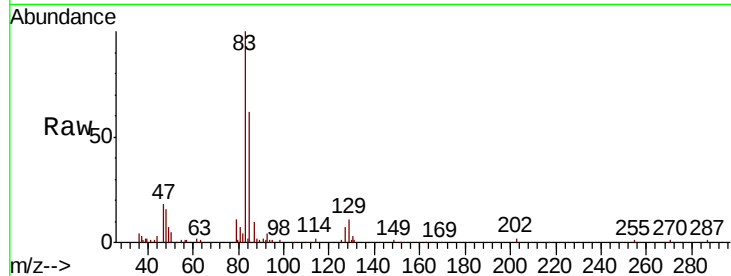
Tot Ion: 83 Resp: 53038

Ion Ratio Lower Upper

83 100

85 63.9 49.5 74.3

127 7.1 6.3 9.5



#43

Methyl Methacrylate

Concen: 0.142 ppbv

RT: 8.01 min Scan# 1624

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

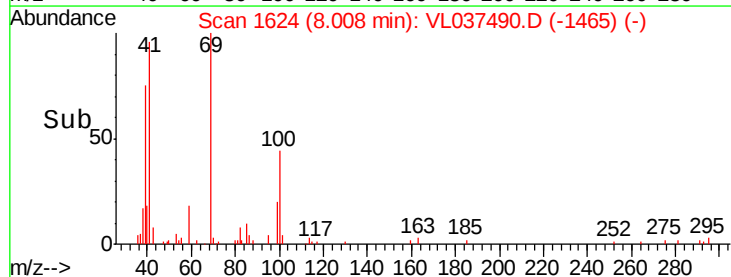
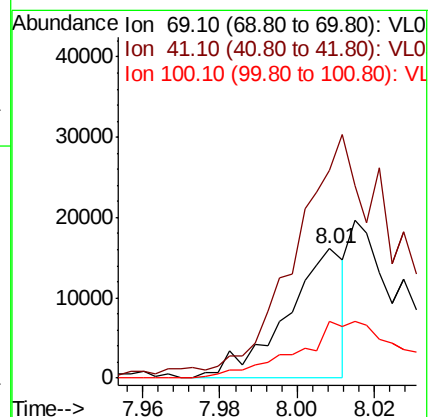
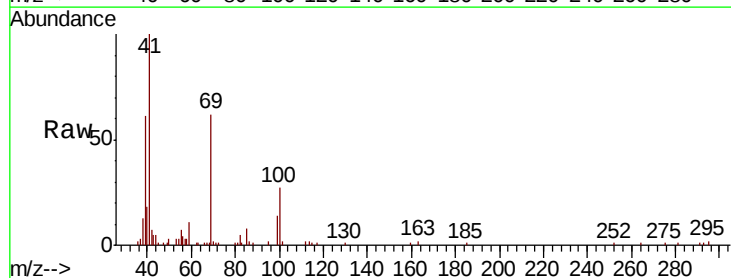
Tgt Ion: 69 Resp: 16773

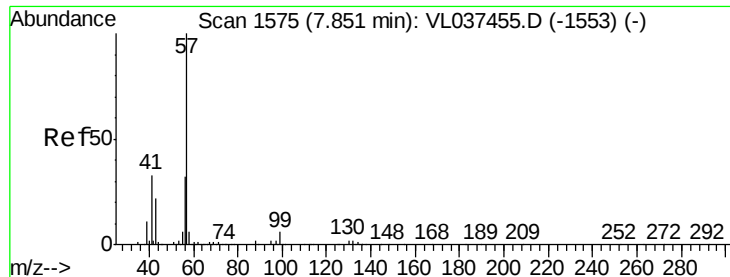
Ion Ratio Lower Upper

69 100

41 0.0 118.6 178.0#

100 0.0 27.4 41.0#

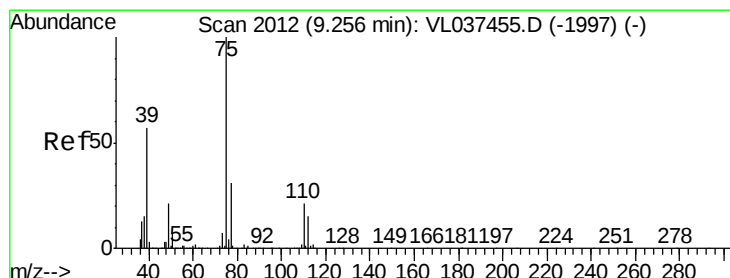
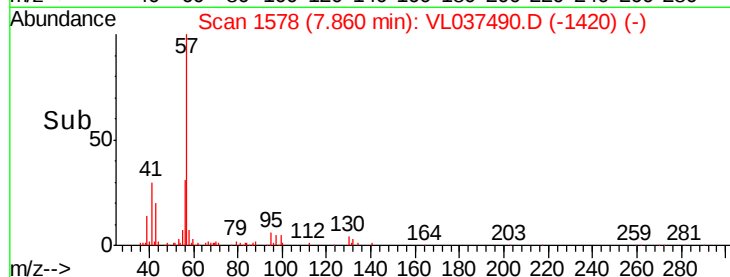
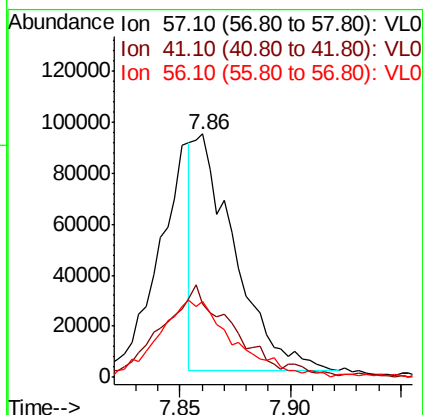
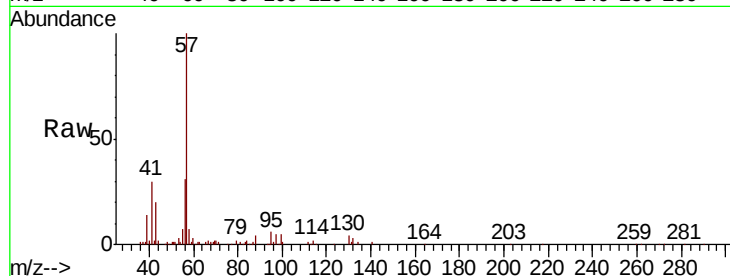




#44
 2,2,4-Trimethylpentane
 Concen: 0.210 ppbv
 RT: 7.86 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

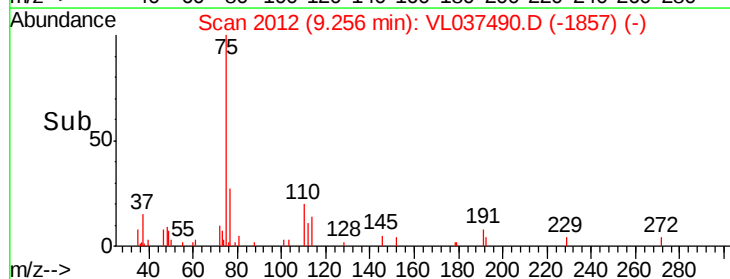
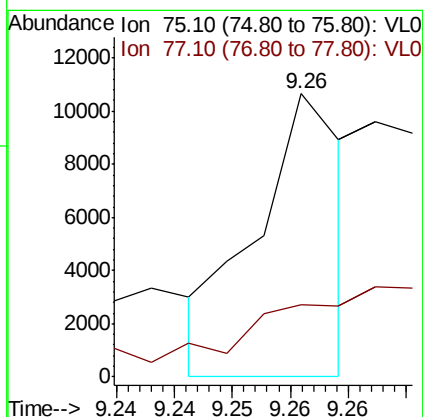
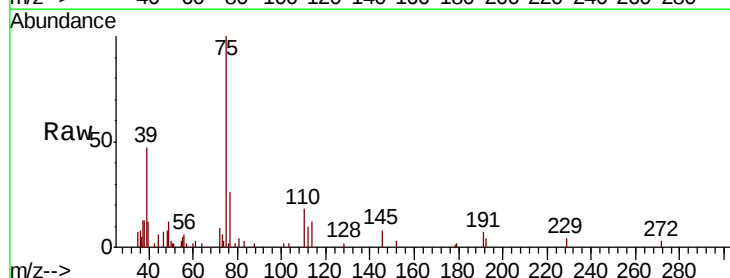
Instrument :
 MSVOA_L
 ClientSampleId :

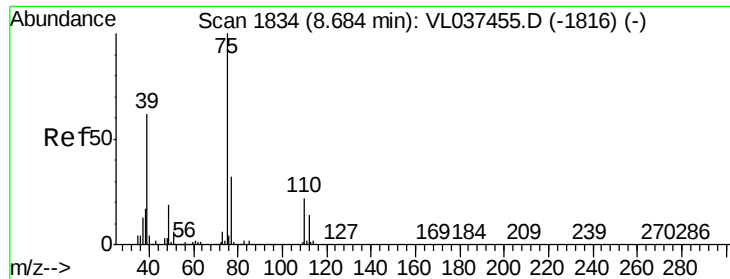
Tot Ion: 57 Resp: 120301
 Ion Ratio Lower Upper
 57 100
 41 69.7 26.2 39.4#
 56 61.3 25.4 38.2#



#45
 t-1,3-Dichloropropene
 Concen: 0.063 ppbv
 RT: 9.26 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

Tgt Ion: 75 Resp: 5641
 Ion Ratio Lower Upper
 75 100
 77 25.7 24.5 36.7



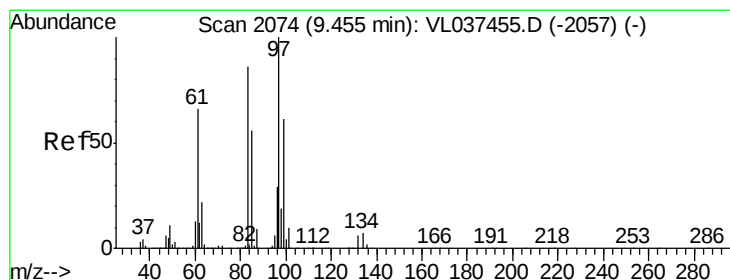
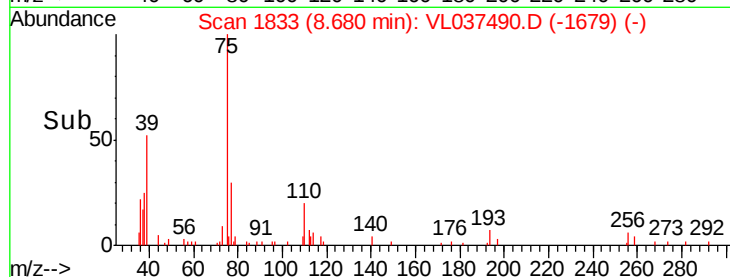
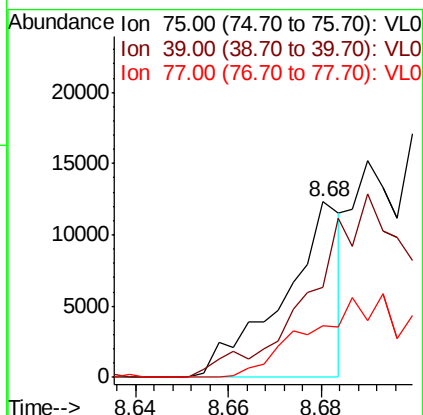
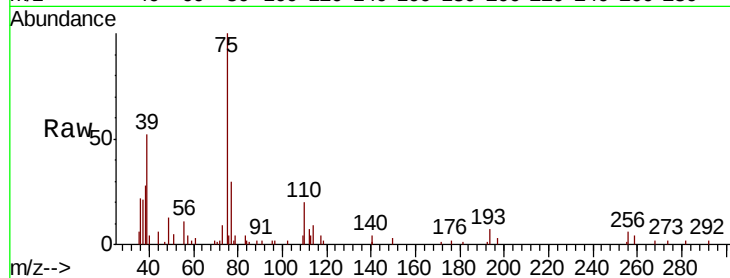


#46

cis-1,3-Dichloropropene
 Concen: 0.087 ppbv
 RT: 8.68 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

Instrument :
 MSVOA_L
 ClientSampleId :

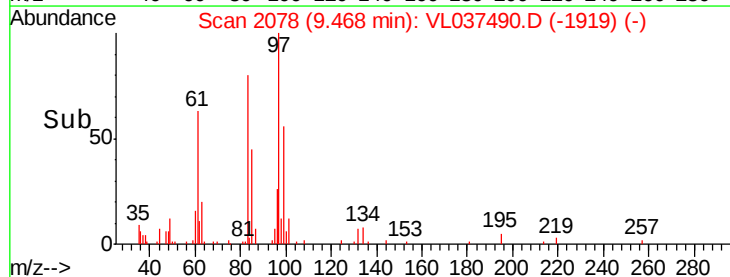
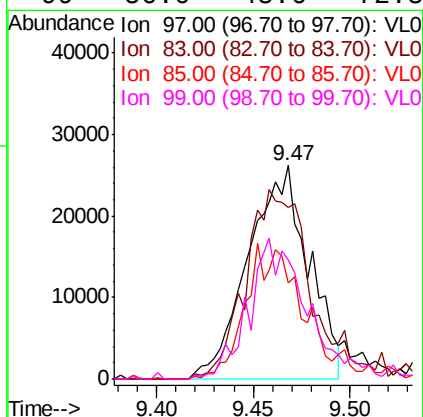
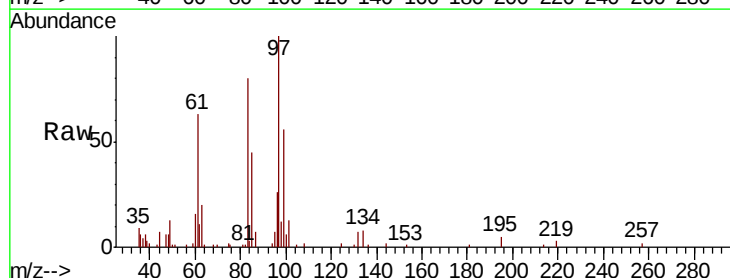
Tot Ion: 75 Resp: 10779
 Ion Ratio Lower Upper
 75 100
 39 51.6 49.7 74.5
 77 29.6 25.4 38.0

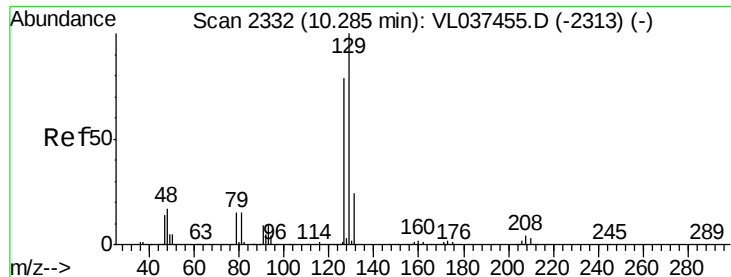


#47

1,1,2-Trichloroethane
 Concen: 0.402 ppbv
 RT: 9.47 min Scan# 2078
 Delta R.T. 0.01 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

Tgt Ion: 97 Resp: 56701
 Ion Ratio Lower Upper
 97 100
 83 80.1 68.7 103.1
 85 44.9 44.7 67.1
 99 56.0 48.6 72.8





#48

Dibromochloromethane

Concen: 0.149 ppbv

RT: 10.29 min Scan# 2335

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

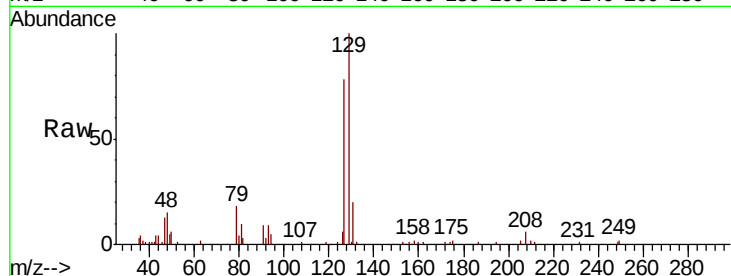
ClientSampleId :

Tot Ion:129 Resp: 30326

Ion Ratio Lower Upper

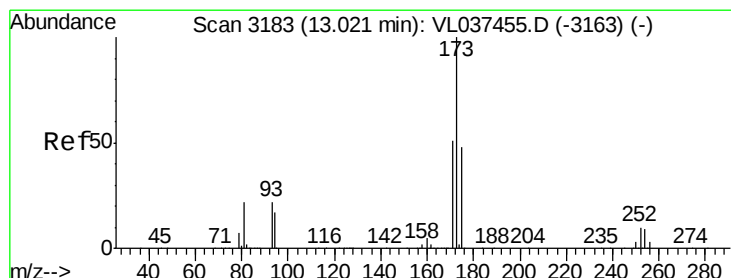
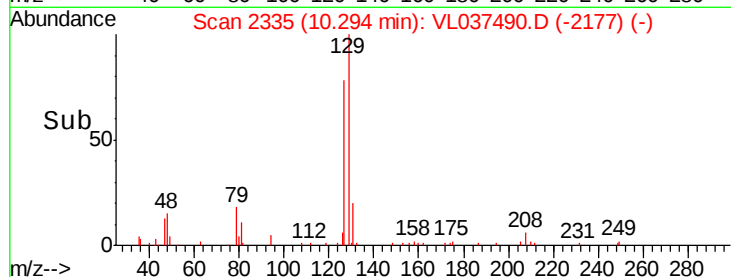
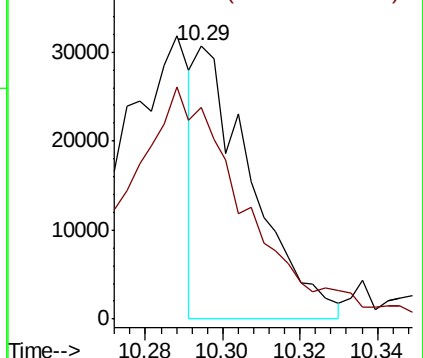
129 100

127 0.0 40.0 120.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#49

Bromoform

Concen: 0.102 ppbv

RT: 13.02 min Scan# 3184

Delta R.T. 0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

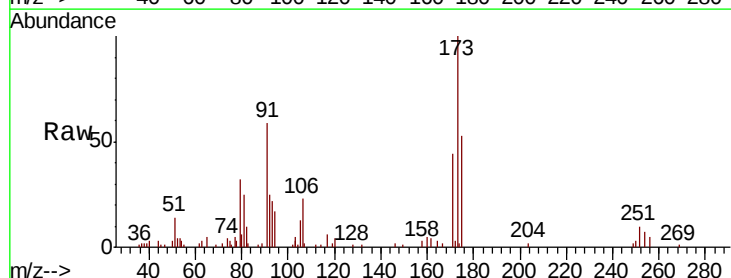
Tgt Ion:173 Resp: 16292

Ion Ratio Lower Upper

173 100

175 0.0 41.9 62.9#

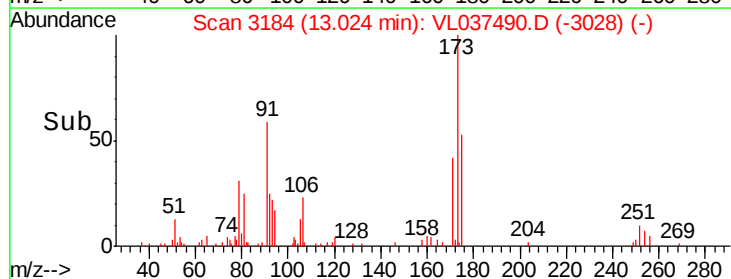
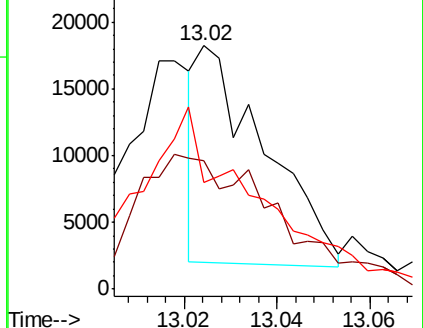
171 168.1 44.2 66.4#

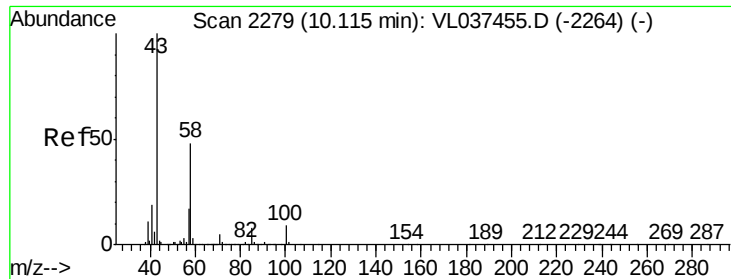


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V

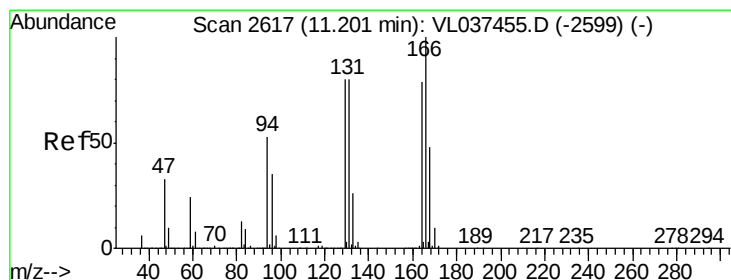
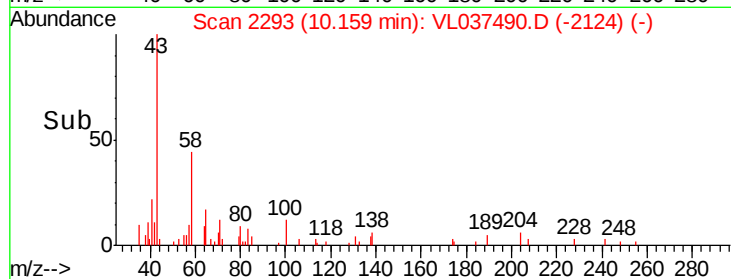
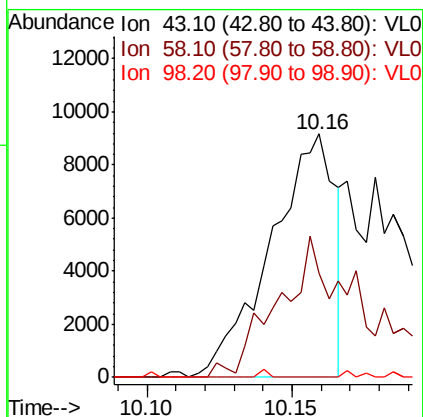
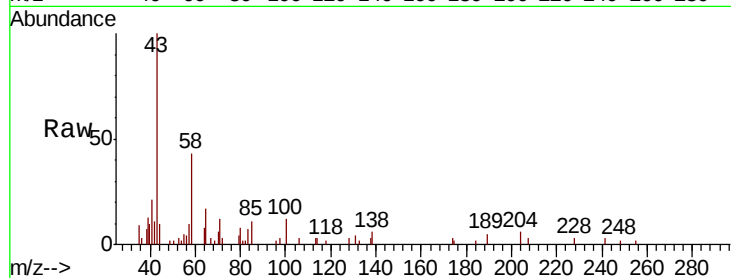




#51
2-Hexanone
Concen: 0.142 ppbv
RT: 10.16 min Scan# 2293
Delta R.T. 0.04 min
Lab File: VL037490.D
Acq: 18 Aug 2021 14:13

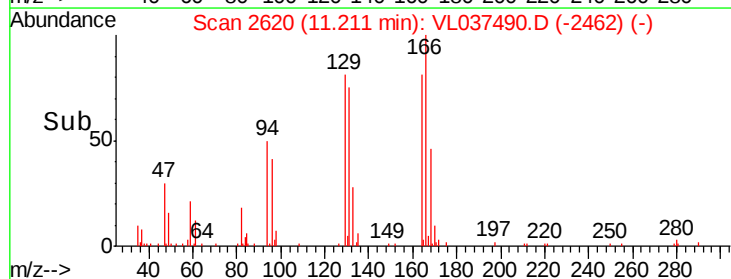
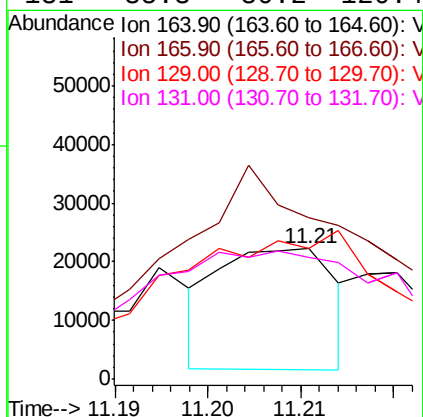
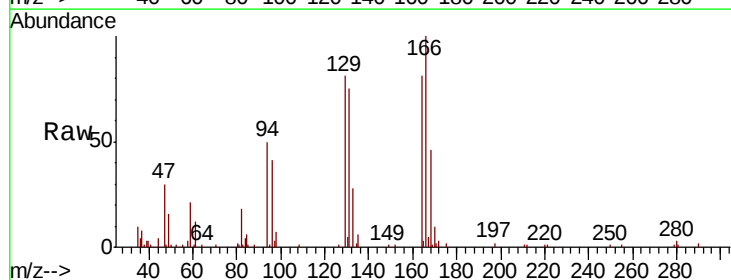
Instrument :
MSVOA_L
ClientSampleId :

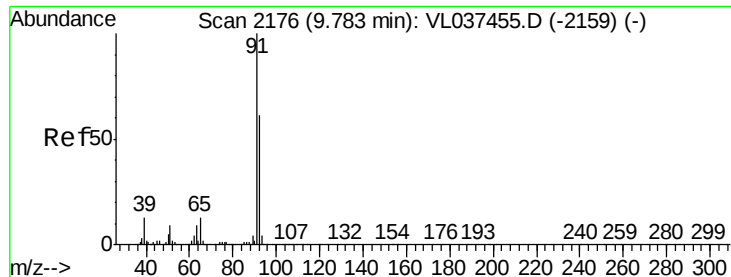
Tot Ion: 43 Resp: 14114
Ion Ratio Lower Upper
43 100
58 101.4 41.0 61.6#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.128 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. 0.01 min
Lab File: VL037490.D
Acq: 18 Aug 2021 14:13

Tgt Ion:164 Resp: 17817
Ion Ratio Lower Upper
164 100
166 55.5 100.7 151.1#
129 54.2 80.9 121.3#
131 35.3 80.2 120.4#





#53

Toluene

Concen: 0.174 ppbv

RT: 9.79 min Scan# 2178

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

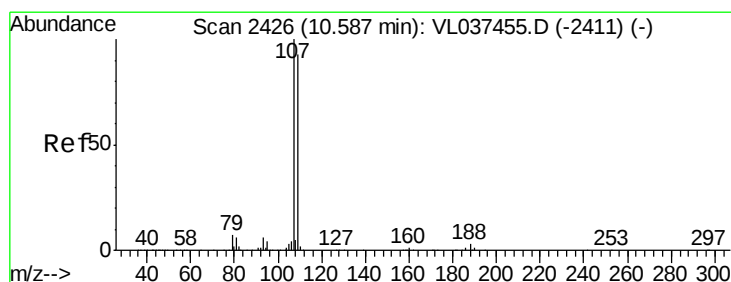
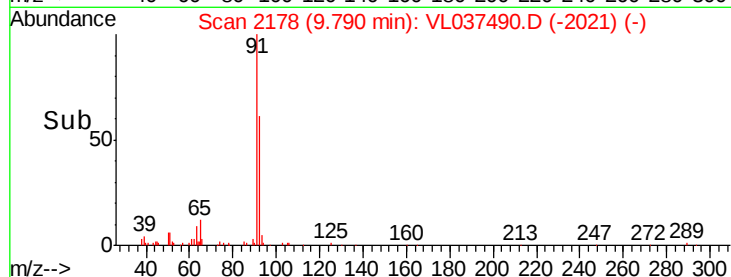
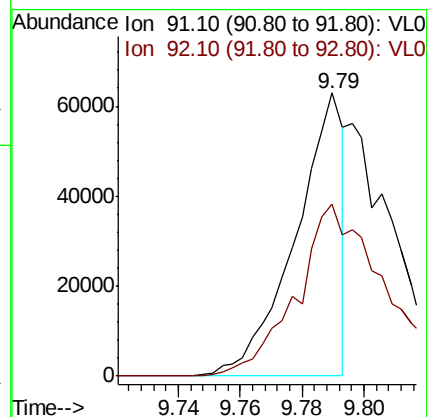
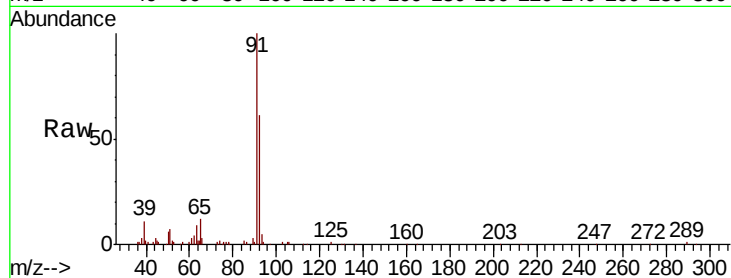
ClientSampleId :

Tot Ion: 91 Resp: 67658

Ion Ratio Lower Upper

91 100

92 114.1 48.8 73.2#



#54

1,2-Dibromoethane

Concen: 0.195 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. 0.01 min

Lab File: VL037490.D

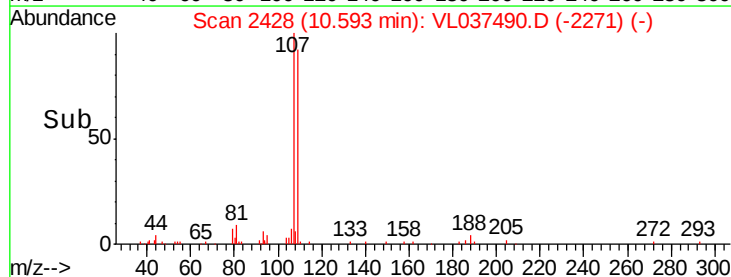
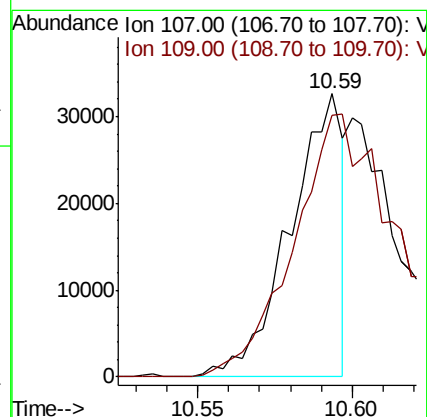
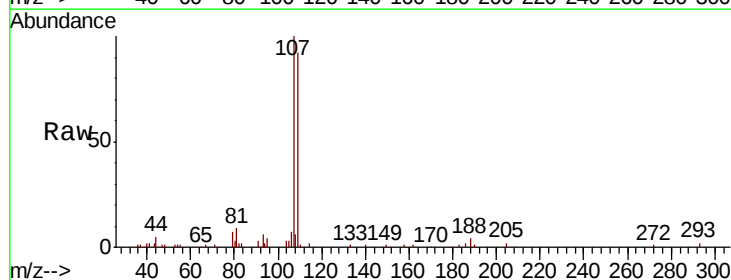
Acq: 18 Aug 2021 14:13

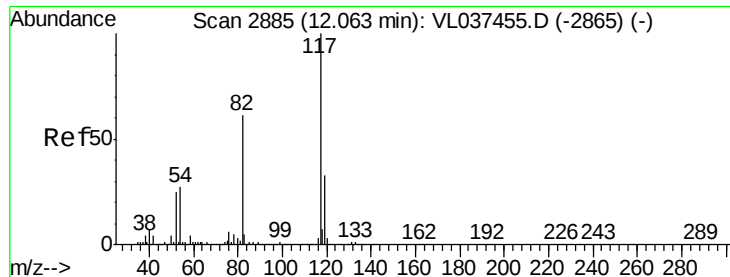
Tgt Ion: 107 Resp: 38348

Ion Ratio Lower Upper

107 100

109 92.3 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: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

ClientSampleId :

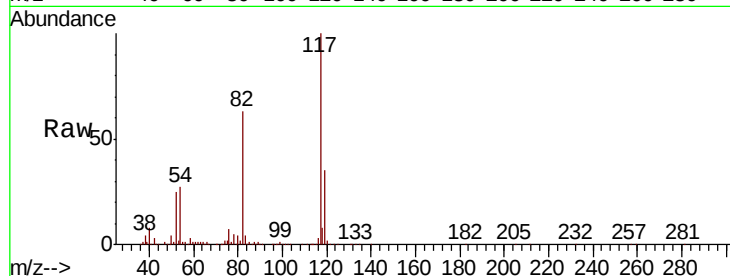
Tot Ion:117 Resp: 3478283

Ion Ratio Lower Upper

117 100

82 65.8 52.9 79.3

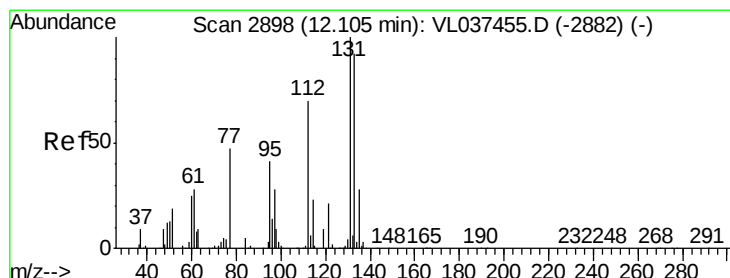
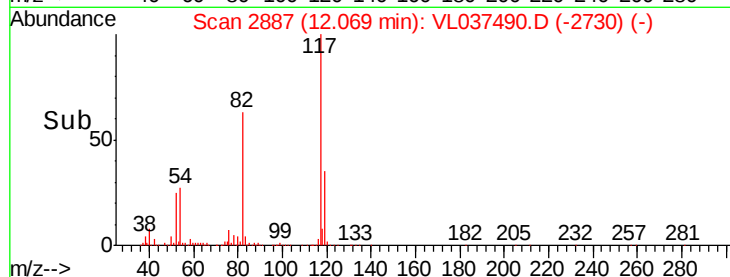
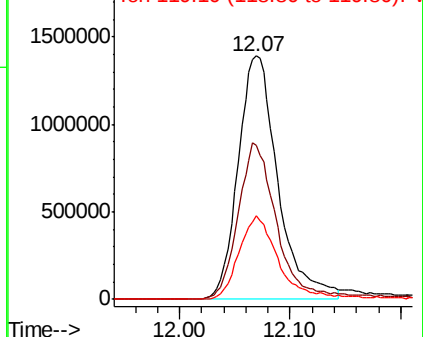
119 35.4 24.8 37.2



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 0.344 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

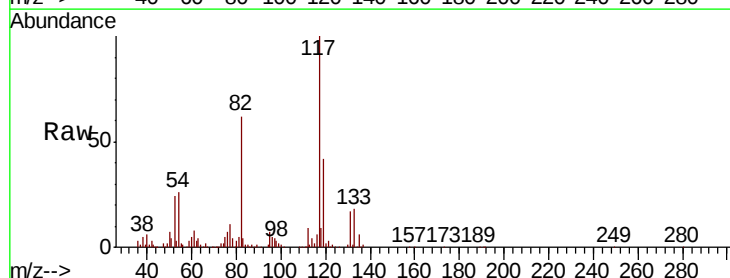
Tgt Ion:131 Resp: 49795

Ion Ratio Lower Upper

131 100

133 121.6 78.7 118.1#

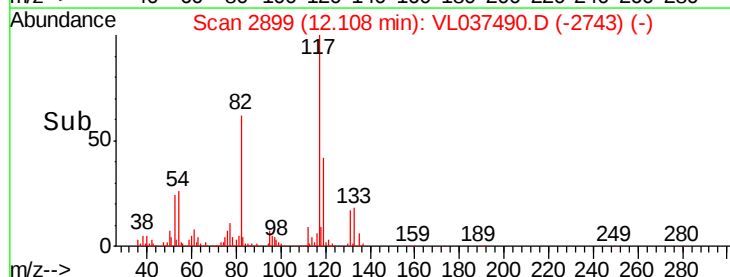
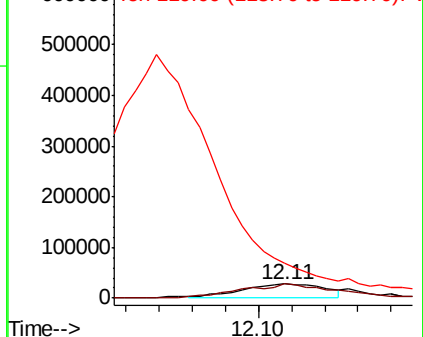
119 0.0 56.6 85.0#

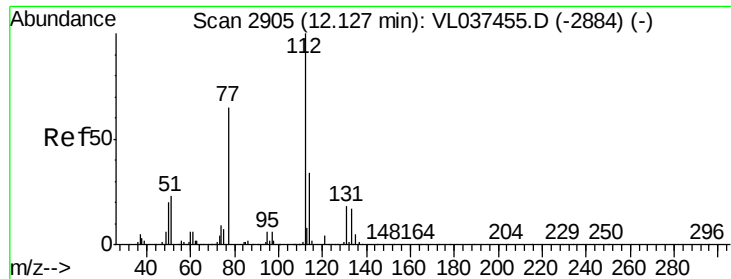


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 0.203 ppbv

RT: 12.13 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

ClientSampleId :

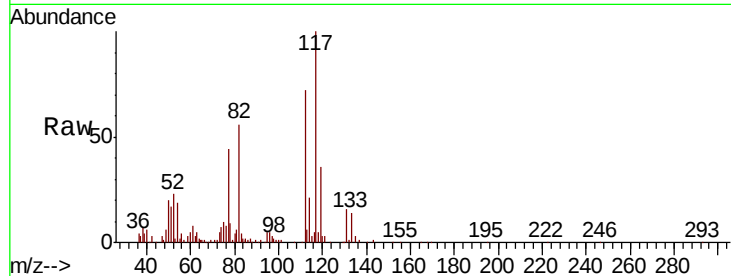
Tot Ion:112 Resp: 58533

Ion Ratio Lower Upper

112 100

77 60.5 51.6 77.4

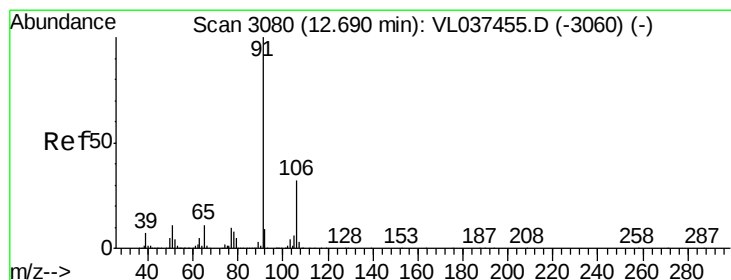
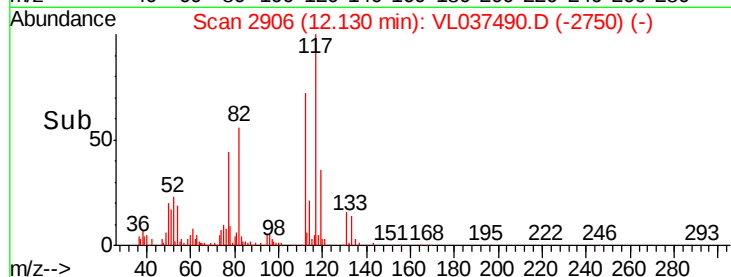
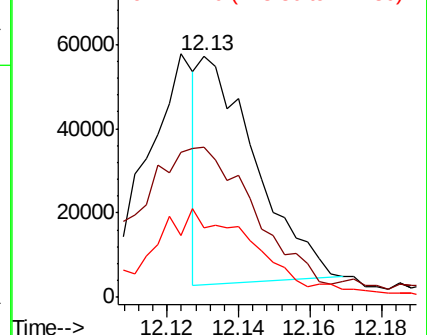
114 27.8 30.7 37.5#



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: 0.325 ppbv

RT: 12.69 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VL037490.D

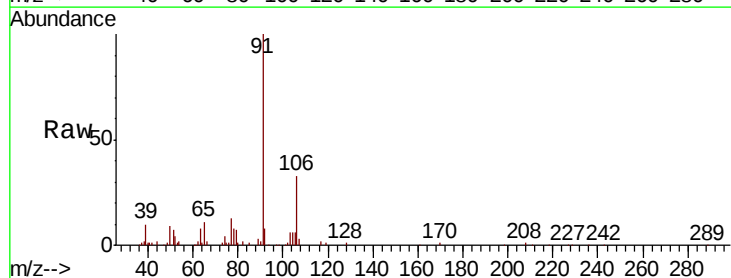
Acq: 18 Aug 2021 14:13

Tgt Ion: 91 Resp: 156657

Ion Ratio Lower Upper

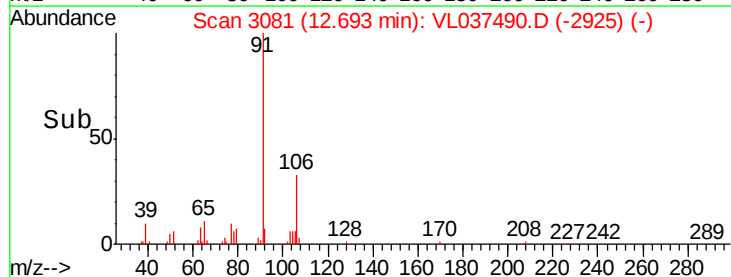
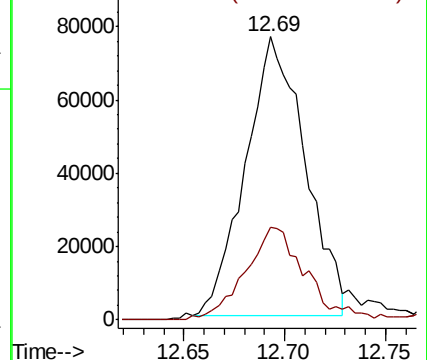
91 100

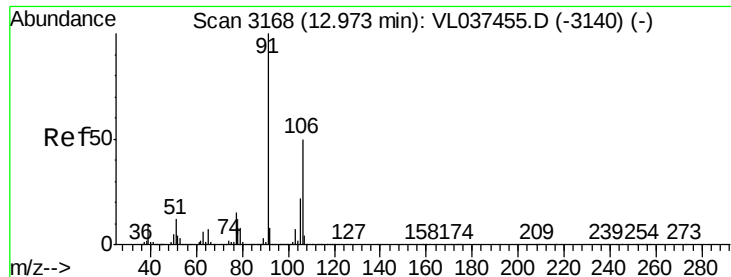
106 31.7 25.7 38.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

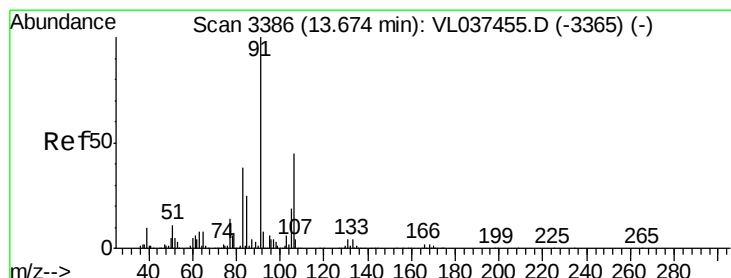
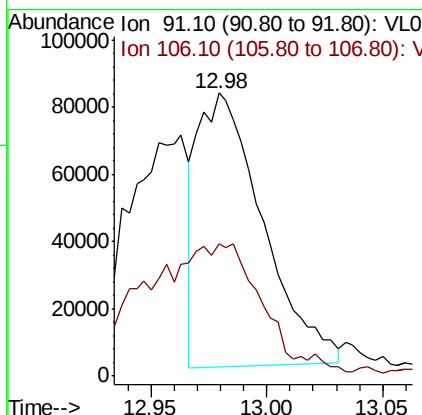
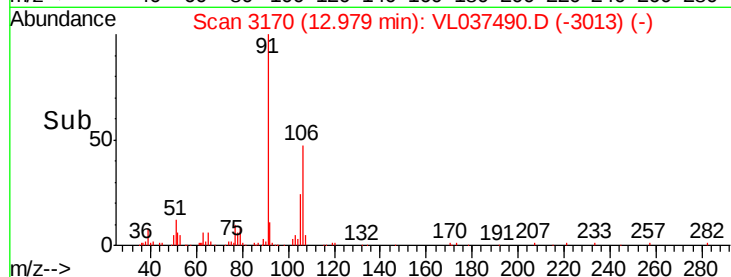
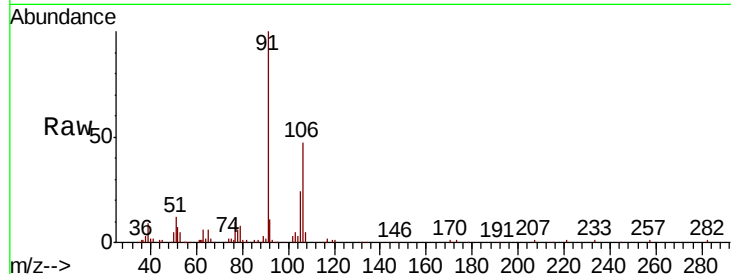




#59
m/p-Xylene
Concen: 0.379 ppbv
RT: 12.98 min Scan# 3170
Delta R.T. 0.01 min
Lab File: VL037490.D
Acq: 18 Aug 2021 14:13

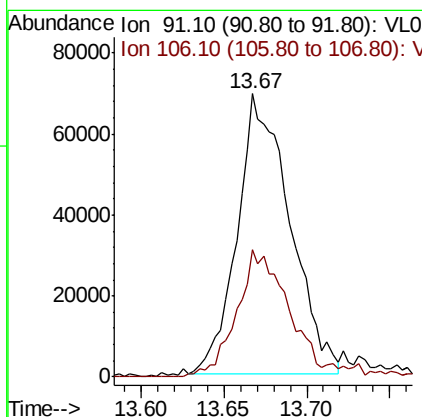
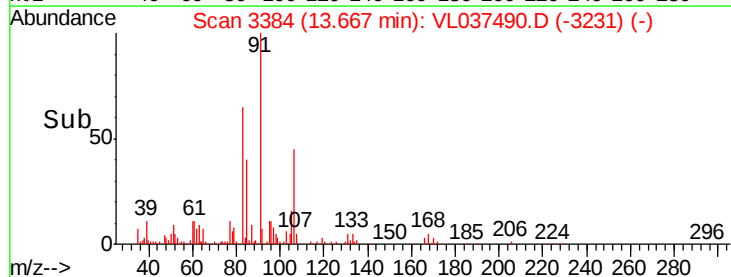
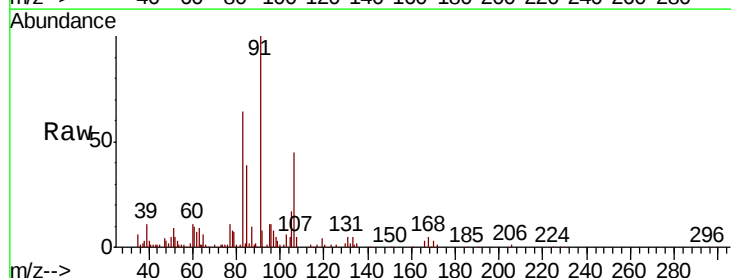
Instrument :
MSVOA_L
ClientSampled :

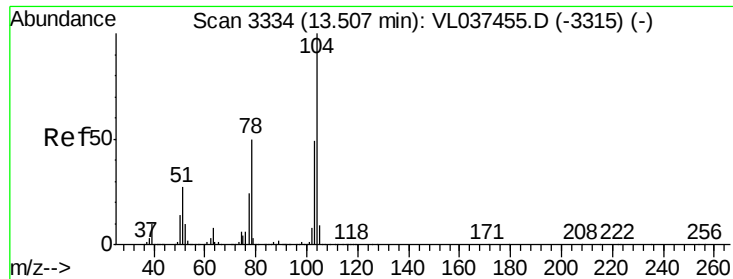
Tot Ion: 91 Resp: 158732
Ion Ratio Lower Upper
91 100
106 91.6 36.9 55.3#



#60
o-Xylene
Concen: 0.390 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.01 min
Lab File: VL037490.D
Acq: 18 Aug 2021 14:13

Tgt Ion: 91 Resp: 152373
Ion Ratio Lower Upper
91 100
106 47.9 23.7 71.1





#61

Stvrene

Concen: 0.146 ppbv

RT: 13.52 min Scan# 3337

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

ClientSampleId :

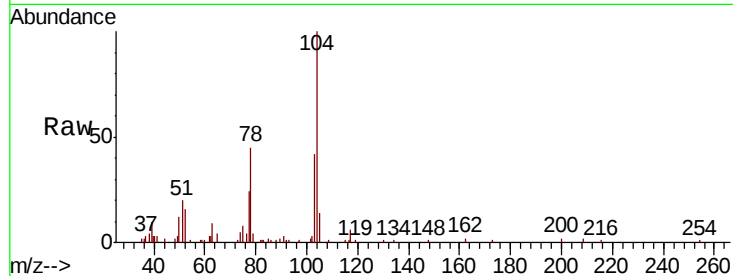
Tot Ion:104 Resp: 29678

Ion Ratio Lower Upper

104 100

78 0.0 41.3 61.9#

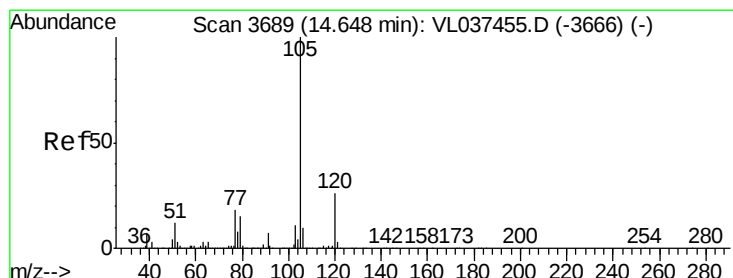
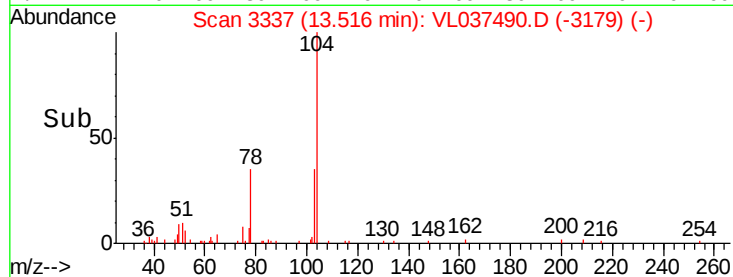
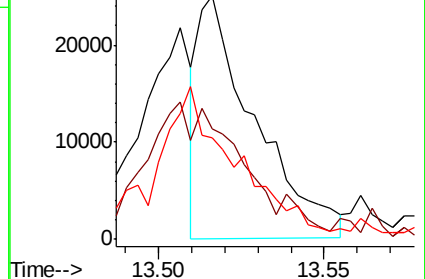
103 0.0 39.4 59.0#



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: 0.147 ppbv

RT: 14.66 min Scan# 3693

Delta R.T. 0.01 min

Lab File: VL037490.D

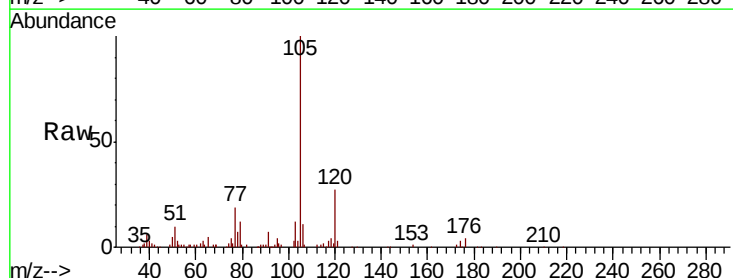
Acq: 18 Aug 2021 14:13

Tgt Ion:105 Resp: 80776

Ion Ratio Lower Upper

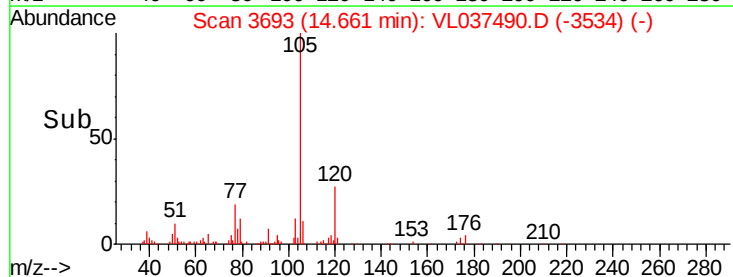
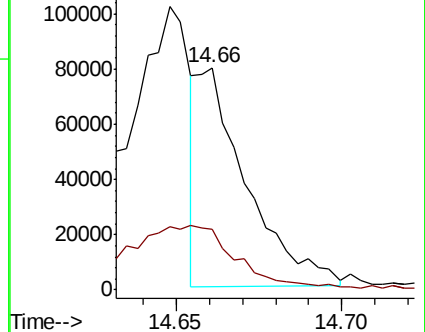
105 100

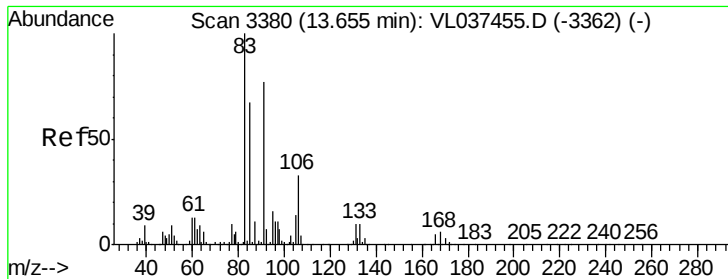
120 69.7 21.5 32.3#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

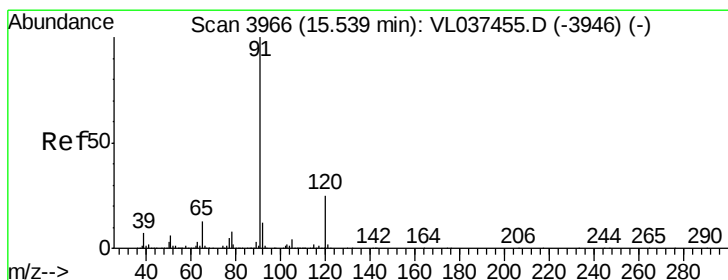
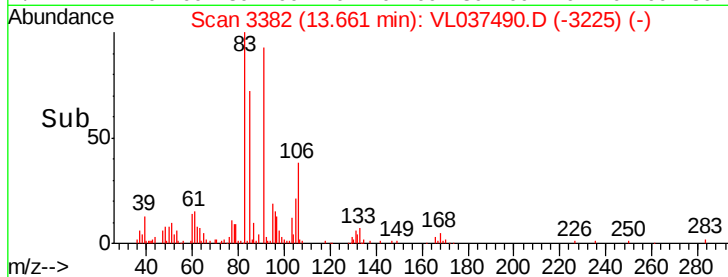
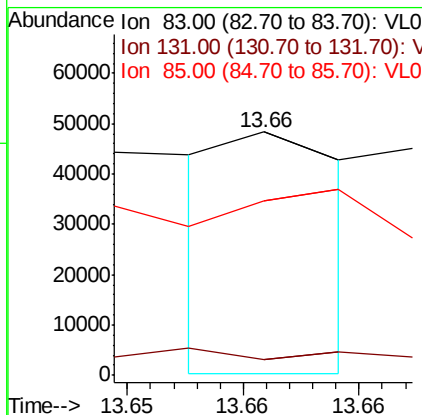
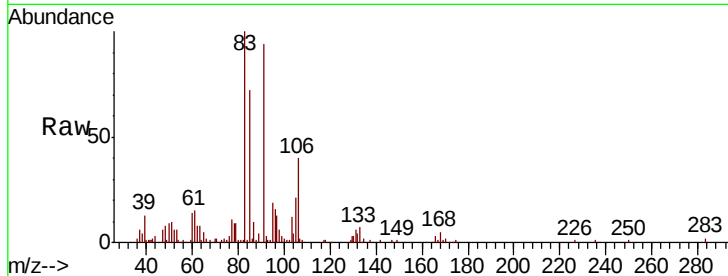




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.060 ppbv
 RT: 13.66 min Scan# 3382
 Delta R.T. 0.01 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

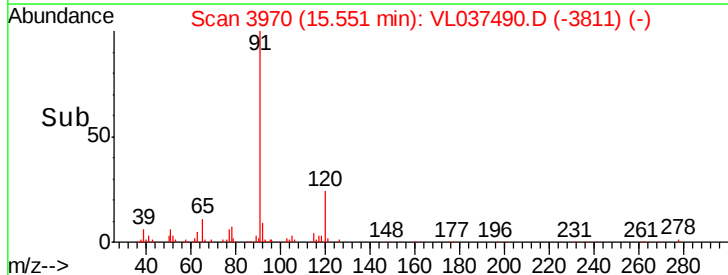
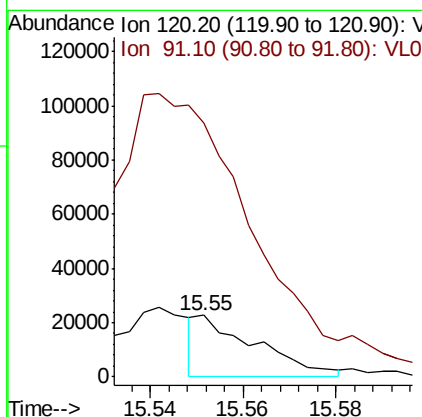
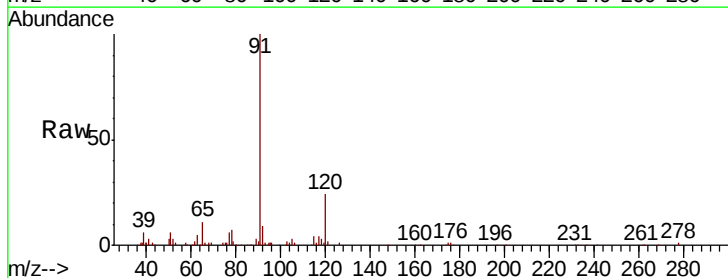
Instrument :
 MSVOA_L
 ClientSampled :

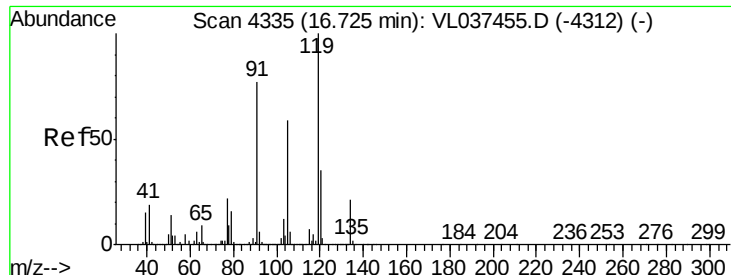
Tot Ion: 83 Resp: 17471
 Ion Ratio Lower Upper
 83 100
 131 63.1 5.0 15.0#
 85 0.0 33.8 101.3#



#64
 n-propylbenzene
 Concen: 0.141 ppbv
 RT: 15.55 min Scan# 3970
 Delta R.T. 0.01 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

Tgt Ion:120 Resp: 19752
 Ion Ratio Lower Upper
 120 100
 91 0.0 373.8 560.6#





#65

tert-Butylbenzene

Concen: 0.176 ppbv

RT: 16.73 min Scan# 4338

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

ClientSampleId :

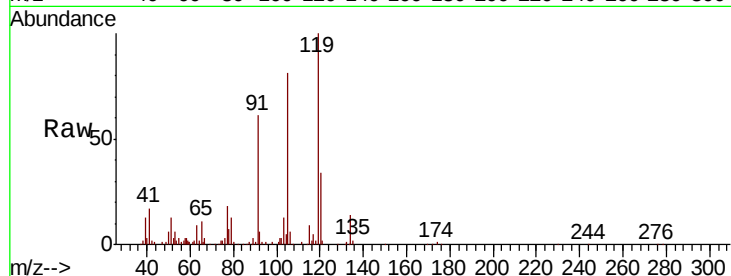
Tot Ion:119 Resp: 88485

Ion Ratio Lower Upper

119 100

91 186.6 62.9 94.3#

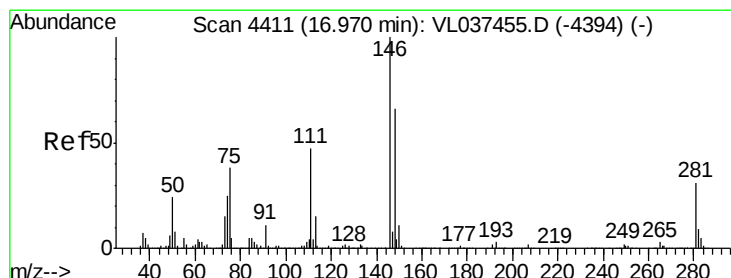
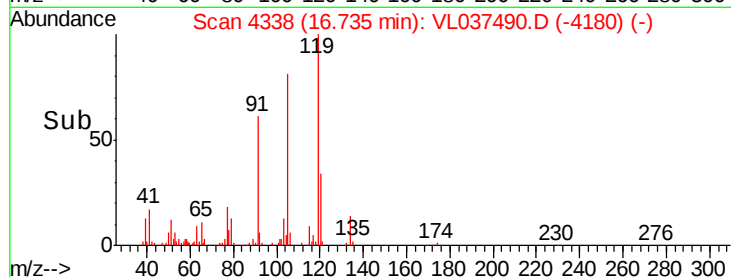
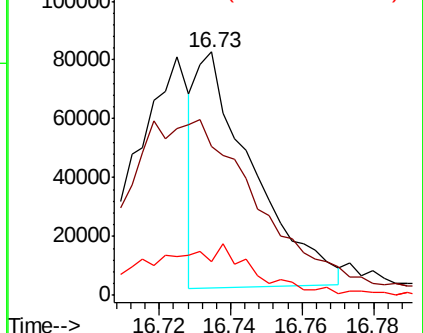
134 45.4 16.4 24.6#



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: 0.141 ppbv

RT: 16.98 min Scan# 4414

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

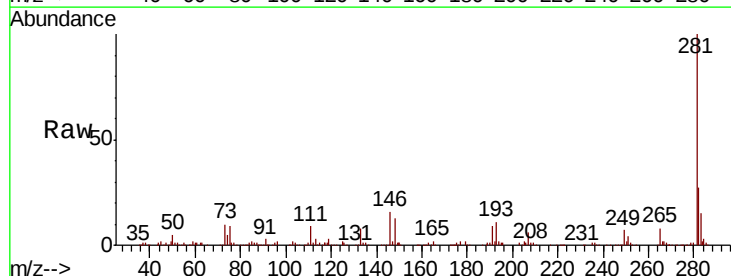
Tgt Ion: 91 Resp: 3209

Ion Ratio Lower Upper

91 100

126 0.0 15.9 23.9#

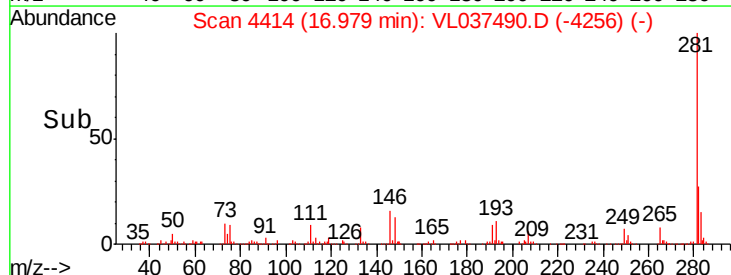
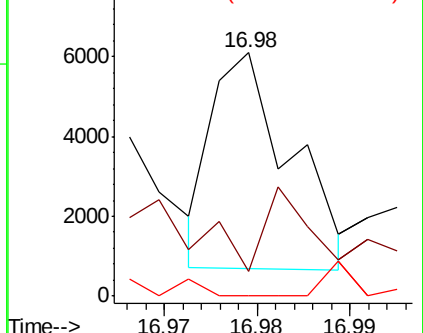
128 0.0 5.4 8.0#

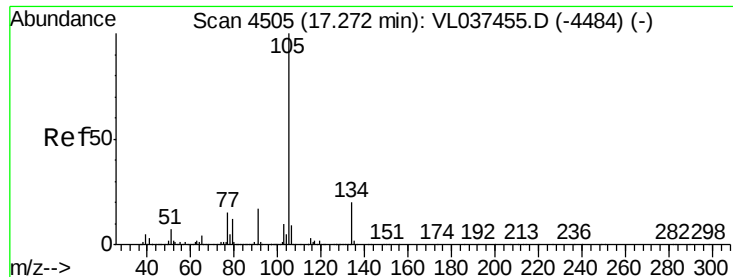


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 0.380 ppbv

RT: 17.28 min Scan# 4508

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

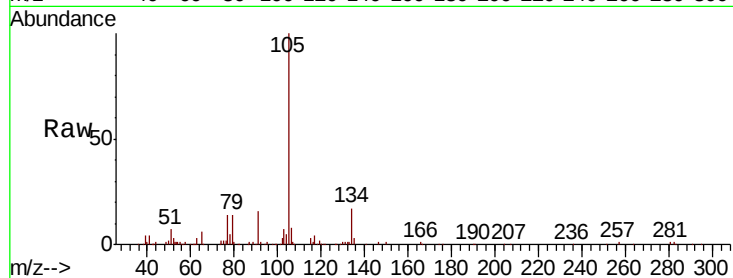
ClientSampleId :

Tot Ion: 105 Resp: 266494

Ion Ratio Lower Upper

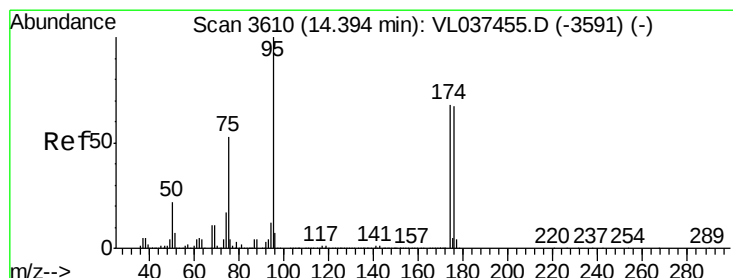
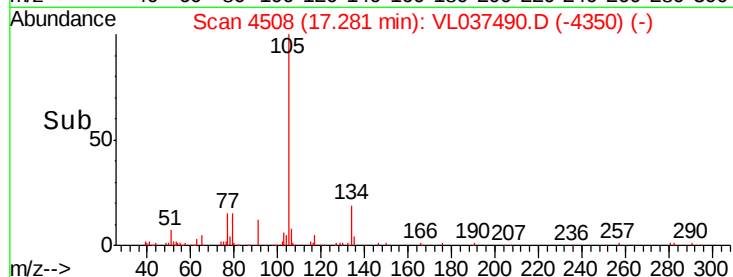
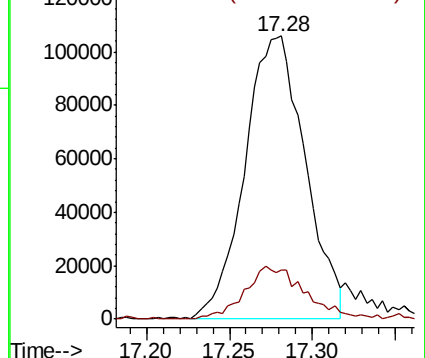
105 100

134 19.3 15.2 22.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.336 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. 0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

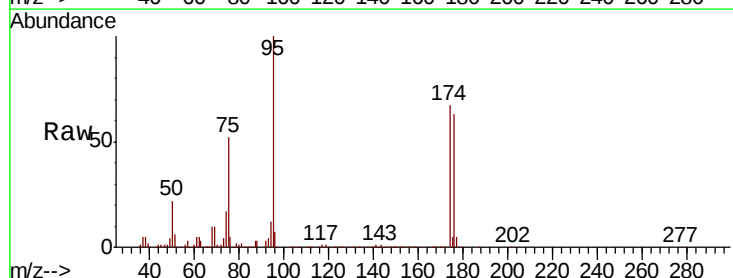
Tgt Ion: 95 Resp: 2554169

Ion Ratio Lower Upper

95 100

174 73.8 59.6 89.4

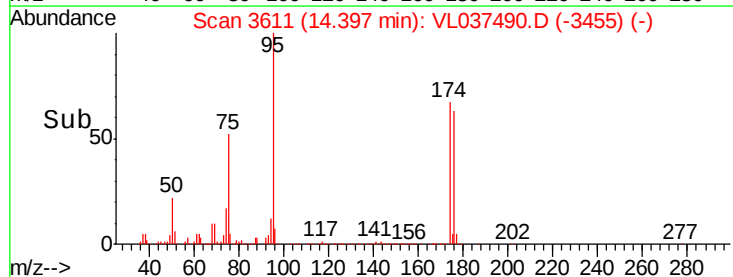
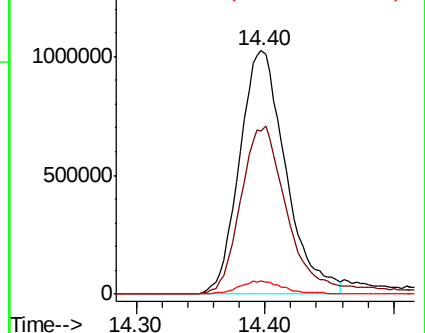
175 5.3 4.6 7.0

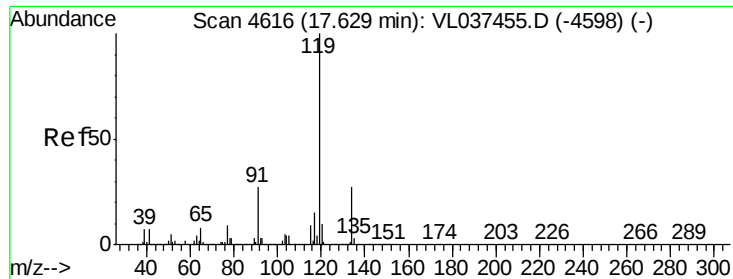


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

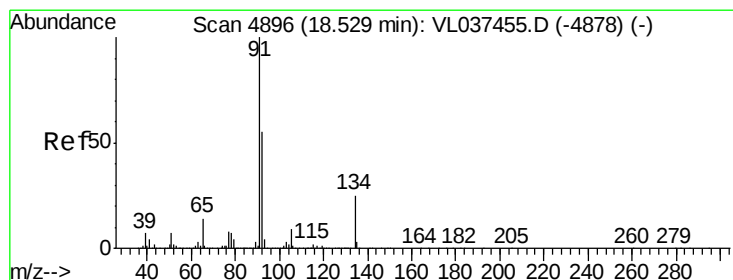
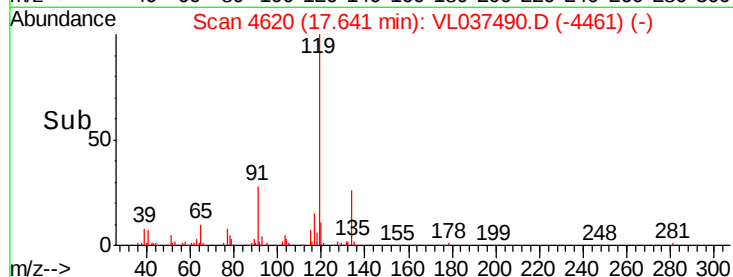
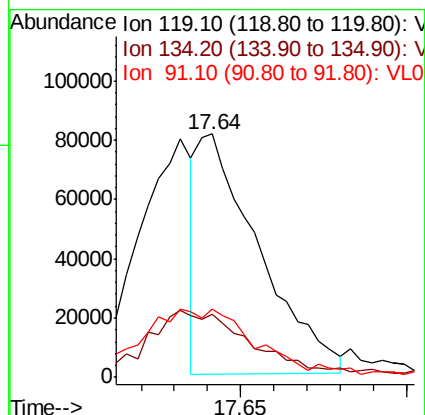
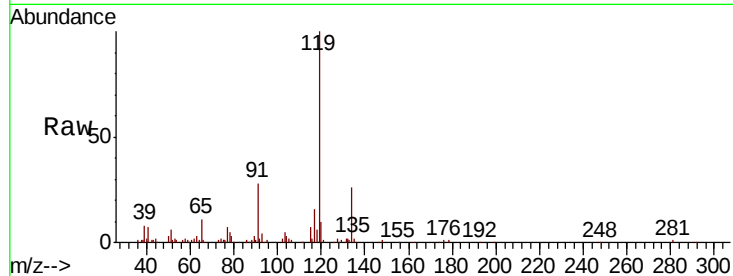




#69
p-Isopropyltoluene
Concen: 0.182 ppbv
RT: 17.64 min Scan# 4620
Delta R.T. 0.01 min
Lab File: VL037490.D
Acq: 18 Aug 2021 14:13

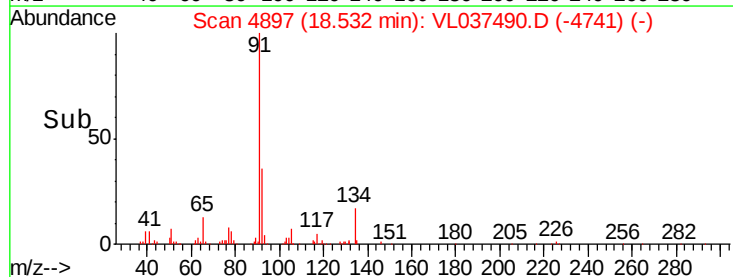
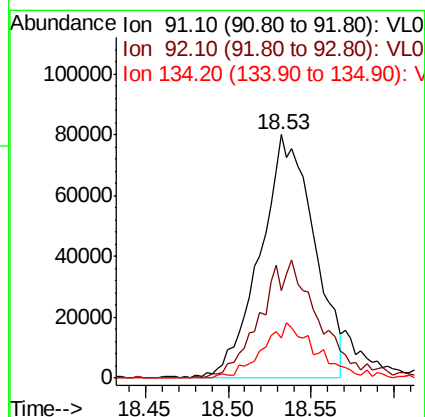
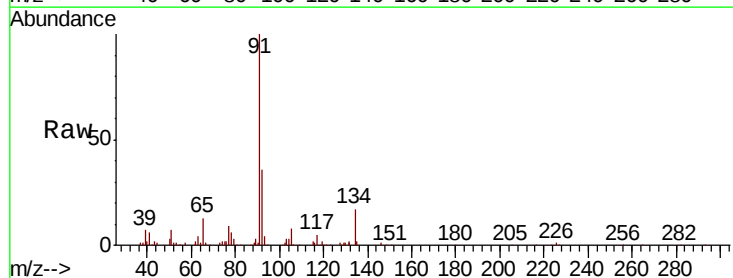
Instrument :
MSVOA_L
ClientSampleId :

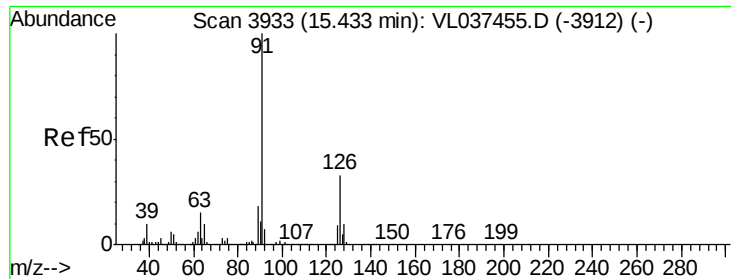
Tot Ion: 119 Resp: 103853
Ion Ratio Lower Upper
119 100
134 0.0 21.1 31.7#
91 0.0 22.4 33.6#



#70
n-Butylbenzene
Concen: 0.329 ppbv
RT: 18.53 min Scan# 4897
Delta R.T. 0.00 min
Lab File: VL037490.D
Acq: 18 Aug 2021 14:13

Tgt Ion: 91 Resp: 179631
Ion Ratio Lower Upper
91 100
92 55.4 44.0 66.0
134 23.1 19.5 29.3





#71

2-Chlorotoluene

Concen: 0.375 ppbv

RT: 15.43 min Scan# 3932

Delta R.T. -0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

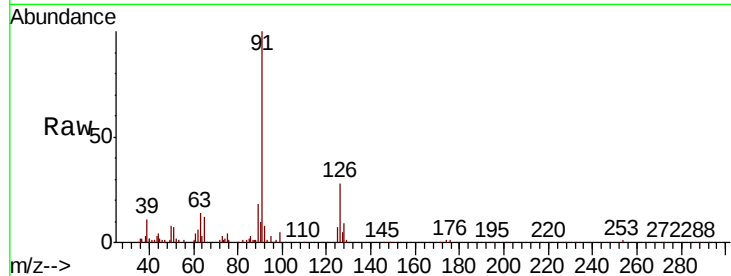
ClientSampleId :

Tot Ion: 91 Resp: 151649

Ion Ratio Lower Upper

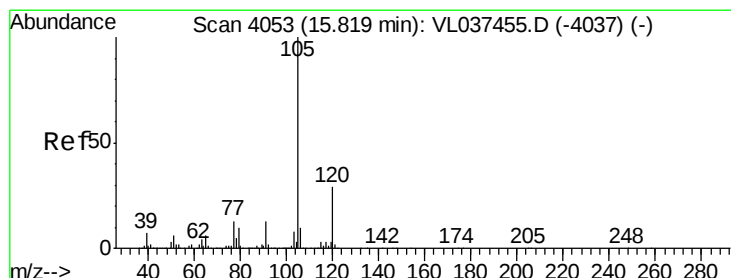
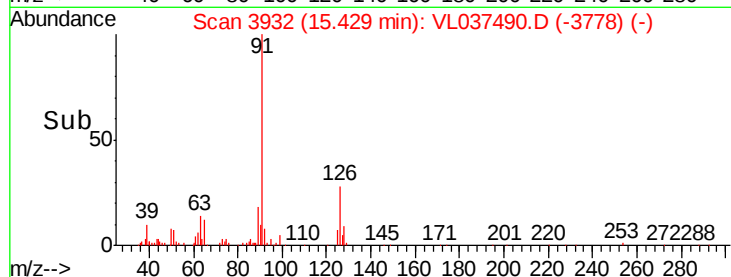
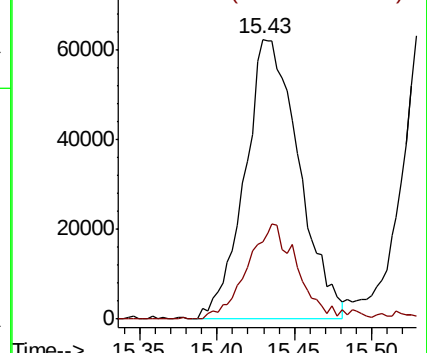
91 100

126 32.6 13.6 54.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 0.242 ppbv

RT: 15.82 min Scan# 4053

Delta R.T. -0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Tgt Ion:105 Resp: 112405

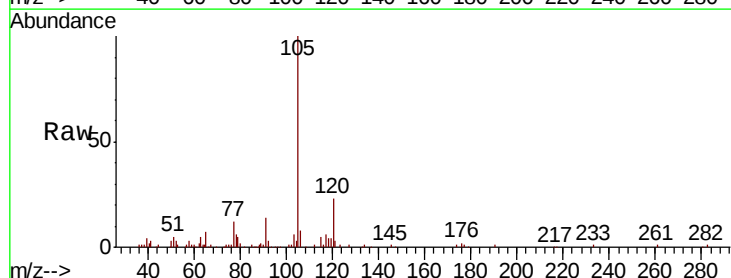
Ion Ratio Lower Upper

105 100

120 42.0 24.7 37.1#

91 19.5 9.8 14.8#

77 21.7 10.6 15.8#

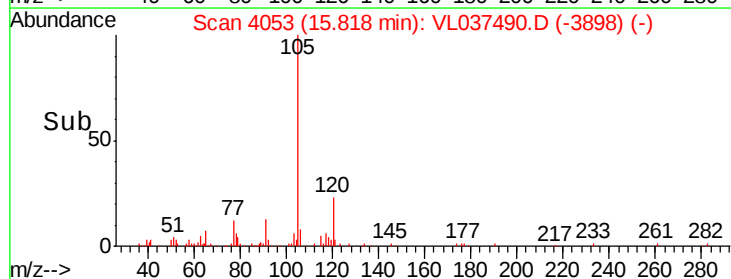
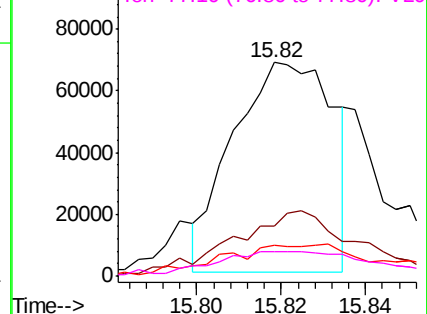


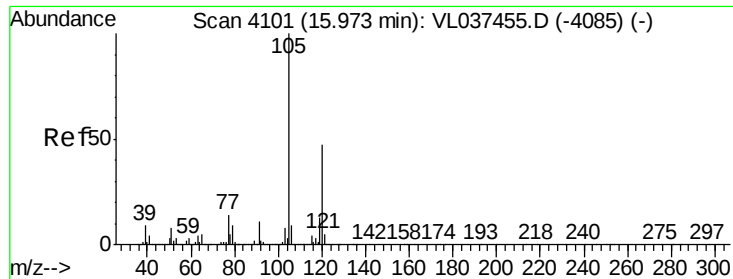
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#73

1,3,5-Trimethylbenzene

Concen: 0.330 ppbv

RT: 15.98 min Scan# 4103

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

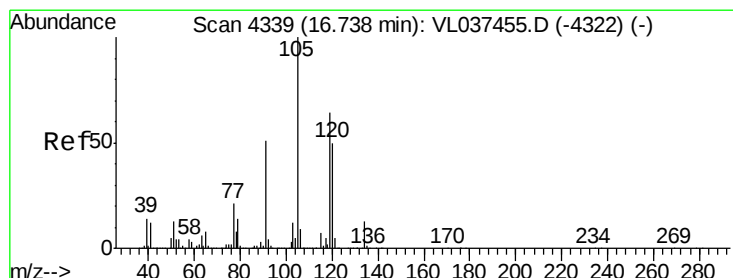
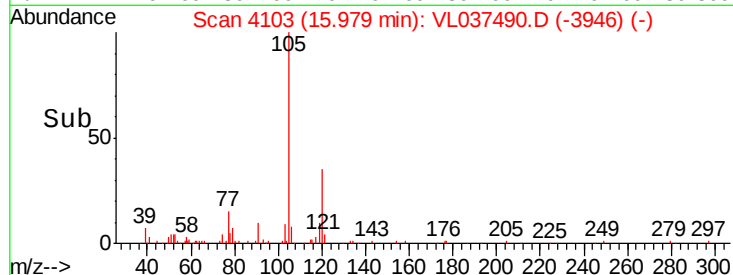
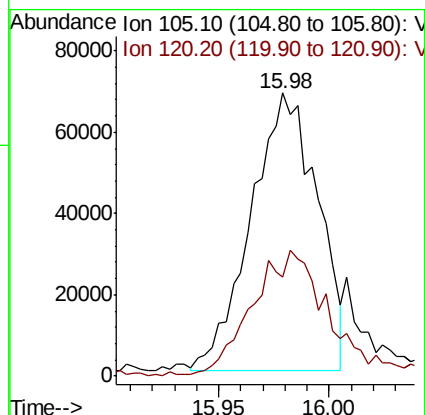
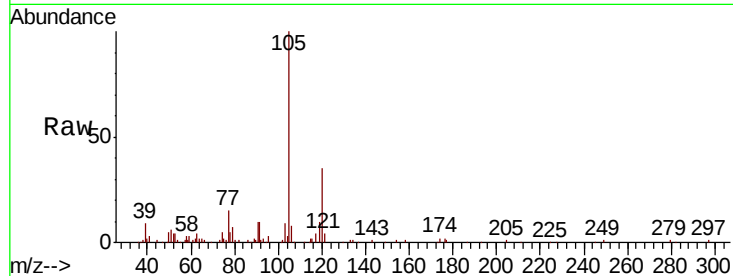
ClientSampleId :

Tot Ion:105 Resp: 142890

Ion Ratio Lower Upper

105 100

120 35.2 37.6 56.4#



#74

1,2,4-Trimethylbenzene

Concen: 0.167 ppbv

RT: 16.74 min Scan# 4339

Delta R.T. -0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Tgt Ion:105 Resp: 76574

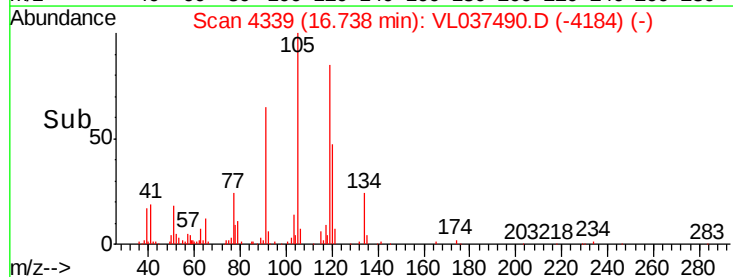
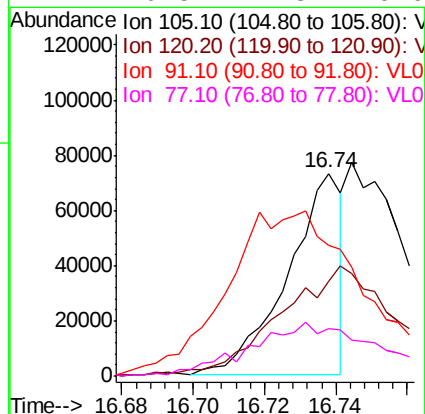
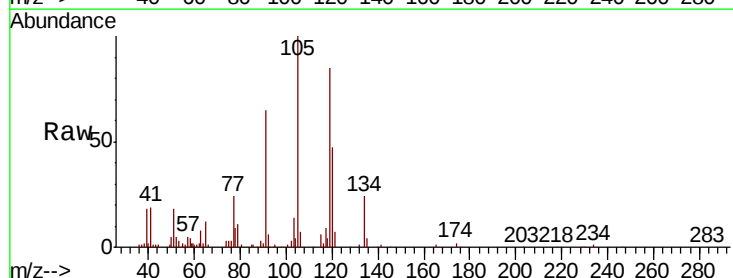
Ion Ratio Lower Upper

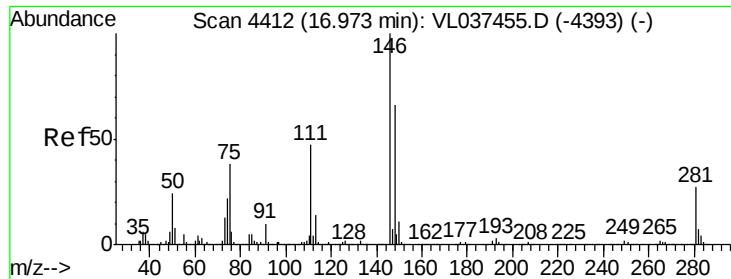
105 100

120 44.3 40.4 60.6

91 45.3 44.6 67.0

77 20.5 17.8 26.6





#75

1,3-Dichlorobenzene

Concen: 0.304 ppbv

RT: 16.98 min Scan# 4413

Delta R.T. 0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

ClientSampled :

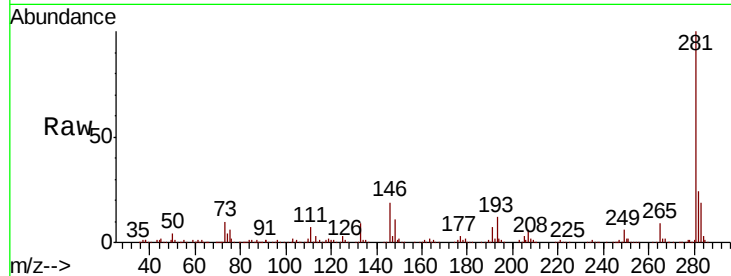
Tot Ion:146 Resp: 84007

Ion Ratio Lower Upper

146 100

111 74.4 23.4 70.0#

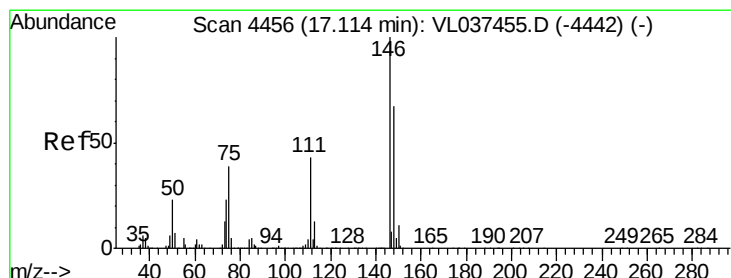
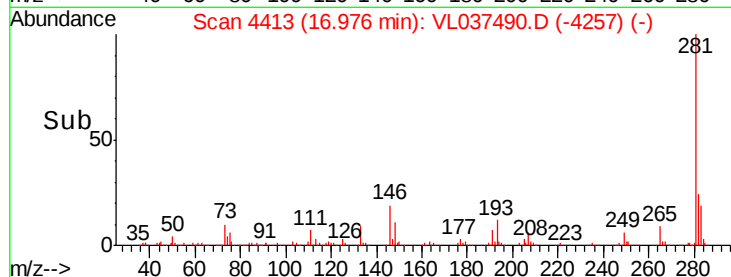
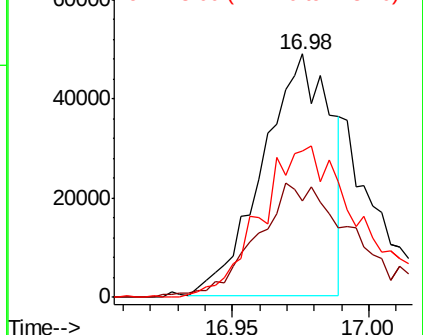
148 96.3 33.1 99.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 0.260 ppbv

RT: 17.12 min Scan# 4457

Delta R.T. 0.00 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

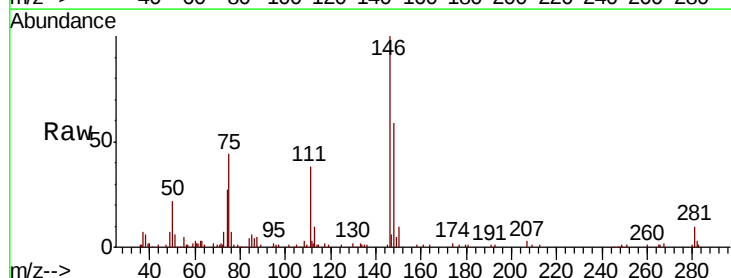
Tgt Ion:146 Resp: 72567

Ion Ratio Lower Upper

146 100

111 71.0 22.1 66.5#

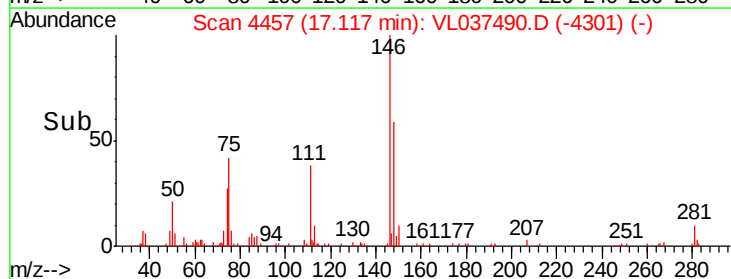
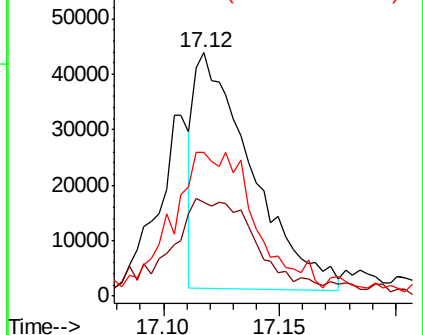
148 103.7 32.4 97.0#

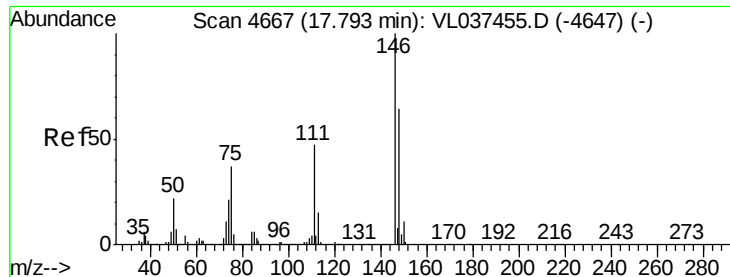


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

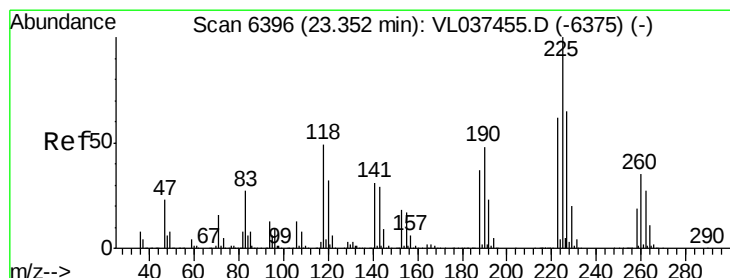
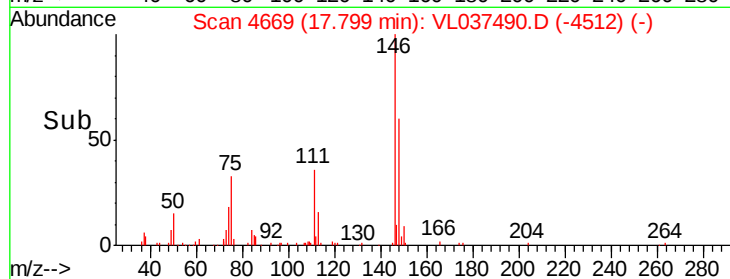
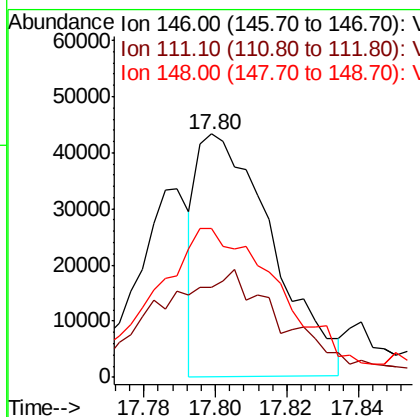
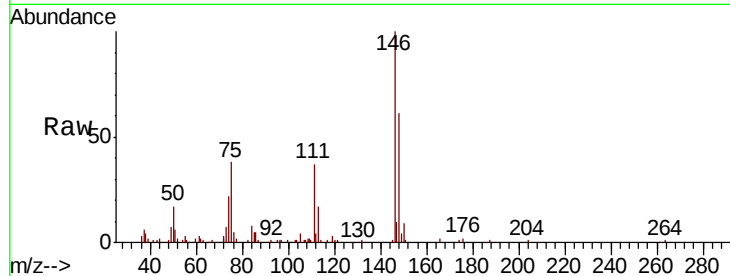




#77
 1,2-Dichlorobenzene
 Concen: 0.232 ppbv
 RT: 17.80 min Scan# 4669
 Delta R.T. 0.01 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

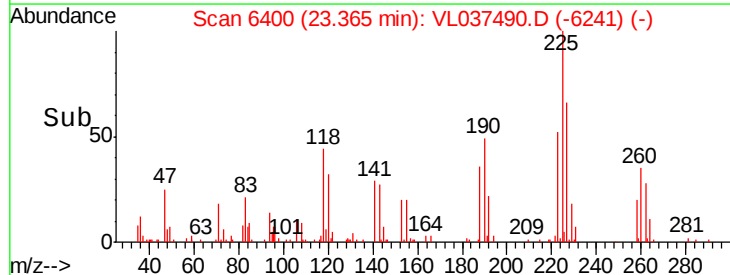
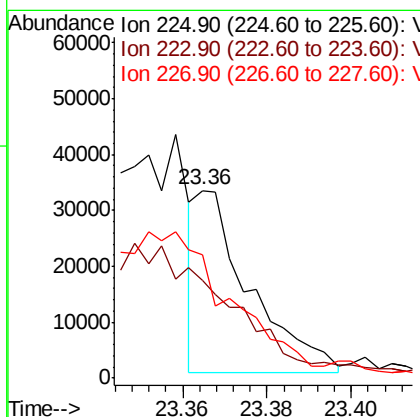
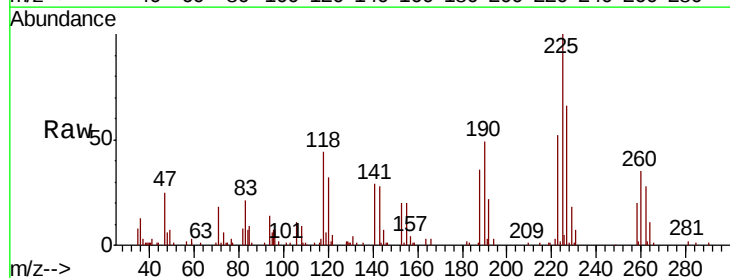
Instrument :
 MSVOA_L
 ClientSampled :

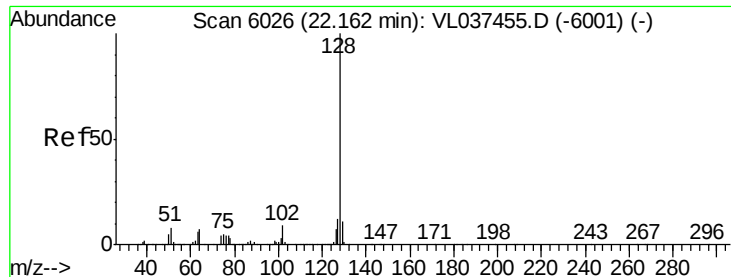
Tot Ion:146 Resp: 63233
 Ion Ratio Lower Upper
 146 100
 111 84.4 23.4 70.3#
 148 116.9 32.5 97.5#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.126 ppbv
 RT: 23.36 min Scan# 6400
 Delta R.T. 0.01 min
 Lab File: VL037490.D
 Acq: 18 Aug 2021 14:13

Tgt Ion:225 Resp: 28546
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.4 77.0#
 227 0.0 52.9 79.3#





#79

Naphthalene

Concen: 0.051 ppbv

RT: 22.17 min Scan# 6030

Delta R.T. 0.01 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

ClientSampleId :

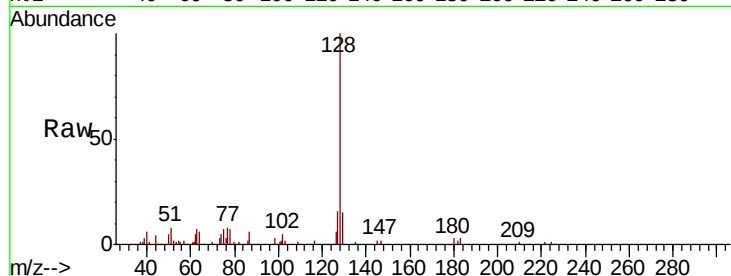
Tot Ion:128 Resp: 15765

Ion Ratio Lower Upper

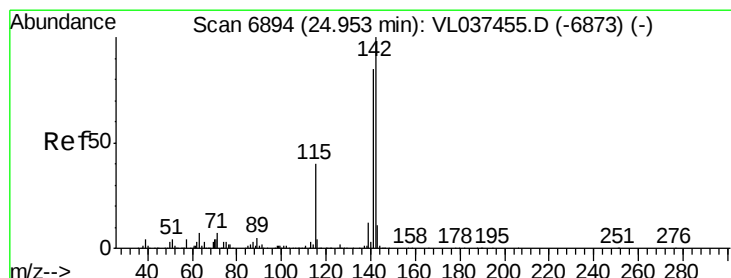
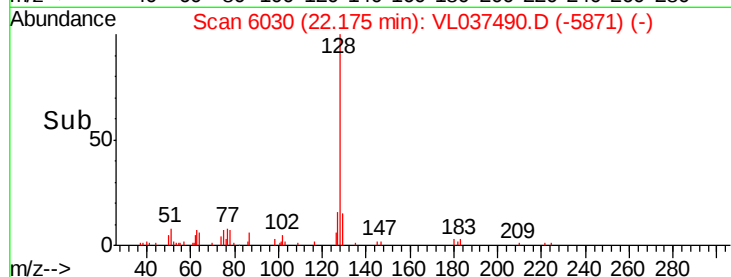
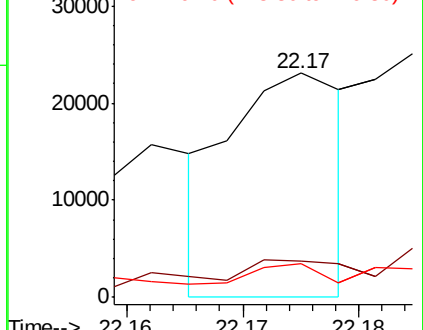
128 100

127 19.8 9.4 14.2#

129 26.4 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: 0.050 ppbv

RT: 24.98 min Scan# 6901

Delta R.T. 0.02 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

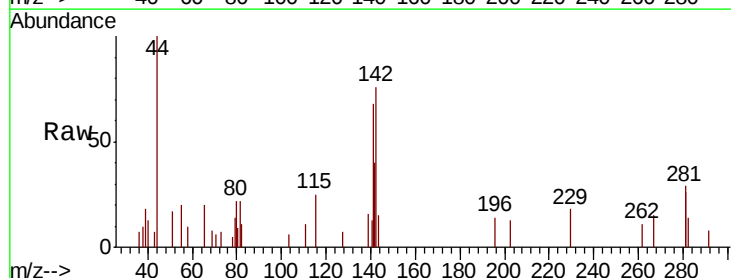
Tgt Ion:142 Resp: 4243

Ion Ratio Lower Upper

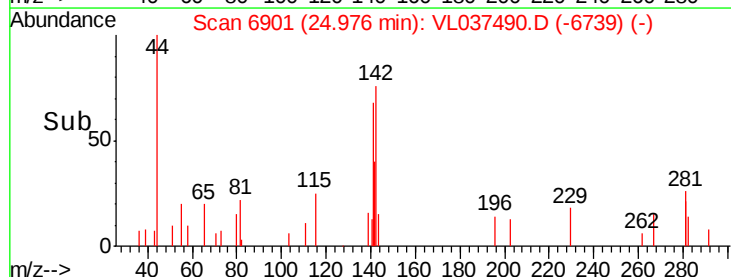
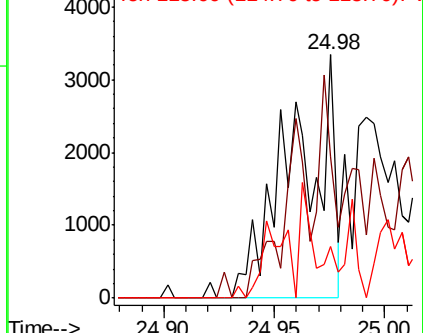
142 100

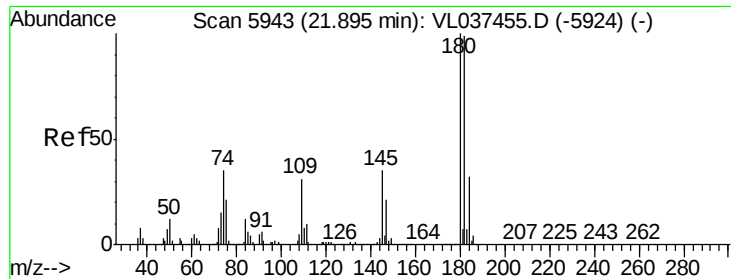
141 78.3 64.7 97.1

115 18.5 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: 0.126 ppbv

RT: 21.91 min Scan# 5949

Delta R.T. 0.02 min

Lab File: VL037490.D

Acq: 18 Aug 2021 14:13

Instrument :

MSVOA_L

ClientSampleId :

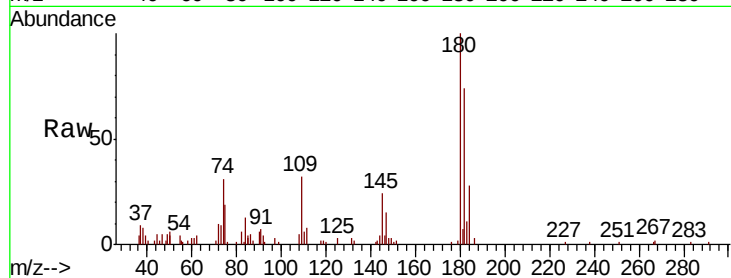
Tot Ion:180 Resp: 24277

Ion Ratio Lower Upper

180 100

182 242.3 79.6 119.4#

184 0.0 25.4 38.2#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

