

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081621\
 Data File : VL037482.D
 Acq On : 17 Aug 2021 4:28
 Operator : SY/AP
 Sample : M2940-13 0.45
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 17 07:47:41 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	1373594	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4126076	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3577291	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2614294	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds				Ovalue
2) Dichlorodifluoromethane	3.04	85	122752	0.557 ppbv 94
3) Chlorodifluoromethane	2.98	51	136131	0.518 ppbv 98
4) Chloromethane	3.13	50	45612	0.485 ppbv # 83
5) Vinyl Chloride	3.25	62	44375	0.461 ppbv 98
6) Bromomethane	3.46	94	16277	0.309 ppbv 82
7) Chloroethane	3.55	64	8313	0.253 ppbv # 80
8) Dichlorotetrafluoroethane	3.18	85	110685	0.486 ppbv 91
9) Propene	3.00	41	37123	0.394 ppbv # 77
10) Heptane	8.10	43	80290	0.371 ppbv # 85
11) Trichlorofluoromethane	3.93	101	101130	0.489 ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	36779	0.242 ppbv # 10
13) Ethanol	3.61	45	1187	0.130 ppbv # 39
14) Bromoethene	3.72	108	10453	0.152 ppbv # 1
15) Acetone	3.86	43	70890	0.507 ppbv # 52
16) 1,3-Butadiene	3.32	39	35586	0.397 ppbv # 78
18) 1,1-Dichloroethene	4.29	96	8554	0.124 ppbv 88
20) Methylene Chloride	4.33	84	34643	0.495 ppbv 86
21) Allyl Chloride	4.40	41	38557	0.340 ppbv # 58
22) trans-1,2-Dichloroethene	4.87	96	25742	0.374 ppbv 97
24) 1,1-Dichloroethane	4.99	63	79327	0.531 ppbv 97
25) Ethyl Acetate	5.68	43	143801	0.405 ppbv # 92
26) Hexane	5.68	57	73457	0.423 ppbv # 87
27) Carbon Disulfide	4.54	76	41766	0.270 ppbv # 68
28) Methyl tert-Butyl Ether	5.04	73	81443	0.489 ppbv 98
29) Chloroform	5.74	83	56807	0.231 ppbv 90
30) Cyclohexane	7.11	84	53567	0.371 ppbv # 71
31) cis-1,2-Dichloroethene	5.53	61	26232	0.167 ppbv 90
32) 1,1,1-Trichloroethane	6.49	97	107138	0.443 ppbv 95
35) Carbon Tetrachloride	7.00	117	95654	0.392 ppbv 95
36) Benzene	6.88	78	141439	0.408 ppbv # 94
37) 1,2-Dichloroethane	6.29	62	81375	0.474 ppbv 99
38) Trichloroethene	7.82	130	39306	0.276 ppbv # 87
39) 1,2-Dichloropropane	7.60	63	23572	0.177 ppbv # 79
42) Bromodichloromethane	7.77	83	101712	0.405 ppbv 88
43) Methyl Methacrylate	8.01	69	25827	0.214 ppbv # 1
44) 2,2,4-Trimethylpentane	7.85	57	238448	0.408 ppbv 94
45) t-1,3-Dichloropropene	9.25	75	3601	0.040 ppbv 90
46) cis-1,3-Dichloropropene	8.69	75	30128	0.237 ppbv 98
47) 1,1,2-Trichloroethane	9.46	97	53785	0.373 ppbv 90
48) Dibromochloromethane	10.29	129	34354	0.166 ppbv # 1
49) Bromoform	13.03	173	6761	0.041 ppbv # 25

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081621\
 Data File : VL037482.D
 Acq On : 17 Aug 2021 4:28
 Operator : SY/AP
 Sample : M2940-13 0.45
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 17 07:47:41 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)

52) Tetrachloroethene	11.20	164	31827	0.224	ppbv	92
53) Toluene	9.79	91	148329	0.375	ppbv	95
54) 1,2-Dibromoethane	10.59	107	83979	0.418	ppbv	92
56) 1,1,1,2-Tetrachloroethane	12.11	131	25388	0.170	ppbv #	1
57) Chlorobenzene	12.13	112	133738	0.450	ppbv #	86
58) Ethyl Benzene	12.69	91	75883	0.153	ppbv	95
59) m/p-Xylene	12.98	91	198801	0.462	ppbv #	41
60) o-Xylene	13.67	91	174580	0.435	ppbv	99
61) Styrene	13.51	104	52659	0.252	ppbv #	75
62) Isopropylbenzene	14.65	105	106423	0.188	ppbv #	32
63) 1,1,2,2-Tetrachloroethane	13.66	83	72706	0.244	ppbv #	20
64) n-propylbenzene	15.55	120	57885	0.401	ppbv	76
65) tert-Butylbenzene	16.73	119	233201	0.452	ppbv	95
66) Benzyl Chloride	16.98	91	2400	0.103	ppbv #	63
67) sec-Butylbenzene	17.27	105	318978	0.442	ppbv	98
69) p-Isopropyltoluene	17.64	119	243716	0.415	ppbv	98
70) n-Butylbenzene	18.53	91	213040	0.379	ppbv	99
71) 2-Chlorotoluene	15.43	91	161478	0.388	ppbv	98
72) 4-Ethyltoluene	15.83	105	184675	0.387	ppbv	97
73) 1,3,5-Trimethylbenzene	15.98	105	181014	0.407	ppbv	95
74) 1,2,4-Trimethylbenzene	16.74	105	202669	0.429	ppbv #	92
75) 1,3-Dichlorobenzene	16.98	146	10776	0.038	ppbv #	1
76) 1,4-Dichlorobenzene	17.12	146	57542	0.201	ppbv #	8
77) 1,2-Dichlorobenzene	17.80	146	65291	0.233	ppbv #	22
78) Hexachloro-1,3-Butadiene	23.37	225	21757	0.093	ppbv #	1
79) Naphthalene	22.18	128	19428	0.061	ppbv #	88
80) Naphthalene,2-methyl-	25.10	142	3377	0.038	ppbv	88
81) 1,2,4-Trichlorobenzene	21.90	180	24452	0.123	ppbv #	11

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081621\
Data File : VL037482.D
Acq On : 17 Aug 2021 4:28
Operator : SY/AP
Sample : M2940-13 0.45
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

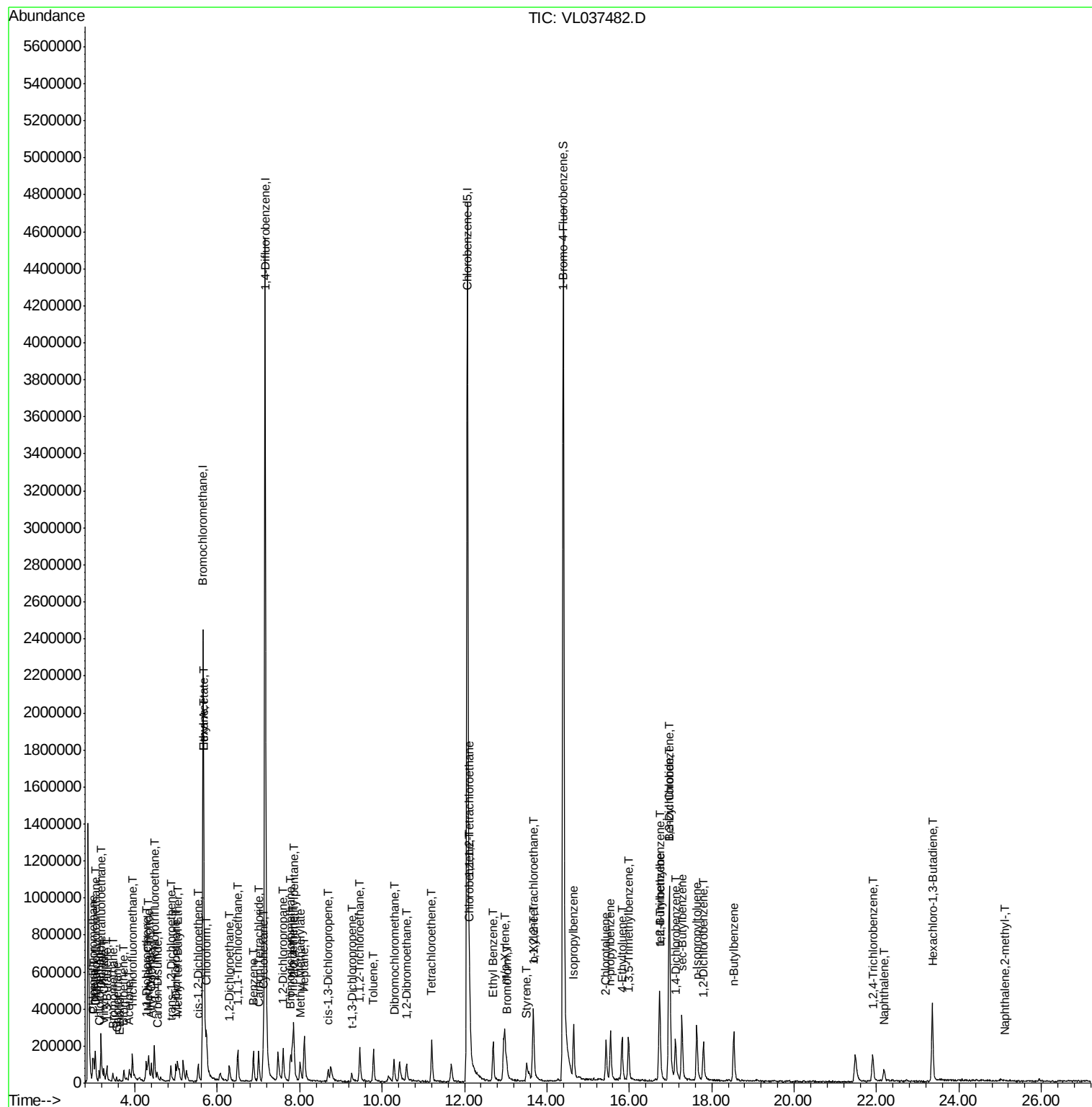
Quant Time: Aug 17 07:47:41 2021

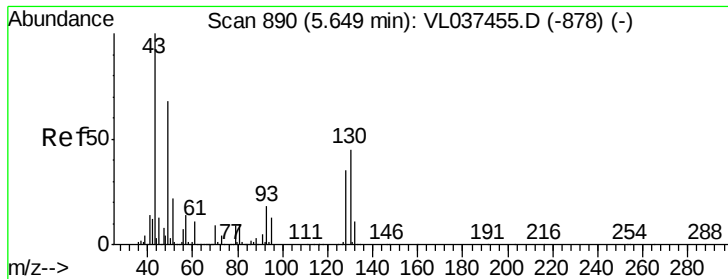
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M

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



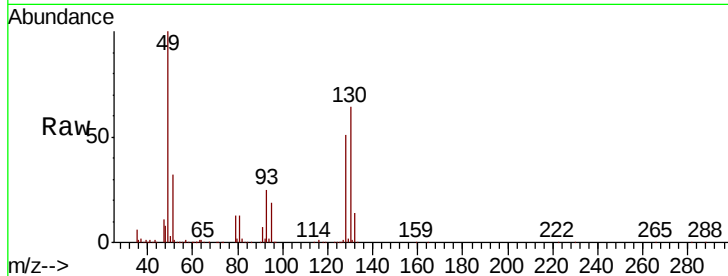


#1

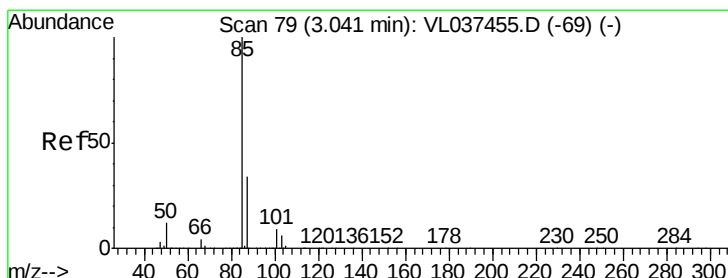
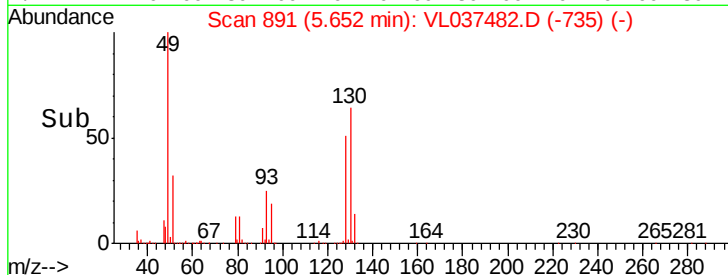
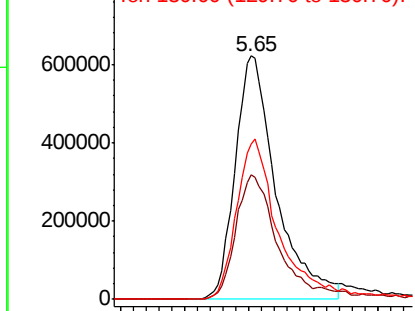
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. 0.00 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1373594
Ion Ratio Lower Upper
49 100
128 56.3 27.5 82.4
130 69.8 34.0 101.8



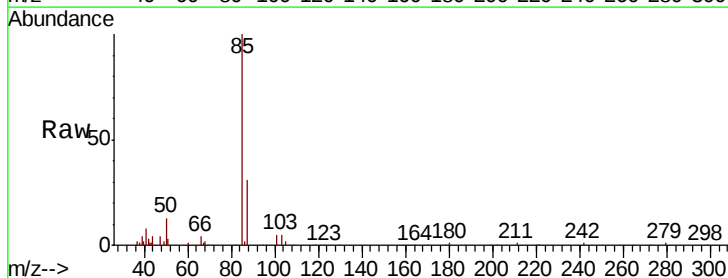
Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



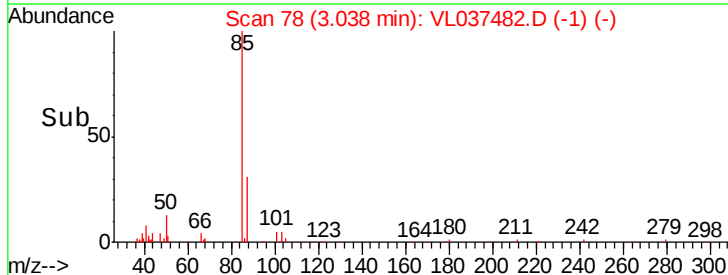
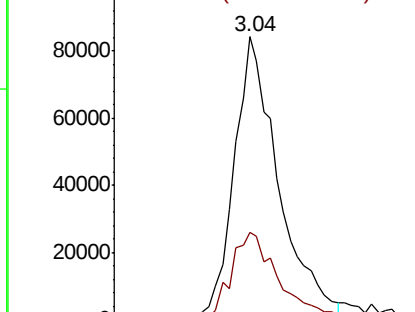
#2

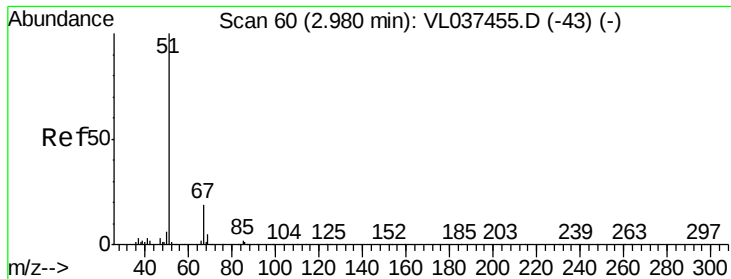
Dichlorodifluoromethane
Concen: 0.557 ppbv
RT: 3.04 min Scan# 78
Delta R.T. -0.00 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

Tgt Ion: 85 Resp: 122752
Ion Ratio Lower Upper
85 100
87 31.2 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: 0.518 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

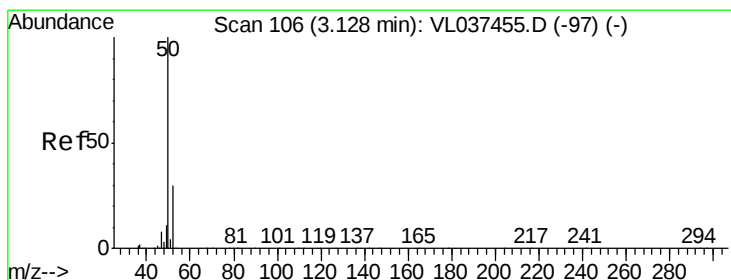
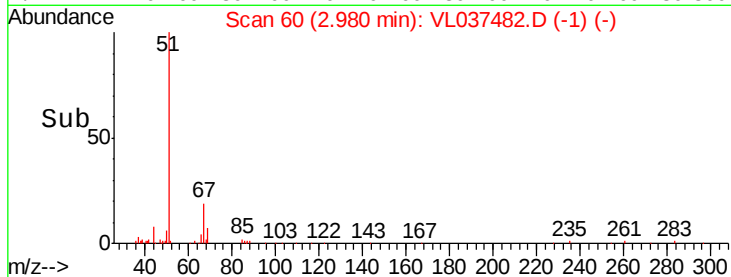
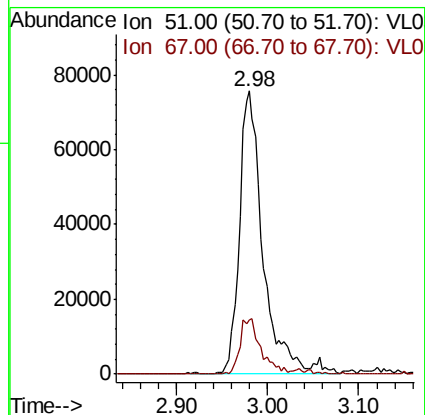
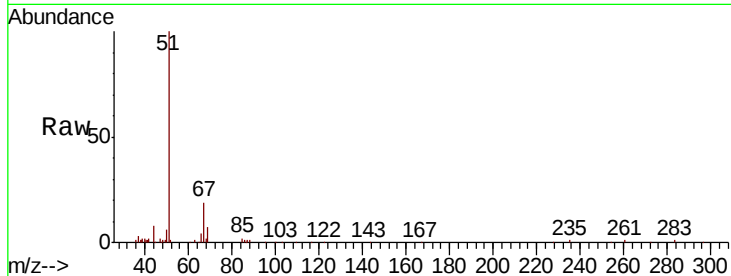
ClientSampleId :

Tot Ion: 51 Resp: 136131

Ion Ratio Lower Upper

51 100

67 18.6 14.2 21.2



#4

Chloromethane

Concen: 0.485 ppbv

RT: 3.13 min Scan# 107

Delta R.T. 0.00 min

Lab File: VL037482.D

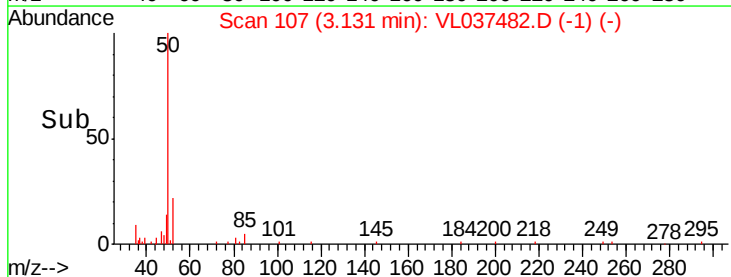
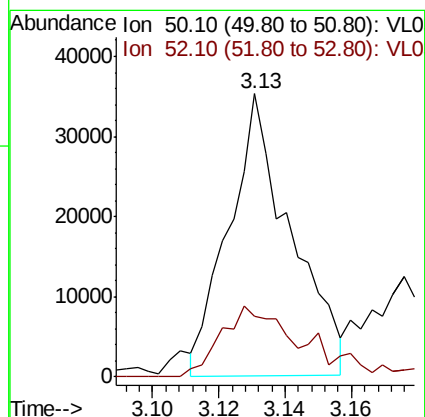
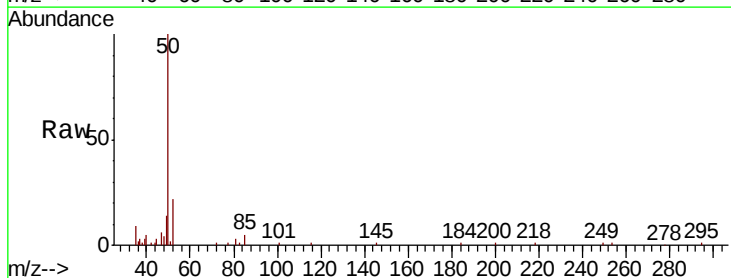
Acq: 17 Aug 2021 4:28

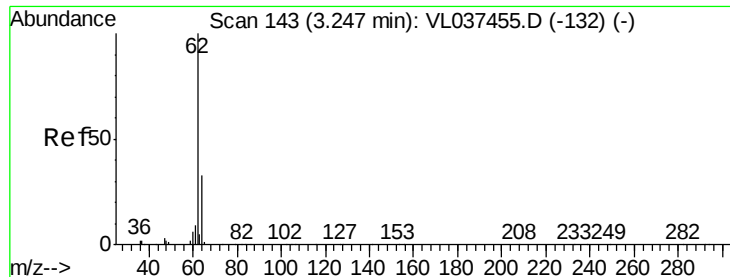
Tgt Ion: 50 Resp: 45612

Ion Ratio Lower Upper

50 100

52 20.6 24.0 36.0#





#5

Vinyl Chloride

Concen: 0.461 ppbv

RT: 3.25 min Scan# 144

Delta R.T. 0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

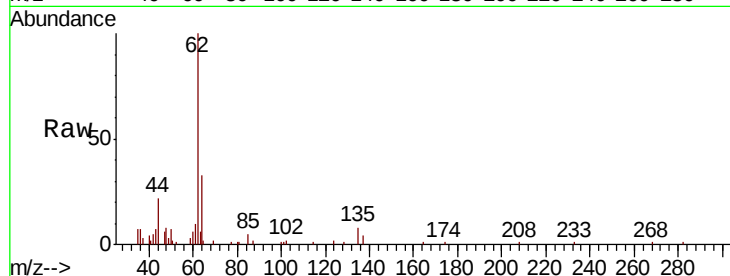
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 62 Resp: 44375

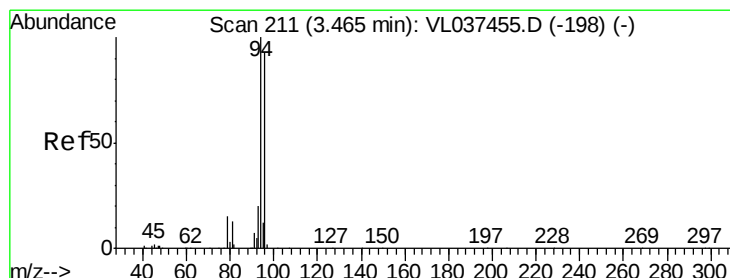
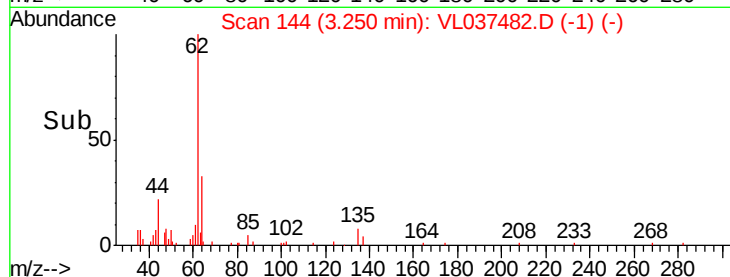
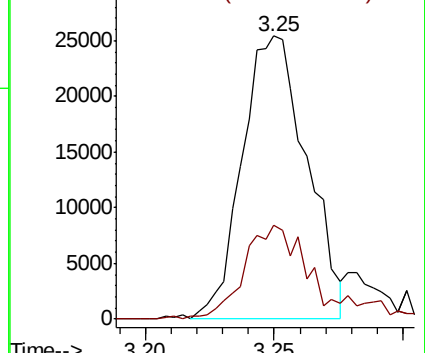
Ion Ratio Lower Upper

62 100

64 34.0 26.5 39.7



Abundance Ion 62.10 (61.80 to 62.80): VL0
Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.309 ppbv

RT: 3.46 min Scan# 210

Delta R.T. -0.00 min

Lab File: VL037482.D

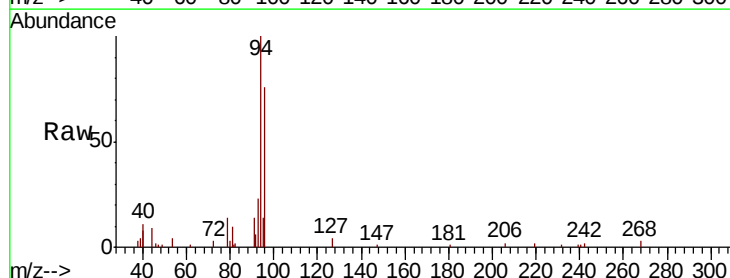
Acq: 17 Aug 2021 4:28

Tgt Ion: 94 Resp: 16277

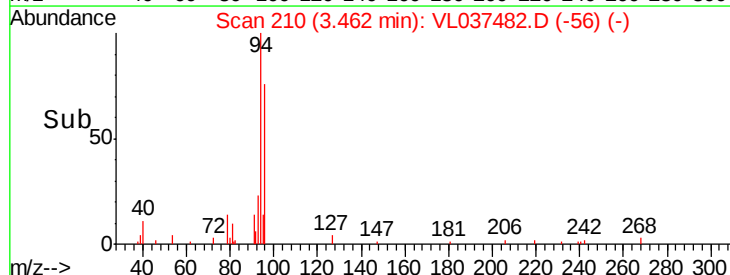
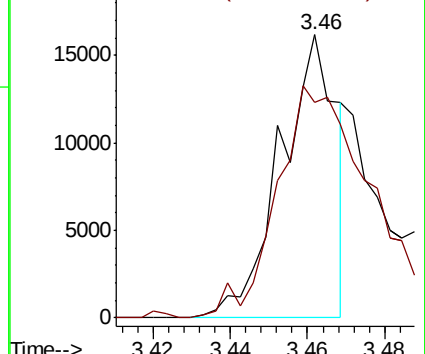
Ion Ratio Lower Upper

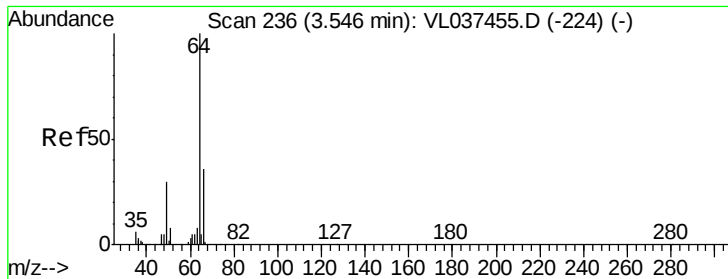
94 100

96 76.0 74.5 111.7



Abundance Ion 94.00 (93.70 to 94.70): VL0
Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.253 ppbv

RT: 3.55 min Scan# 236

Delta R.T. -0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

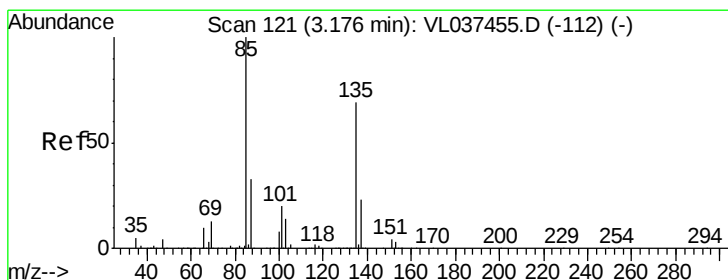
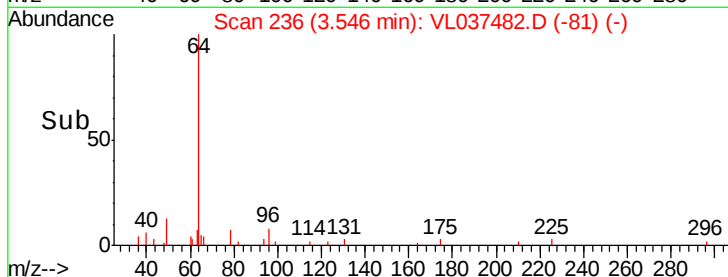
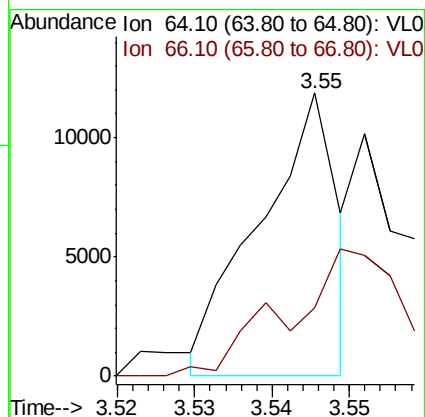
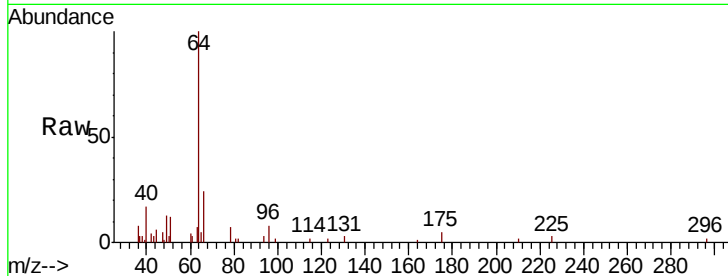
ClientSampleId :

Tot Ion: 64 Resp: 8313

Ion Ratio Lower Upper

64 100

66 24.1 28.6 43.0#



#8

Dichlorotetrafluoroethane

Concen: 0.486 ppbv

RT: 3.18 min Scan# 122

Delta R.T. 0.00 min

Lab File: VL037482.D

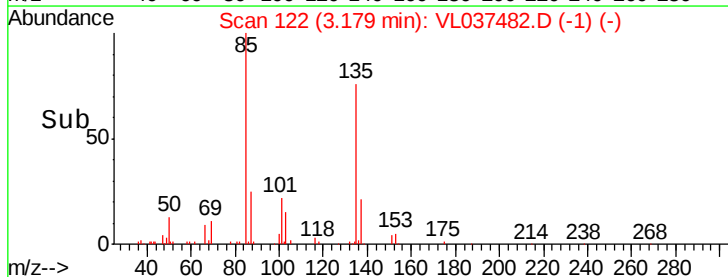
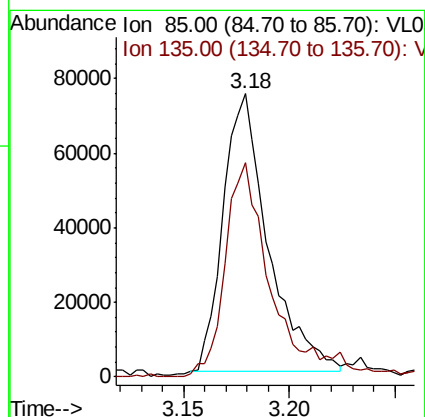
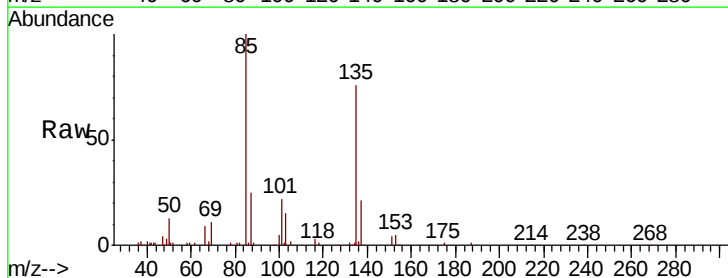
Acq: 17 Aug 2021 4:28

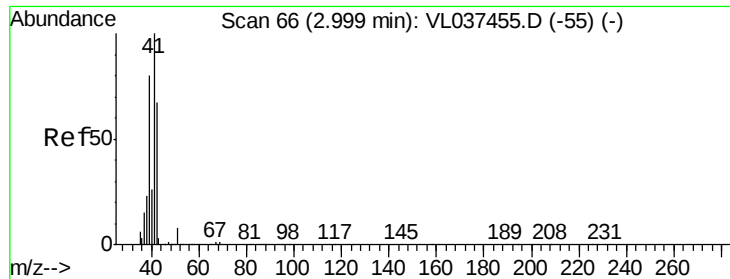
Tgt Ion: 85 Resp: 110685

Ion Ratio Lower Upper

85 100

135 80.8 58.8 88.2





#9

Propene

Concen: 0.394 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

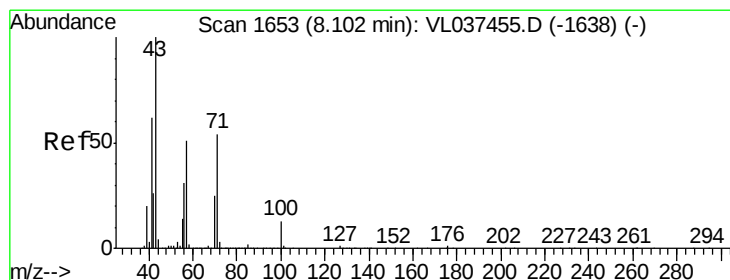
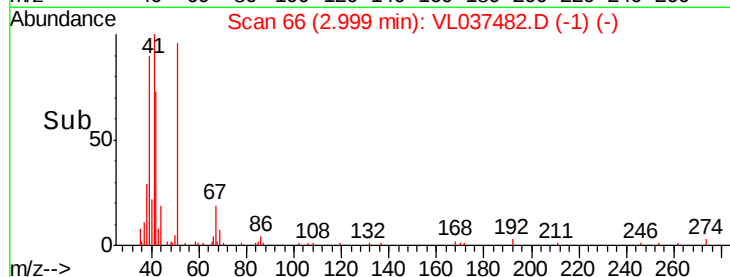
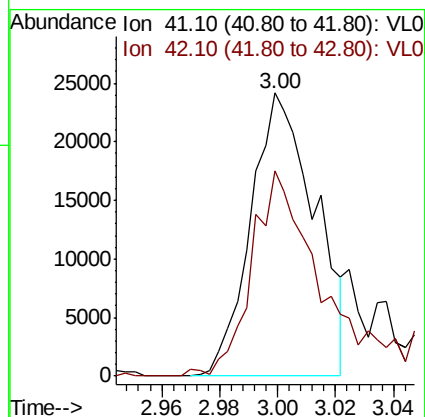
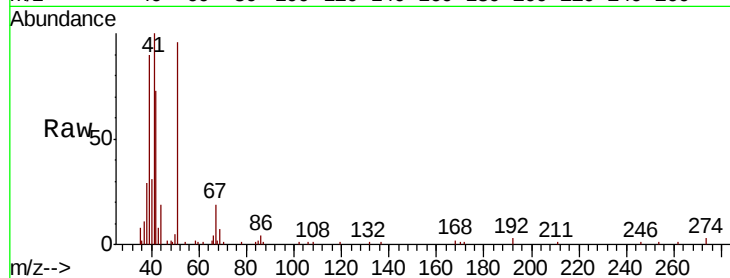
ClientSampleId :

Tot Ion: 41 Resp: 37123

Ion Ratio Lower Upper

41 100

42 85.7 53.7 80.5#



#10

Heptane

Concen: 0.371 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VL037482.D

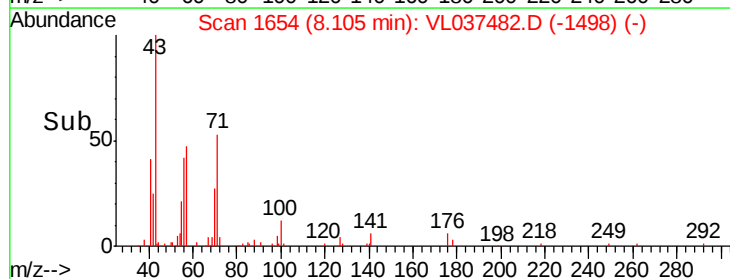
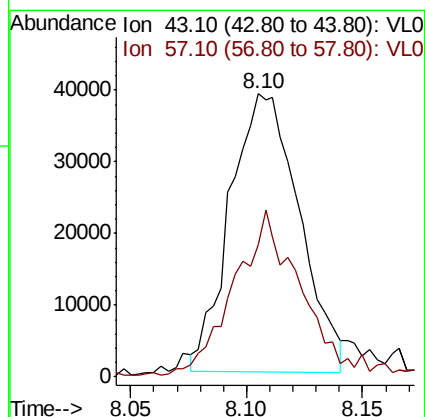
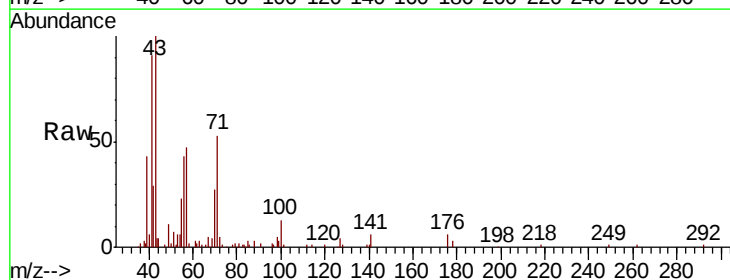
Acq: 17 Aug 2021 4:28

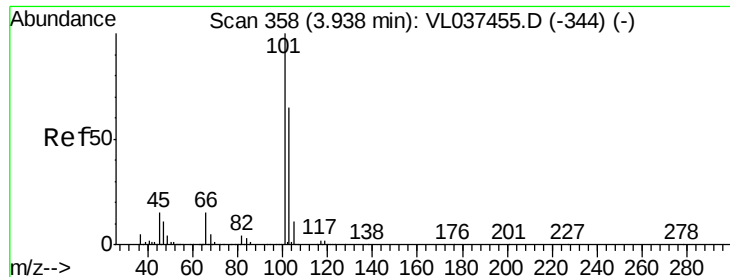
Tgt Ion: 43 Resp: 80290

Ion Ratio Lower Upper

43 100

57 62.1 41.0 61.6#

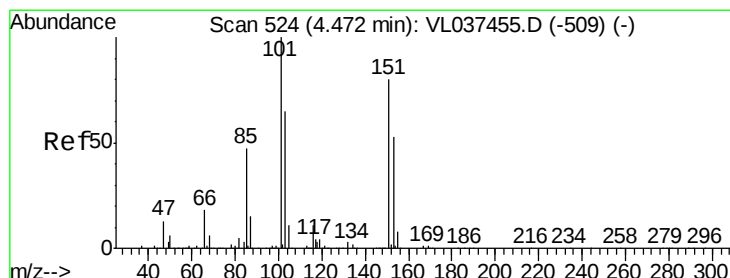
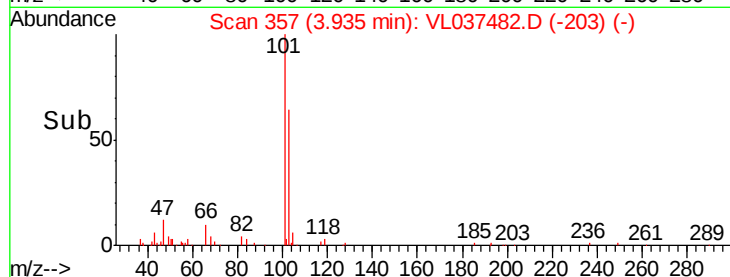
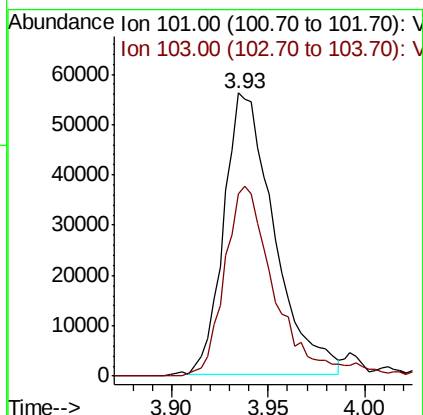
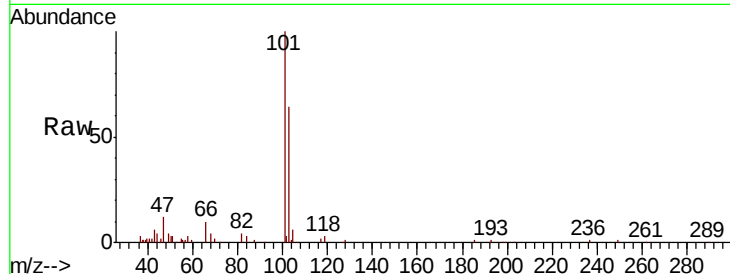




#11
 Trichlorofluoromethane
 Concen: 0.489 ppbv
 RT: 3.93 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

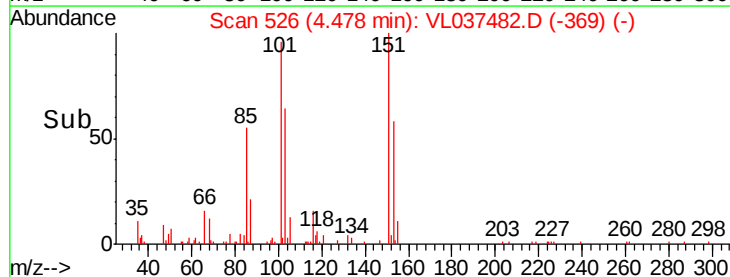
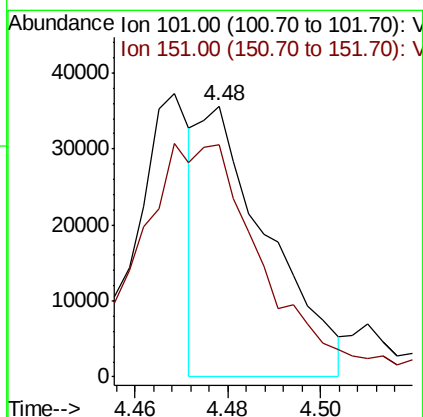
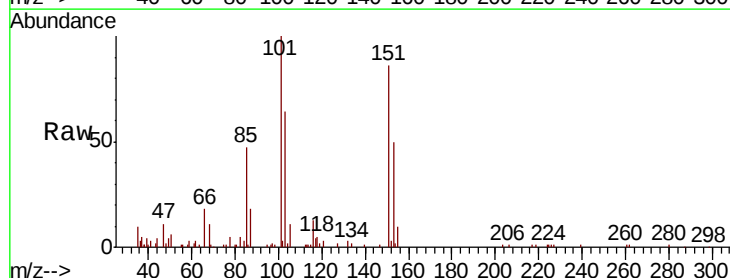
Instrument :
 MSVOA_L
 ClientSampleId :

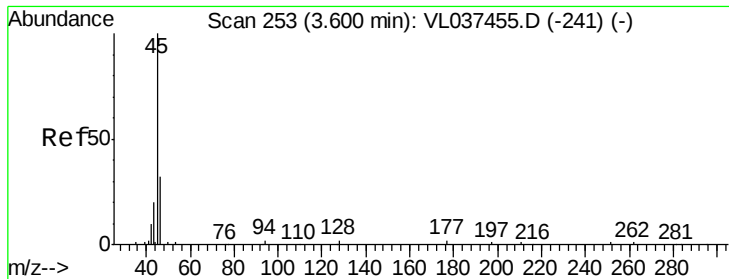
Tot Ion:101 Resp: 101130
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.242 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Tgt Ion:101 Resp: 36779
 Ion Ratio Lower Upper
 101 100
 151 0.0 63.7 95.5#

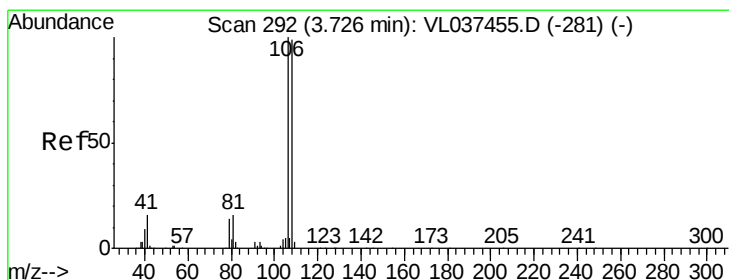
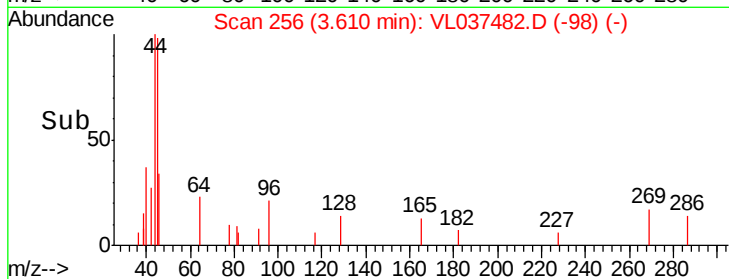
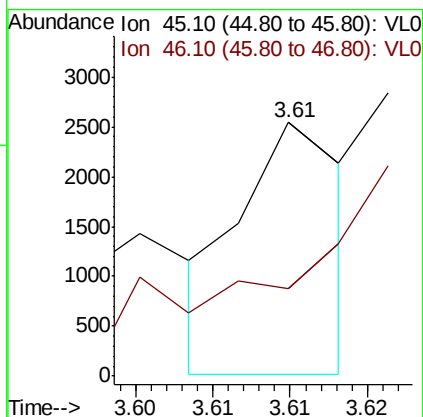
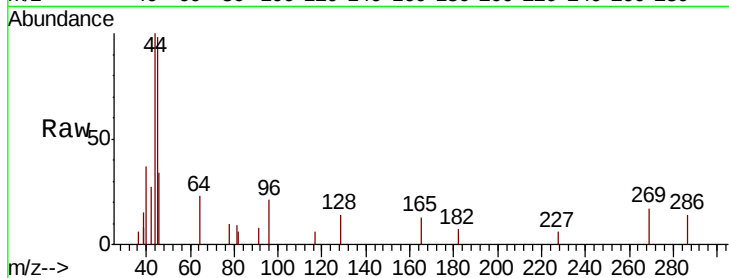




#13
Ethanol
Concen: 0.130 ppbv
RT: 3.61 min Scan# 256
Delta R.T. 0.01 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

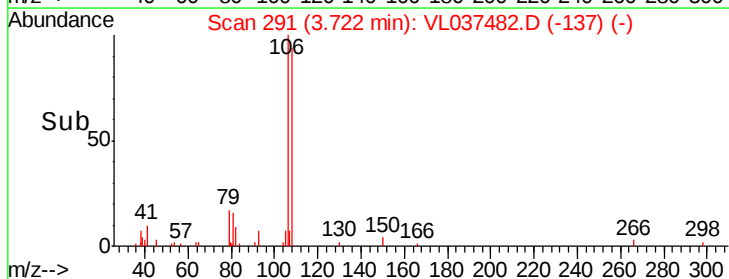
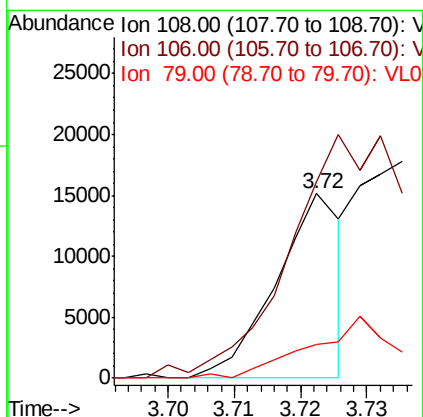
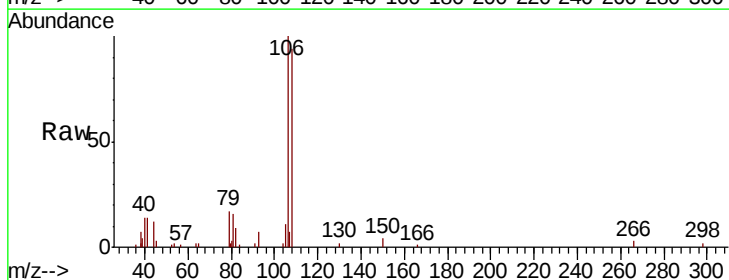
Instrument :
MSVOA_L
ClientSampleId :

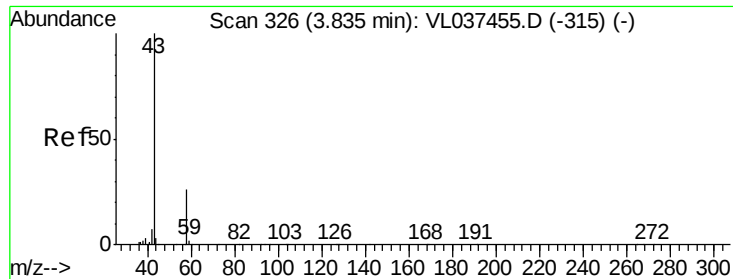
Tot Ion: 45 Resp: 1187
Ion Ratio Lower Upper
45 100
46 0.0 14.1 56.5#



#14
Bromoethene
Concen: 0.152 ppbv
RT: 3.72 min Scan# 291
Delta R.T. -0.00 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

Tgt Ion: 108 Resp: 10453
Ion Ratio Lower Upper
108 100
106 346.6 85.8 128.8#
79 57.2 12.6 18.8#

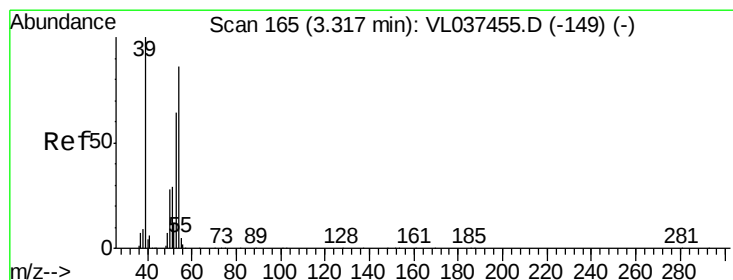
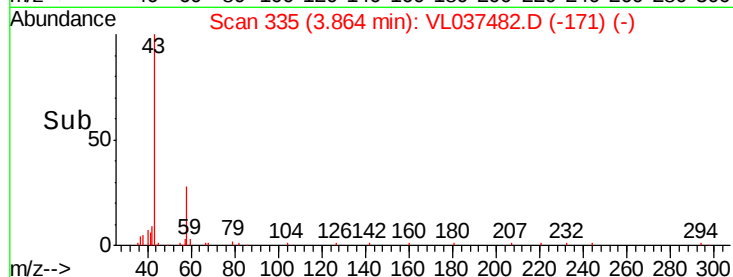
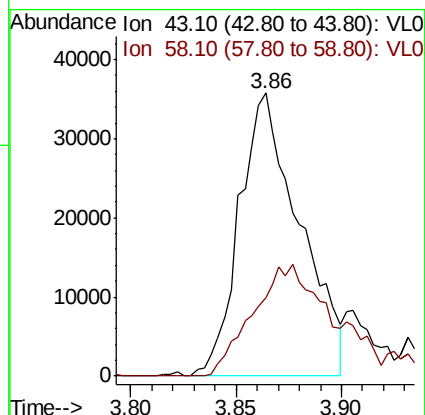
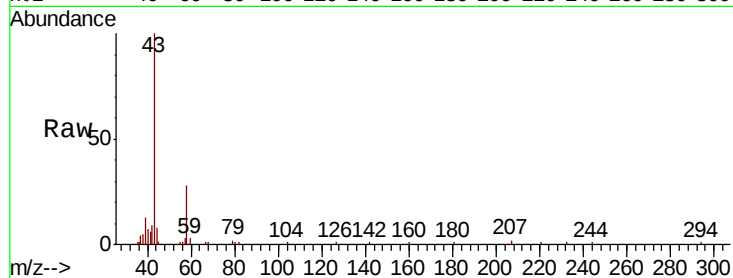




#15
Acetone
Concen: 0.507 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.03 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

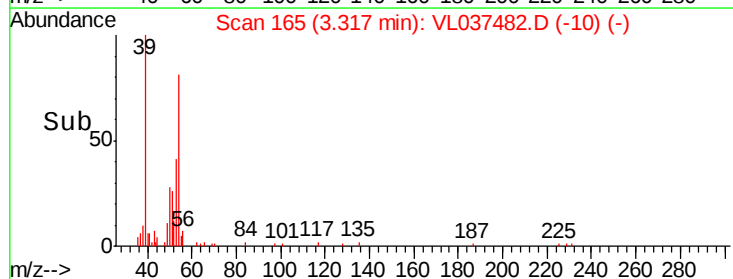
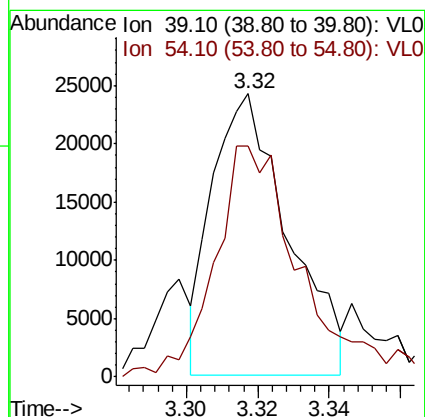
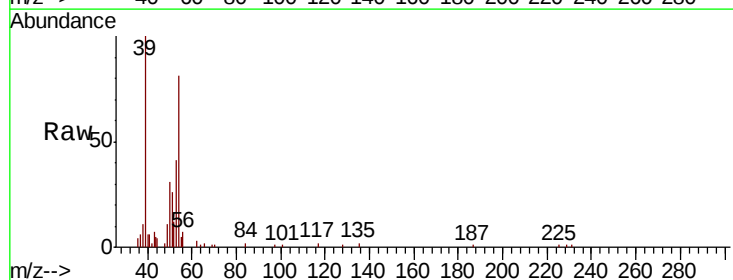
Instrument :
MSVOA_L
ClientSampleId :

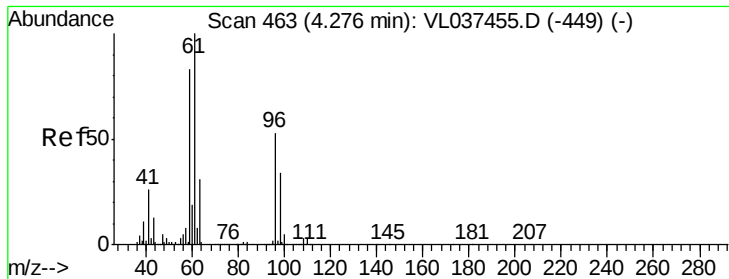
Tot Ion: 43 Resp: 70890
Ion Ratio Lower Upper
43 100
58 57.3 24.8 37.2#



#16
1,3-Butadiene
Concen: 0.397 ppbv
RT: 3.32 min Scan# 165
Delta R.T. -0.00 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

Tgt Ion: 39 Resp: 35586
Ion Ratio Lower Upper
39 100
54 99.1 63.7 95.5#





#18

1,1-Dichloroethene

Concen: 0.124 ppbv

RT: 4.29 min Scan# 466

Delta R.T. 0.01 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :
MSVOA_L
ClientSampled :

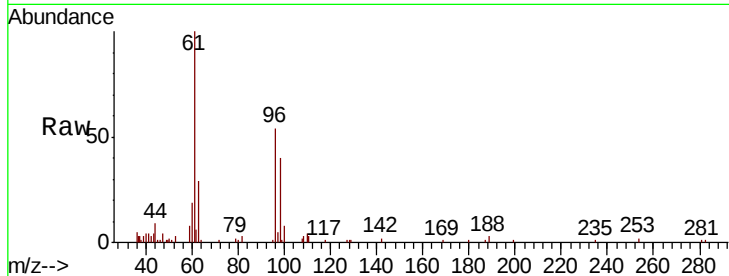
Tot Ion: 96 Resp: 8554

Ion Ratio Lower Upper

96 100

61 209.2 151.1 226.7

98 60.6 51.8 77.8

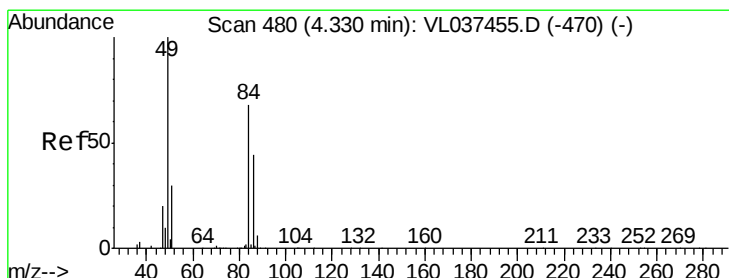
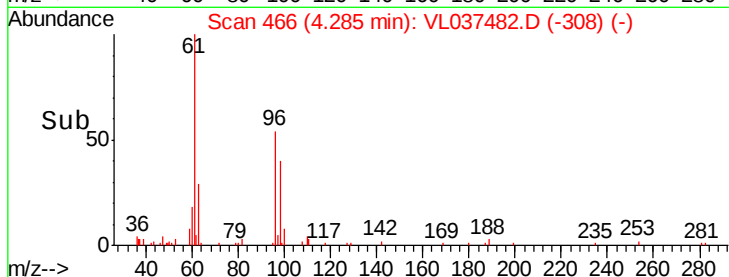
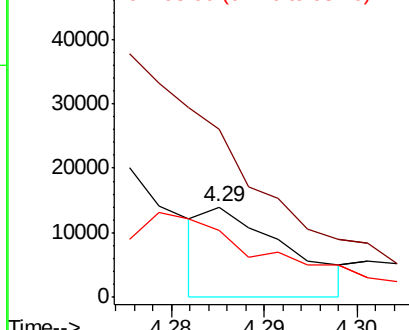


Abundance

Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#20

Methylene Chloride

Concen: 0.495 ppbv

RT: 4.33 min Scan# 481

Delta R.T. 0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Tgt Ion: 84 Resp: 34643

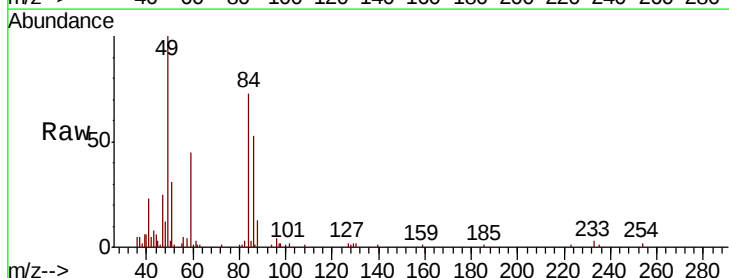
Ion Ratio Lower Upper

84 100

49 125.5 118.2 177.2

51 40.1 36.6 55.0

86 71.4 51.8 77.6



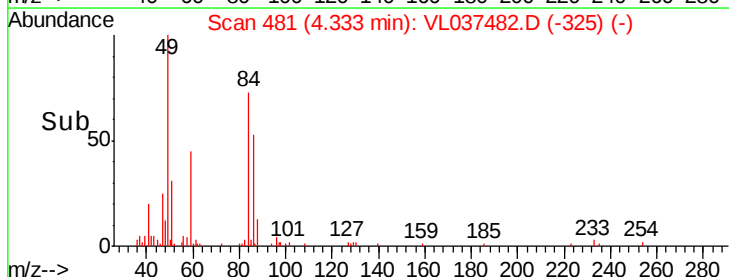
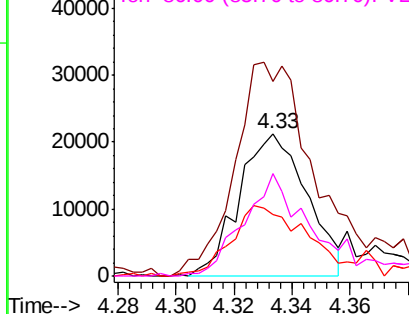
Abundance

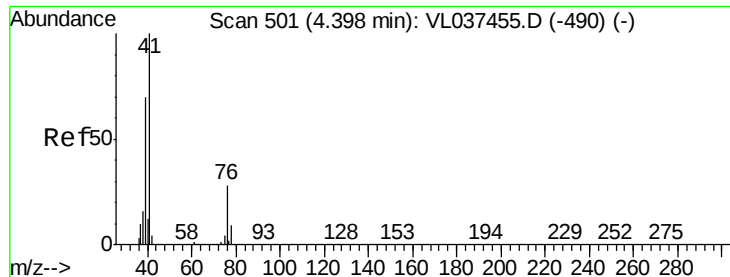
Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

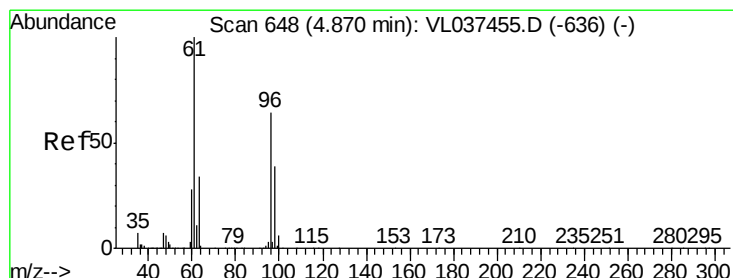
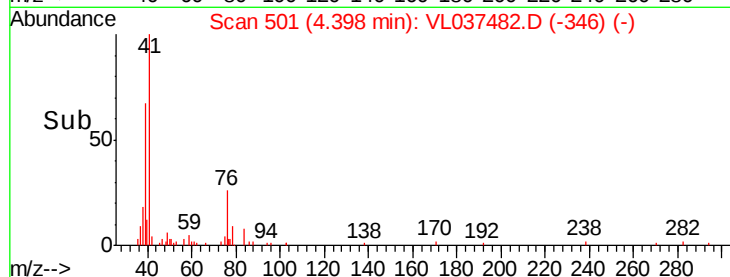
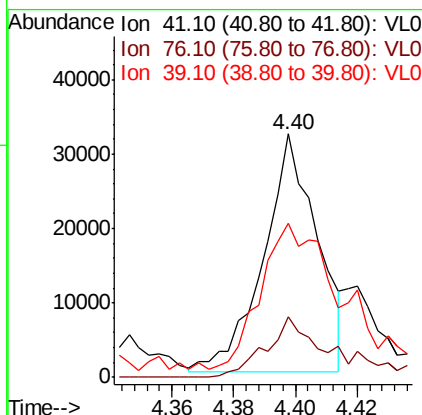
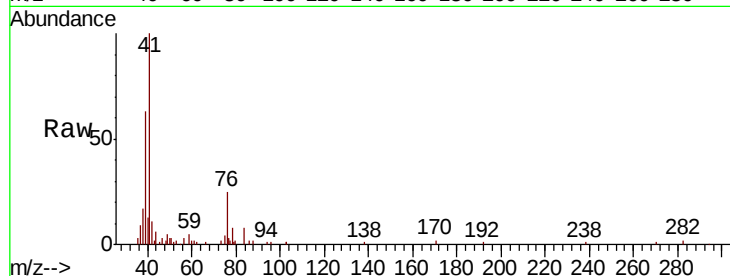




#21
Allvl Chloride
Concen: 0.340 ppbv
RT: 4.40 min Scan# 501
Delta R.T. -0.00 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

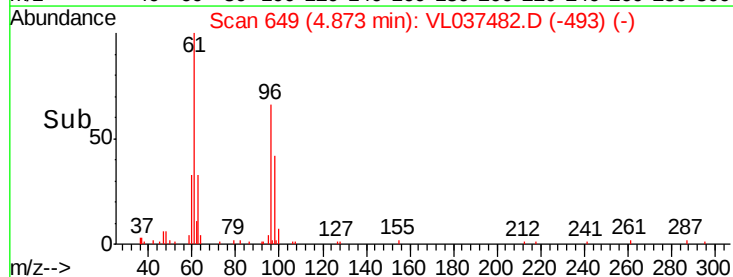
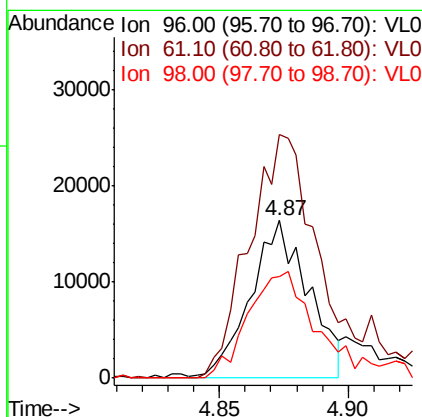
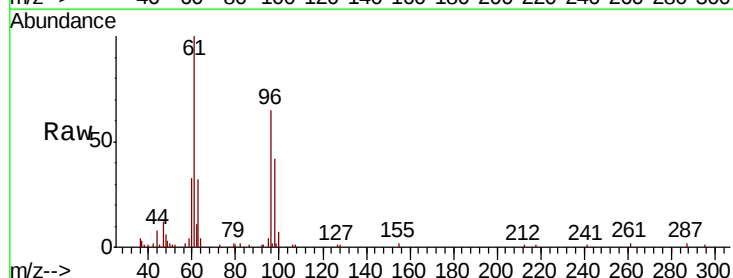
Instrument :
MSVOA_L
ClientSampleId :

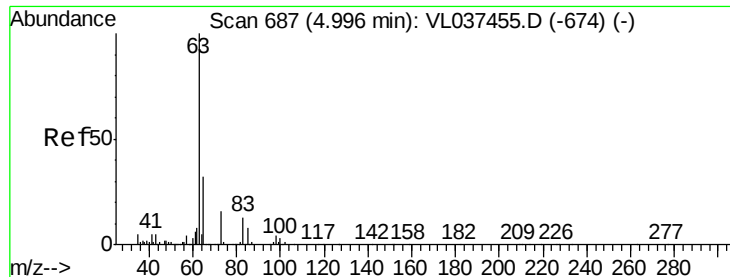
Tot Ion: 41 Resp: 38557
Ion Ratio Lower Upper
41 100
76 35.4 21.8 32.6#
39 113.6 56.8 85.2#



#22
trans-1,2-Dichloroethene
Concen: 0.374 ppbv
RT: 4.87 min Scan# 649
Delta R.T. 0.00 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

Tgt Ion: 96 Resp: 25742
Ion Ratio Lower Upper
96 100
61 156.5 125.5 188.3
98 68.4 49.0 73.4





#24

1,1-Dichloroethane

Concen: 0.531 ppbv

RT: 4.99 min Scan# 686

Delta R.T. -0.00 min

Lab File: VL037482.D

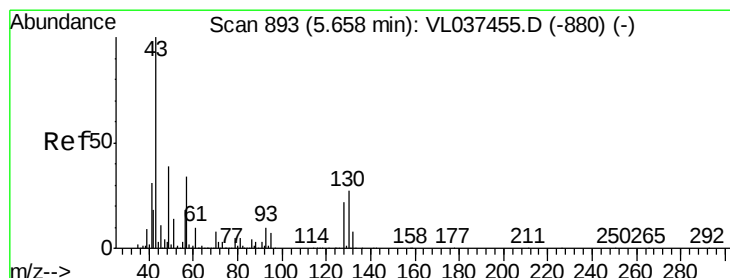
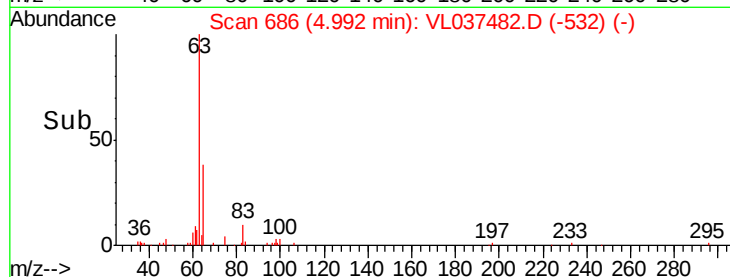
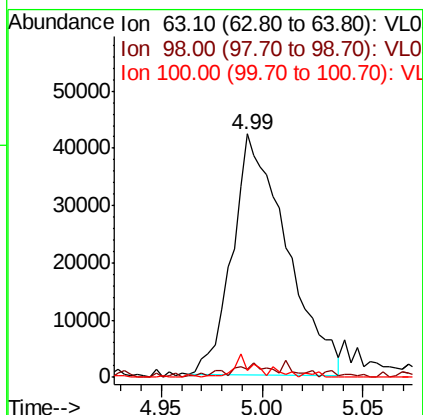
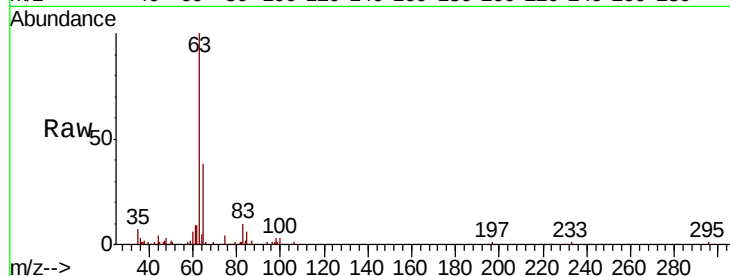
Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

ClientSampled :

Tot Ion:	63	Resp:	79327
Ion	Ratio	Lower	Upper
63	100		
98	2.5	2.1	6.3
100	3.0	1.6	4.7



#25

Ethyl Acetate

Concen: 0.405 ppbv

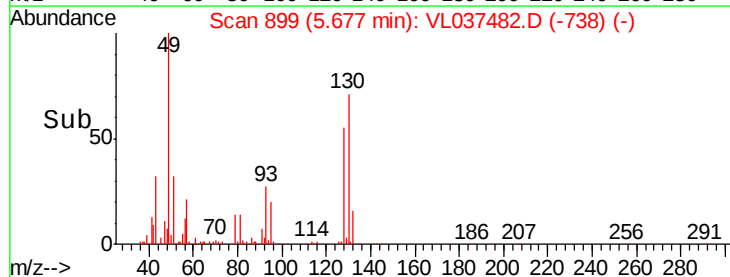
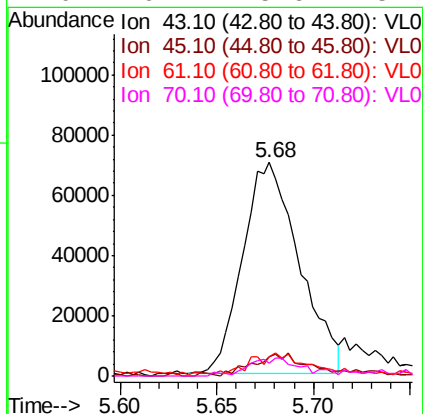
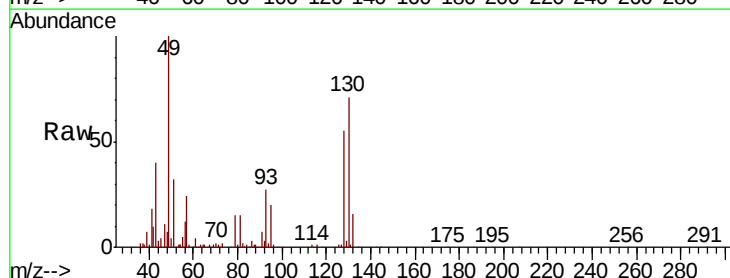
RT: 5.68 min Scan# 899

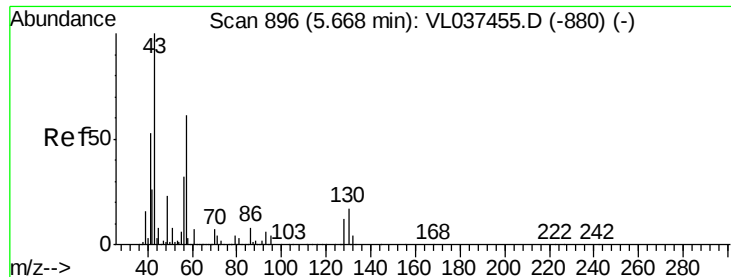
Delta R.T. 0.02 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Tgt Ion:	43	Resp:	143801
Ion	Ratio	Lower	Upper
43	100		
45	12.3	8.0	12.0#
61	12.9	8.0	12.0#
70	10.2	5.6	8.4#

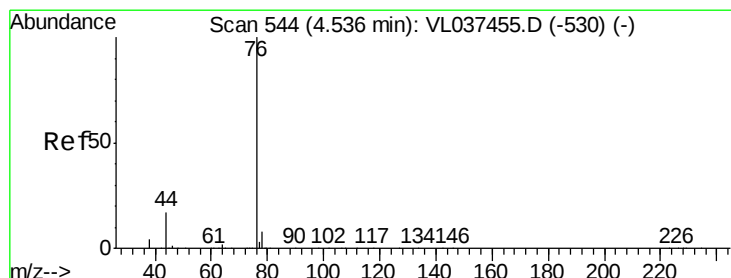
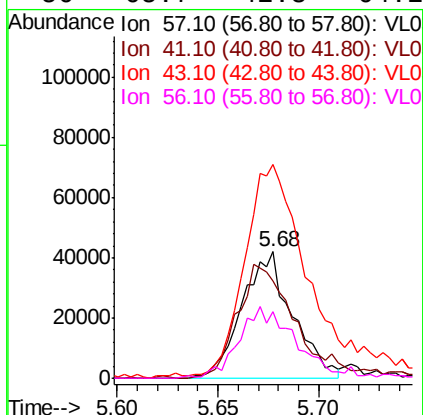
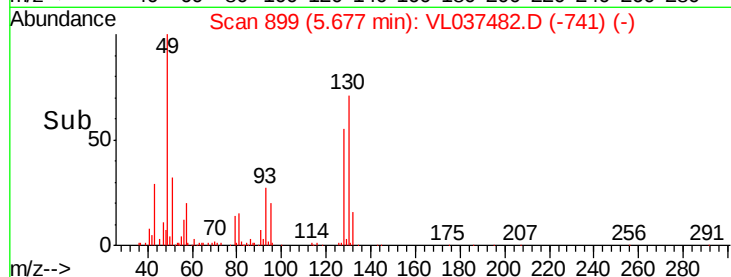
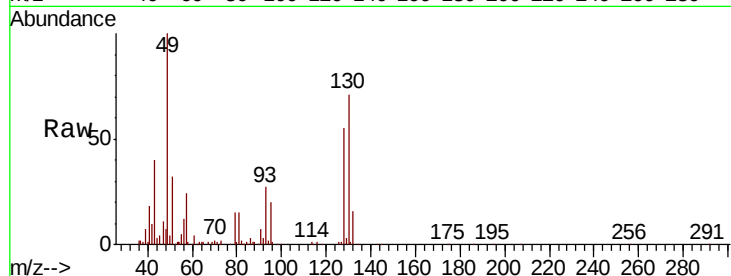




#26
Hexane
Concen: 0.423 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

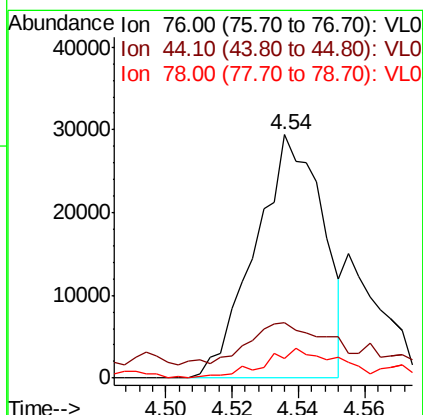
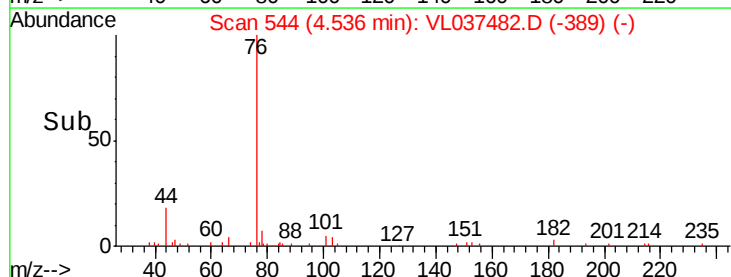
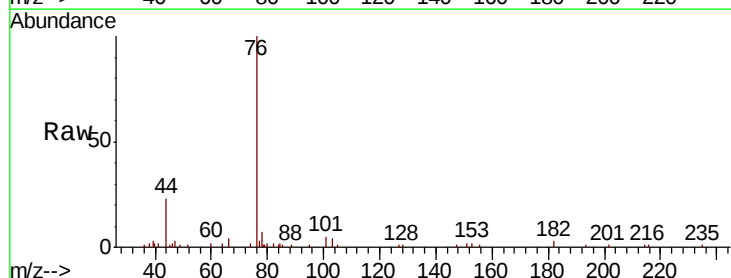
Instrument :
MSVOA_L
ClientSampled :

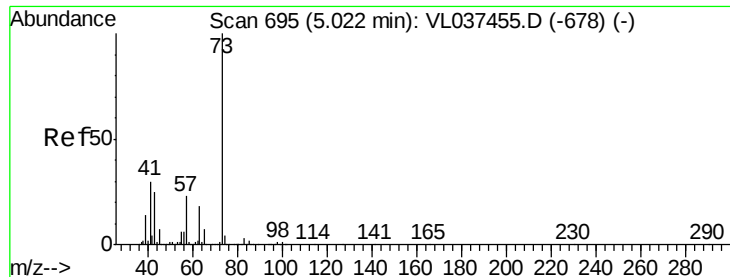
Tot Ion: 57 Resp: 73457
Ion Ratio Lower Upper
57 100
41 109.3 72.3 108.5#
43 228.9 172.3 258.5
56 65.7 42.8 64.2#



#27
Carbon Disulfide
Concen: 0.270 ppbv
RT: 4.54 min Scan# 544
Delta R.T. -0.00 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

Tgt Ion: 76 Resp: 41766
Ion Ratio Lower Upper
76 100
44 34.6 13.9 20.9#
78 16.7 7.9 11.9#



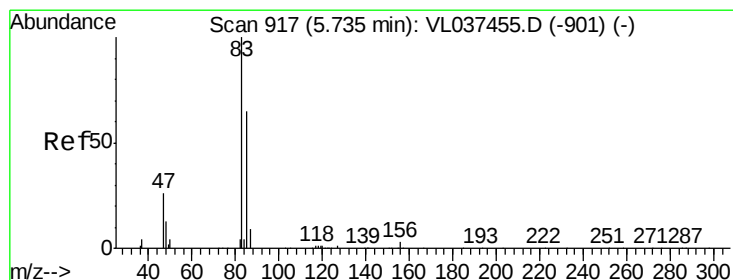
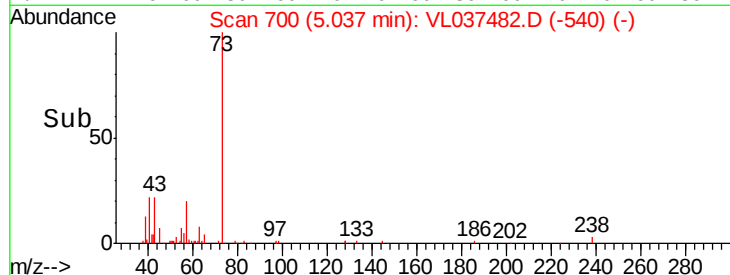
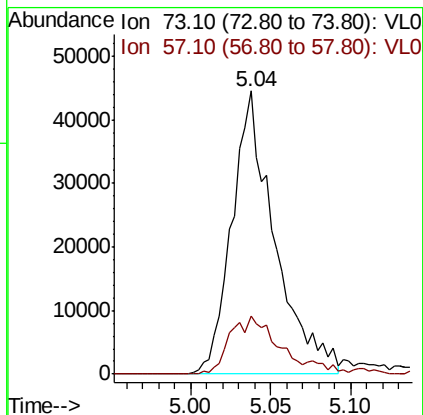
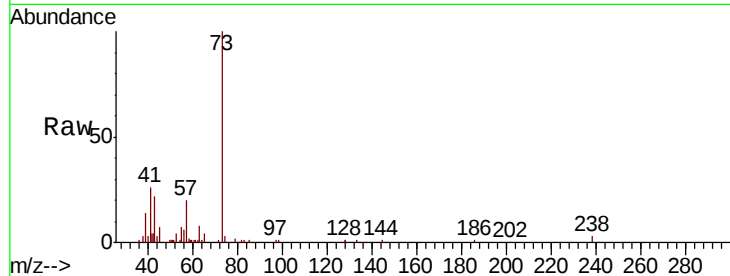


#28

Methvl tert-Butvl Ether
 Concen: 0.489 ppbv
 RT: 5.04 min Scan# 700
 Delta R.T. 0.02 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Instrument :
 MSVOA_L
 ClientSampleId :

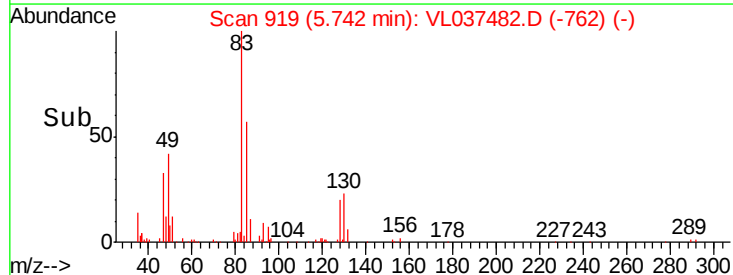
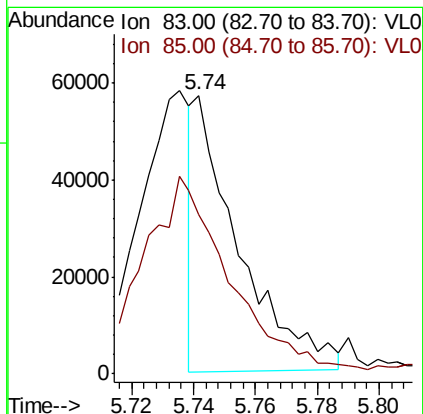
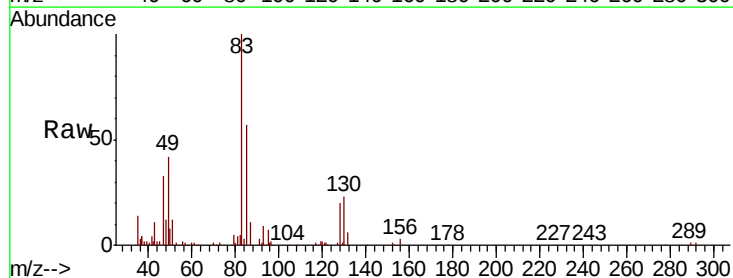
Tot Ion: 73 Resp: 81443
 Ion Ratio Lower Upper
 73 100
 57 25.5 19.4 29.2

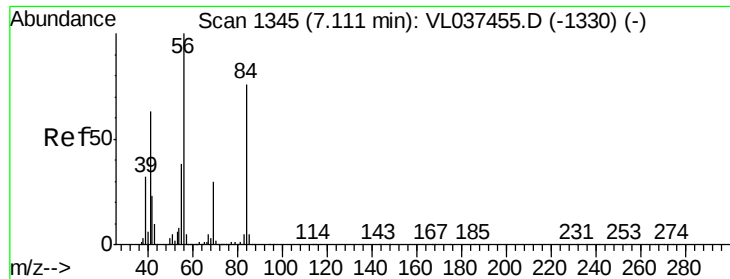


#29

Chloroform
 Concen: 0.231 ppbv
 RT: 5.74 min Scan# 919
 Delta R.T. 0.01 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Tgt Ion: 83 Resp: 56807
 Ion Ratio Lower Upper
 83 100
 85 57.9 52.3 78.5

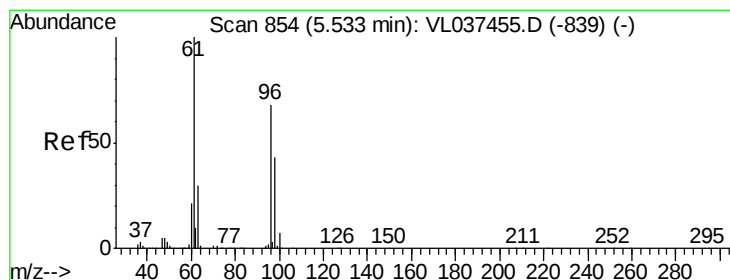
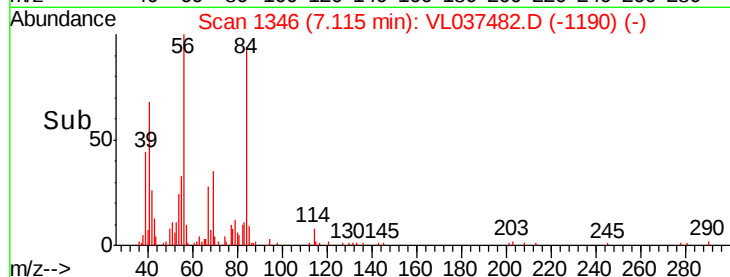
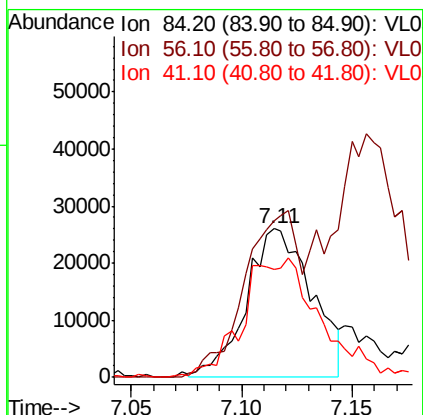
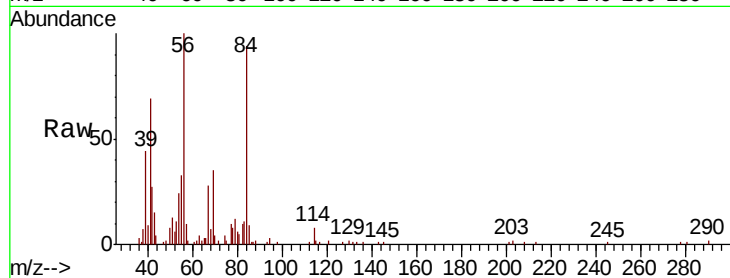




#30
Cvclohexane
Concen: 0.371 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

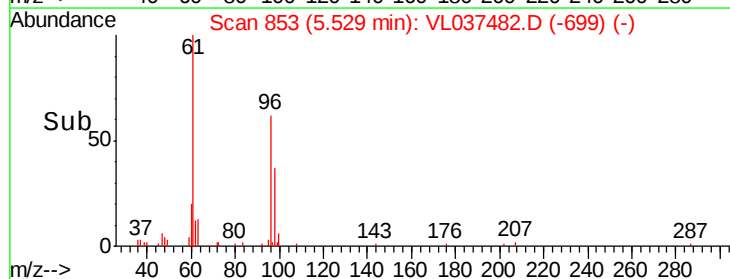
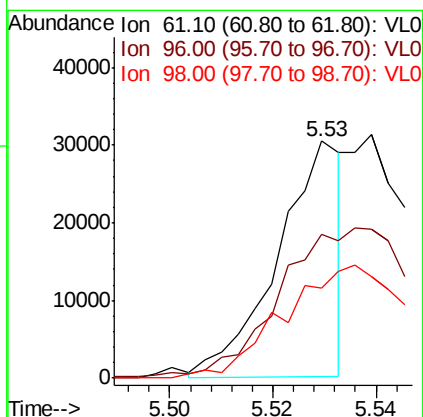
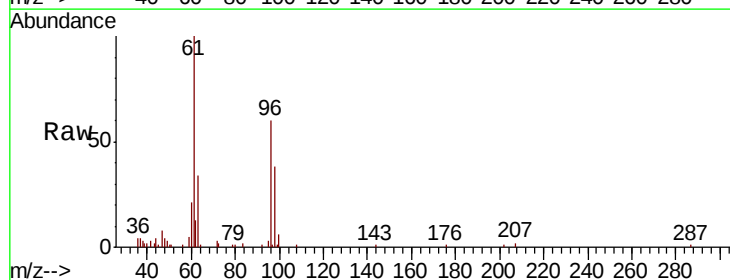
Instrument :
MSVOA_L
ClientSampled :

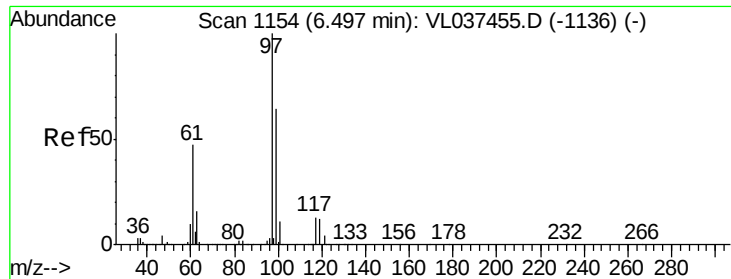
Tot Ion: 84 Resp: 53567
Ion Ratio Lower Upper
84 100
56 92.1 110.6 165.8#
41 97.3 67.0 100.6



#31
cis-1,2-Dichloroethene
Concen: 0.167 ppbv
RT: 5.53 min Scan# 853
Delta R.T. -0.00 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

Tgt Ion: 61 Resp: 26232
Ion Ratio Lower Upper
61 100
96 60.4 54.8 82.2
98 36.7 34.2 51.2

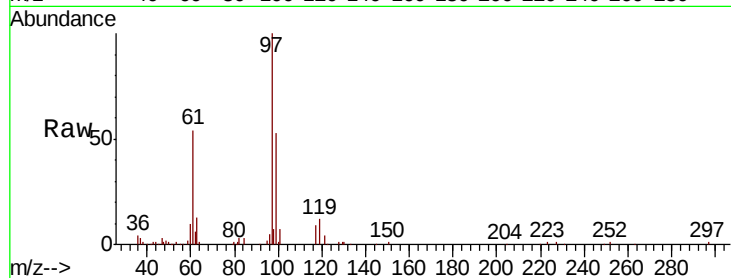




#32
 1,1,1-Trichloroethane
 Concen: 0.443 ppbv
 RT: 6.49 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
97	100		
99	67.7	51.8	77.6
61	53.5	39.6	59.4

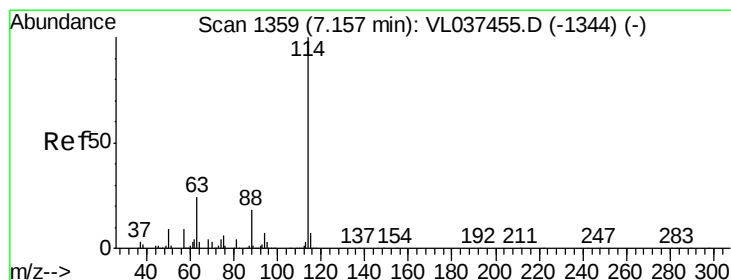
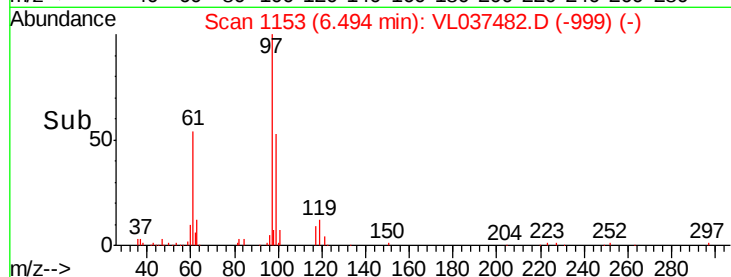
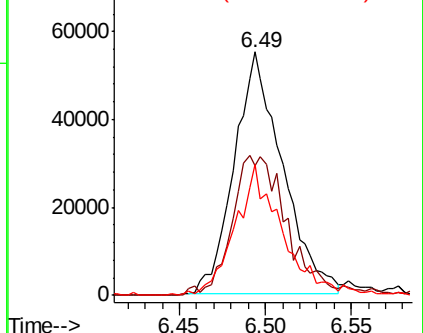


Abundance

Ion 97.00 (96.70 to 97.70): VL0

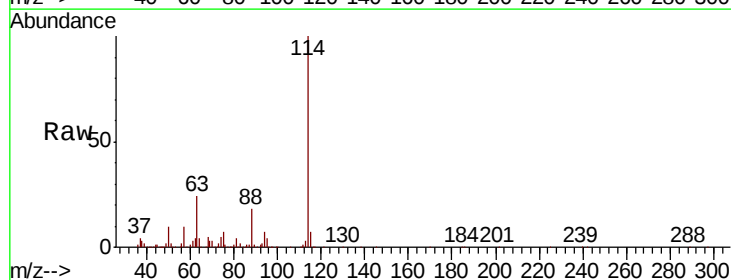
Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.3	28.9
88	17.8	14.2	21.4

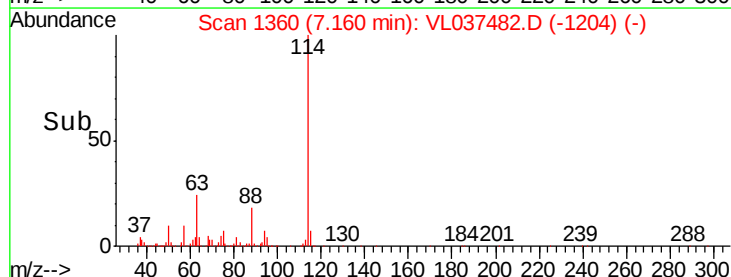
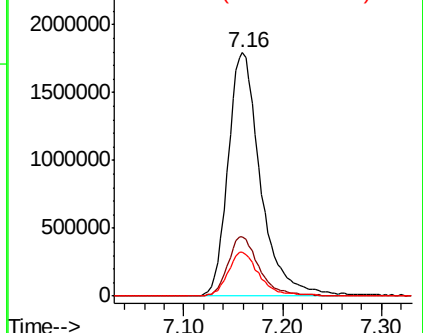


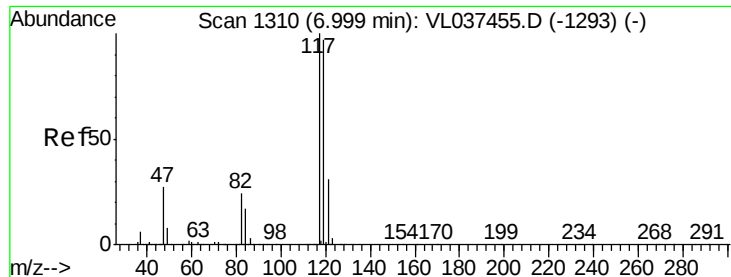
Abundance

Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#35

Carbon Tetrachloride

Concen: 0.392 ppbv

RT: 7.00 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

ClientSampleId :

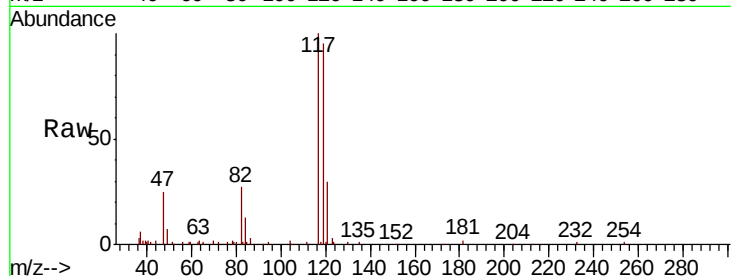
Tot Ion:117 Resp: 95654

Ion Ratio Lower Upper

117 100

119 91.5 77.3 115.9

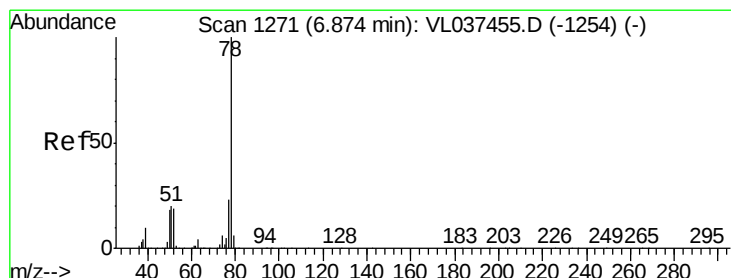
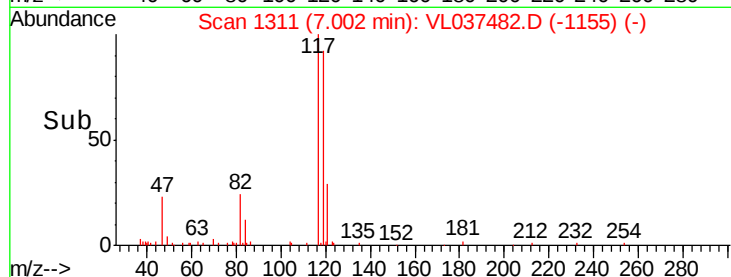
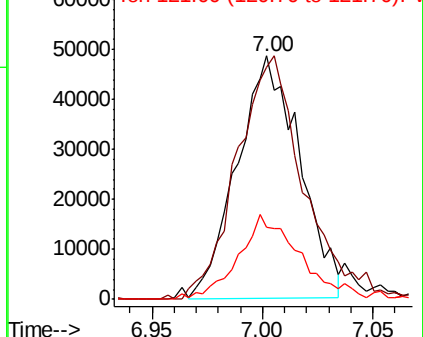
121 29.1 25.2 37.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.408 ppbv

RT: 6.88 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

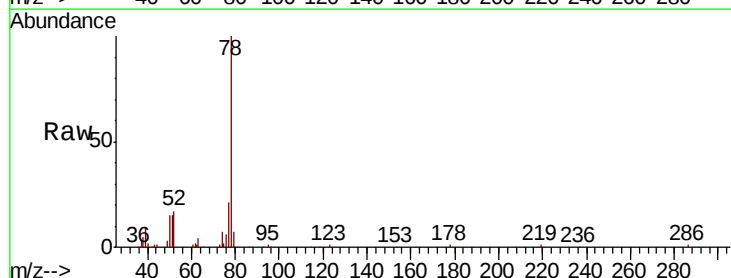
Tgt Ion: 78 Resp: 141439

Ion Ratio Lower Upper

78 100

77 21.5 18.2 27.4

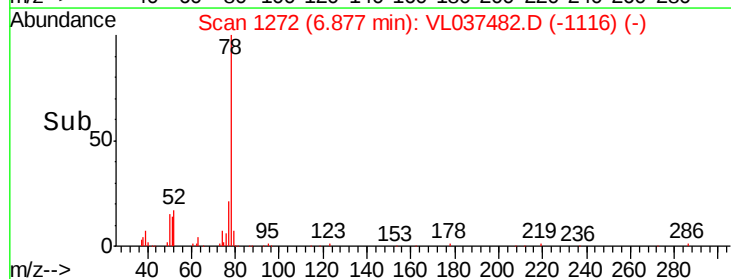
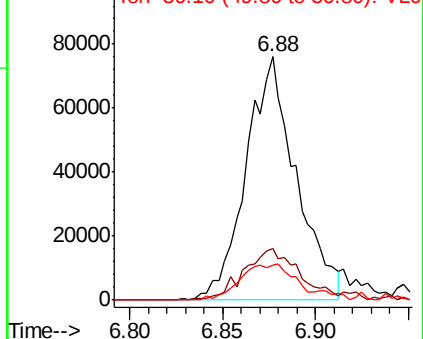
50 14.1 14.6 21.8#

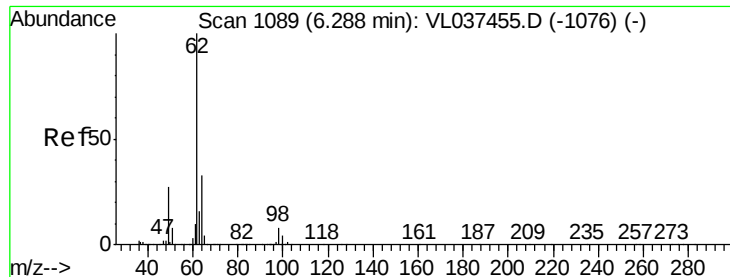


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

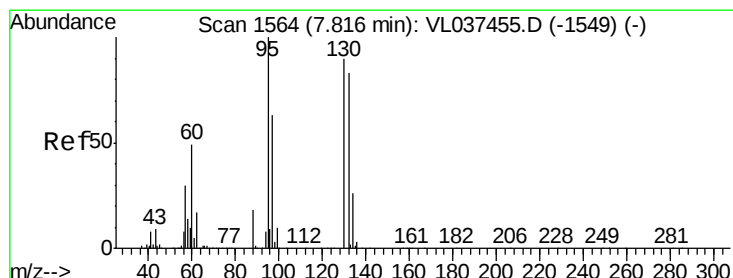
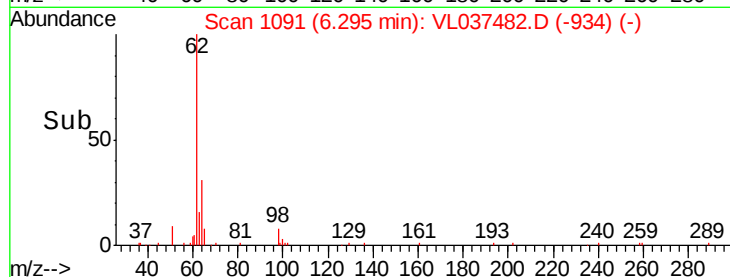
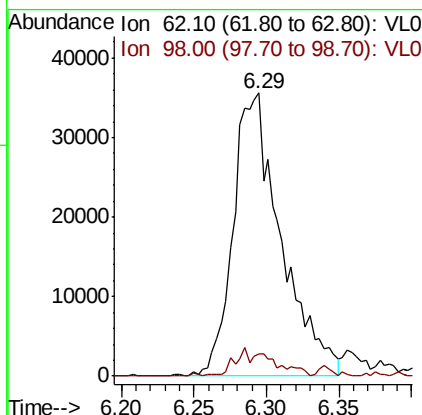
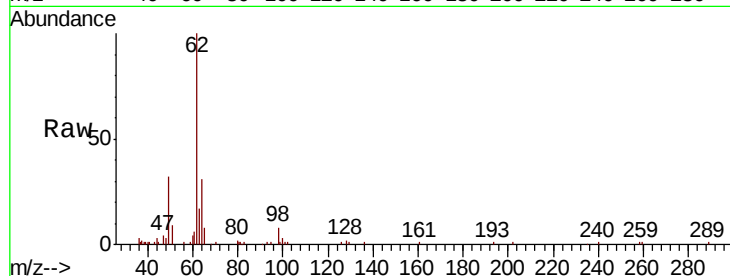




#37
 1,2-Dichloroethane
 Concen: 0.474 ppbv
 RT: 6.29 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

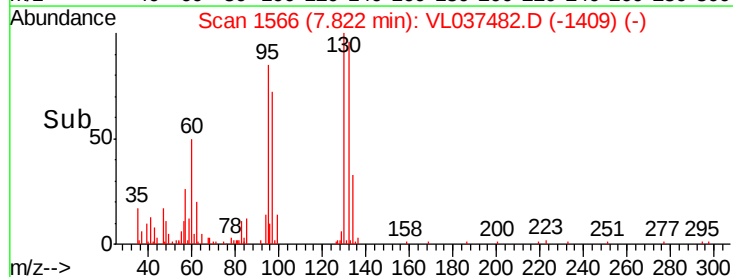
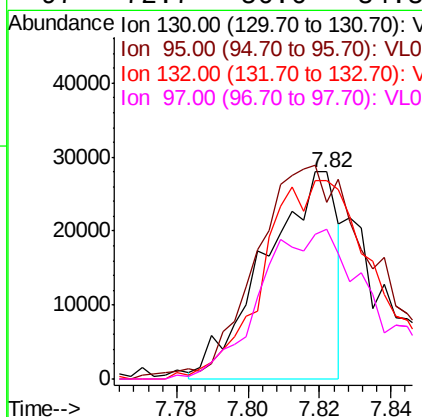
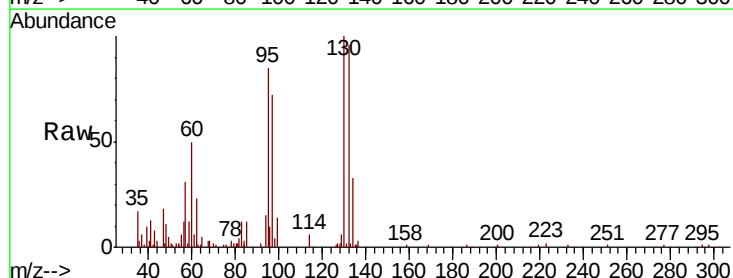
Instrument :
 MSVOA_L
 ClientSampleId :

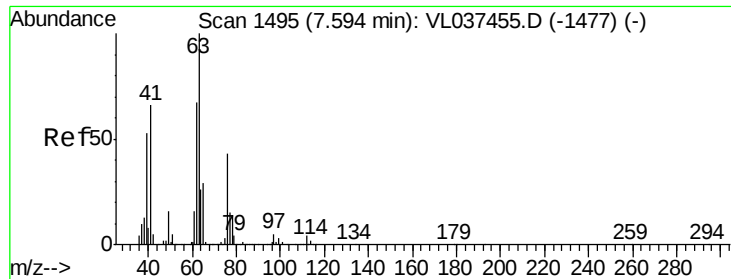
Tot Ion: 62 Resp: 81375
 Ion Ratio Lower Upper
 62 100
 98 7.8 6.0 9.0



#38
 Trichloroethene
 Concen: 0.276 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Tgt Ion: 130 Resp: 39306
 Ion Ratio Lower Upper
 130 100
 95 82.9 89.2 133.8#
 132 96.5 74.0 111.0
 97 72.7 56.6 84.8

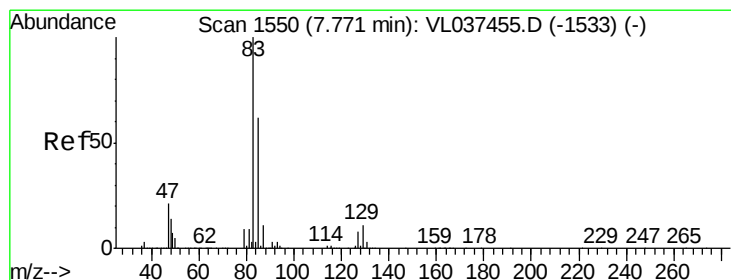
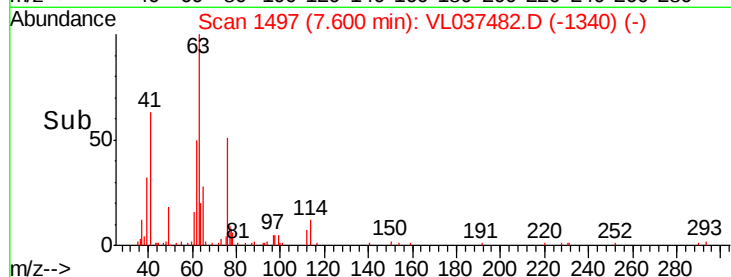
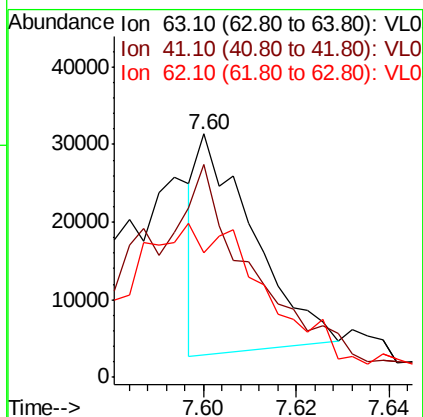
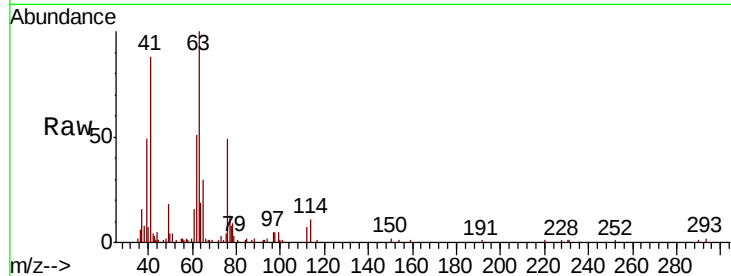




#39
 1,2-Dichloropropane
 Concen: 0.177 ppbv
 RT: 7.60 min Scan# 1497
 Delta R.T. 0.01 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

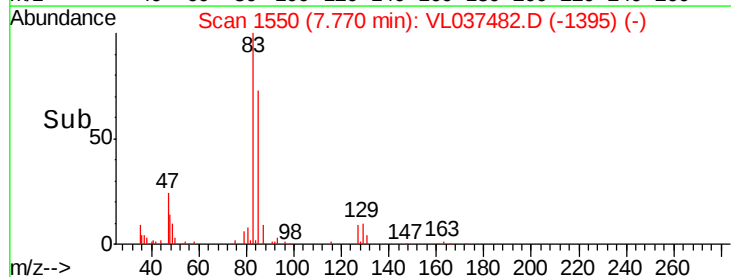
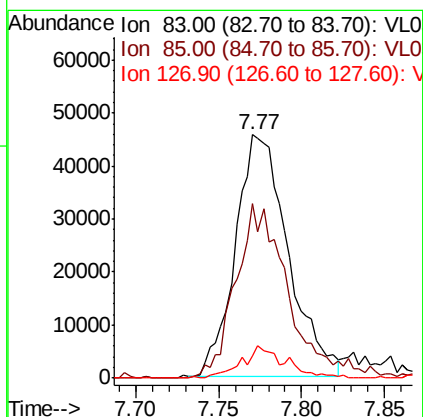
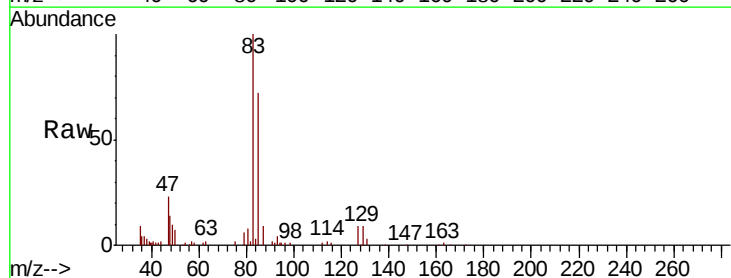
Instrument :
 MSVOA_L
 ClientSampleId :

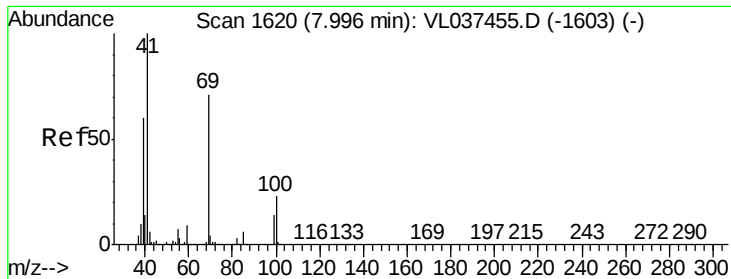
Tot Ion: 63 Resp: 23572
 Ion Ratio Lower Upper
 63 100
 41 85.1 52.4 78.6#
 62 53.1 53.6 80.4#



#42
 Bromodichloromethane
 Concen: 0.405 ppbv
 RT: 7.77 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Tgt Ion: 83 Resp: 101712
 Ion Ratio Lower Upper
 83 100
 85 71.9 49.5 74.3
 127 9.0 6.3 9.5





#43

Methyl Methacrylate

Concen: 0.214 ppbv

RT: 8.01 min Scan# 1623

Delta R.T. 0.01 min

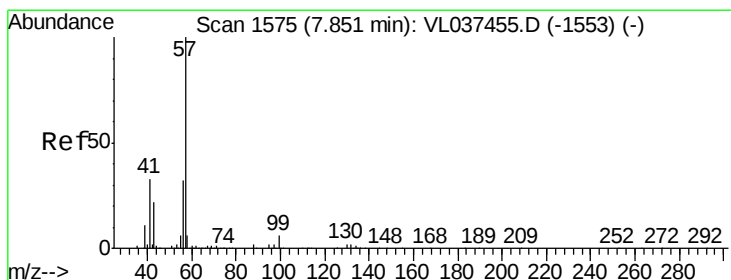
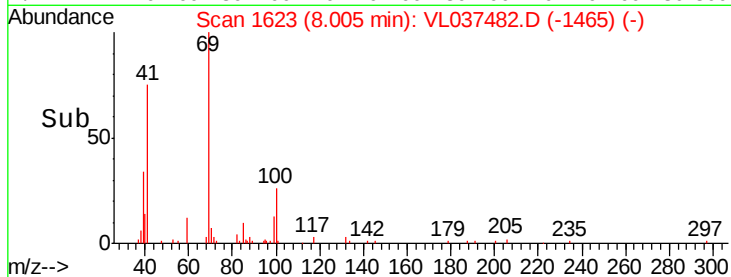
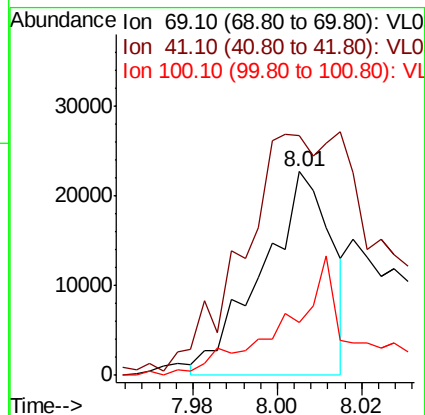
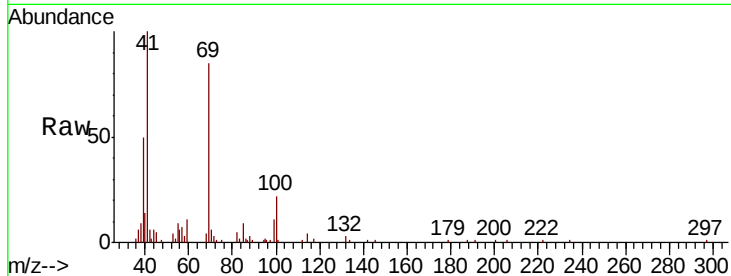
Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 69 Resp: 25827

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: 0.408 ppbv

RT: 7.85 min Scan# 1576

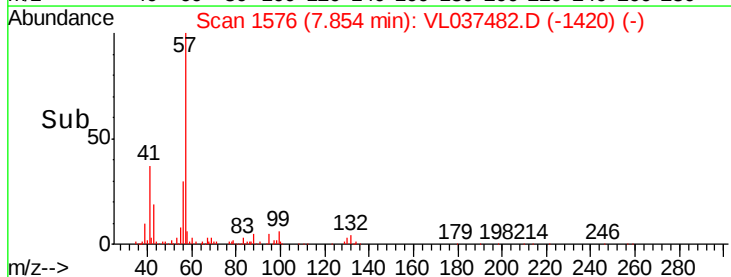
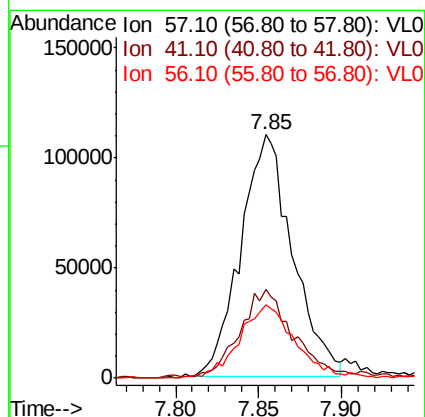
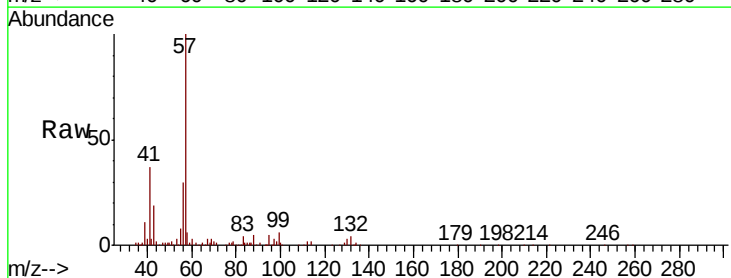
Delta R.T. 0.00 min

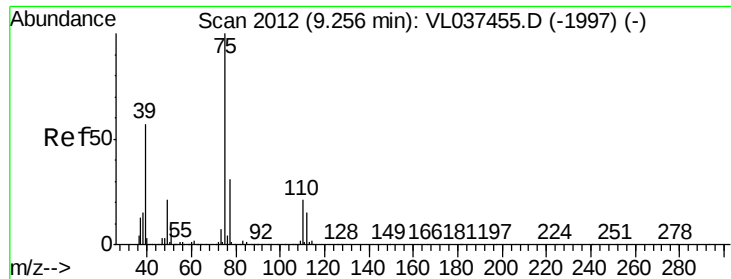
Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Tgt Ion: 57 Resp: 238448

Ion	Ratio	Lower	Upper
57	100		
41	38.1	26.2	39.4
56	33.4	25.4	38.2

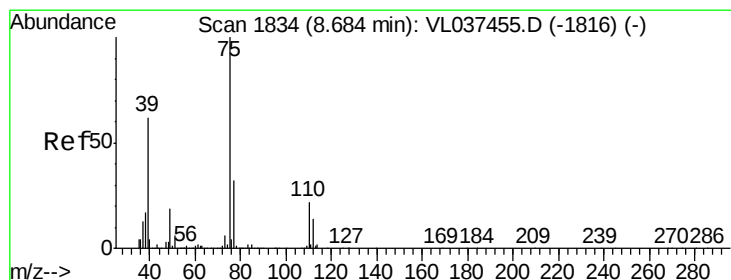
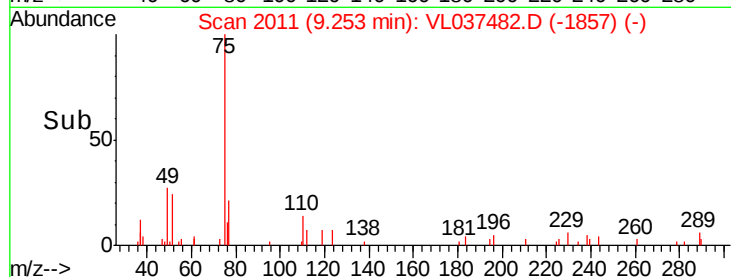
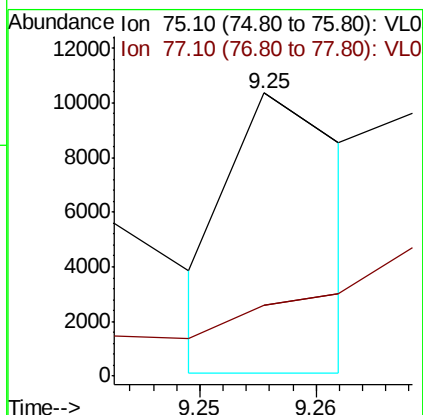
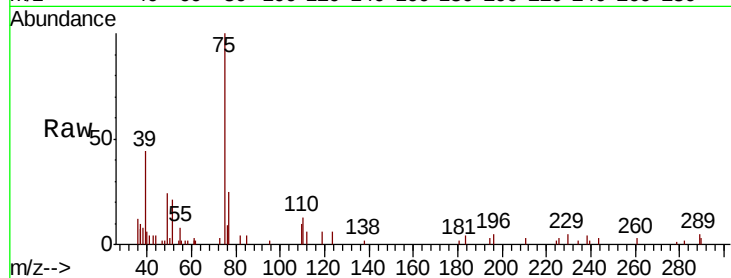




#45
 t-1,3-Dichloropropene
 Concen: 0.040 ppbv
 RT: 9.25 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

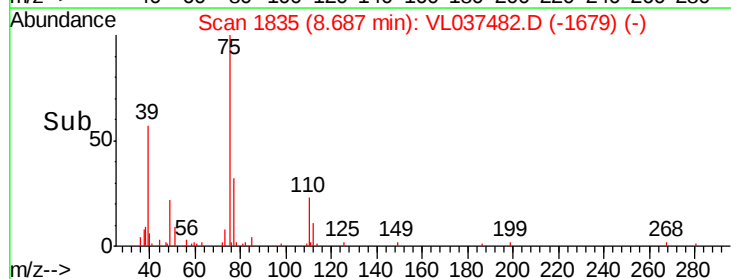
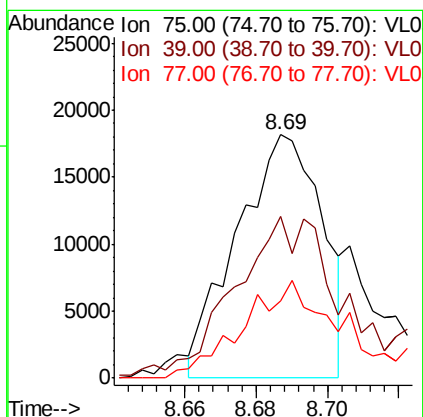
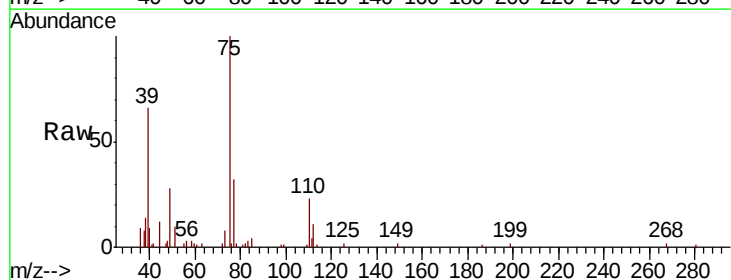
Instrument :
 MSVOA_L
 ClientSampled :

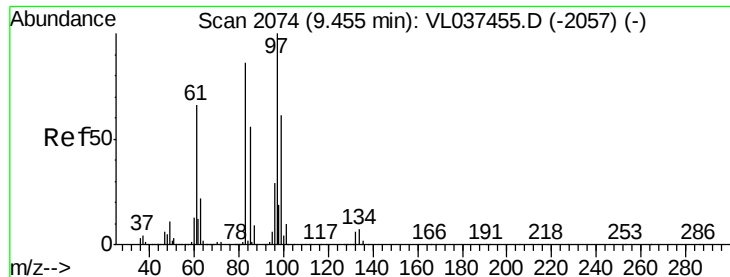
Tot Ion: 75 Resp: 3601
 Ion Ratio Lower Upper
 75 100
 77 25.0 24.5 36.7



#46
 cis-1,3-Dichloropropene
 Concen: 0.237 ppbv
 RT: 8.69 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Tgt Ion: 75 Resp: 30128
 Ion Ratio Lower Upper
 75 100
 39 63.8 49.7 74.5
 77 30.6 25.4 38.0

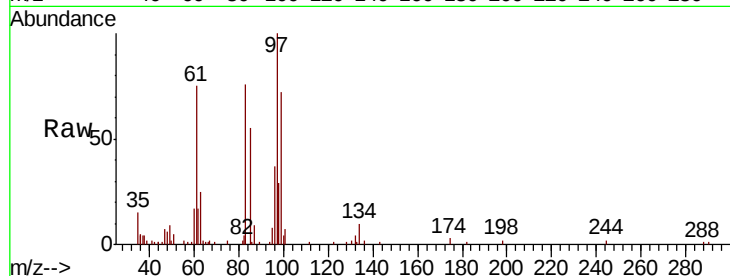




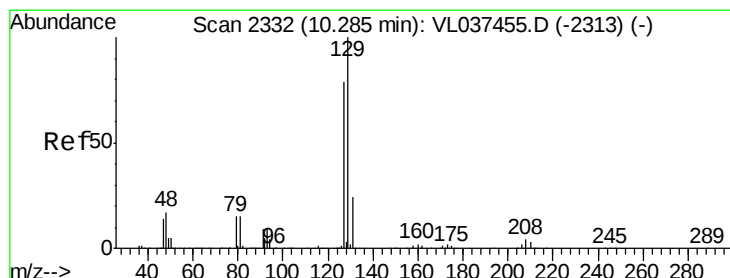
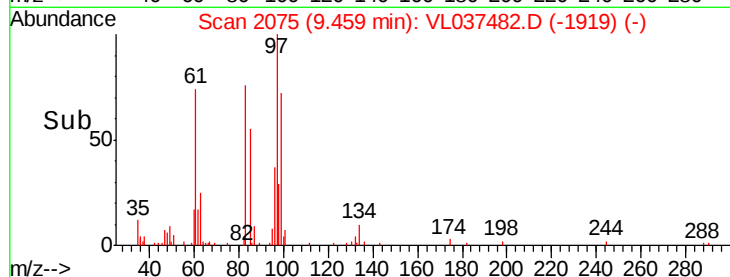
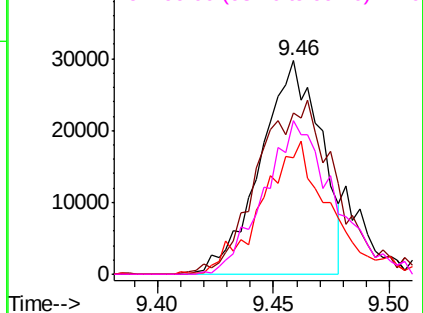
#47
 1,1,2-Trichloroethane
 Concen: 0.373 ppbv
 RT: 9.46 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:	97	Resp:	53785
Ion	Ratio	Lower	Upper
97	100		
83	74.8	68.7	103.1
85	54.0	44.7	67.1
99	72.2	48.6	72.8

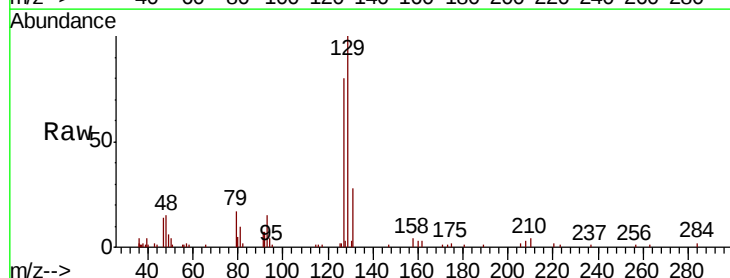


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

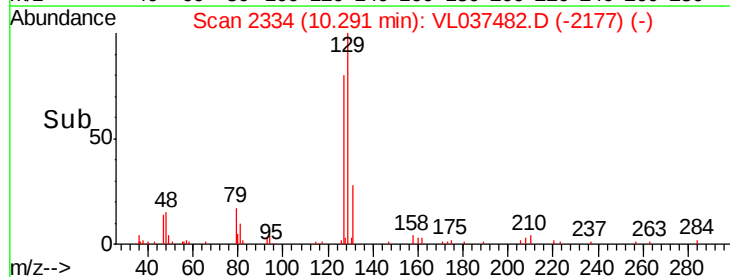
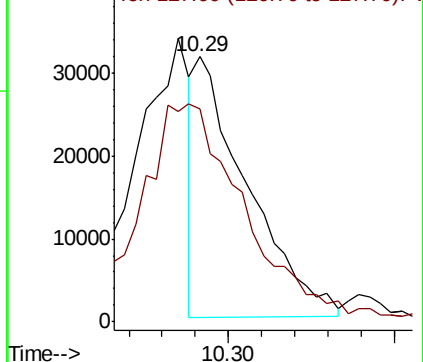


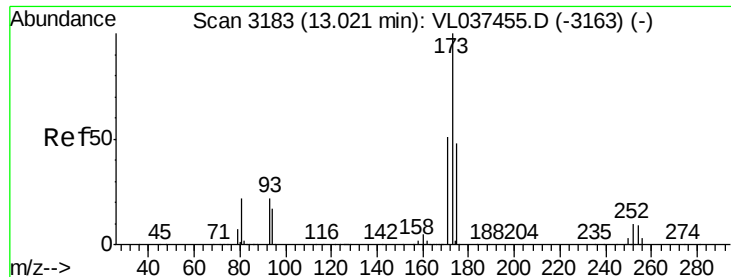
#48
 Dibromochloromethane
 Concen: 0.166 ppbv
 RT: 10.29 min Scan# 2334
 Delta R.T. 0.01 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Tgt Ion:	129	Resp:	34354
Ion	Ratio	Lower	Upper
129	100		
127	178.4	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: 0.041 ppbv

RT: 13.03 min Scan# 3186

Delta R.T. 0.01 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

ClientSampleId :

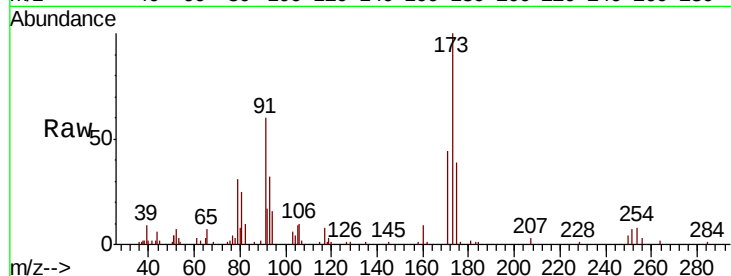
Tot Ion:173 Resp: 6761

Ion Ratio Lower Upper

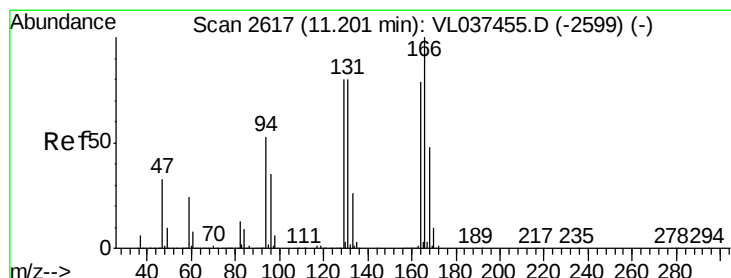
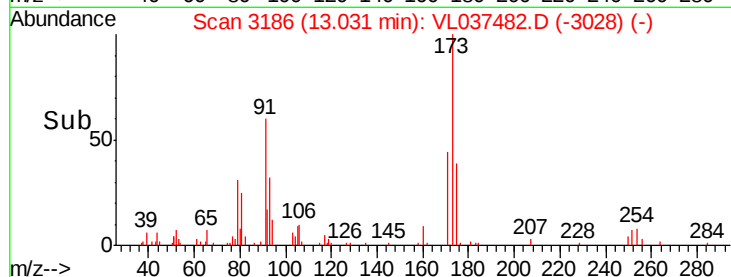
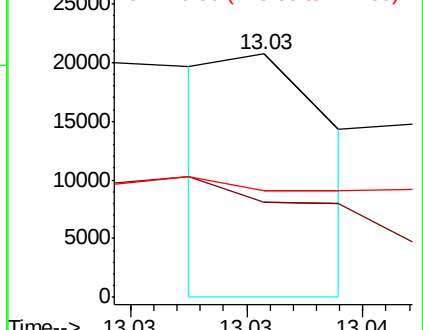
173 100

175 0.0 41.9 62.9#

171 0.0 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



#52

Tetrachloroethene

Concen: 0.224 ppbv

RT: 11.20 min Scan# 2618

Delta R.T. 0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Tgt Ion:164 Resp: 31827

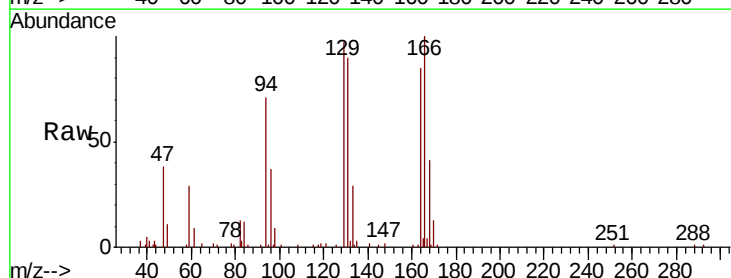
Ion Ratio Lower Upper

164 100

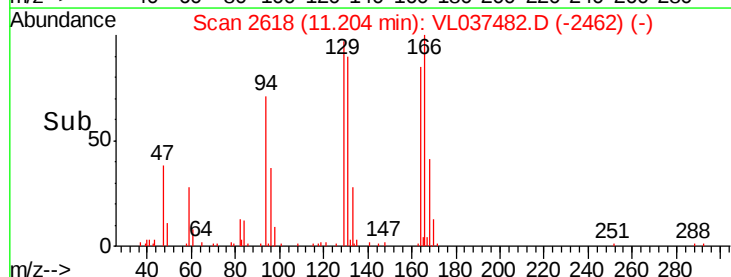
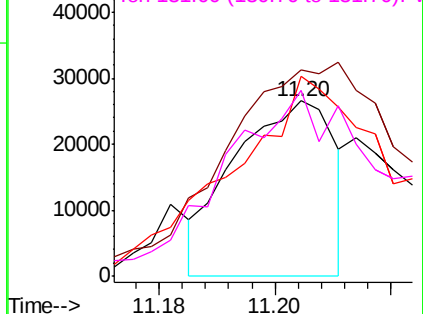
166 108.7 100.7 151.1

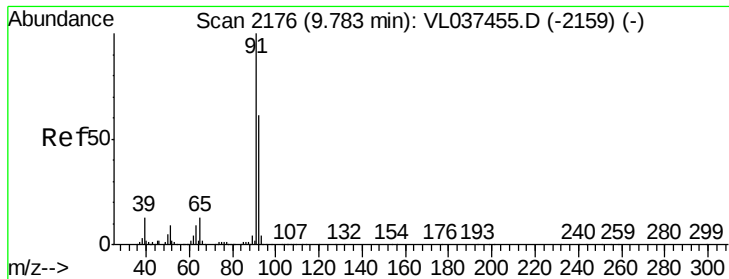
129 105.0 80.9 121.3

131 97.2 80.2 120.4



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





#53

Toluene

Concen: 0.375 ppbv

RT: 9.79 min Scan# 2179

Delta R.T. 0.01 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

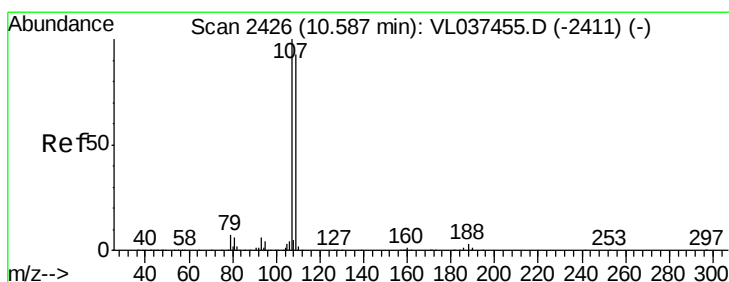
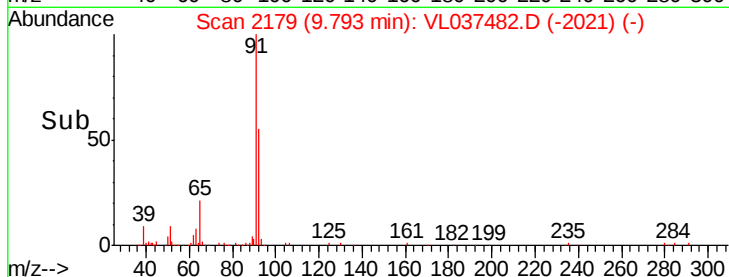
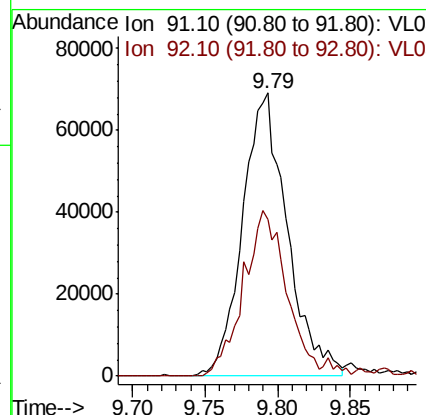
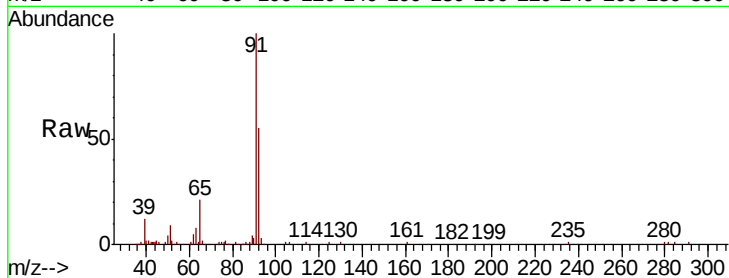
ClientSampleId :

Tot Ion: 91 Resp: 148329

Ion Ratio Lower Upper

91 100

92 57.1 48.8 73.2



#54

1,2-Dibromoethane

Concen: 0.418 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. 0.01 min

Lab File: VL037482.D

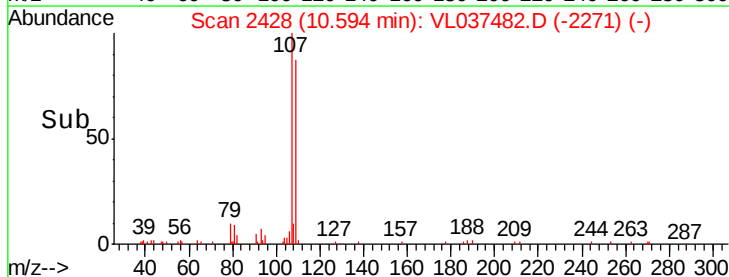
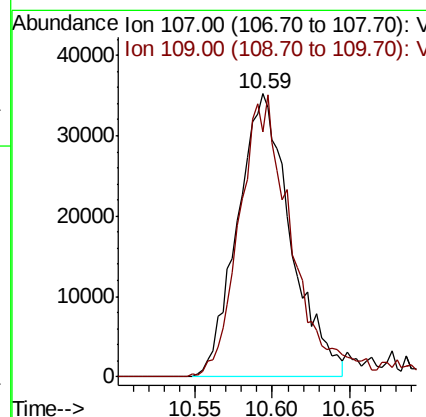
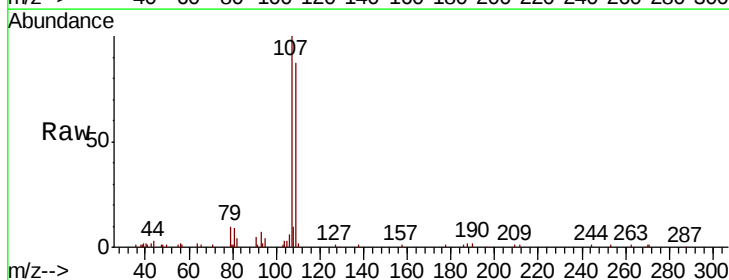
Acq: 17 Aug 2021 4:28

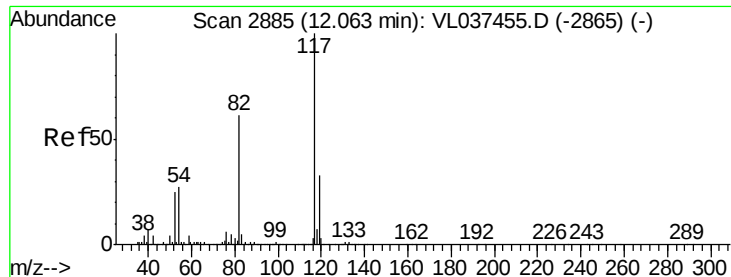
Tgt Ion: 107 Resp: 83979

Ion Ratio Lower Upper

107 100

109 85.6 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: VL037482.D

Acq: 17 Aug 2021 4:28

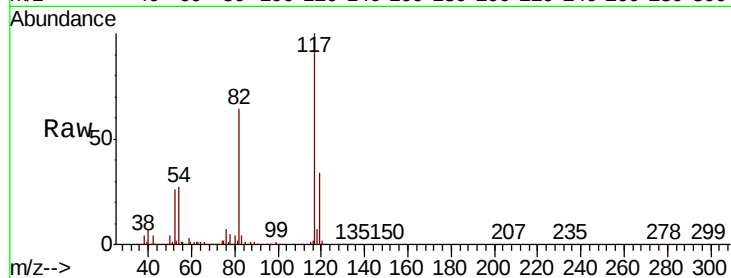
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:117 Resp: 3577291

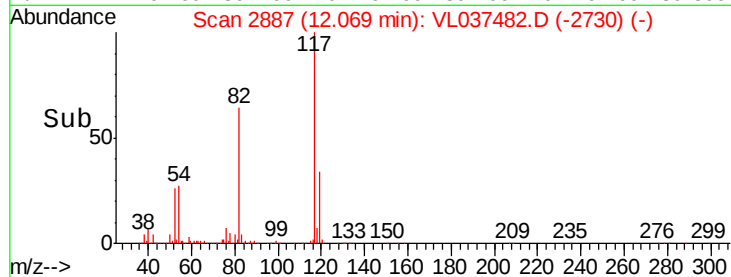
Ion	Ratio	Lower	Upper
117	100		
82	64.3	52.9	79.3
119	34.6	24.8	37.2



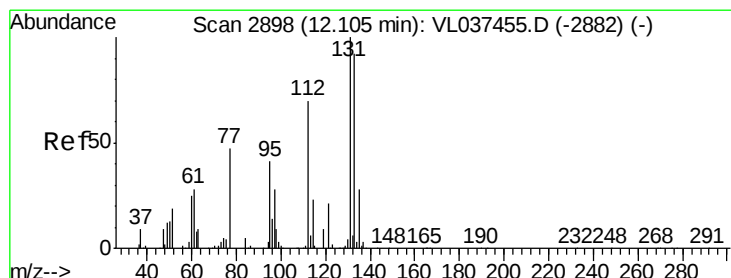
Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



Time-->



#56

1,1,1,2-Tetrachloroethane

Concen: 0.170 ppbv

RT: 12.11 min Scan# 2901

Delta R.T. 0.01 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

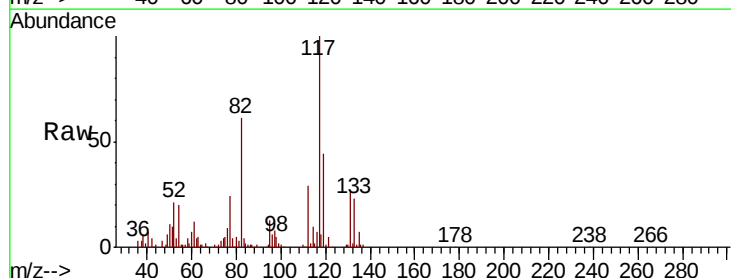
Tgt Ion:131 Resp: 25388

Ion	Ratio	Lower	Upper
131	100		
133	260.4	78.7	118.1#
119	0.0	56.6	85.0#

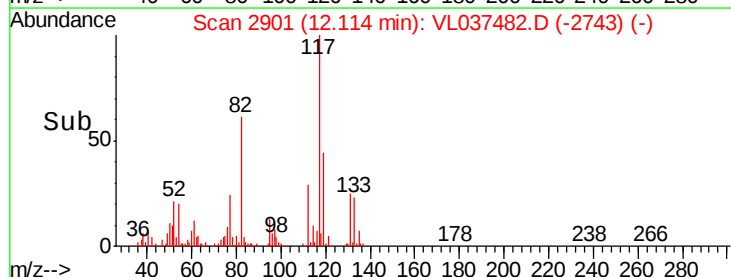
Abundance Ion 131.00 (130.70 to 131.70): V

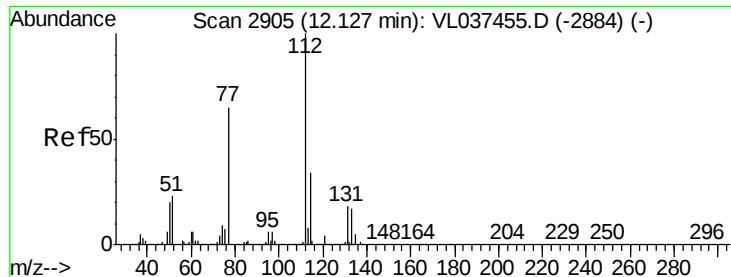
Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



Time-->





#57

Chlorobenzene

Concen: 0.450 ppbv

RT: 12.13 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

ClientSampleId :

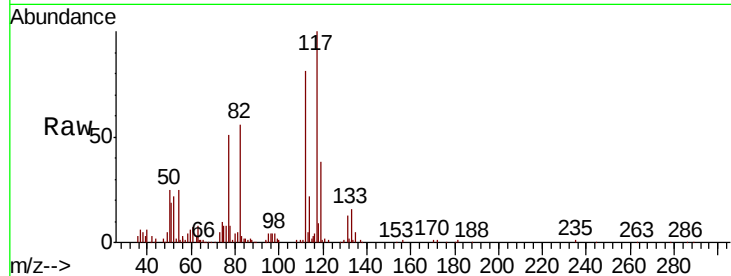
Tot Ion:112 Resp: 133738

Ion Ratio Lower Upper

112 100

77 53.1 51.6 77.4

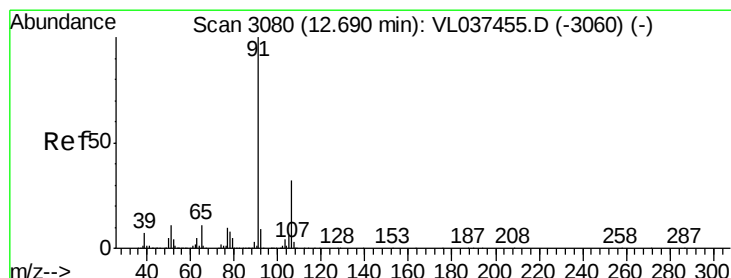
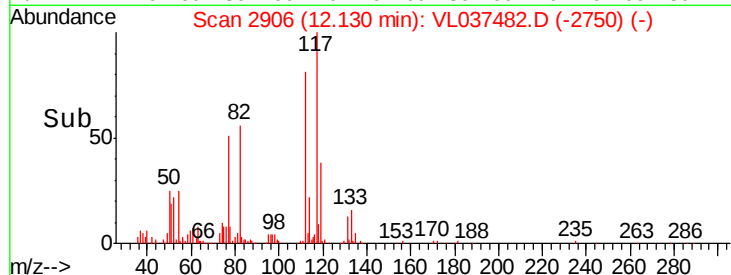
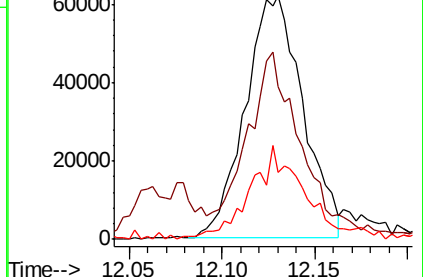
114 26.5 30.7 37.5#



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# 3079

Delta R.T. -0.00 min

Lab File: VL037482.D

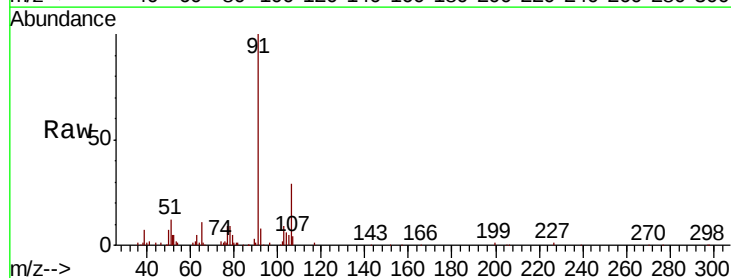
Acq: 17 Aug 2021 4:28

Tgt Ion: 91 Resp: 75883

Ion Ratio Lower Upper

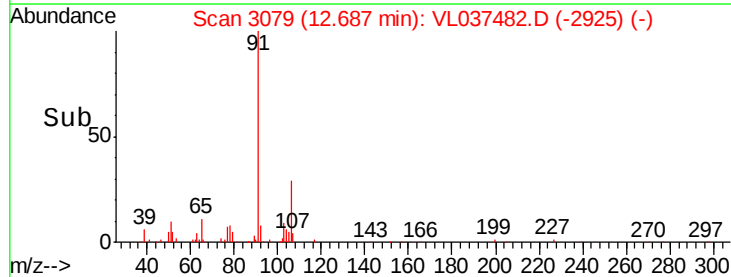
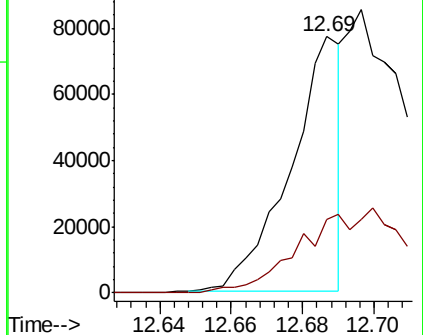
91 100

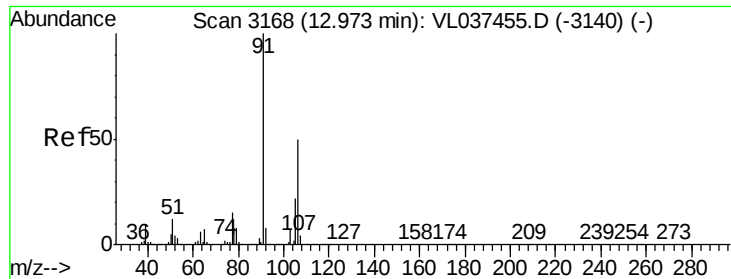
106 29.1 25.7 38.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

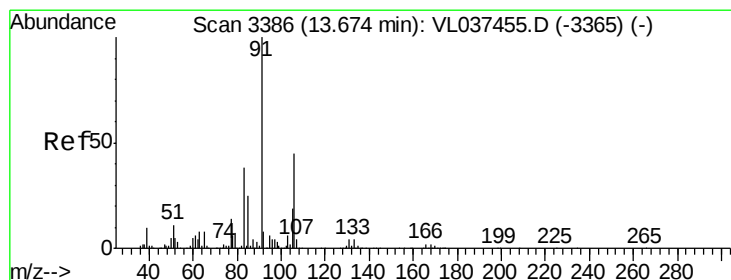
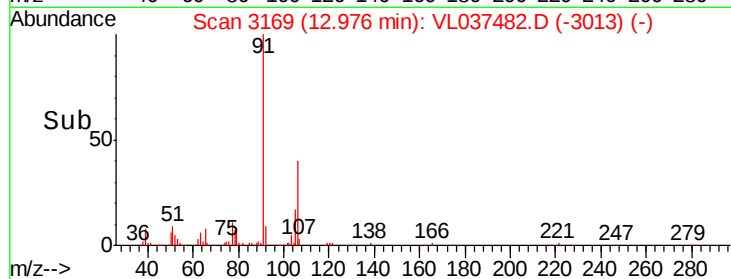
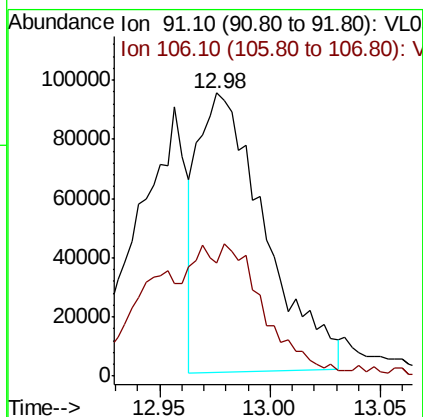
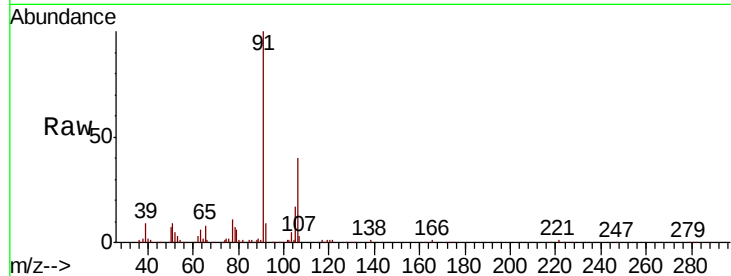




#59
m/p-Xylene
Concen: 0.462 ppbv
RT: 12.98 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

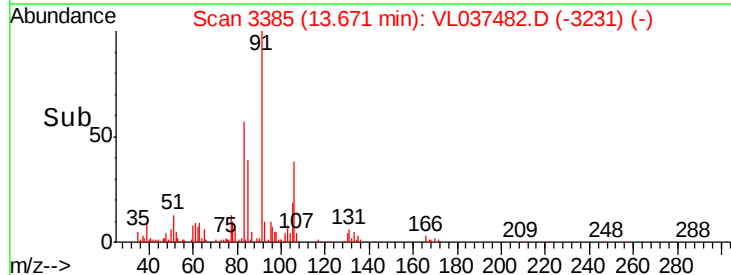
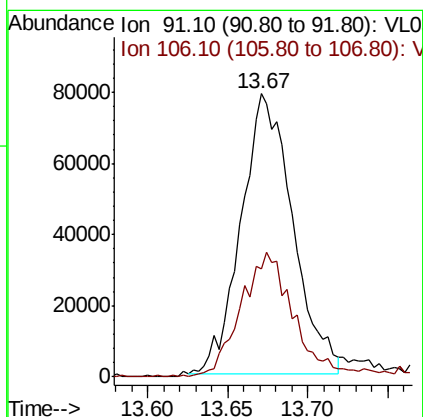
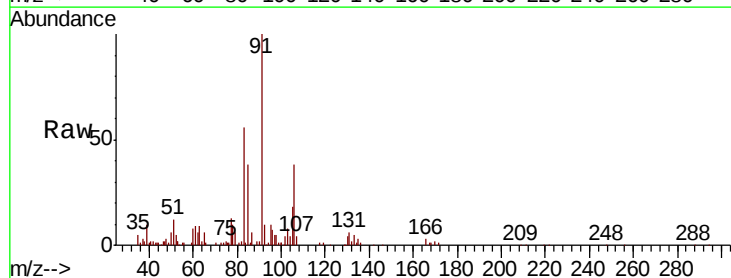
Instrument :
MSVOA_L
ClientSampleId :

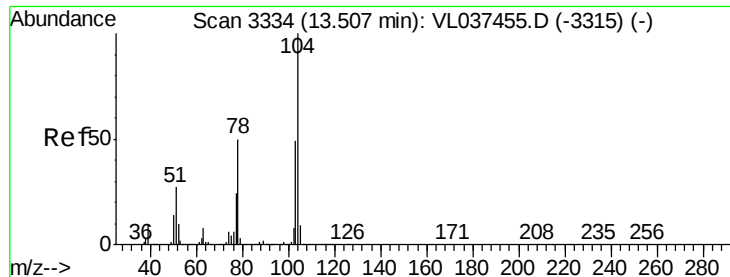
Tot Ion: 91 Resp: 198801
Ion Ratio Lower Upper
91 100
106 85.2 36.9 55.3#



#60
o-Xylene
Concen: 0.435 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

Tgt Ion: 91 Resp: 174580
Ion Ratio Lower Upper
91 100
106 46.4 23.7 71.1





#61

Stvrene

Concen: 0.252 ppbv

RT: 13.51 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

ClientSampleId :

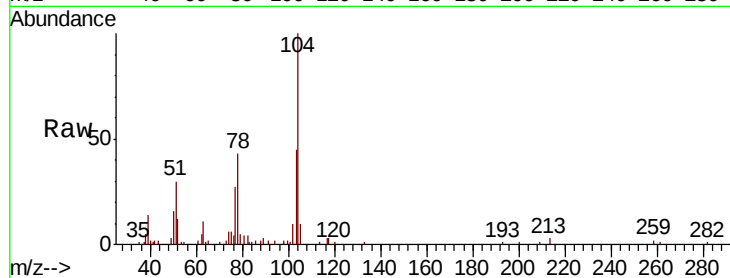
Tot Ion:104 Resp: 52659

Ion Ratio Lower Upper

104 100

78 73.3 41.3 61.9#

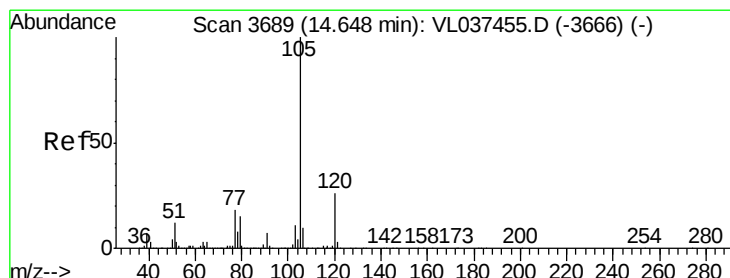
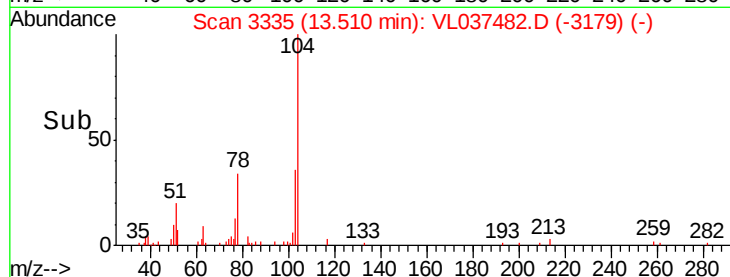
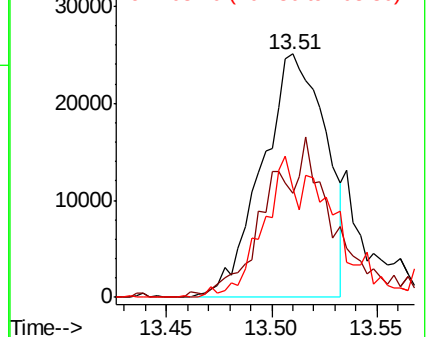
103 62.1 39.4 59.0#



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: 0.188 ppbv

RT: 14.65 min Scan# 3691

Delta R.T. 0.01 min

Lab File: VL037482.D

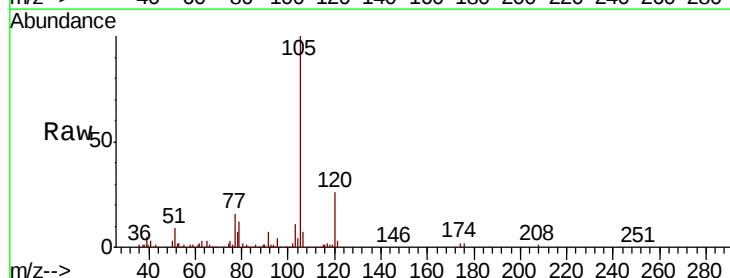
Acq: 17 Aug 2021 4:28

Tgt Ion:105 Resp: 106423

Ion Ratio Lower Upper

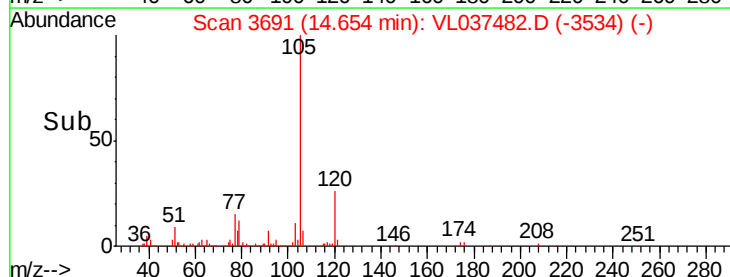
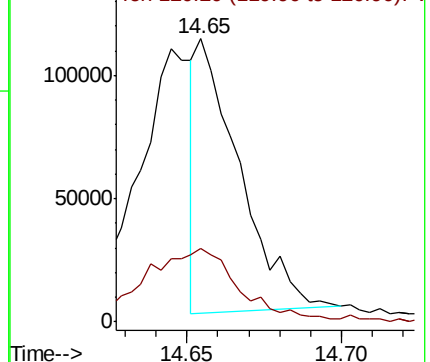
105 100

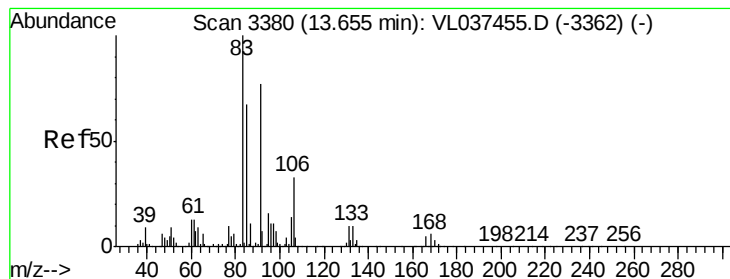
120 62.1 21.5 32.3#



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: 0.244 ppbv

RT: 13.66 min Scan# 3381

Delta R.T. 0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

ClientSampleId :

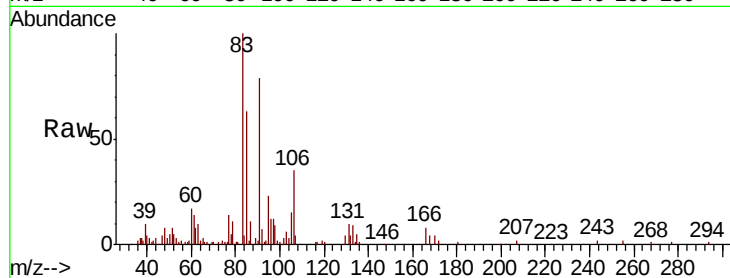
Tot Ion: 83 Resp: 72706

Ion Ratio Lower Upper

83 100

131 21.0 5.0 15.0#

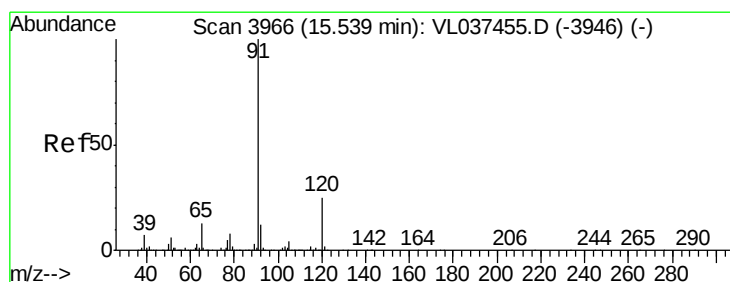
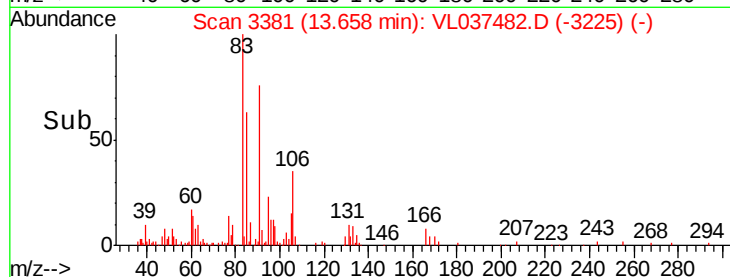
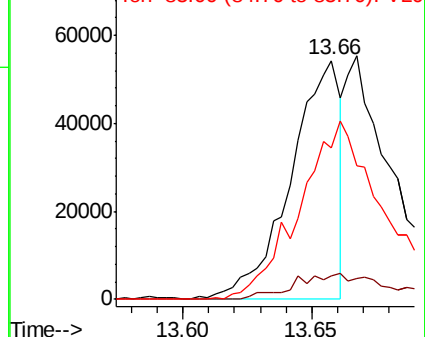
85 138.2 33.8 101.3#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 0.401 ppbv

RT: 15.55 min Scan# 3968

Delta R.T. 0.01 min

Lab File: VL037482.D

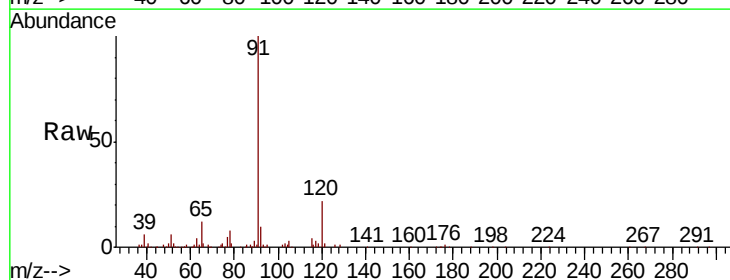
Acq: 17 Aug 2021 4:28

Tgt Ion: 120 Resp: 57885

Ion Ratio Lower Upper

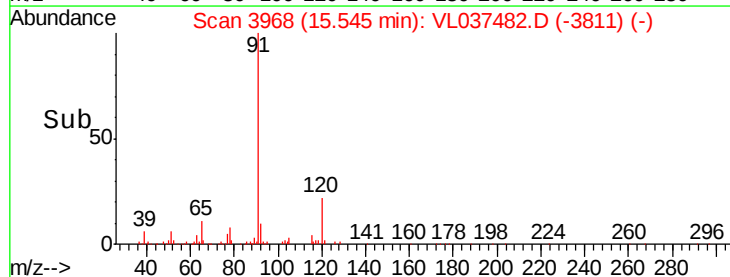
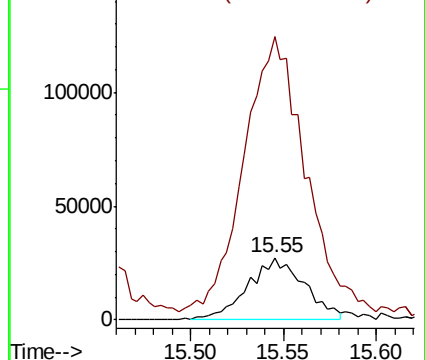
120 100

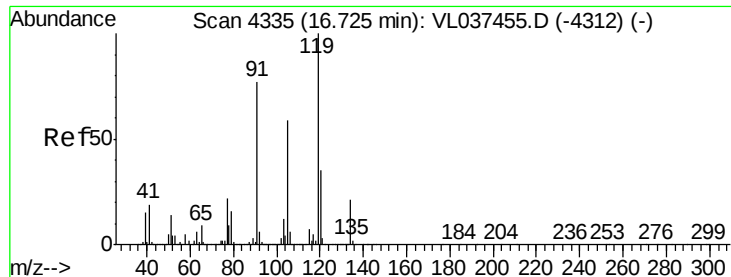
91 531.1 373.8 560.6



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 0.452 ppbv

RT: 16.73 min Scan# 4335

Delta R.T. -0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

ClientSampleId :

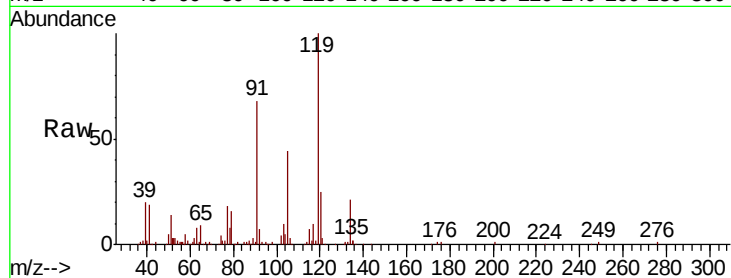
Tot Ion: 119 Resp: 233201

Ion Ratio Lower Upper

119 100

91 83.9 62.9 94.3

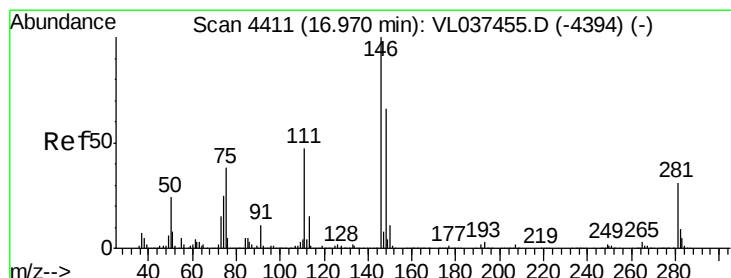
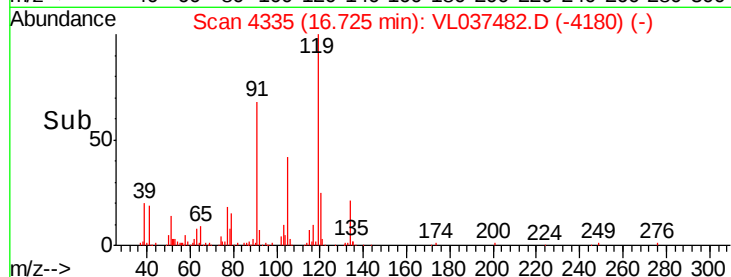
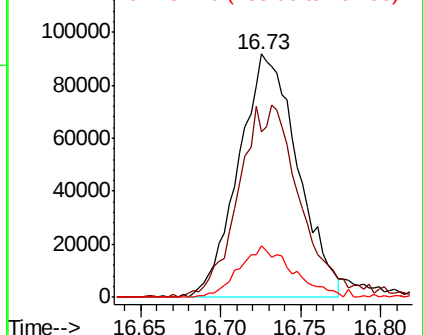
134 19.5 16.4 24.6



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: 0.103 ppbv

RT: 16.98 min Scan# 4413

Delta R.T. 0.01 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

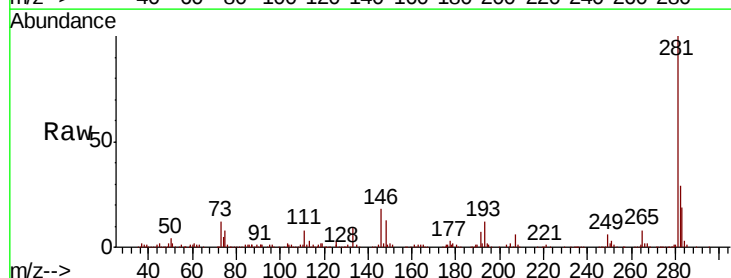
Tgt Ion: 91 Resp: 2400

Ion Ratio Lower Upper

91 100

126 0.0 15.9 23.9#

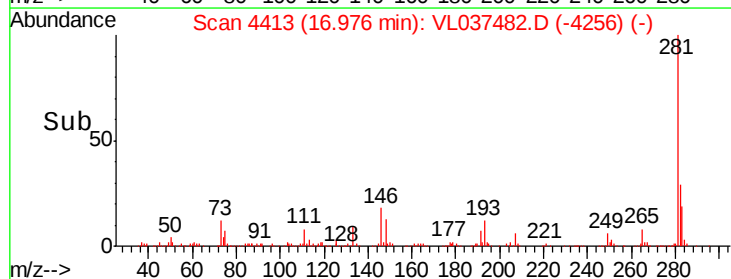
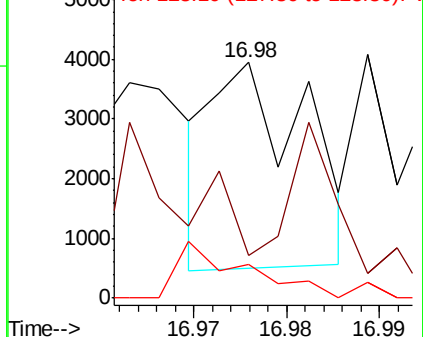
128 0.0 5.4 8.0#

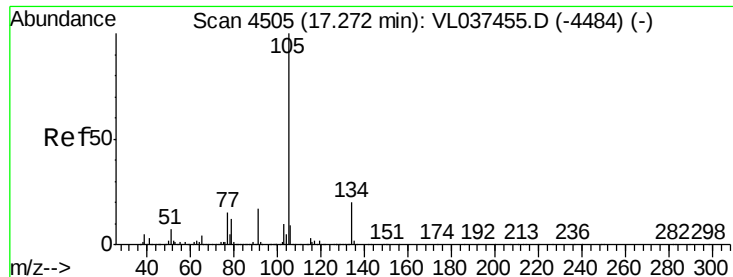


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 0.442 ppbv

RT: 17.27 min Scan# 4506

Delta R.T. 0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

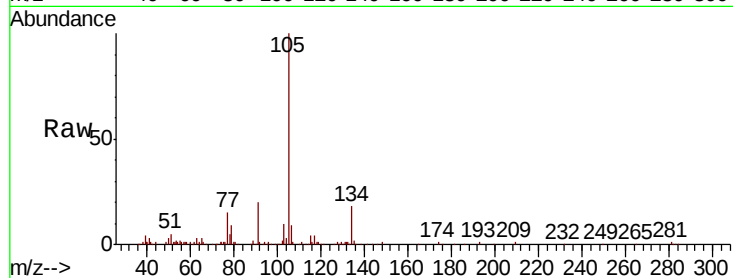
ClientSampleId :

Tot Ion: 105 Resp: 318978

Ion Ratio Lower Upper

105 100

134 18.3 15.2 22.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.27

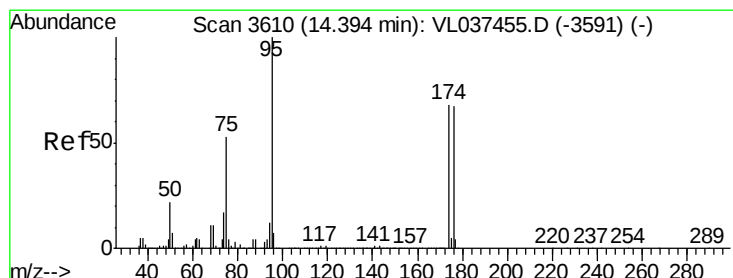
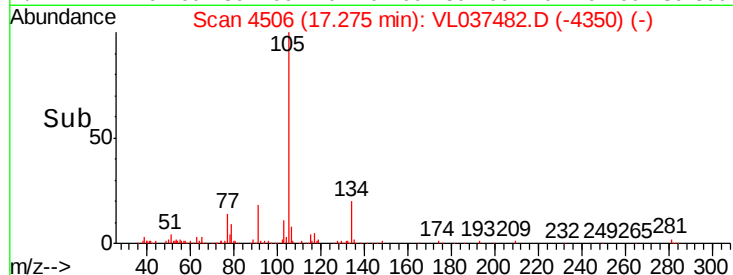
150000

100000

50000

0

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.287 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

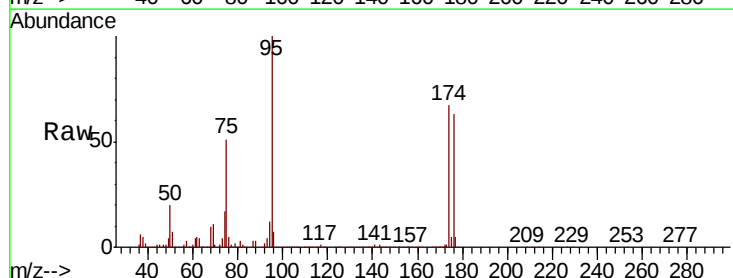
Tgt Ion: 95 Resp: 2614294

Ion Ratio Lower Upper

95 100

174 73.5 59.6 89.4

175 5.6 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

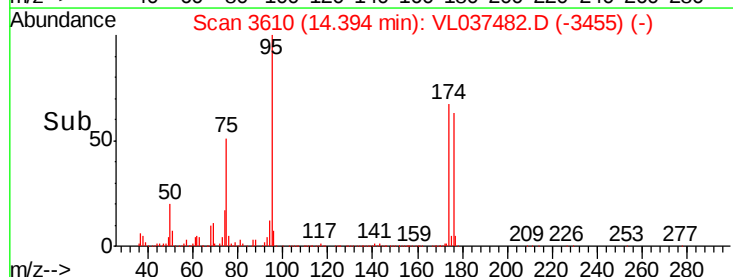
14.39

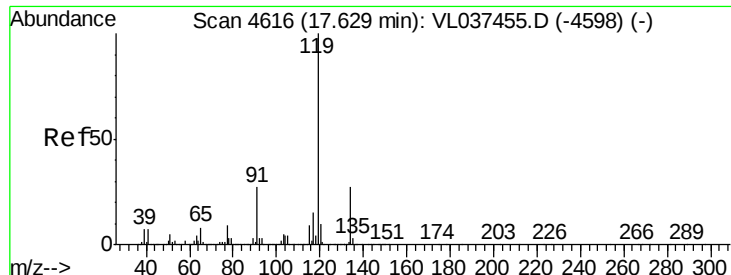
1000000

500000

0

Time-->





#69

p-Isopropyltoluene

Concen: 0.415 ppbv

RT: 17.64 min Scan# 4619

Delta R.T. 0.01 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

ClientSampled :

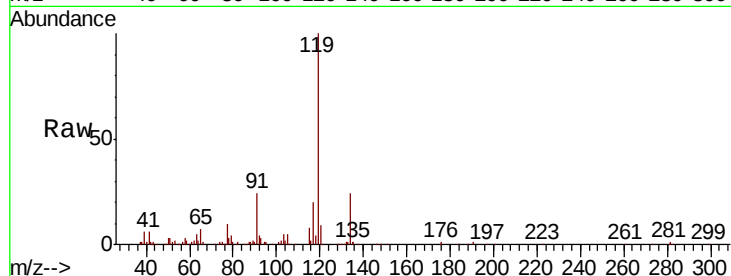
Tot Ion: 119 Resp: 243716

Ion Ratio Lower Upper

119 100

134 25.7 21.1 31.7

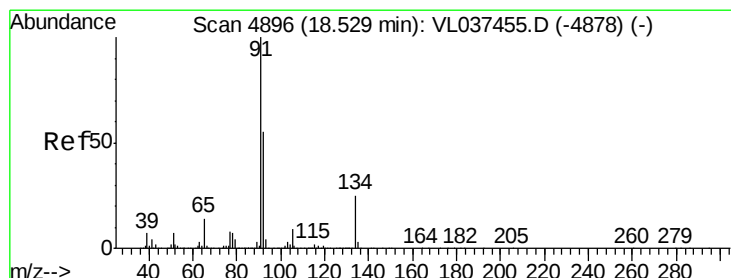
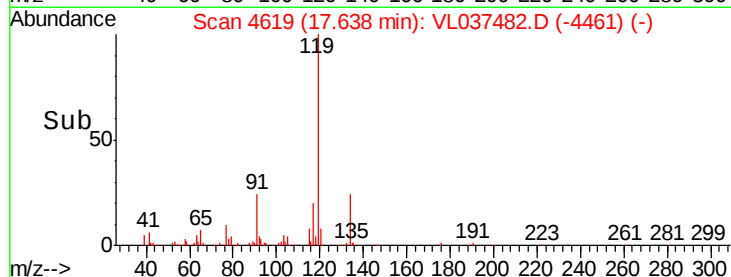
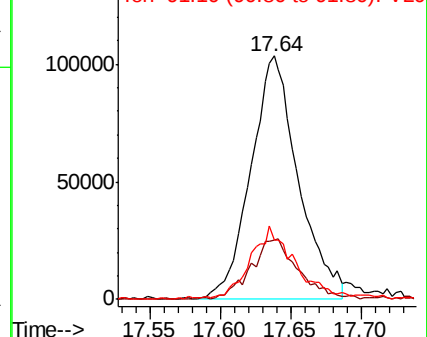
91 29.8 22.4 33.6



Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#70

n-Butylbenzene

Concen: 0.379 ppbv

RT: 18.53 min Scan# 4897

Delta R.T. 0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

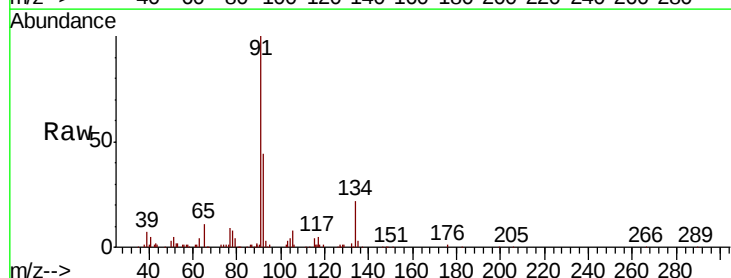
Tgt Ion: 91 Resp: 213040

Ion Ratio Lower Upper

91 100

92 56.0 44.0 66.0

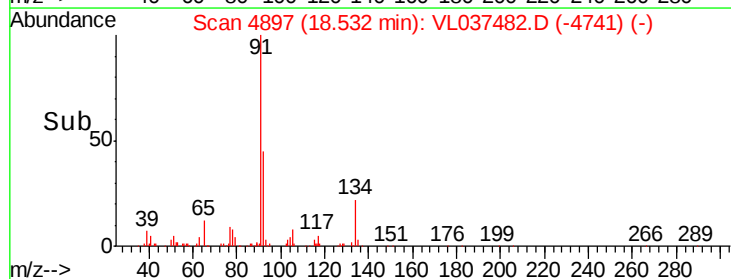
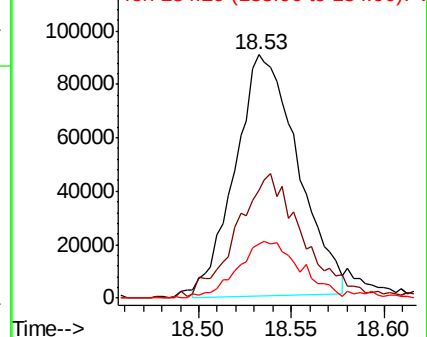
134 25.1 19.5 29.3

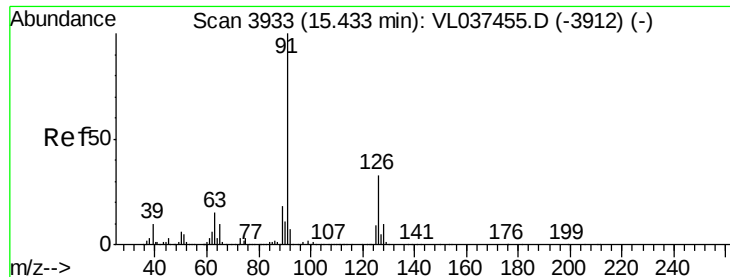


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 0.388 ppbv

RT: 15.43 min Scan# 3932

Delta R.T. -0.00 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Instrument :

MSVOA_L

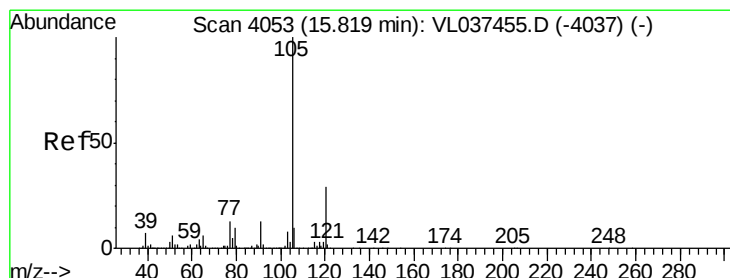
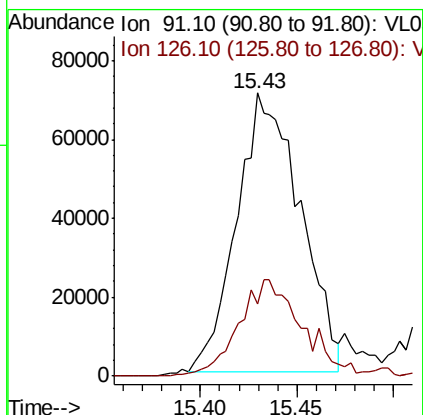
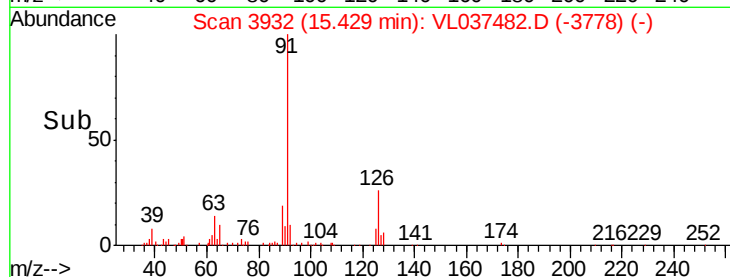
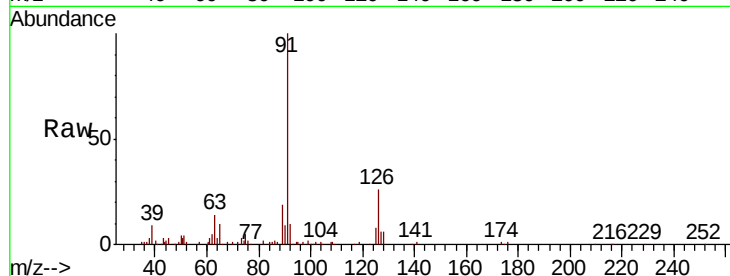
ClientSampleId :

Tot Ion: 91 Resp: 161478

Ion Ratio Lower Upper

91 100

126 35.3 13.6 54.4



#72

4-Ethyltoluene

Concen: 0.387 ppbv

RT: 15.83 min Scan# 4056

Delta R.T. 0.01 min

Lab File: VL037482.D

Acq: 17 Aug 2021 4:28

Tgt Ion: 105 Resp: 184675

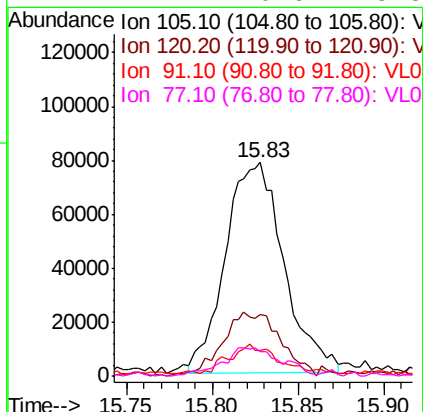
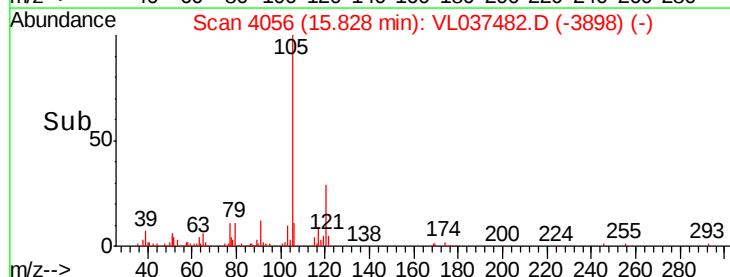
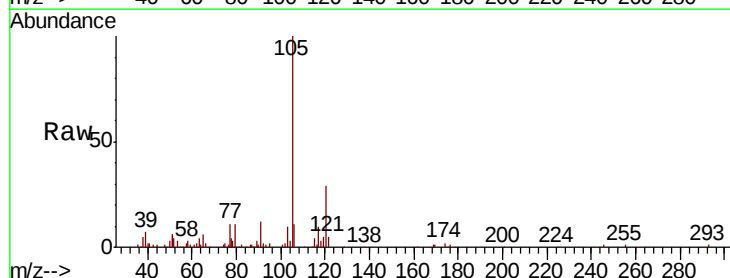
Ion Ratio Lower Upper

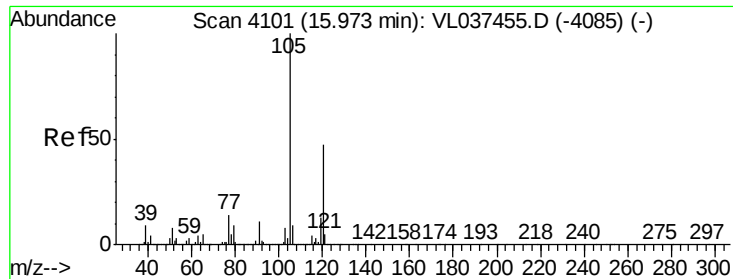
105 100

120 32.5 24.7 37.1

91 14.6 9.8 14.8

77 14.2 10.6 15.8

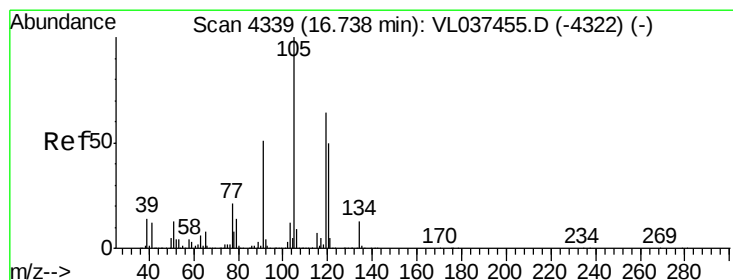
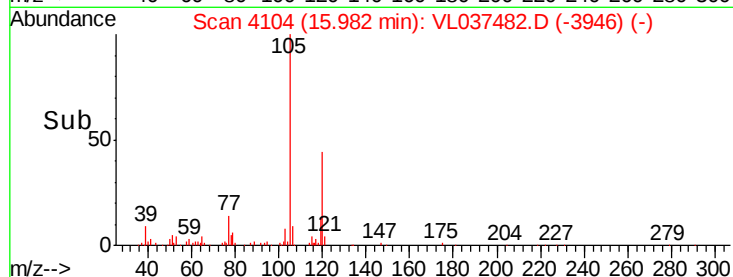
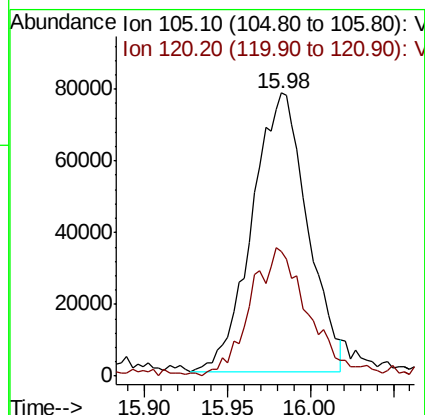
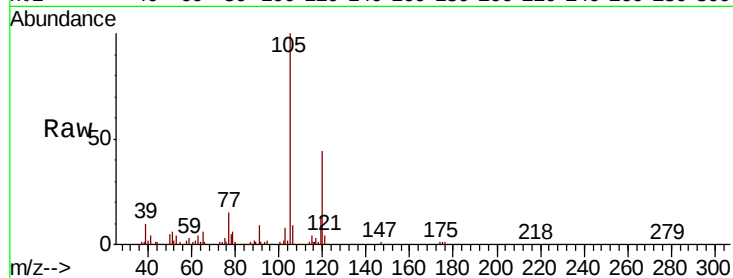




#73
 1,3,5-Trimethylbenzene
 Concen: 0.407 ppbv
 RT: 15.98 min Scan# 4104
 Delta R.T. 0.01 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

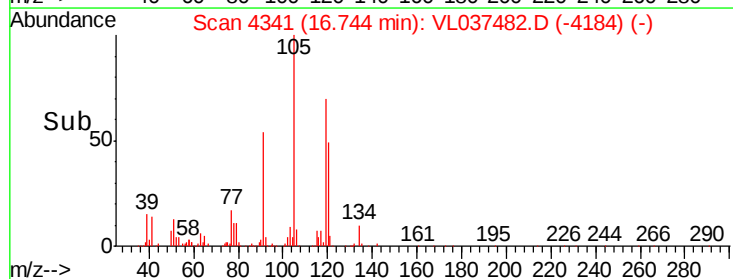
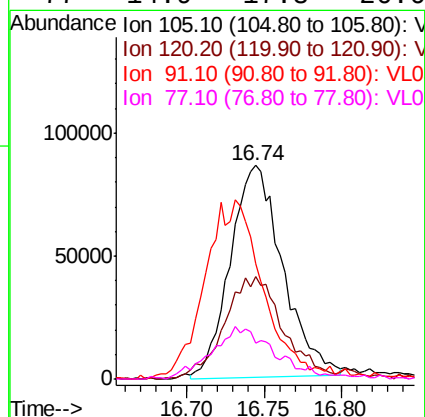
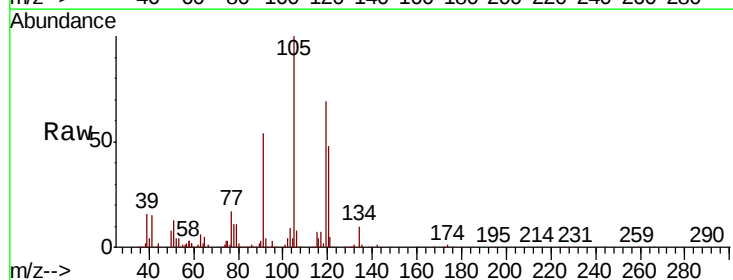
Instrument :
 MSVOA_L
 ClientSampled :

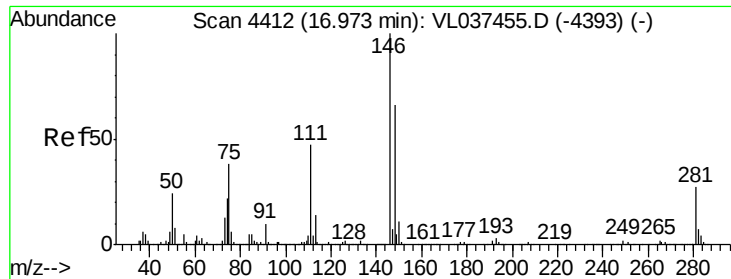
Tot Ion:105 Resp: 181014
 Ion Ratio Lower Upper
 105 100
 120 43.6 37.6 56.4



#74
 1,2,4-Trimethylbenzene
 Concen: 0.429 ppbv
 RT: 16.74 min Scan# 4341
 Delta R.T. 0.01 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Tgt Ion:105 Resp: 202669
 Ion Ratio Lower Upper
 105 100
 120 46.2 40.4 60.6
 91 51.2 44.6 67.0
 77 14.9 17.8 26.6#

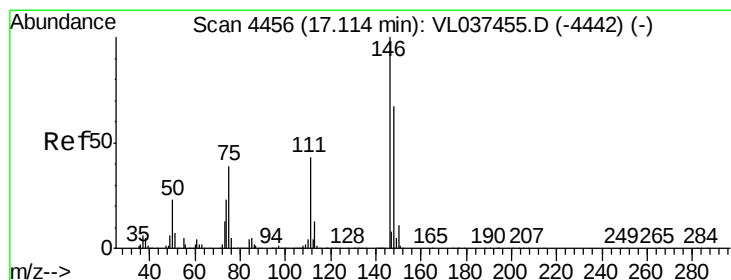
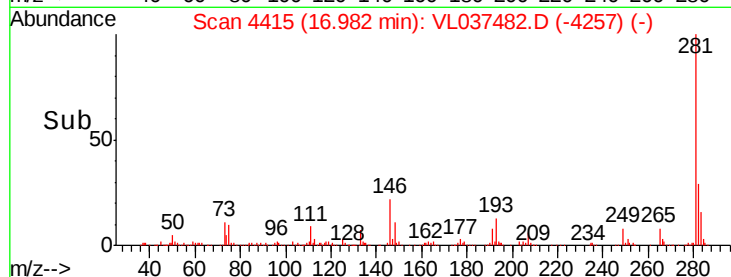
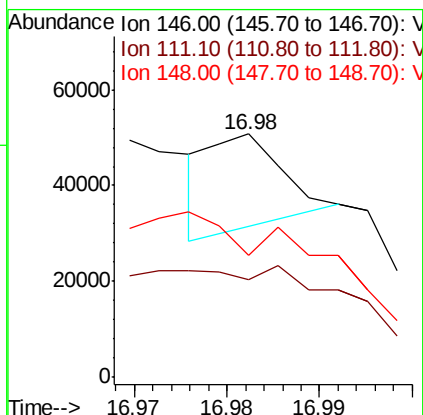
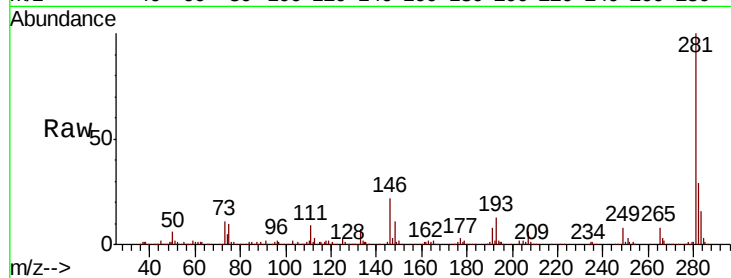




#75
 1,3-Dichlorobenzene
 Concen: 0.038 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T. 0.01 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

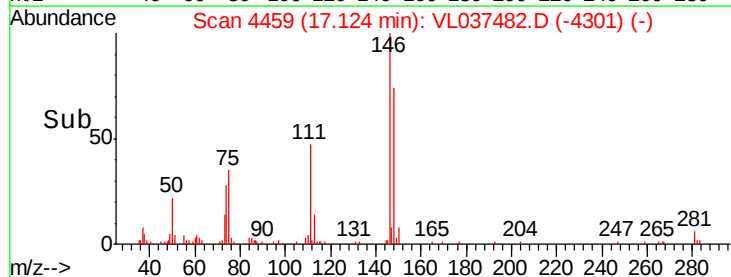
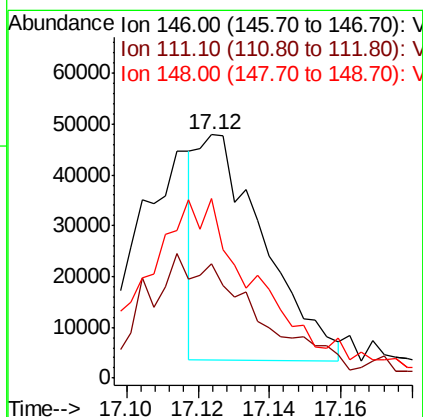
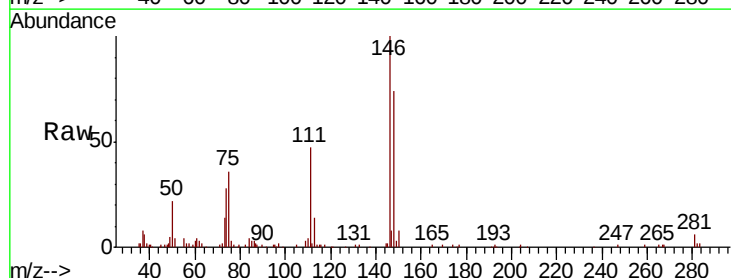
Instrument :
 MSVOA_L
 ClientSampleId :

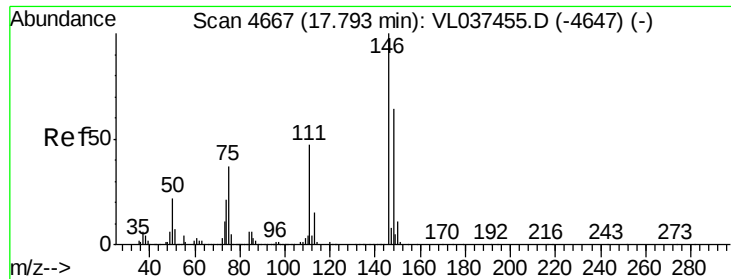
Tot Ion:146 Resp: 10776
 Ion Ratio Lower Upper
 146 100
 111 624.4 23.4 70.0#
 148 838.4 33.1 99.5#



#76
 1,4-Dichlorobenzene
 Concen: 0.201 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. 0.01 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Tgt Ion:146 Resp: 57542
 Ion Ratio Lower Upper
 146 100
 111 0.0 22.1 66.5#
 148 149.4 32.4 97.0#

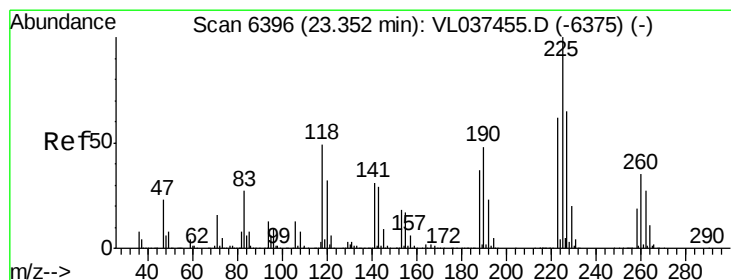
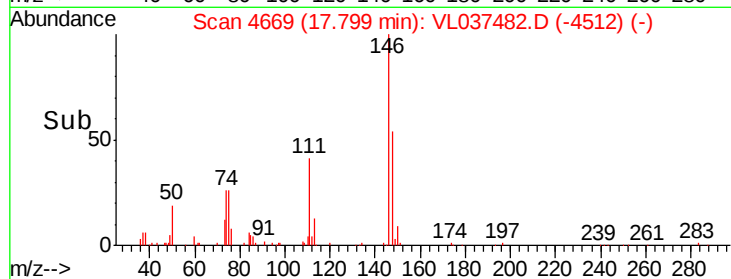
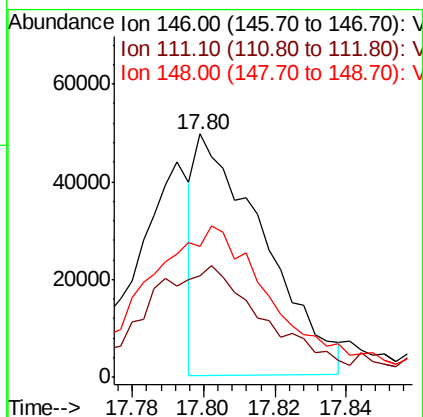
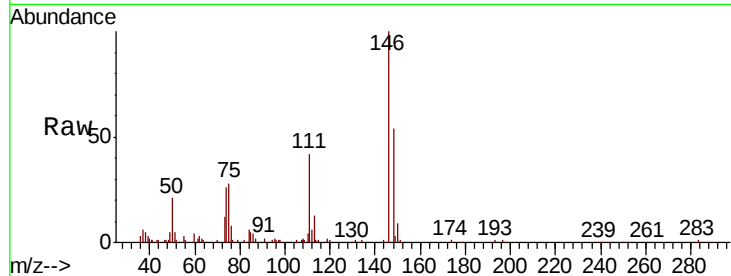




#77
 1,2-Dichlorobenzene
 Concen: 0.233 ppbv
 RT: 17.80 min Scan# 4669
 Delta R.T. 0.01 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

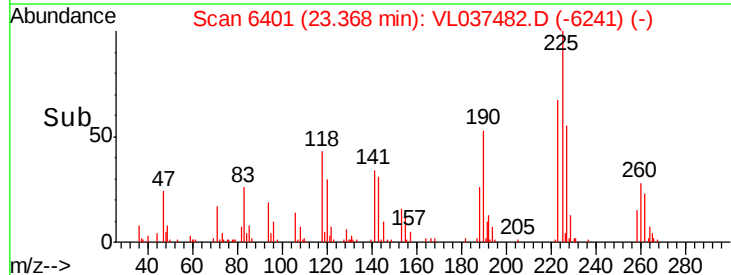
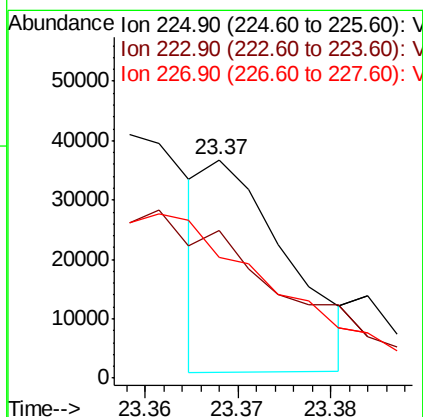
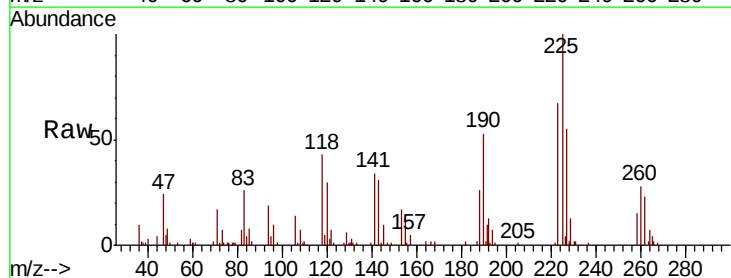
Instrument :
 MSVOA_L
 ClientSampleId :

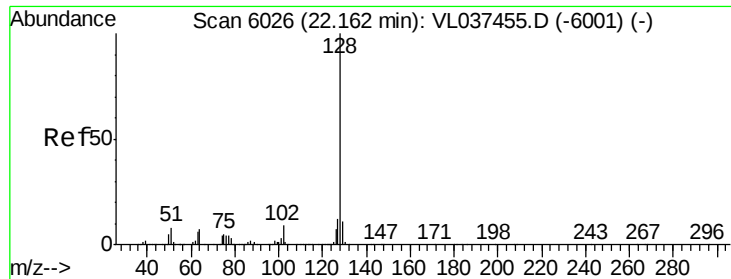
Tot Ion:146 Resp: 65291
 Ion Ratio Lower Upper
 146 100
 111 94.7 23.4 70.3#
 148 130.6 32.5 97.5#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.093 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. 0.02 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Tgt Ion:225 Resp: 21757
 Ion Ratio Lower Upper
 225 100
 223 356.0 51.4 77.0#
 227 343.5 52.9 79.3#

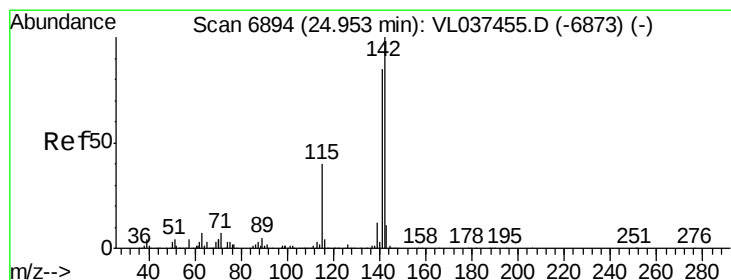
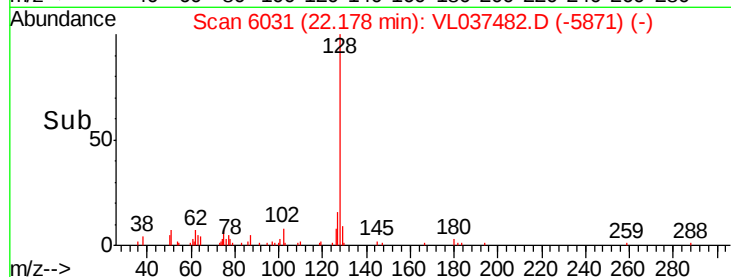
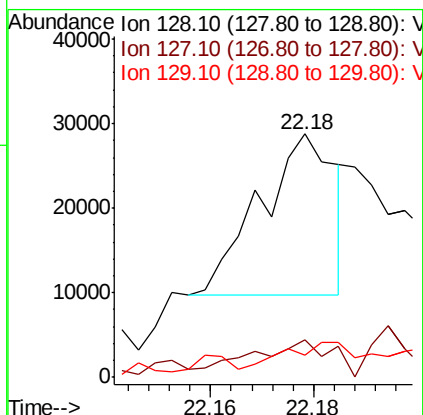
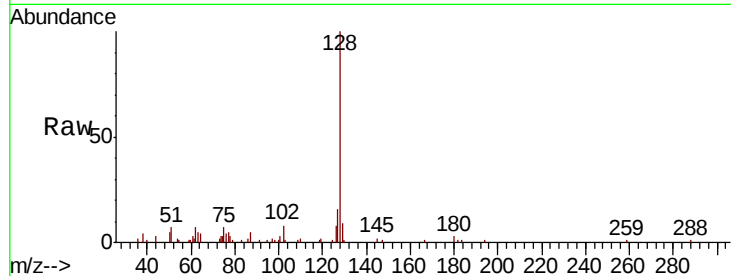




#79
Naphthalene
Concen: 0.061 ppbv
RT: 22.18 min Scan# 6031
Delta R.T. 0.02 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

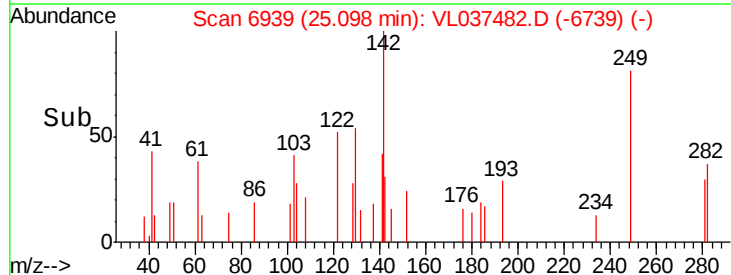
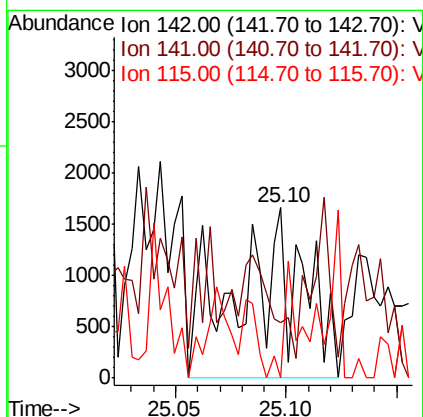
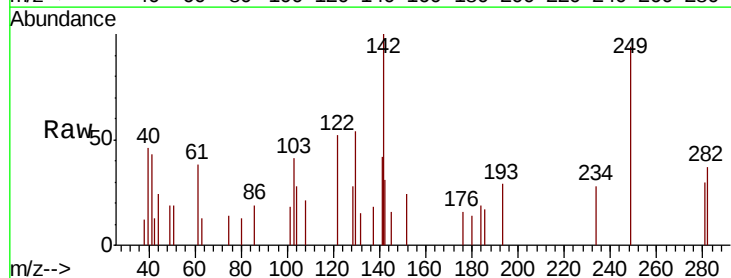
Instrument :
MSVOA_L
ClientSampleId :

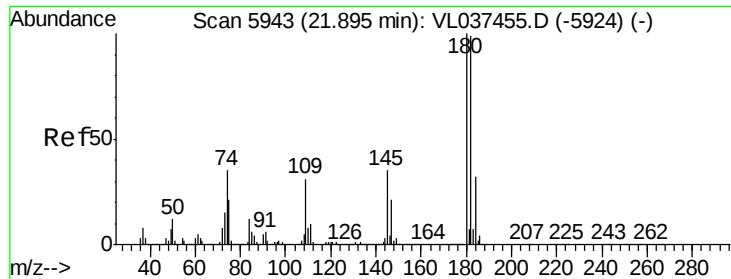
Tot Ion:128 Resp: 19428
Ion Ratio Lower Upper
128 100
127 18.7 9.4 14.2#
129 8.7 8.8 13.2#



#80
Naphthalene, 2-methyl-
Concen: 0.038 ppbv
RT: 25.10 min Scan# 6939
Delta R.T. 0.14 min
Lab File: VL037482.D
Acq: 17 Aug 2021 4:28

Tgt Ion:142 Resp: 3377
Ion Ratio Lower Upper
142 100
141 69.3 64.7 97.1
115 30.0 28.4 42.6





#81
 1,2,4-Trichlorobenzene
 Concen: 0.123 ppbv
 RT: 21.90 min Scan# 5946
 Delta R.T. 0.01 min
 Lab File: VL037482.D
 Acq: 17 Aug 2021 4:28

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 24452
 Ion Ratio Lower Upper
 180 100
 182 0.0 79.6 119.4#
 184 0.0 25.4 38.2#

