

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038053.D
 Acq On : 18 Nov 2021 13:41
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVL111821

Quant Time: Nov 19 07:20:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	837540	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2521083	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2851160	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1721208	8.37	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1462229	10.569	ppbv 99
3) Chlorodifluoromethane	3.00	51	1703484	9.685	ppbv 99
4) Chloromethane	3.15	50	609221	10.175	ppbv 98
5) Vinyl Chloride	3.26	62	600858	10.229	ppbv 99
6) Bromomethane	3.48	94	307457	9.771	ppbv 99
7) Chloroethane	3.57	64	205357	9.851	ppbv 100
8) Dichlorotetrafluoroethane	3.20	85	1397633	10.156	ppbv 99
9) Propene	3.02	41	631757	9.753	ppbv 98
10) Heptane	8.12	43	1542503	9.635	ppbv 100
11) Trichlorofluoromethane	3.96	101	1300211	9.882	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	889831	9.561	ppbv 99
13) Ethanol	3.62	45	11215	1.792	ppbv # 1
14) Bromoethene	3.75	108	410999	9.862	ppbv 99
15) Acetone	3.85	43	695766	9.581	ppbv 100
16) 1,3-Butadiene	3.33	39	579654	10.232	ppbv 97
17) tert-Butyl alcohol	4.29	59	788512	8.952	ppbv 100
18) 1,1-Dichloroethene	4.29	96	410359	9.611	ppbv 99
19) Isopropyl Alcohol	4.02	45	10332	0.197	ppbv # 95
20) Methylene Chloride	4.35	84	359413	8.836	ppbv 98
21) Allyl Chloride	4.42	41	653824	9.727	ppbv 99
22) trans-1,2-Dichloroethene	4.89	96	430017	9.943	ppbv 98
23) Vinyl Acetate	5.08	43	1078786	10.262	ppbv 98
24) 1,1-Dichloroethane	5.02	63	856455	9.784	ppbv 99
25) Ethyl Acetate	5.68	43	2367363	9.809	ppbv 99
26) Hexane	5.69	57	1135135	9.758	ppbv 96
27) Carbon Disulfide	4.56	76	1047046	10.048	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	966467	9.781	ppbv 99
29) Chloroform	5.75	83	1677796	9.787	ppbv 98
30) Cyclohexane	7.13	84	1014948	9.611	ppbv 99
31) cis-1,2-Dichloroethene	5.56	61	1100325	9.944	ppbv 99
32) 1,1,1-Trichloroethane	6.51	97	1714893	9.856	ppbv 99
34) 2-Butanone	5.25	43	1053270	10.361	ppbv 98
35) Carbon Tetrachloride	7.02	117	1764759	9.963	ppbv 100
36) Benzene	6.90	78	2442669	9.713	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1226393	10.097	ppbv 100
38) Trichloroethene	7.84	130	877270	9.248	ppbv 99
39) 1,2-Dichloropropane	7.62	63	945097	9.797	ppbv 99
40) 1,4-Dioxane	7.83	88	73532	2.926	ppbv # 1
41) Tetrahydrofuran	6.05	42	614586	9.739	ppbv 99
42) Bromodichloromethane	7.79	83	1847198	10.004	ppbv 99
43) Methyl Methacrylate	8.02	69	900113	10.462	ppbv 100

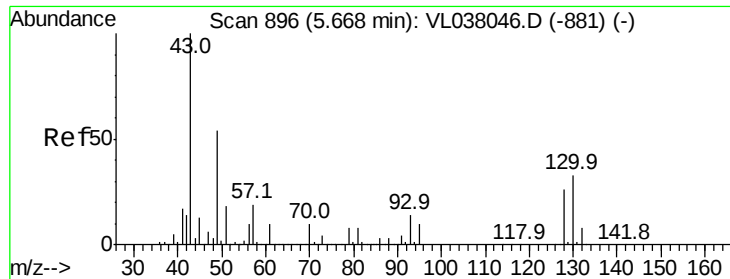
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038053.D
 Acq On : 18 Nov 2021 13:41
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111821

Quant Time: Nov 19 07:20:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3917730	9.311	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	793070	11.492	ppbv	96
46) cis-1,3-Dichloropropene	8.71	75	988356	10.588	ppbv	97
47) 1,1,2-Trichloroethane	9.48	97	971515	9.616	ppbv	96
48) Dibromochloromethane	10.30	129	1606084	10.438	ppbv	98
49) Bromoform	13.04	173	1160252	10.541	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1570711	10.174	ppbv	100
51) 2-Hexanone	10.14	43	735020	10.120	ppbv #	99
52) Tetrachloroethene	11.23	164	809166	8.696	ppbv	96
53) Toluene	9.81	91	2787789	9.635	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1413733	9.906	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1007286	7.782	ppbv	95
57) Chlorobenzene	12.15	112	1974093	7.725	ppbv	99
58) Ethyl Benzene	12.71	91	3614641	7.670	ppbv	100
59) m/p-Xylene	13.00	91	3178879	8.013	ppbv #	40
60) o-Xylene	13.70	91	2690212	7.310	ppbv	98
61) Styrene	13.53	104	1582782	8.022	ppbv	98
62) Isopropylbenzene	14.67	105	3897983	7.462	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	1954452	7.150	ppbv	99
64) n-propylbenzene	15.56	120	1053017	7.913	ppbv	100
65) tert-Butylbenzene	16.74	119	3392292	7.371	ppbv	100
66) Benzyl Chloride	16.99	91	195232	8.370	ppbv	100
67) sec-Butylbenzene	17.29	105	4849028	7.562	ppbv	100
69) p-Isopropyltoluene	17.65	119	3995888	7.966	ppbv	100
70) n-Butylbenzene	18.55	91	3985480	8.310	ppbv	100
71) 2-Chlorotoluene	15.45	91	2874849	7.528	ppbv	99
72) 4-Ethyltoluene	15.84	105	3485952	8.170	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3066230	7.868	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	3107768	7.739	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	1798786	8.155	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1774114	7.993	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	1737187	8.134	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1042371	7.817	ppbv	99
79) Naphthalene	22.19	128	2142005	10.129	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	513580	11.332	ppbv	99
81) 1,2,4-Trichlorobenzene	21.92	180	1134277	9.334	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 13:41

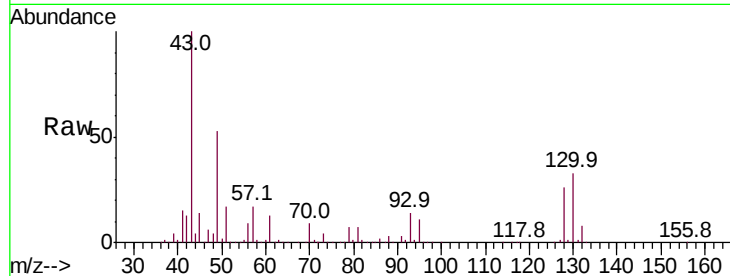
Tot Ion: 49 Resp: 837540

Ion Ratio Lower Upper

49 100

128 53.1 26.5 79.5

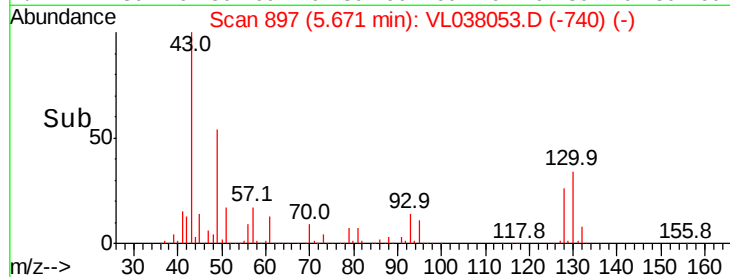
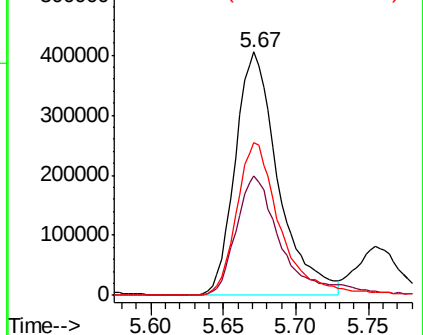
130 64.8 32.5 97.4



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: 10.569 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.00 min

Lab File: VL038053.D

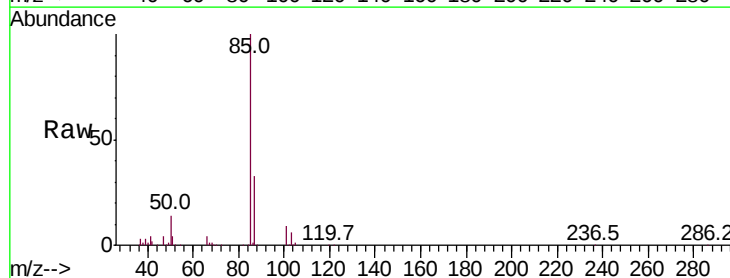
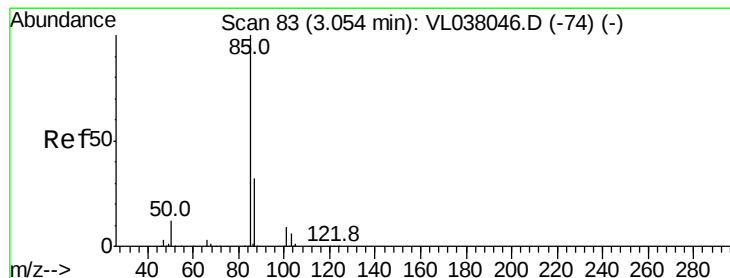
Acq: 18 Nov 2021 13:41

Tgt Ion: 85 Resp: 1462229

Ion Ratio Lower Upper

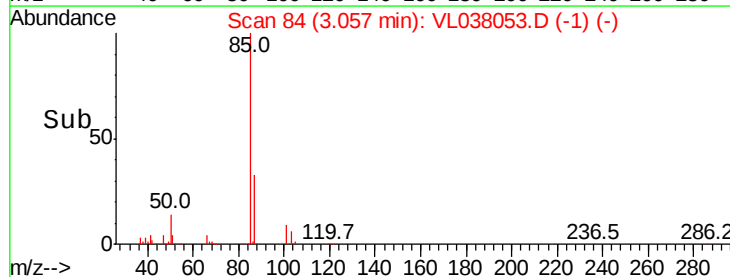
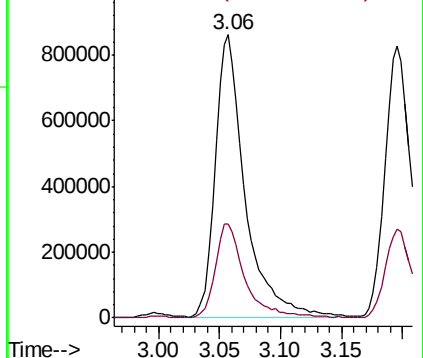
85 100

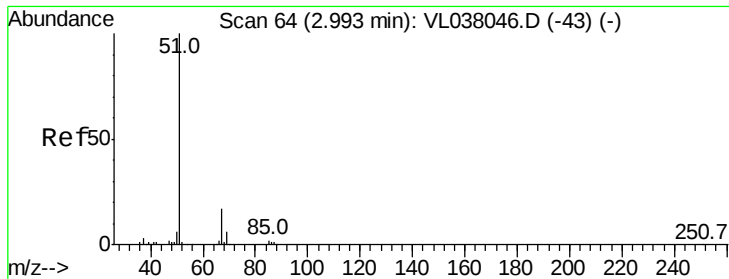
87 33.0 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

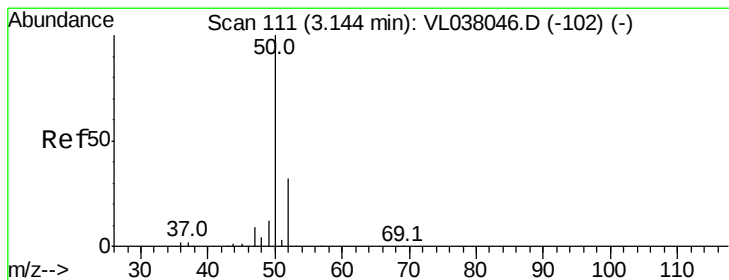
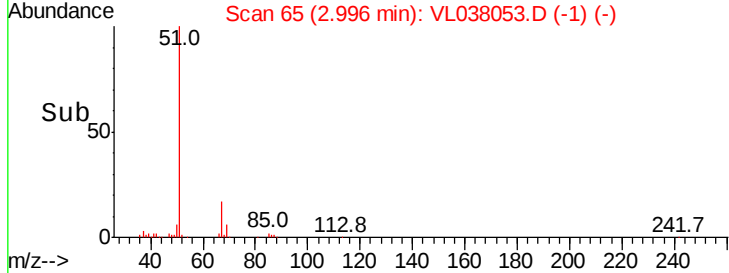
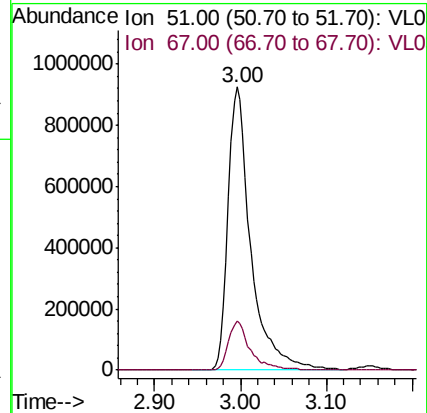
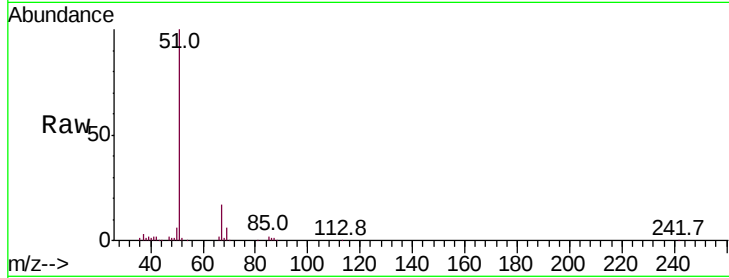
Ion 87.00 (86.70 to 87.70): VL0





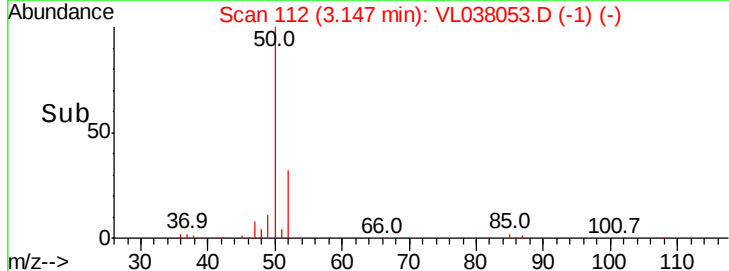
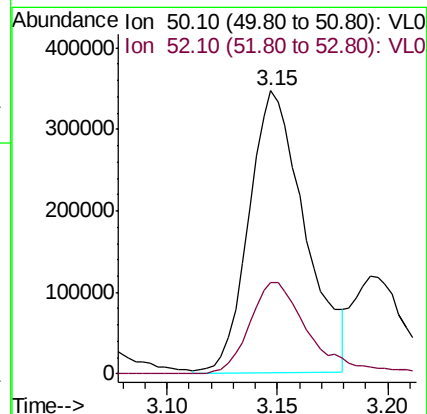
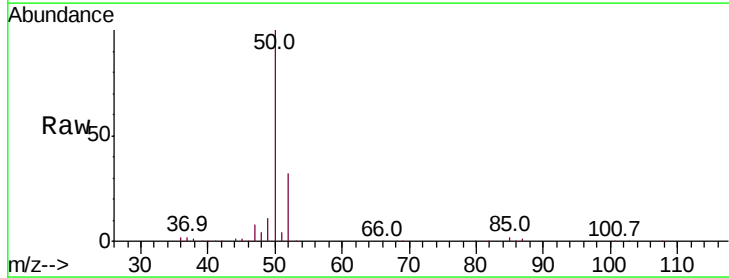
#3
 Chlorodifluoromethane
 Concen: 9.685 ppbv
 RT: 3.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Nov 2021 13:41

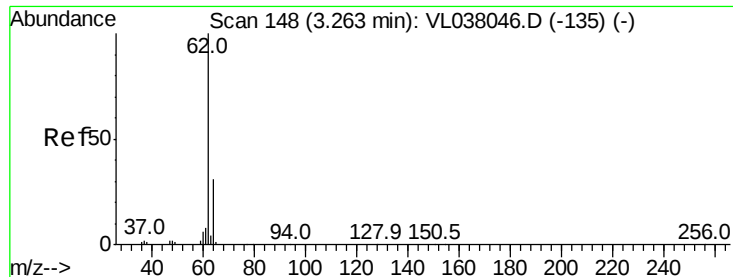
Tot Ion: 51 Resp: 1703484
 Ion Ratio Lower Upper
 51 100
 67 17.0 13.8 20.8



#4
 Chloromethane
 Concen: 10.175 ppbv
 RT: 3.15 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

Tgt Ion: 50 Resp: 609221
 Ion Ratio Lower Upper
 50 100
 52 32.9 25.4 38.0





#5

Vinyl Chloride

Concen: 10.229 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL111821

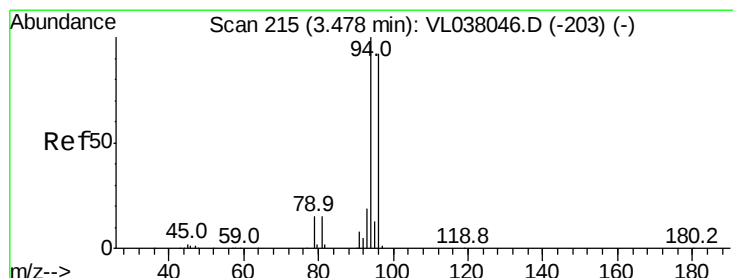
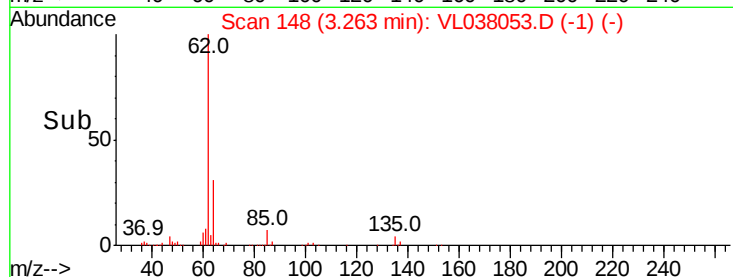
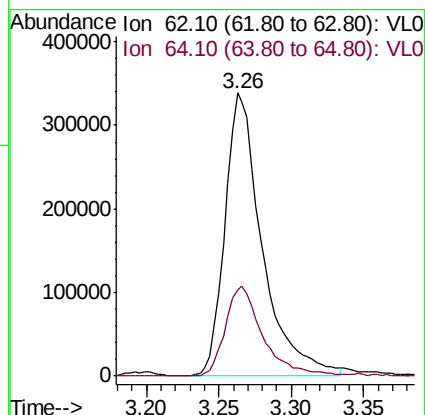
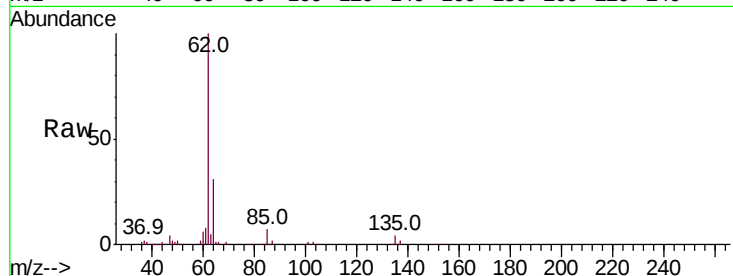
Acq: 18 Nov 2021 13:41

Tot Ion: 62 Resp: 600858

Ion Ratio Lower Upper

62 100

64 30.7 25.1 37.7



#6

Bromomethane

Concen: 9.771 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL038053.D

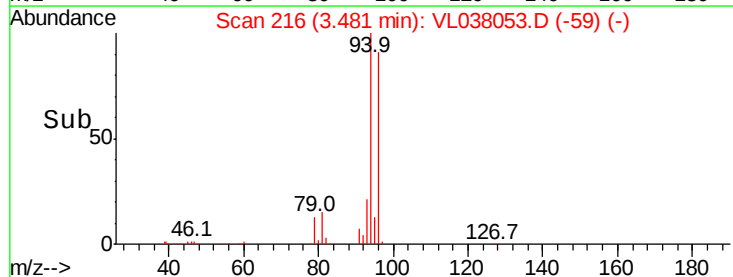
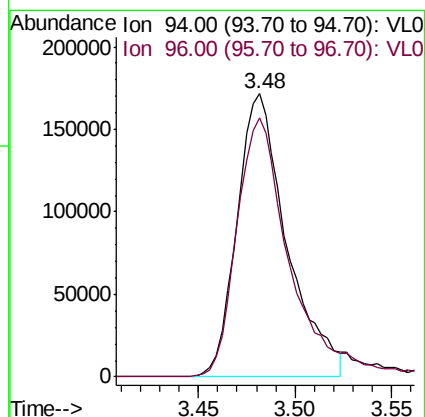
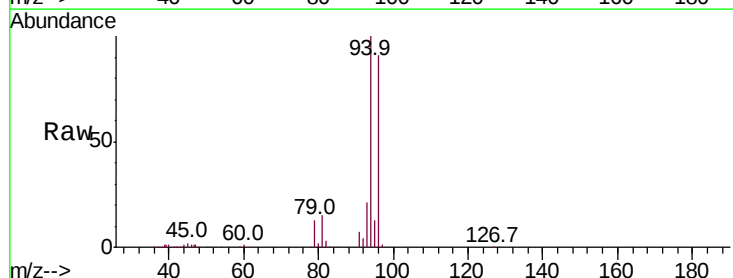
Acq: 18 Nov 2021 13:41

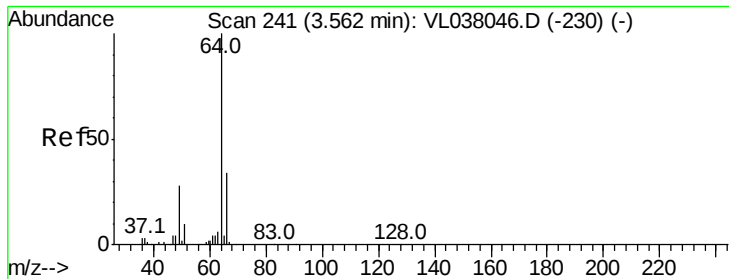
Tgt Ion: 94 Resp: 307457

Ion Ratio Lower Upper

94 100

96 91.2 73.9 110.9





#7

Chloroethane

Concen: 9.851 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

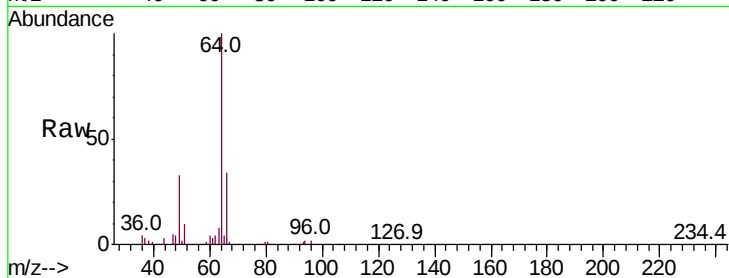
Acq: 18 Nov 2021 13:41

Tot Ion: 64 Resp: 205357

Ion Ratio Lower Upper

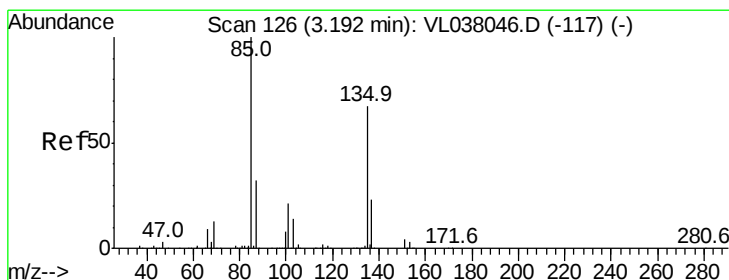
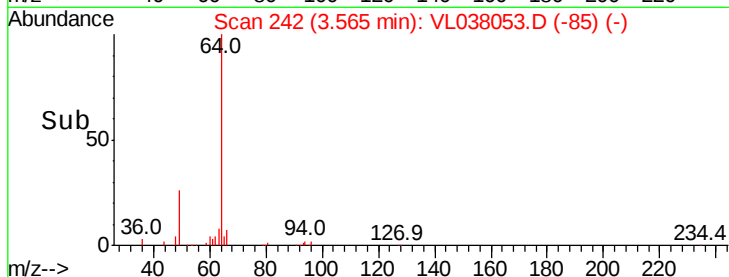
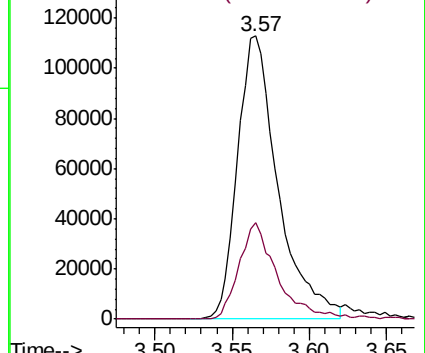
64 100

66 34.2 27.2 40.8



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 10.156 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.00 min

Lab File: VL038053.D

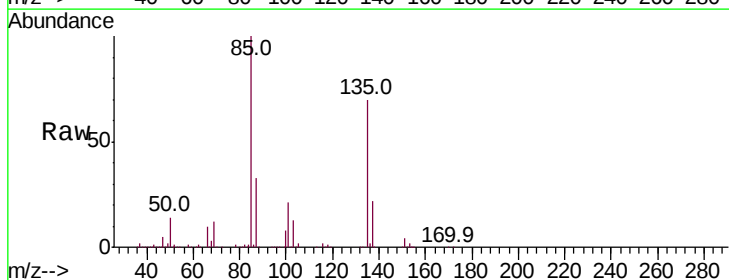
Acq: 18 Nov 2021 13:41

Tgt Ion: 85 Resp: 1397633

Ion Ratio Lower Upper

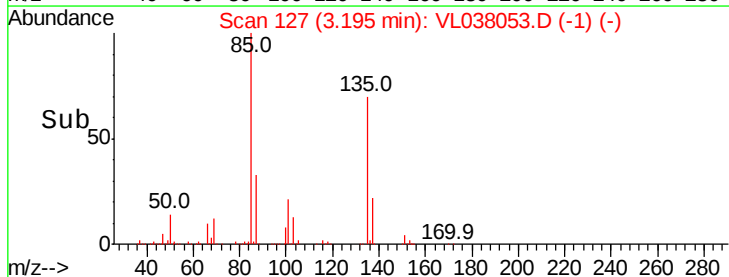
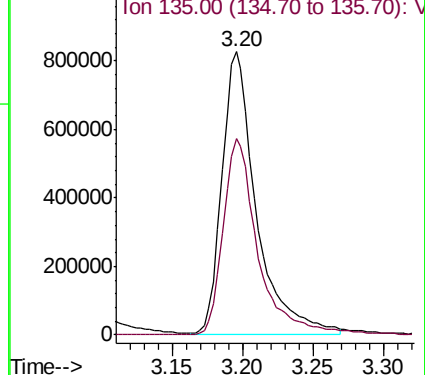
85 100

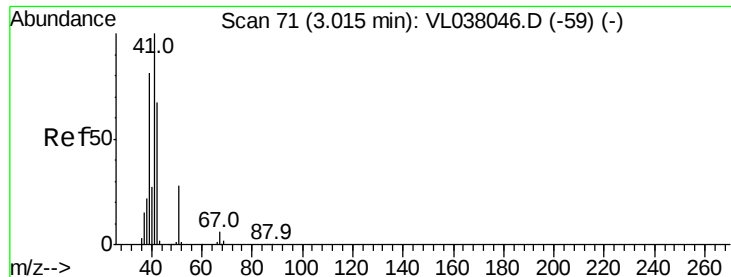
135 71.4 57.9 86.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 9.753 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: ICVVL111821

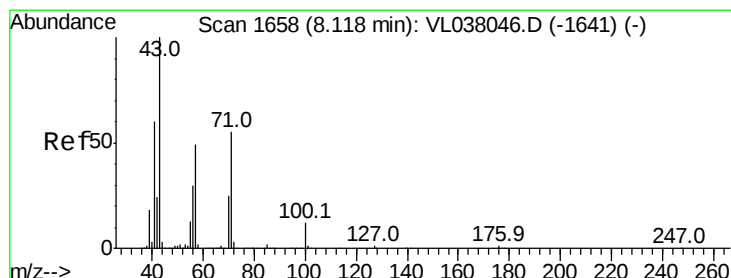
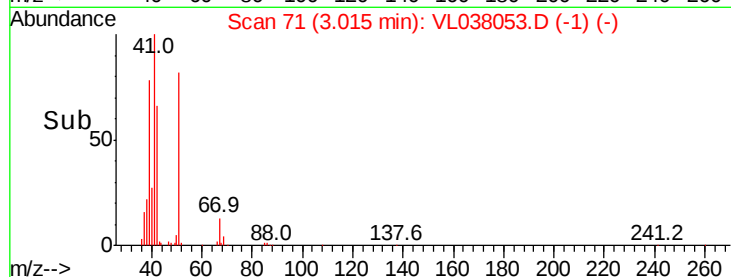
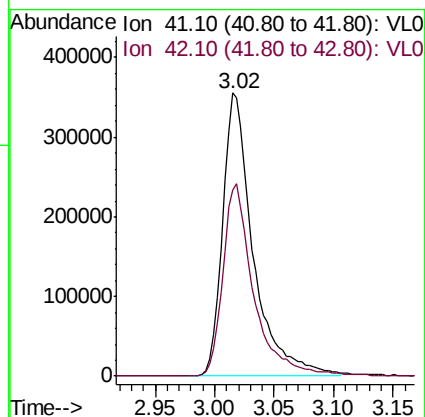
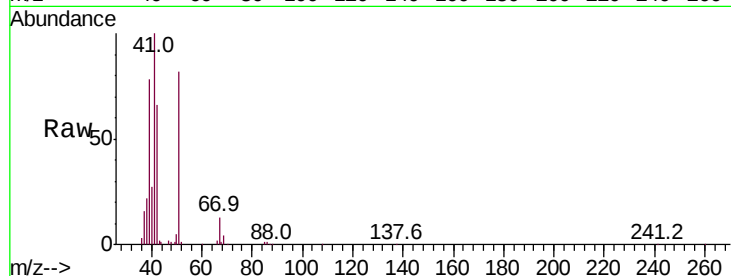
Acq: 18 Nov 2021 13:41

Tot Ion: 41 Resp: 631757

Ion Ratio Lower Upper

41 100

42 68.7 53.8 80.8



#10

Heptane

Concen: 9.635 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VL038053.D

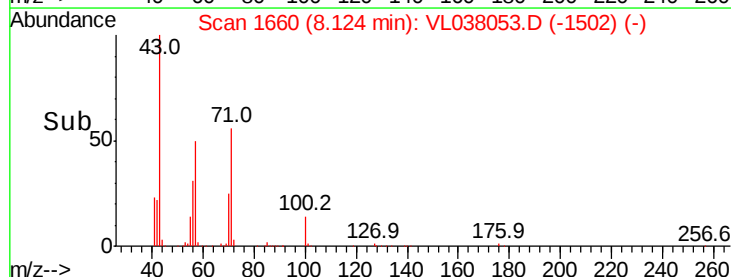
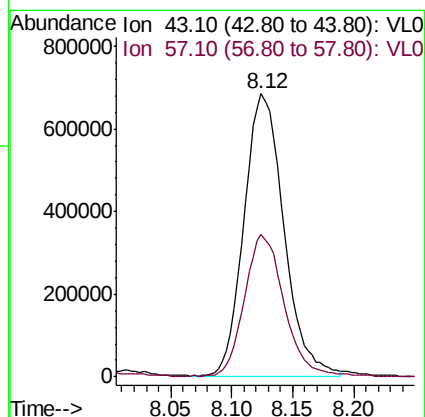
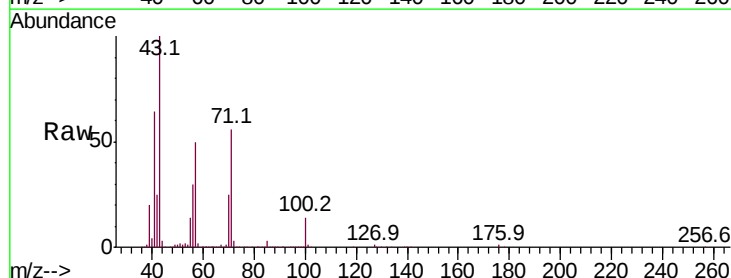
Acq: 18 Nov 2021 13:41

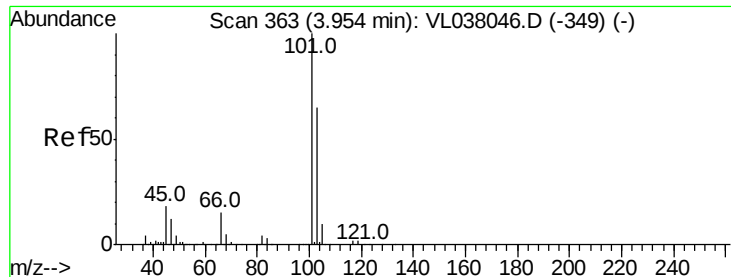
Tgt Ion: 43 Resp: 1542503

Ion Ratio Lower Upper

43 100

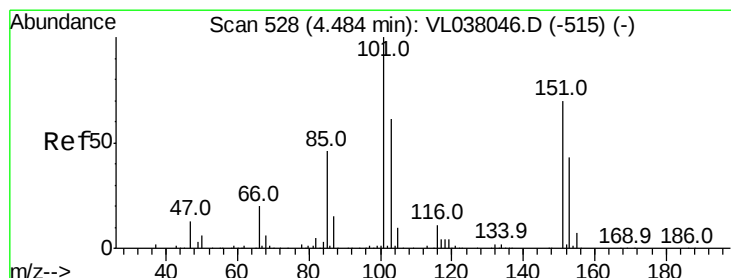
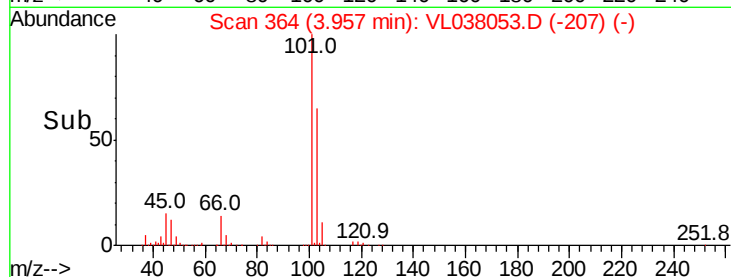
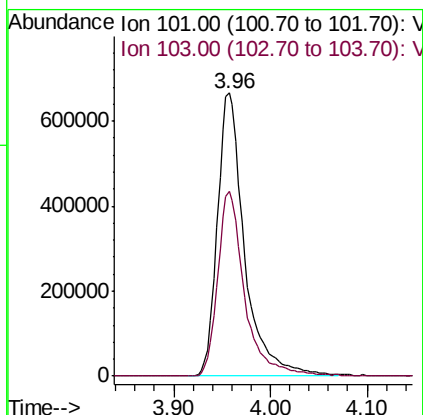
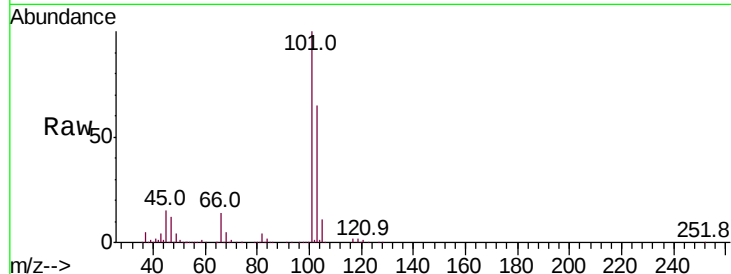
57 50.2 40.4 60.6





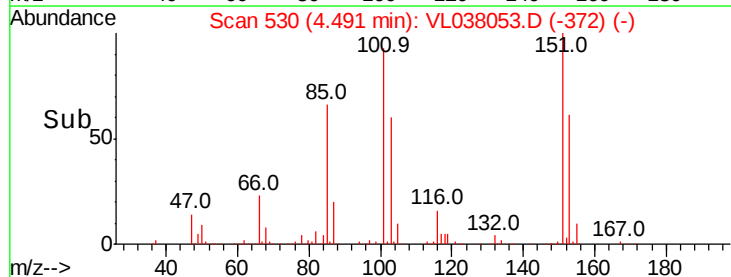
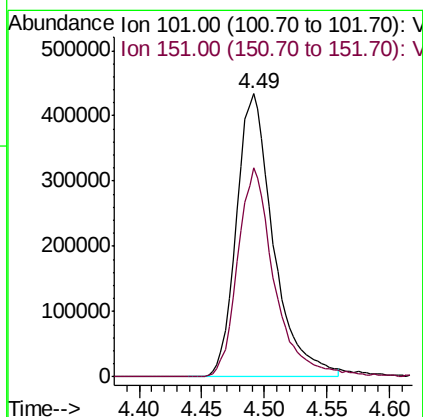
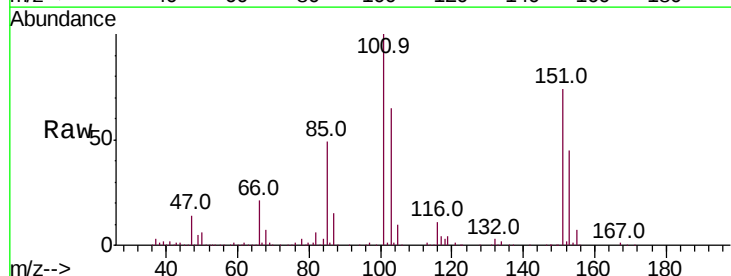
#11
 Trichlorofluoromethane
 Concen: 9.882 ppbv
 RT: 3.96
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Nov 2021 13:41

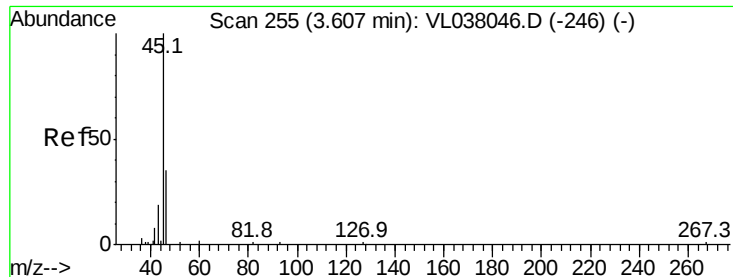
Tot Ion:101 Resp: 1300211
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.8 77.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.561 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

Tgt Ion:101 Resp: 889831
 Ion Ratio Lower Upper
 101 100
 151 74.2 59.0 88.4





#13

Ethanol

Concen: 1.792 ppbv

RT: 3.62 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: ICVVL111821

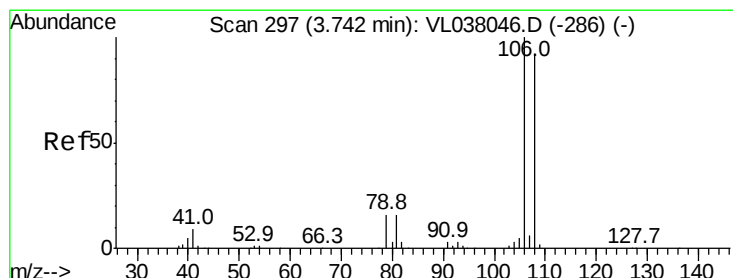
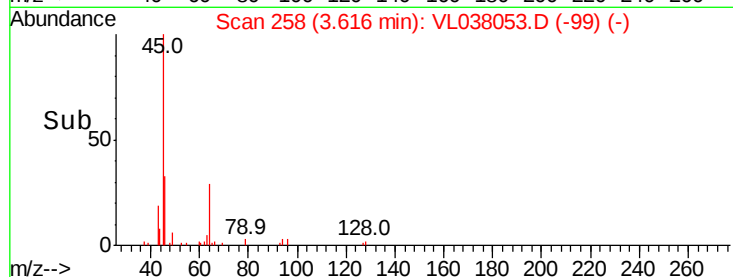
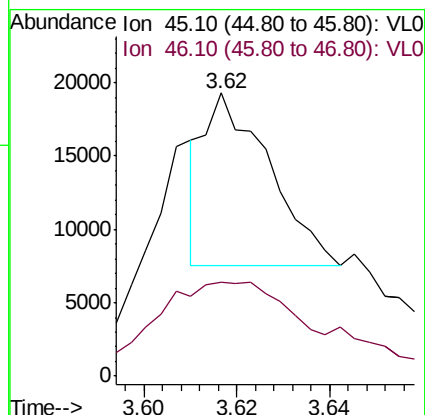
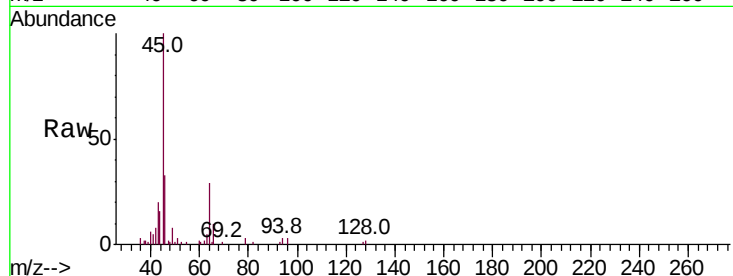
Acq: 18 Nov 2021 13:41

Tot Ion: 45 Resp: 11215

Ion Ratio Lower Upper

45 100

46 167.2 17.6 70.2#



#14

Bromoethene

Concen: 9.862 ppbv

RT: 3.75 min Scan# 299

Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

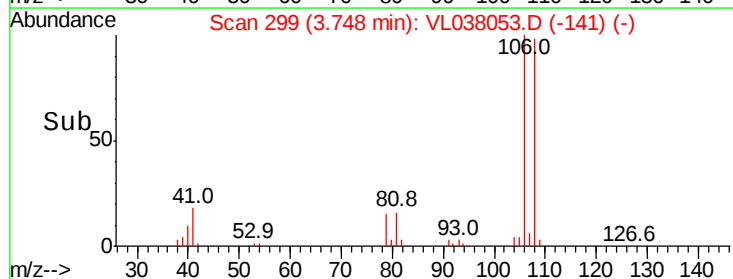
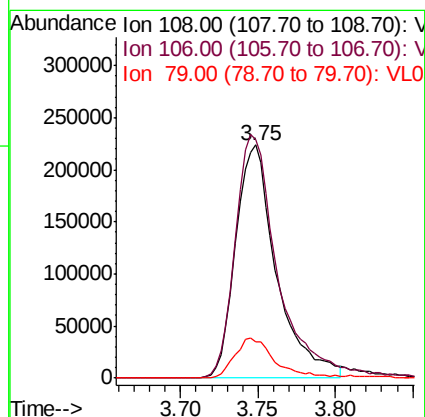
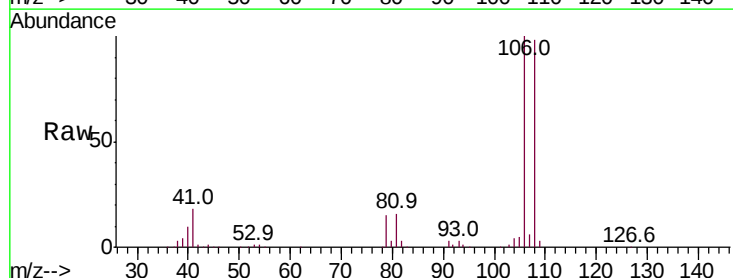
Tgt Ion: 108 Resp: 410999

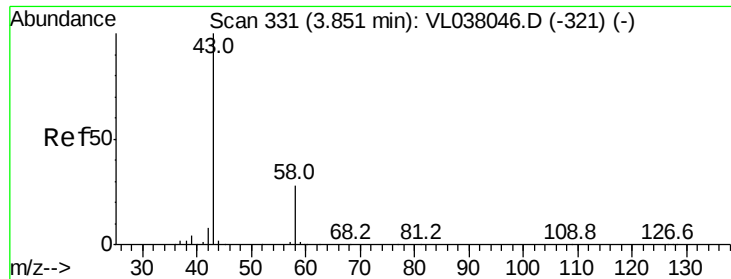
Ion Ratio Lower Upper

108 100

106 111.1 89.4 134.0

79 18.2 14.1 21.1





#15

Acetone

Concen: 9.581 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

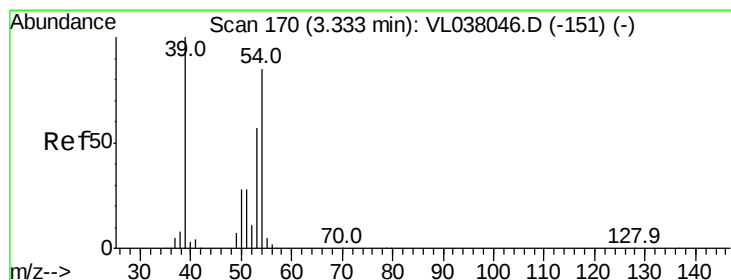
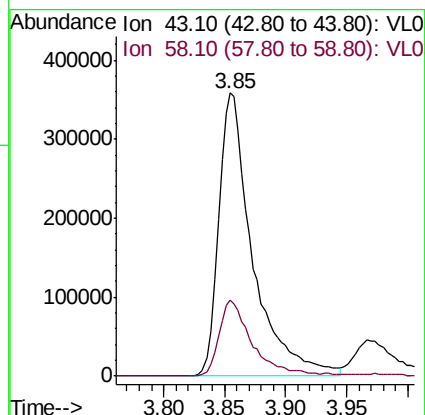
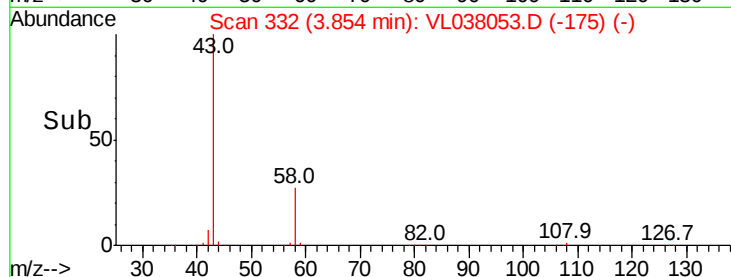
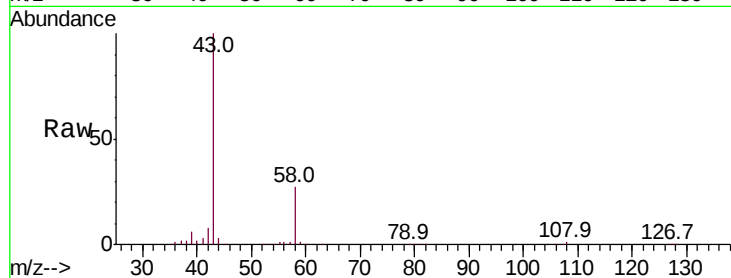
Acq: 18 Nov 2021 13:41

Tot Ion: 43 Resp: 695766

Ion Ratio Lower Upper

43 100

58 28.2 22.4 33.6



#16

1,3-Butadiene

Concen: 10.232 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.00 min

Lab File: VL038053.D

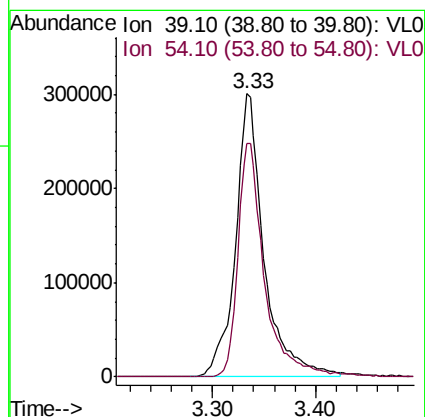
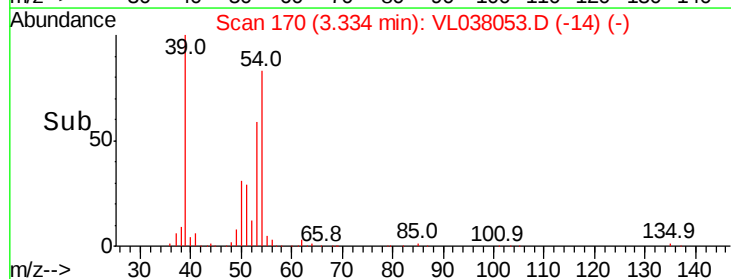
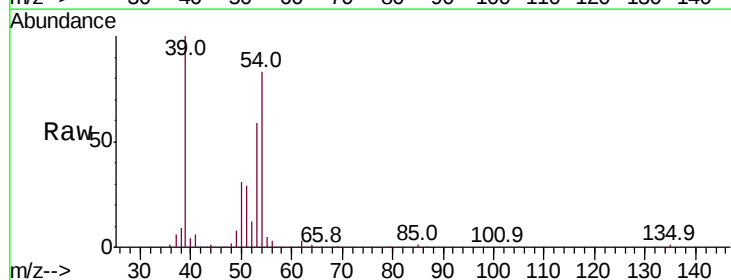
Acq: 18 Nov 2021 13:41

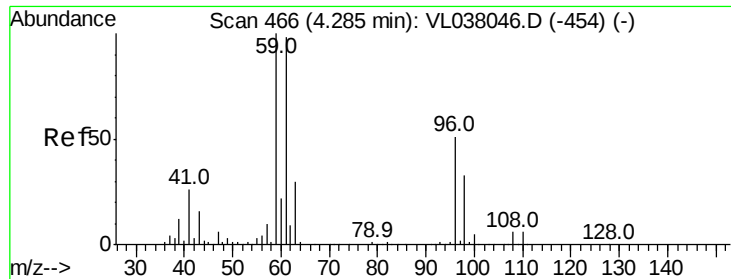
Tgt Ion: 39 Resp: 579654

Ion Ratio Lower Upper

39 100

54 77.5 64.4 96.6





#17

tert-Butyl alcohol

Concen: 8.952 ppbv

RT: 4.29

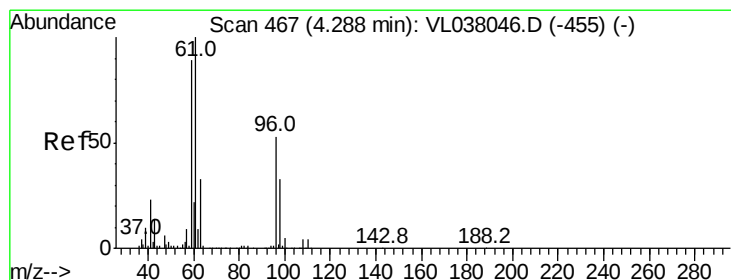
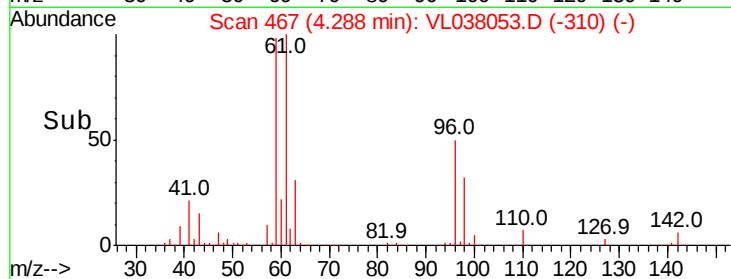
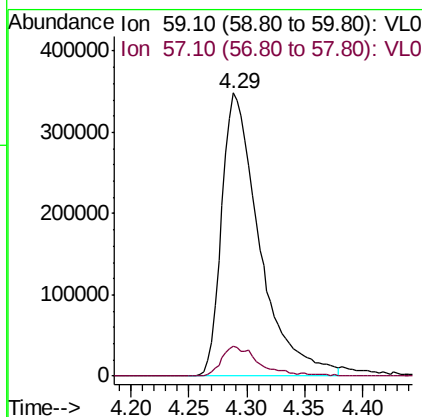
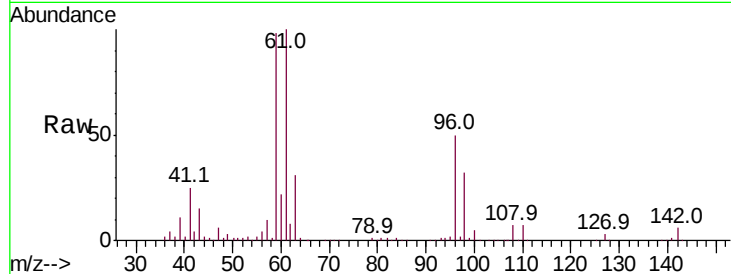
Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 18 Nov 2021 13:41

Tot Ion: 59 Resp: 788512

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	13.0



#18

1,1-Dichloroethene

Concen: 9.611 ppbv

RT: 4.29 min Scan# 469

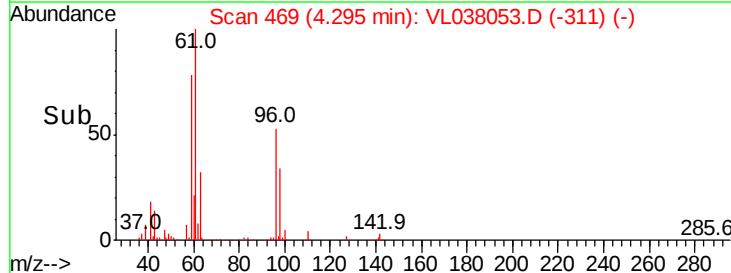
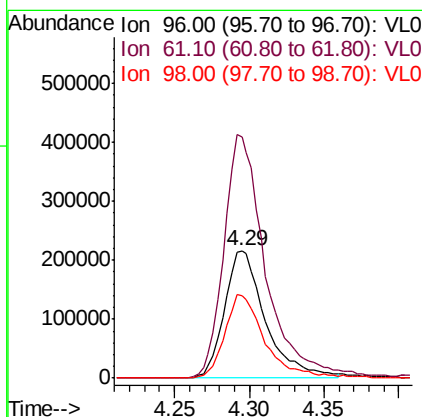
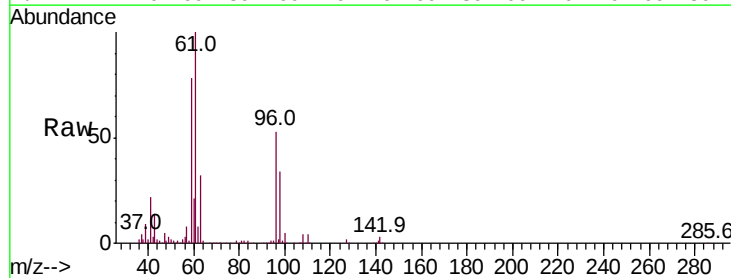
Delta R.T. 0.01 min

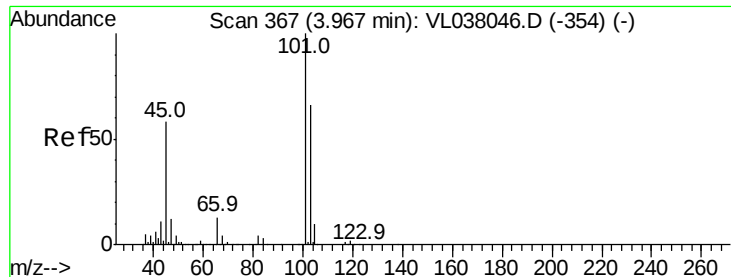
Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

Tgt Ion: 96 Resp: 410359

Ion	Ratio	Lower	Upper
96	100		
61	188.8	149.8	224.8
98	64.4	50.2	75.2





#19

Isopropyl Alcohol

Concen: 0.197 ppbv

RT: 4.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

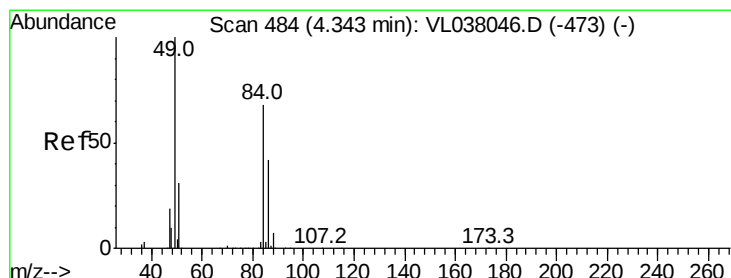
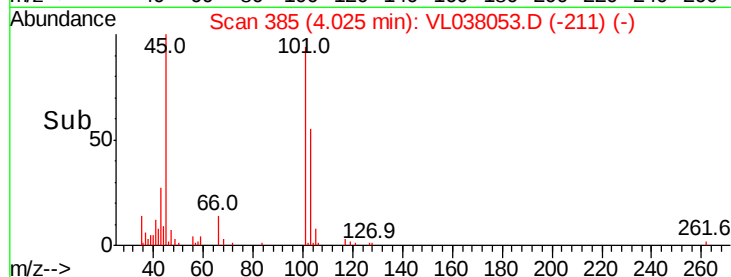
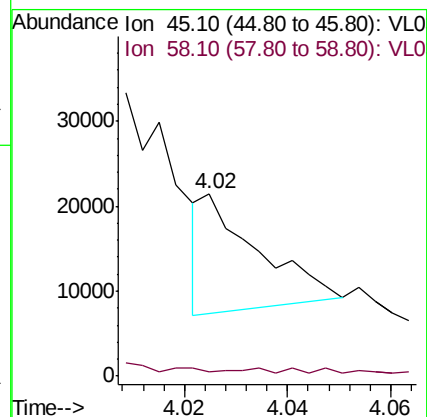
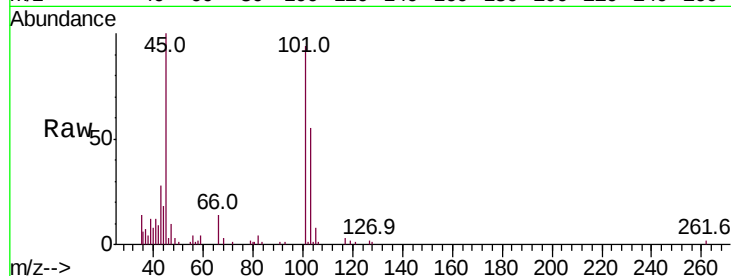
Acq: 18 Nov 2021 13:41

Tot Ion: 45 Resp: 10332

Ion Ratio Lower Upper

45 100

58 0.0 1.4 2.0#



#20

Methylene Chloride

Concen: 8.836 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

Tgt Ion: 84 Resp: 359413

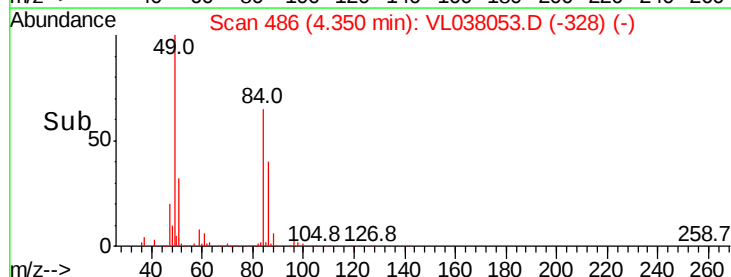
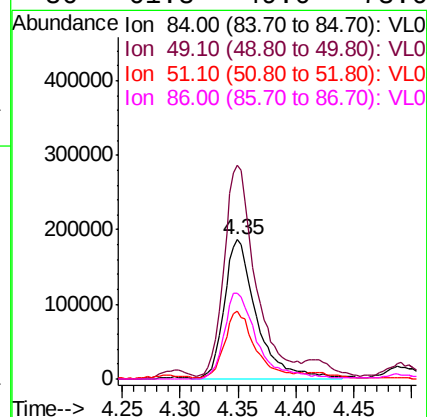
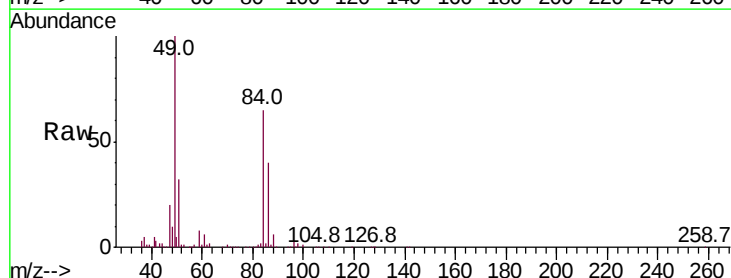
Ion Ratio Lower Upper

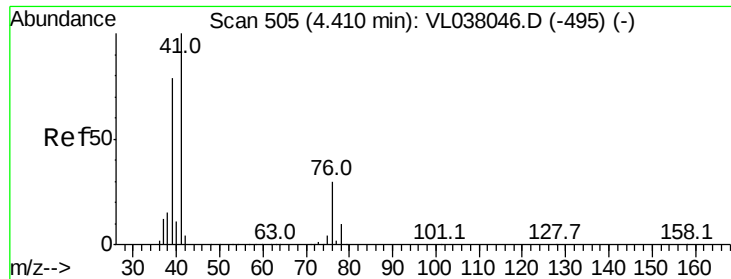
84 100

49 151.1 118.2 177.2

51 47.5 36.8 55.2

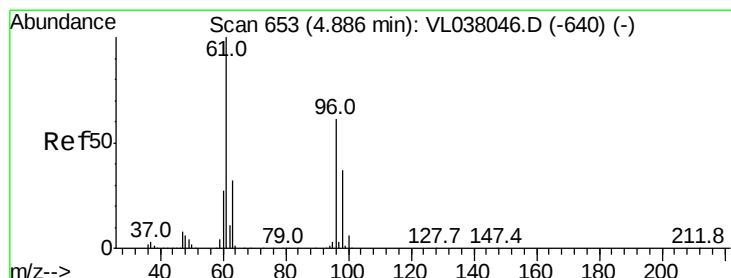
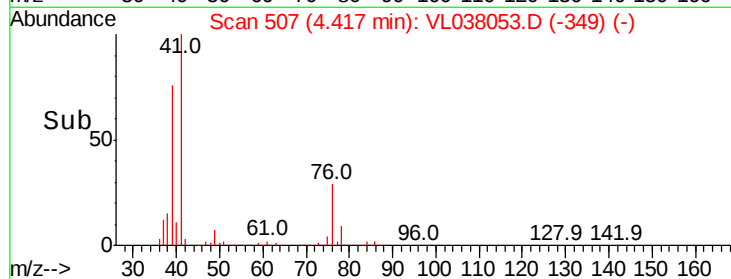
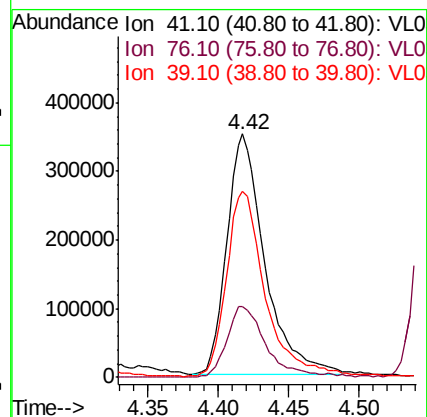
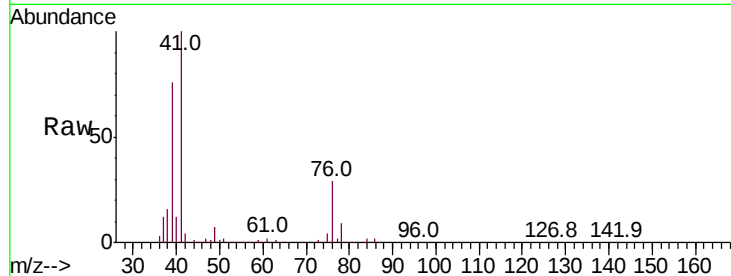
86 61.8 49.0 73.6





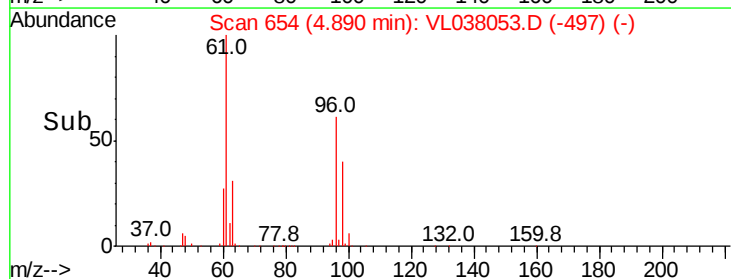
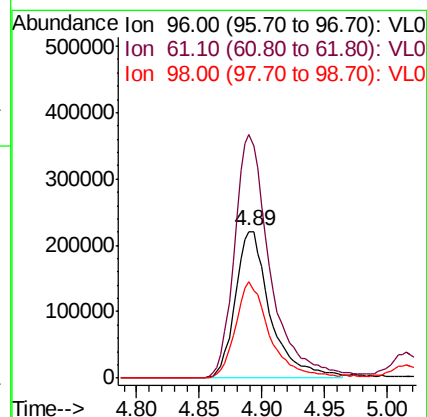
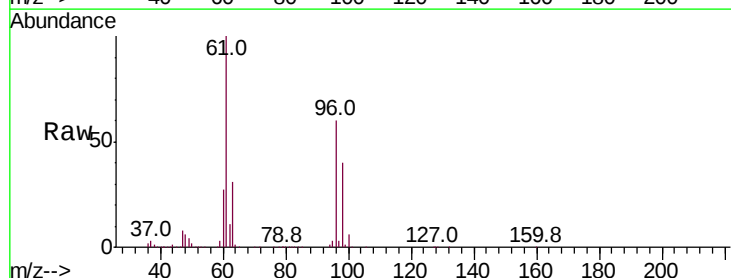
#21
Allvl Chloride
Concen: 9.727 ppbv
RT: 4.42
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 13:41

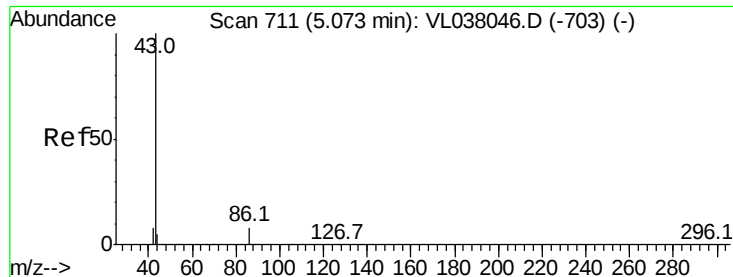
Tot Ion: 41 Resp: 653824
Ion Ratio Lower Upper
41 100
76 30.9 24.6 36.8
39 79.7 63.4 95.0



#22
trans-1,2-Dichloroethene
Concen: 9.943 ppbv
RT: 4.89 min Scan# 654
Delta R.T.: 0.00 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 96 Resp: 430017
Ion Ratio Lower Upper
96 100
61 165.6 131.6 197.4
98 65.6 48.4 72.6





#23

Vinyl Acetate

Concen: 10.262 ppbv

RT: 5.08 Instrument: MSVOA_1

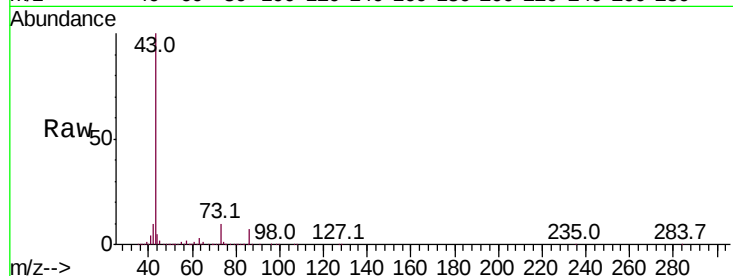
Delta R.T.

Lab File: ClientSampleId:

Acq: 18 Nov 2021 13:41

Tot Ion: 43 Resp: 1078786

Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.3	7.9
42	9.7	7.0	10.6
44	4.6	4.0	6.0

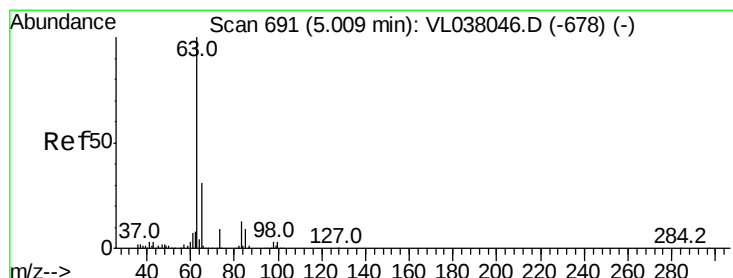
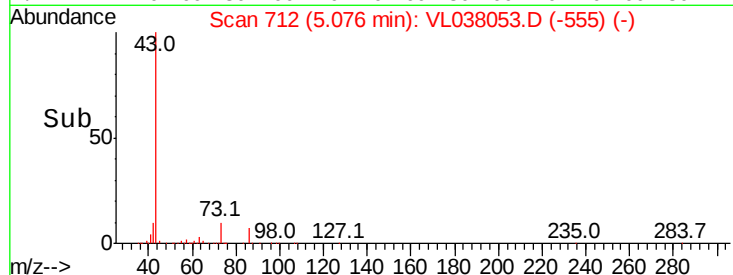
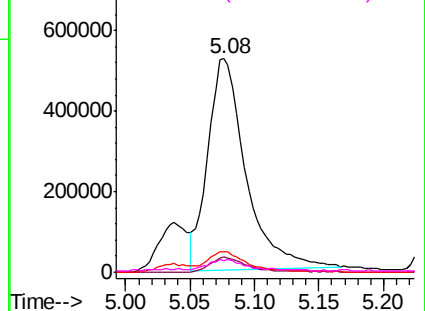


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.784 ppbv

RT: 5.02 min Scan# 693

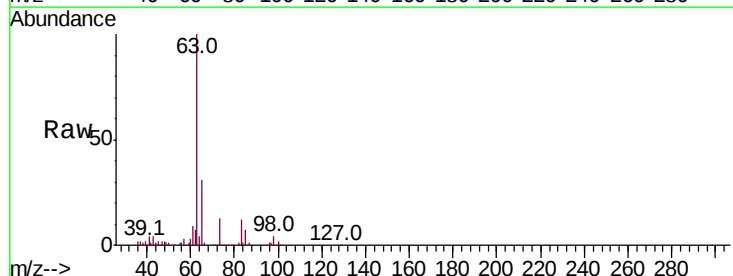
Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

Tgt Ion: 63 Resp: 856455

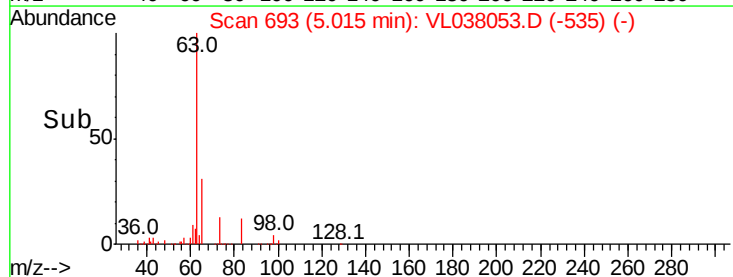
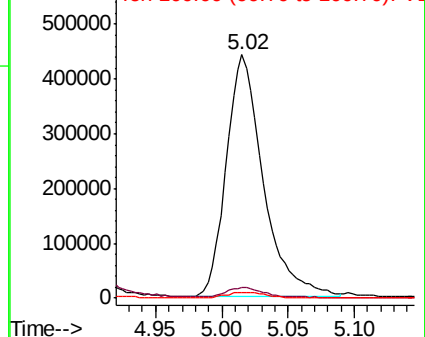
Ion	Ratio	Lower	Upper
63	100		
98	4.1	1.8	5.4
100	2.4	1.4	4.0

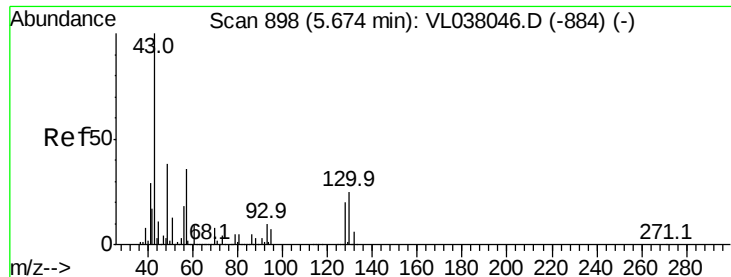


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

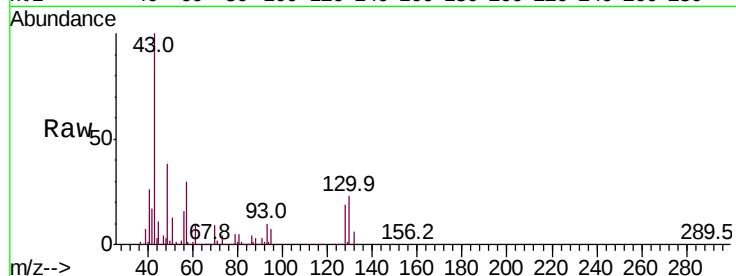




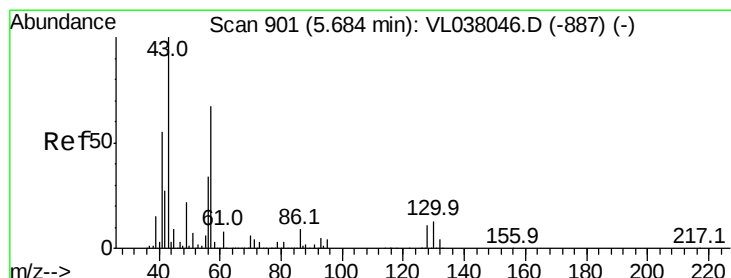
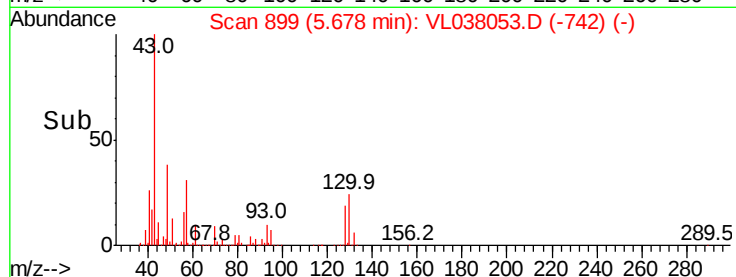
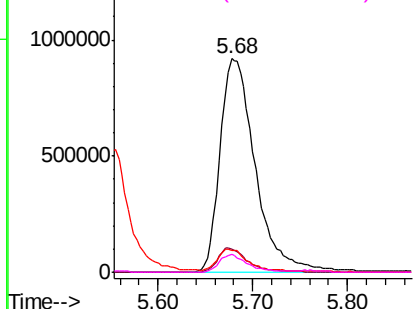
#25
 Ethyl Acetate
 Concen: 9.809 ppbv
 RT: 5.68
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Nov 2021 13:41

Tot Ion: 43 Resp: 2367363

Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.9	11.9
61	10.0	7.8	11.6
70	7.0	5.8	8.8



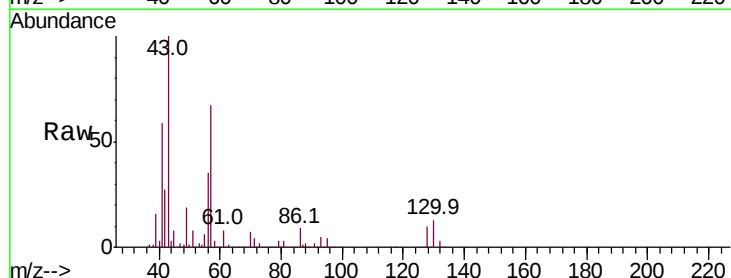
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 45.10 (44.80 to 45.80): VL0
 Ion 61.10 (60.80 to 61.80): VL0
 Ion 70.10 (69.80 to 70.80): VL0



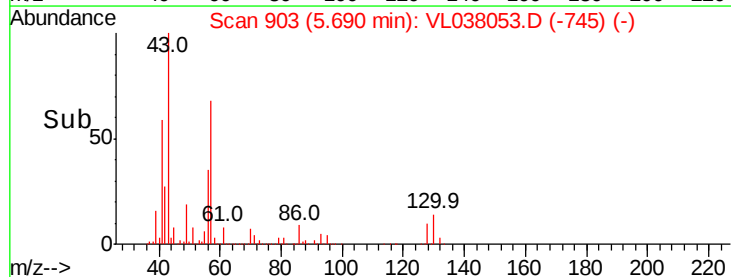
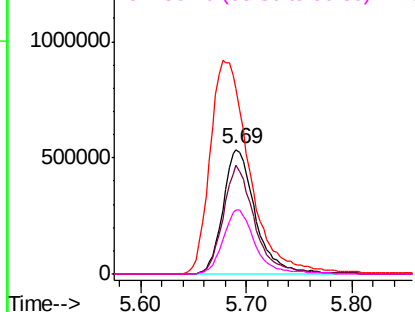
#26
 Hexane
 Concen: 9.758 ppbv
 RT: 5.69 min Scan# 903
 Delta R.T.: 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

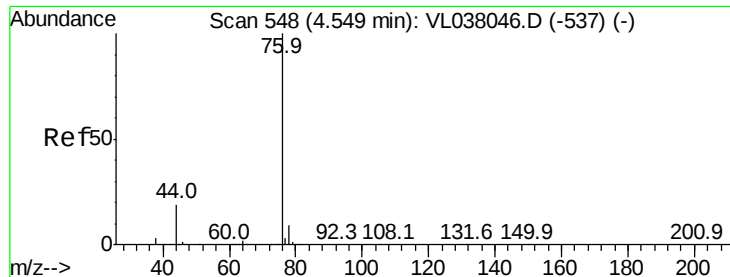
Tgt Ion: 57 Resp: 1135135

Ion	Ratio	Lower	Upper
57	100		
41	85.5	71.4	107.2
43	210.6	174.6	261.8
56	51.5	43.2	64.8



Abundance Ion 57.10 (56.80 to 57.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 43.10 (42.80 to 43.80): VL0
 Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 10.048 ppbv

RT: 4.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Nov 2021 13:41

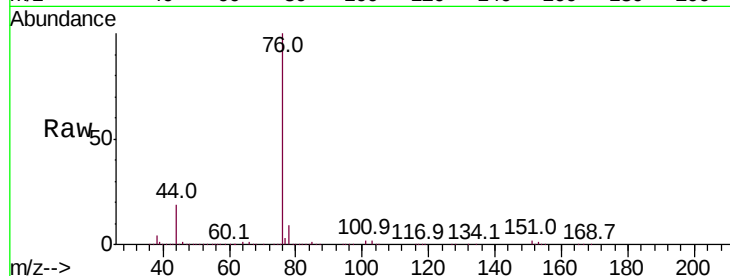
Tot Ion: 76 Resp: 1047046

Ion Ratio Lower Upper

76 100

44 19.2 14.9 22.3

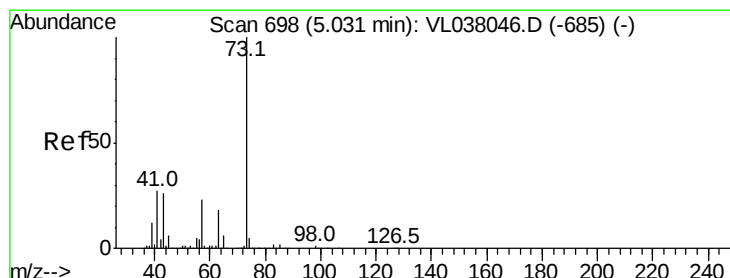
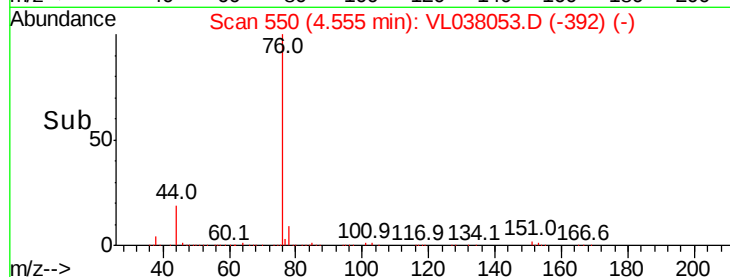
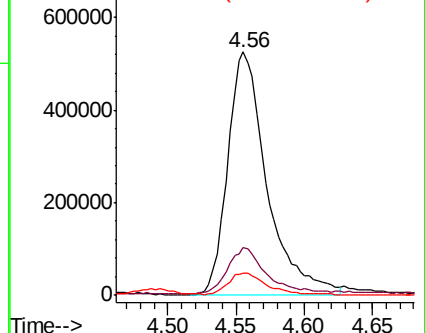
78 9.5 7.6 11.4



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: 9.781 ppbv

RT: 5.04 min Scan# 700

Delta R.T. 0.01 min

Lab File: VL038053.D

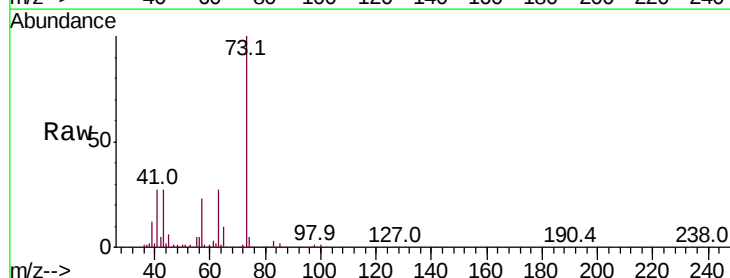
Acq: 18 Nov 2021 13:41

Tgt Ion: 73 Resp: 966467

Ion Ratio Lower Upper

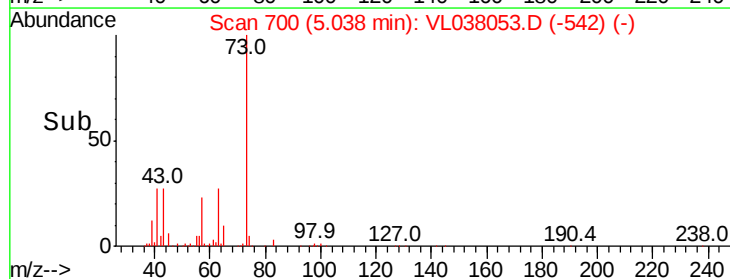
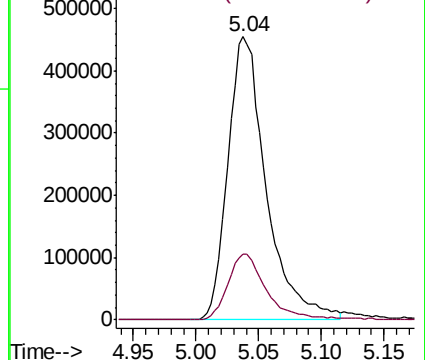
73 100

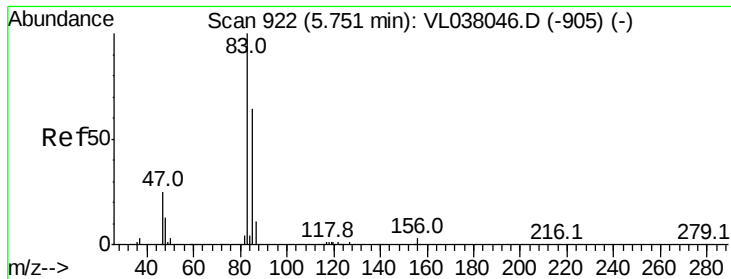
57 24.0 19.0 28.4



Abundance Ion 73.10 (72.80 to 73.80): VL0

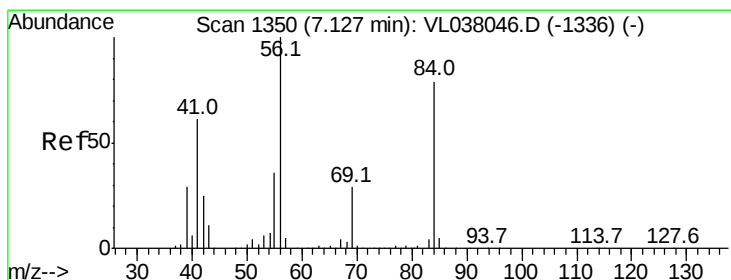
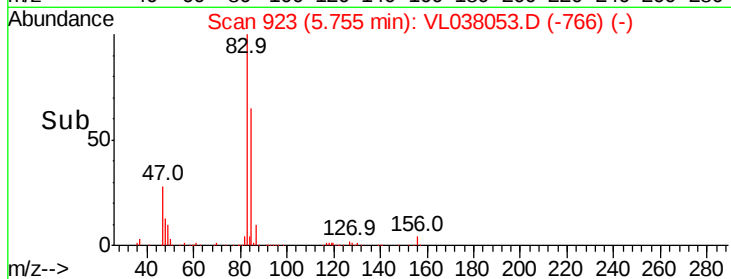
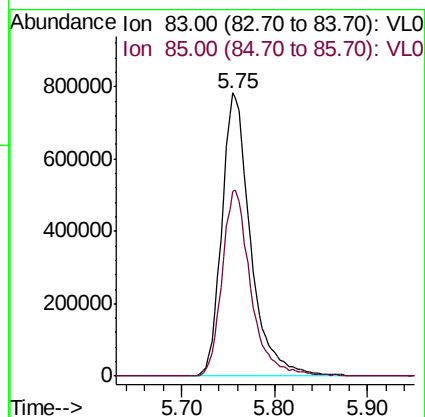
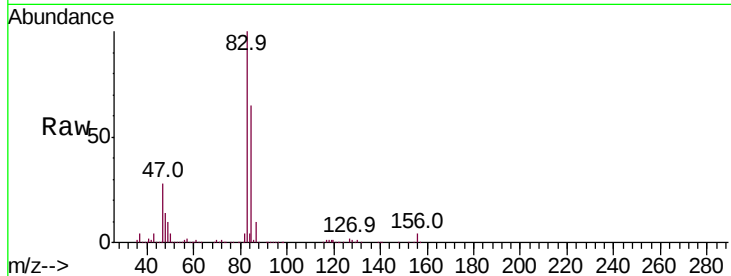
Ion 57.10 (56.80 to 57.80): VL0





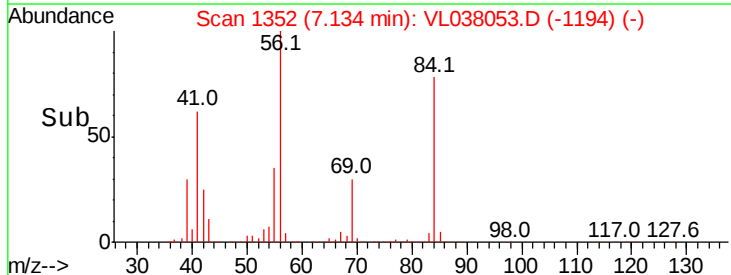
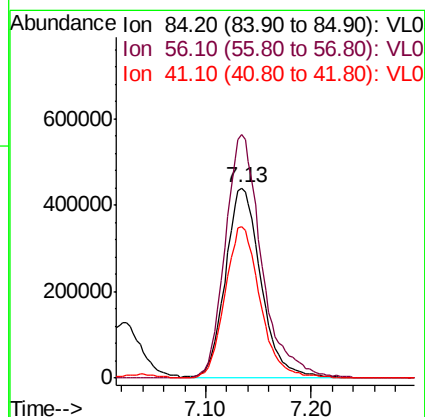
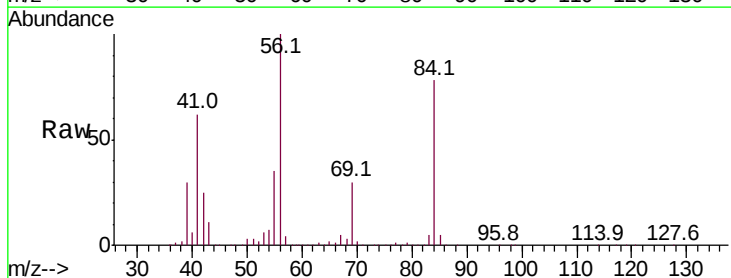
#29
Chloroform
Concen: 9.787 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Nov 2021 13:41

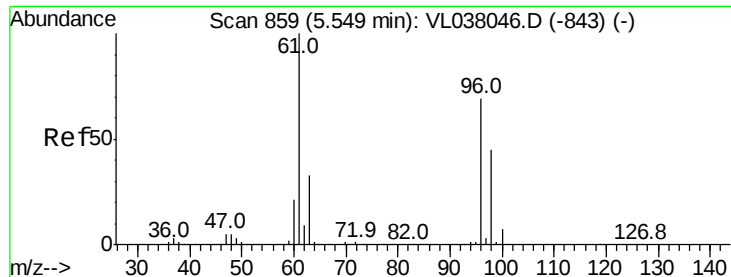
Tot Ion: 83 Resp: 1677796
Ion Ratio Lower Upper
83 100
85 65.0 51.0 76.6



#30
Cyclohexane
Concen: 9.611 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 84 Resp: 1014948
Ion Ratio Lower Upper
84 100
56 133.6 108.1 162.1
41 80.2 64.4 96.6





#31

cis-1,2-Dichloroethene

Concen: 9.944 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Nov 2021 13:41

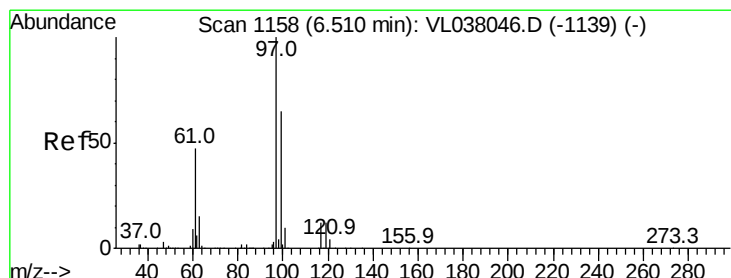
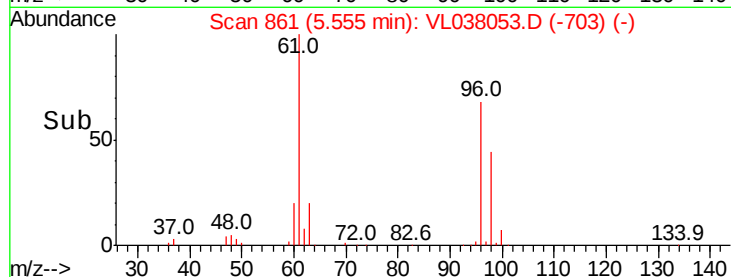
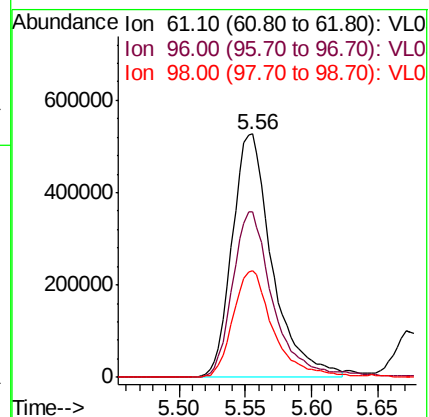
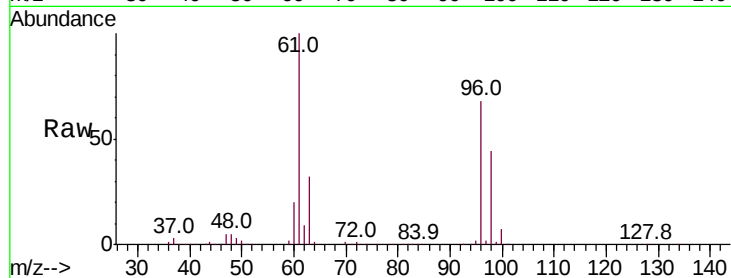
Tot Ion: 61 Resp: 1100325

Ion Ratio Lower Upper

61 100

96 67.8 55.4 83.2

98 44.0 35.7 53.5



#32

1,1,1-Trichloroethane

Concen: 9.856 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. 0.00 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

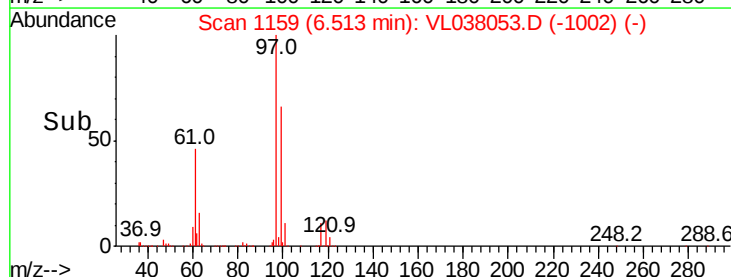
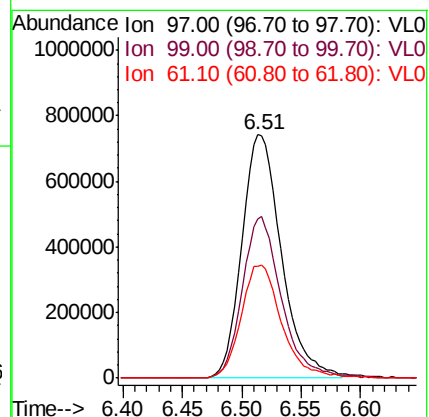
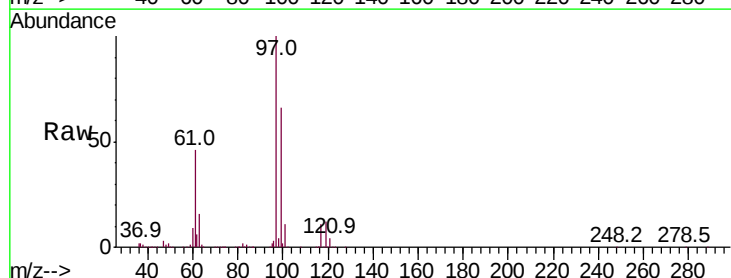
Tgt Ion: 97 Resp: 1714893

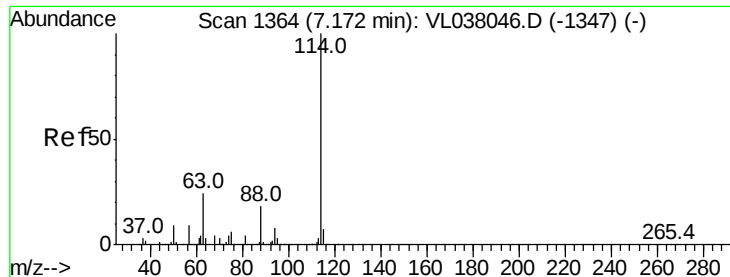
Ion Ratio Lower Upper

97 100

99 65.5 52.2 78.4

61 47.7 37.7 56.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Instrument: MSVOA_1

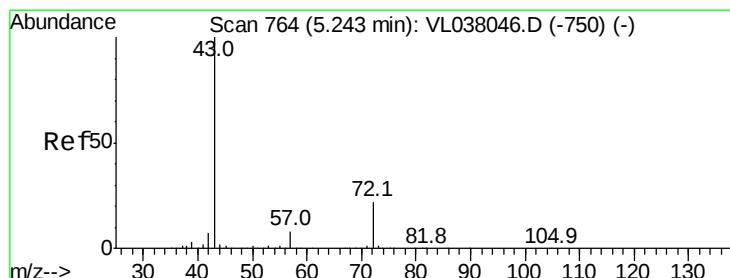
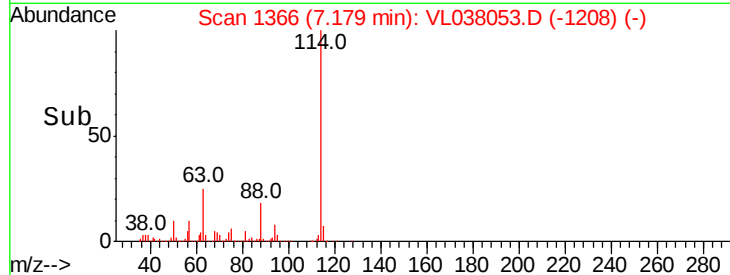
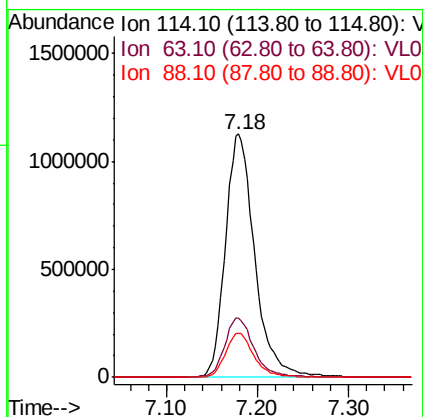
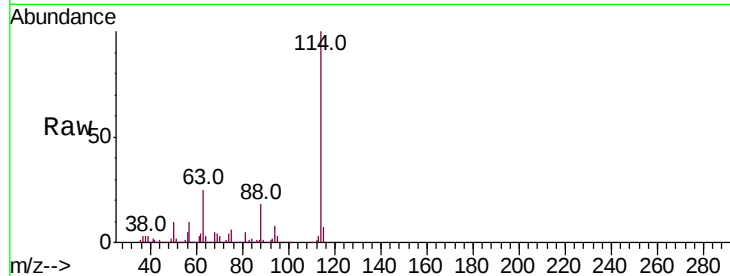
Delta R.T. ClientSampleId:

Lab File: ICVVL111821

Acq: 18 Nov 2021 13:41

Tot Ion:114 Resp: 2521083

Ion	Ratio	Lower	Upper
114	100		
63	24.9	19.7	29.5
88	17.8	14.4	21.6



#34

2-Butanone

Concen: 10.361 ppbv

RT: 5.25 min Scan# 766

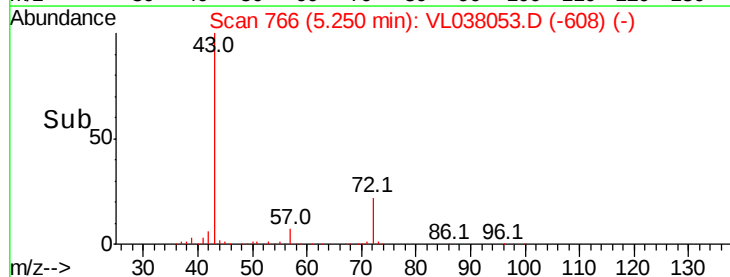
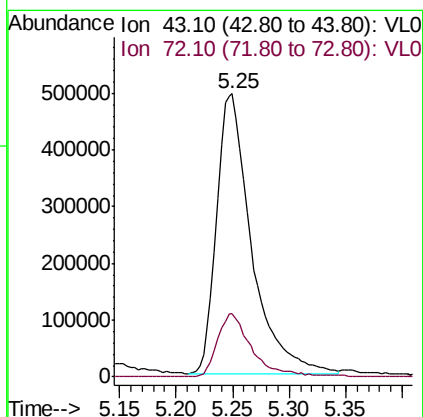
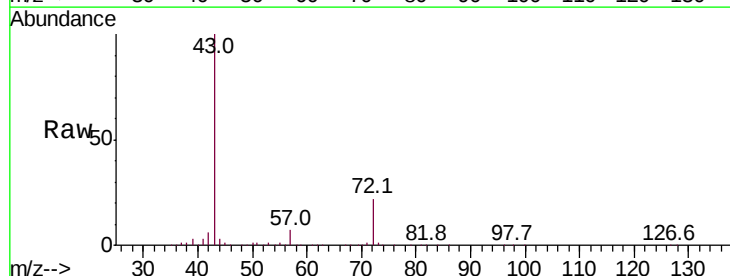
Delta R.T. 0.01 min

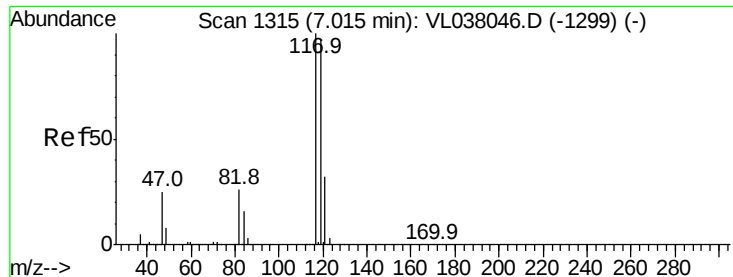
Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

Tgt Ion: 43 Resp: 1053270

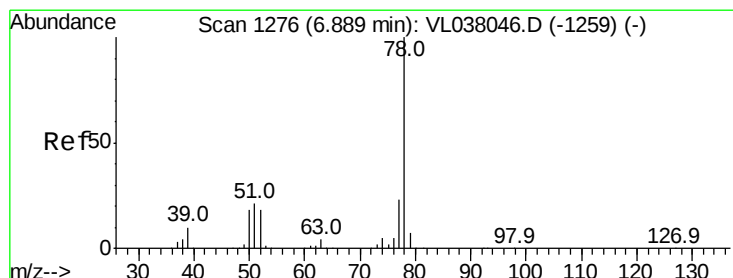
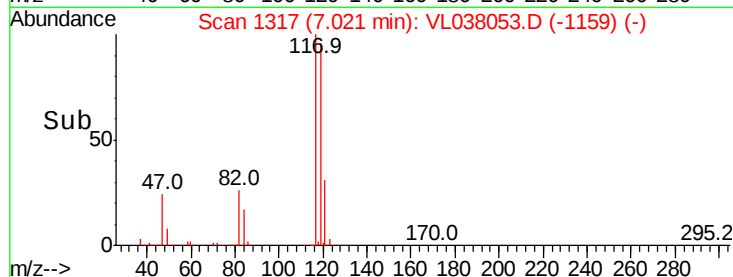
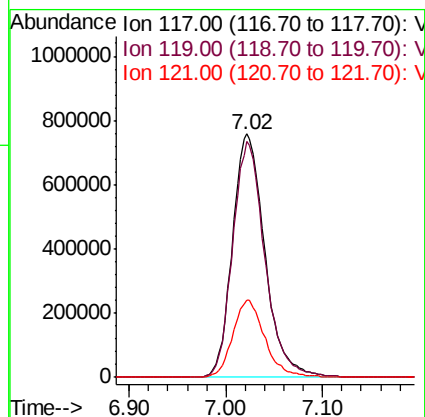
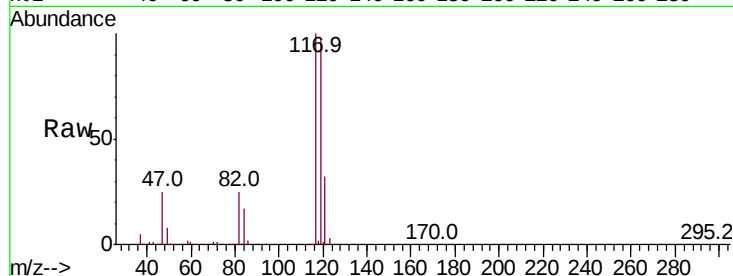
Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.8	28.2





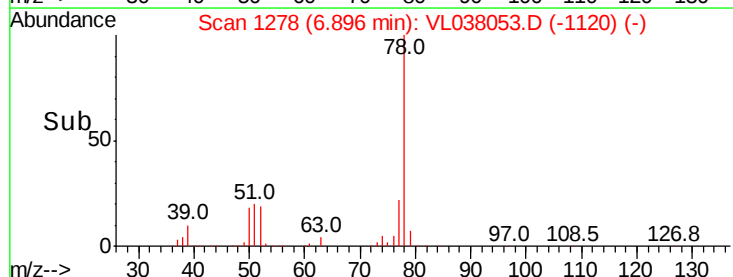
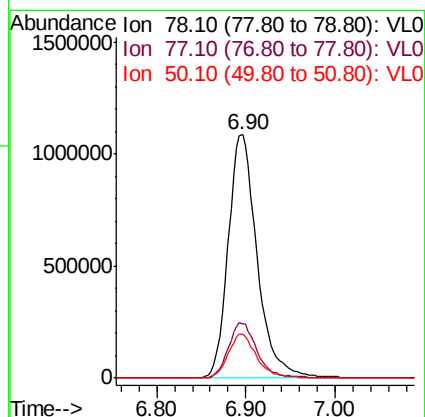
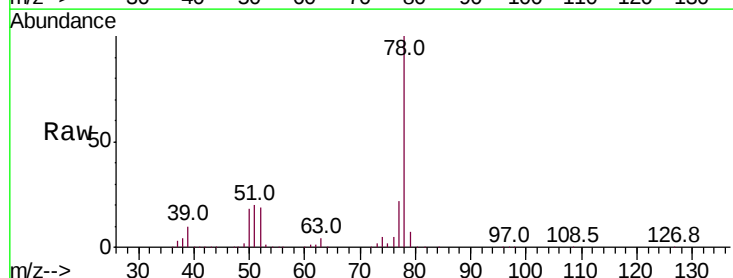
#35
Carbon Tetrachloride
Concen: 9.963 ppbv
RT: 7.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 13:41

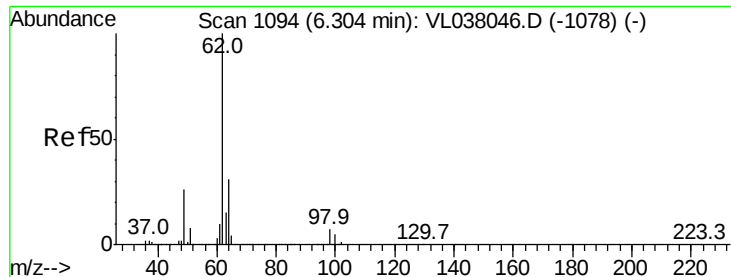
Tot Ion:117 Resp: 1764759
Ion Ratio Lower Upper
117 100
119 96.9 77.7 116.5
121 31.5 25.6 38.4



#36
Benzene
Concen: 9.713 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

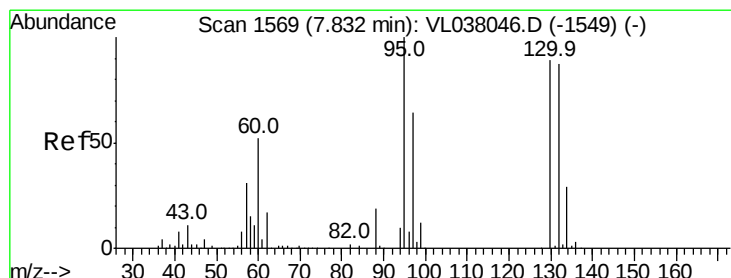
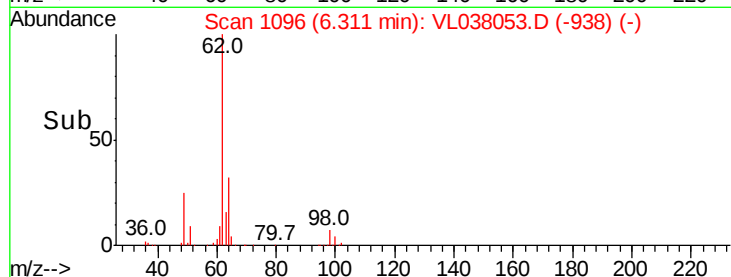
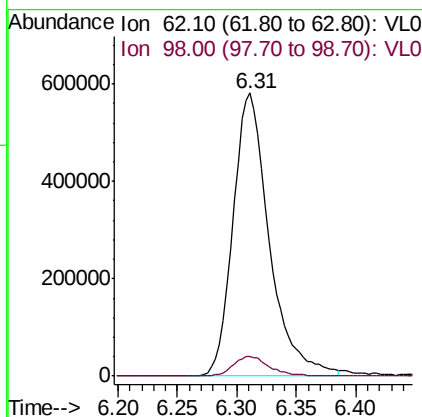
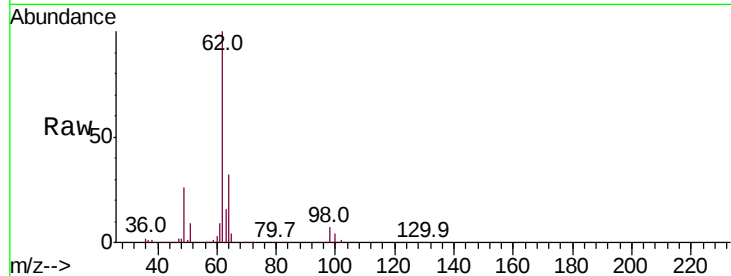
Tgt Ion: 78 Resp: 2442669
Ion Ratio Lower Upper
78 100
77 22.1 18.2 27.4
50 17.8 14.7 22.1





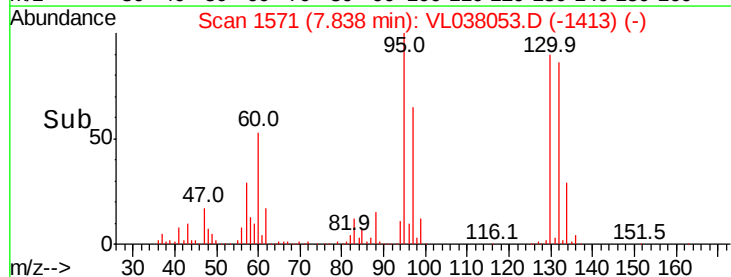
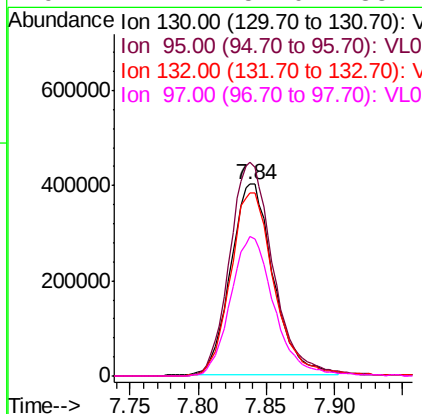
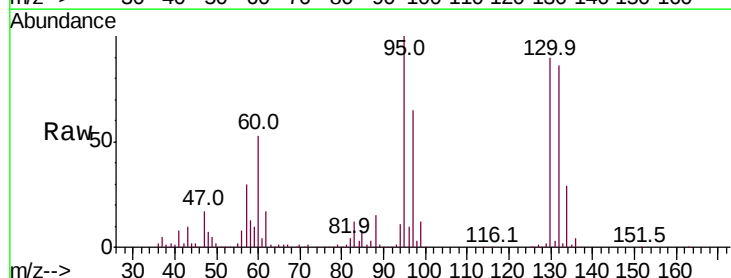
#37
 1,2-Dichloroethane
 Concen: 10.097 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Nov 2021 13:41

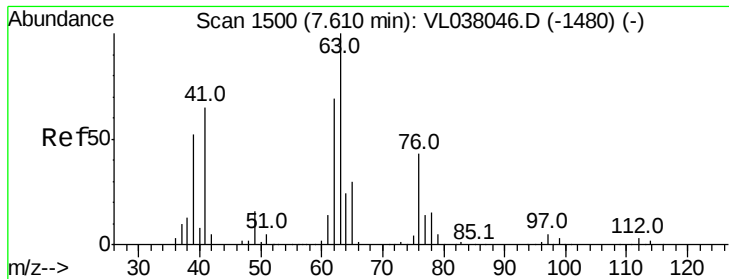
Tot Ion: 62 Resp: 1226393
 Ion Ratio Lower Upper
 62 100
 98 7.3 5.8 8.6



#38
 Trichloroethene
 Concen: 9.248 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

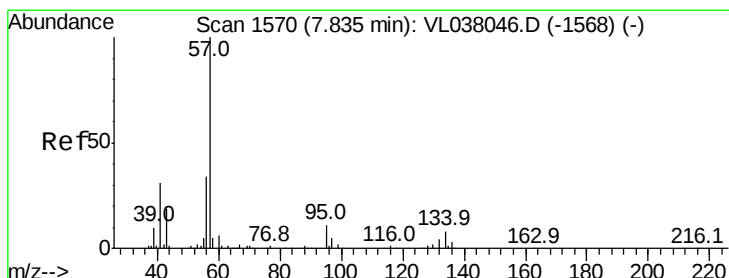
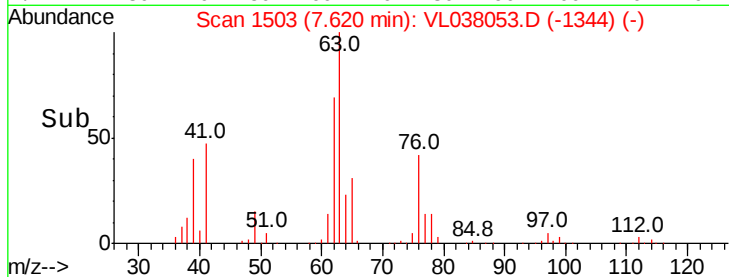
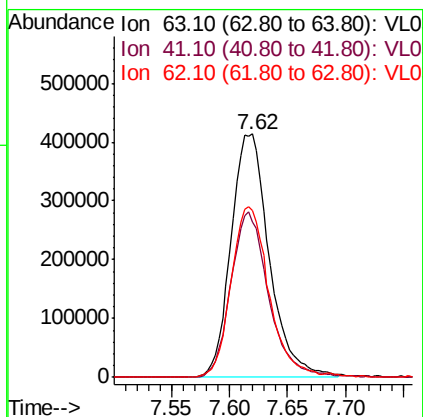
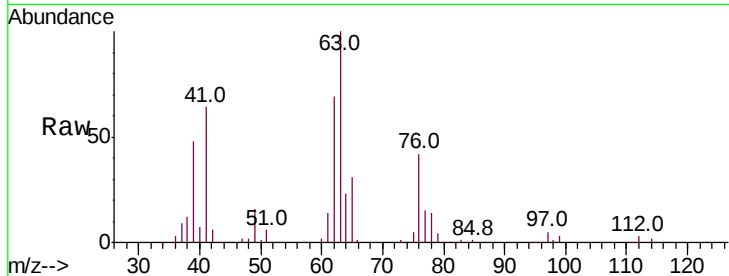
Tgt Ion:130 Resp: 877270
 Ion Ratio Lower Upper
 130 100
 95 111.9 89.4 134.2
 132 95.8 78.2 117.2
 97 72.7 57.0 85.4





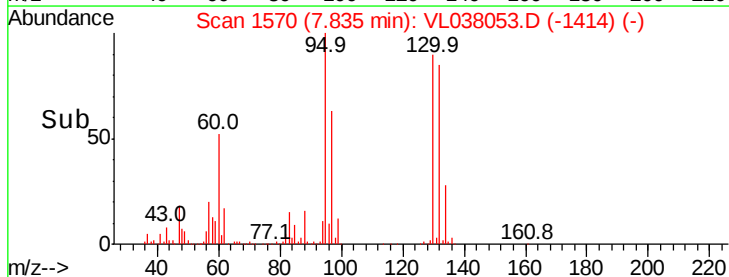
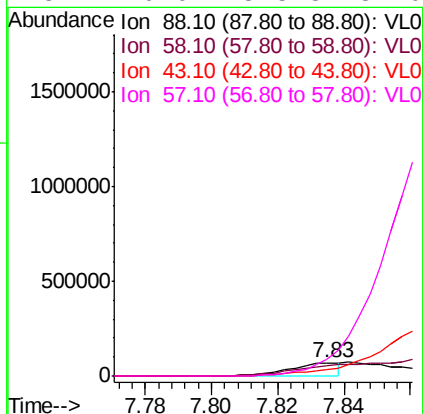
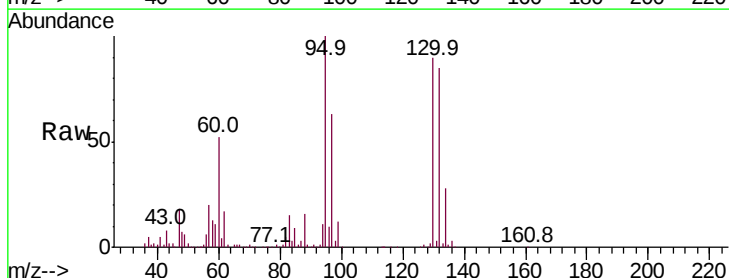
#39
 1,2-Dichloropropane
 Concen: 9.797 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Nov 2021 13:41

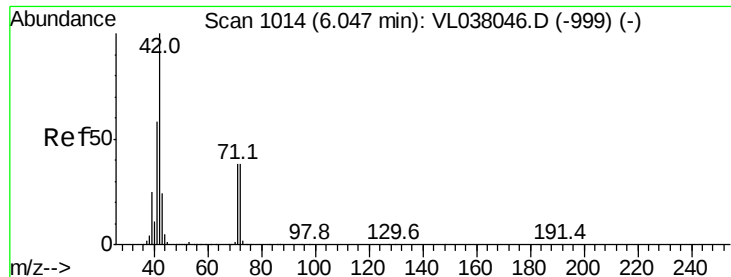
Tot Ion	Ratio	Lower	Upper
63	100		
41	63.7	52.3	78.5
62	68.7	55.1	82.7



#40
 1,4-Dioxane
 Concen: 2.926 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	229.2	343.8#
43	0.0	553.3	829.9#
57	0.0	2513.8	3770.8#





#41

Tetrahydrofuran

Concen: 9.739 ppbv

RT: 6.05 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: ICVVL111821

Acq: 18 Nov 2021 13:41

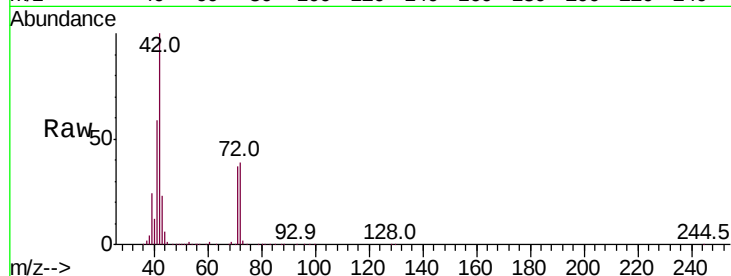
Tot Ion: 42 Resp: 614586

Ion Ratio Lower Upper

42 100

72 39.6 31.7 47.5

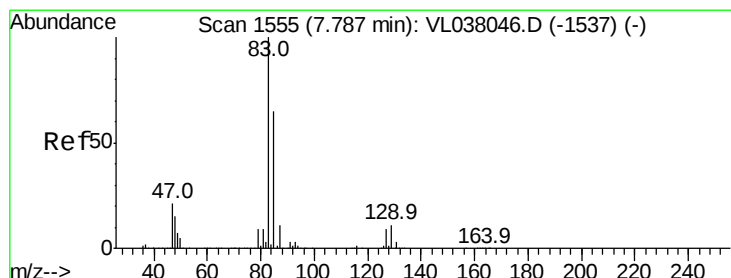
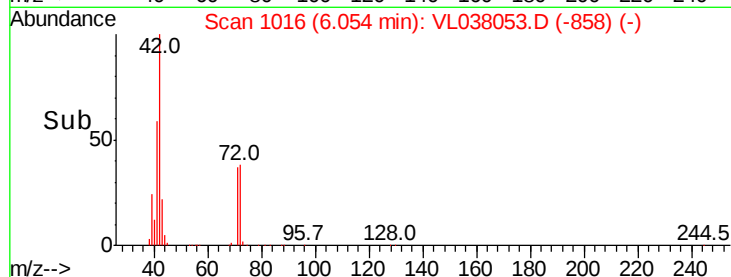
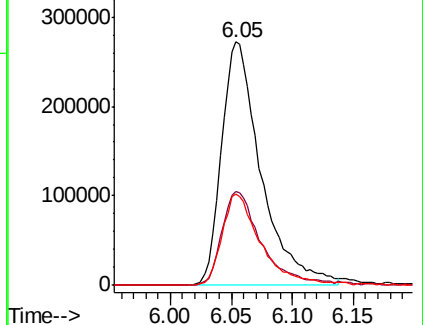
71 37.3 30.6 46.0



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 10.004 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

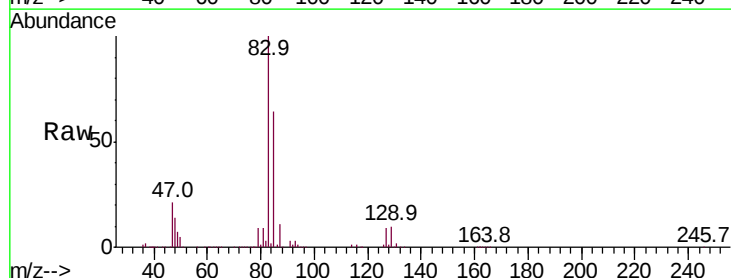
Tgt Ion: 83 Resp: 1847198

Ion Ratio Lower Upper

83 100

85 64.0 51.9 77.9

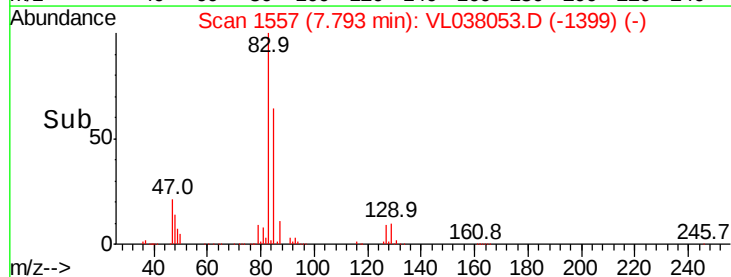
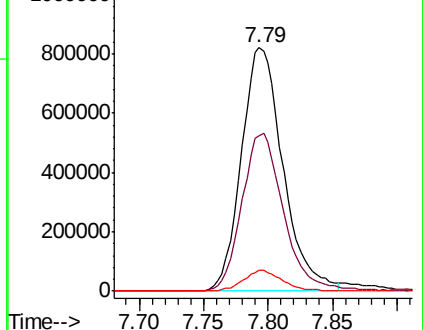
127 8.7 6.8 10.2

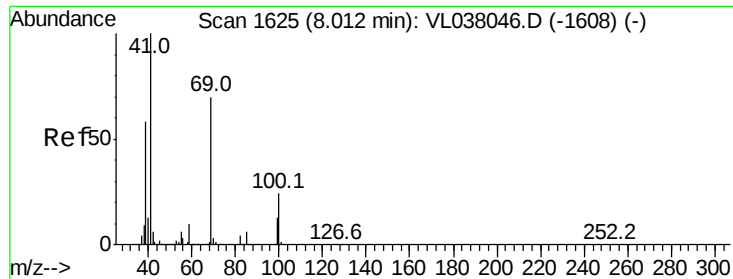


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

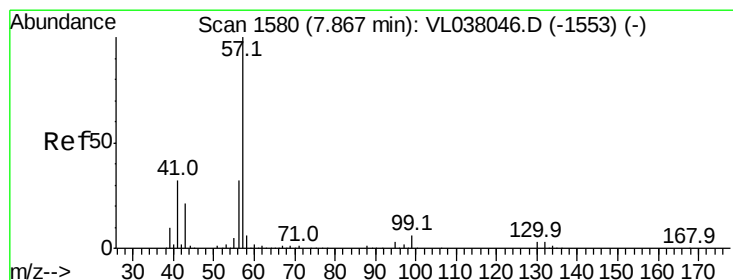
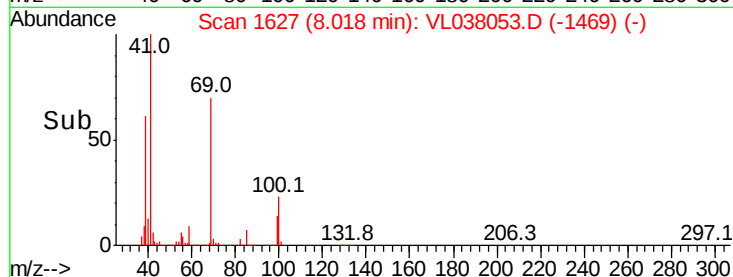
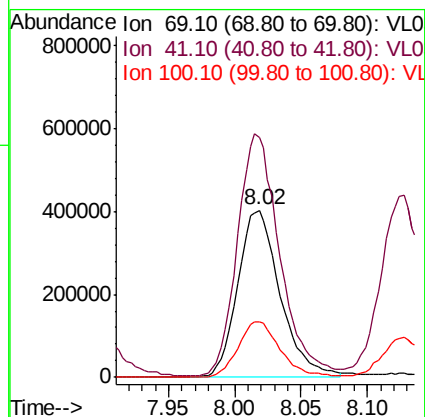
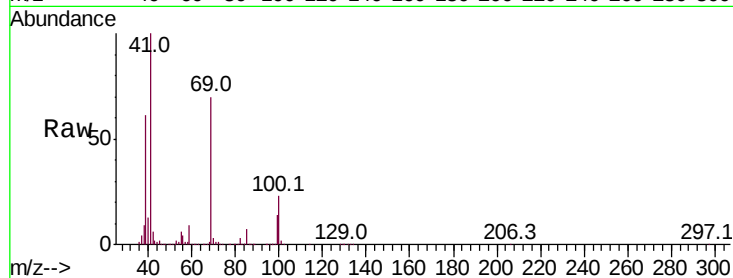
Ion 126.90 (126.60 to 127.60): V





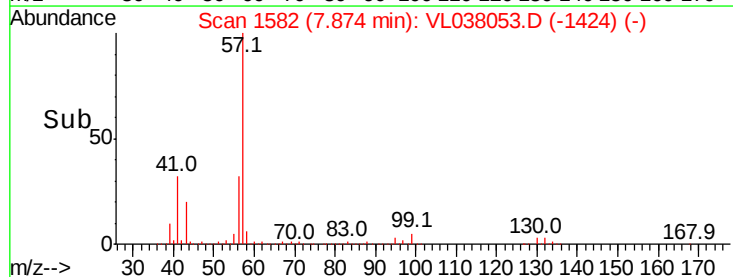
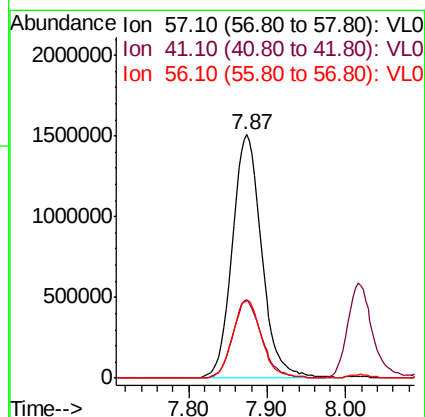
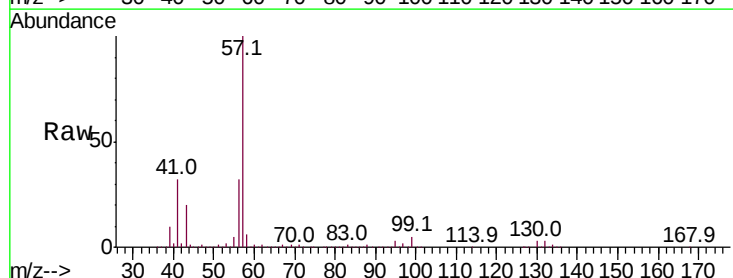
#43
Methvl Methacrylate
Concen: 10.462 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 13:41

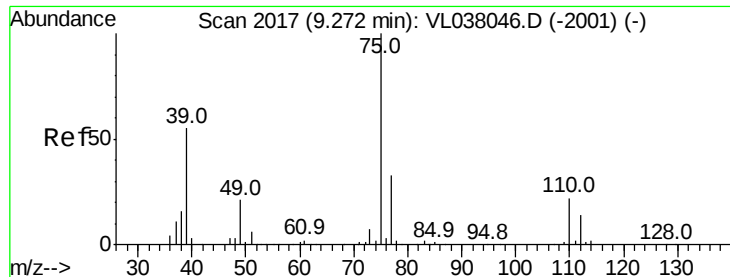
Tot Ion: 69 Resp: 900113
Ion Ratio Lower Upper
69 100
41 145.7 116.7 175.1
100 33.1 27.3 40.9



#44
2,2,4-Trimethylpentane
Concen: 9.311 ppbv
RT: 7.87 min Scan# 1582
Delta R.T.: 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 57 Resp: 3917730
Ion Ratio Lower Upper
57 100
41 31.6 25.8 38.6
56 31.6 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 11.492 ppbv

RT: 9.28 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

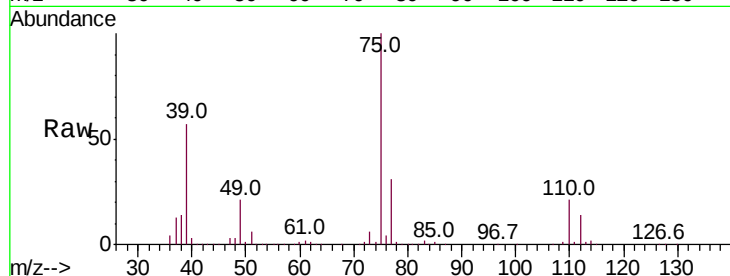
Acq: 18 Nov 2021 13:41

Tot Ion: 75 Resp: 793070

Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.4



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

9.28

400000

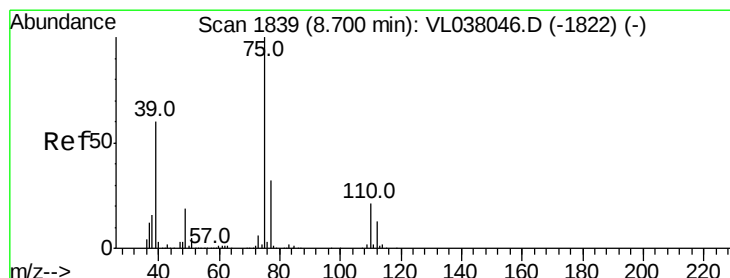
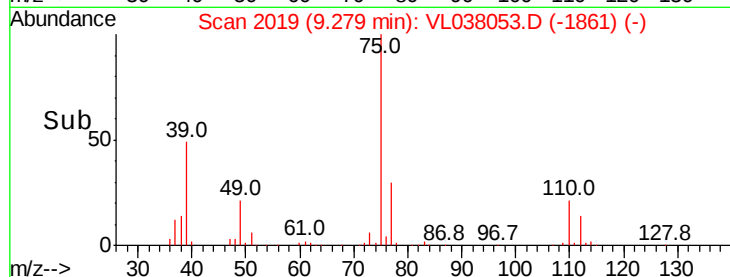
300000

200000

100000

0

Time-->



#46

cis-1,3-Dichloropropene

Concen: 10.588 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

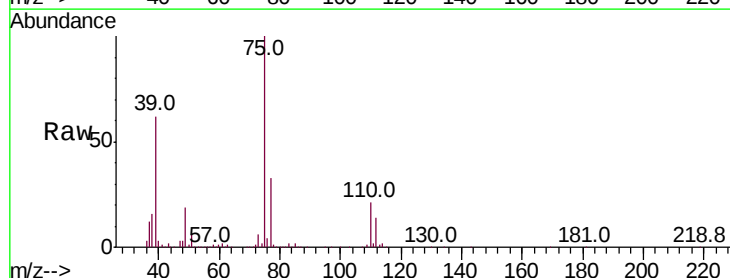
Tgt Ion: 75 Resp: 988356

Ion Ratio Lower Upper

75 100

39 62.3 47.8 71.8

77 33.1 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

600000

500000

400000

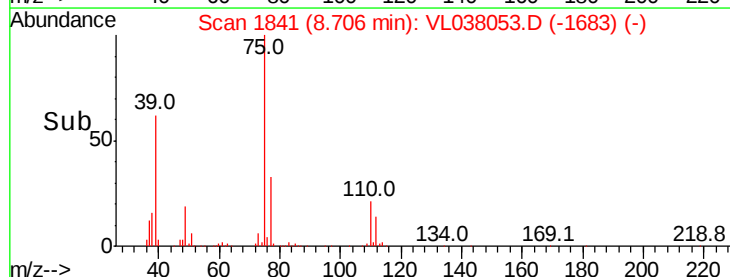
300000

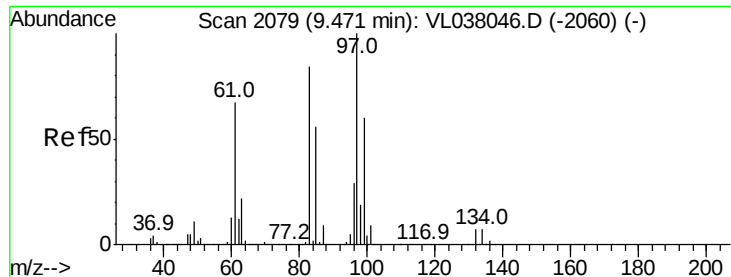
200000

100000

0

Time-->





#47

1,1,2-Trichloroethane

Concen: 9.616 ppbv

RT: 9.48 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Nov 2021 13:41

Tot Ion: 97 Resp: 971515

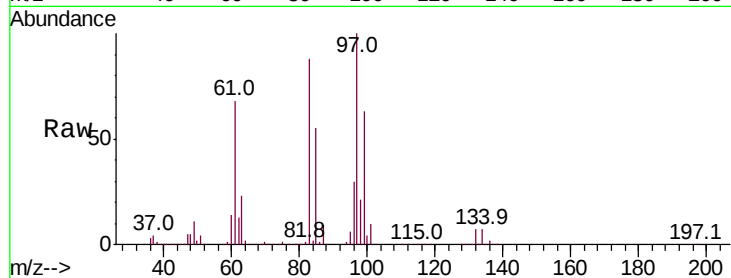
Ion Ratio Lower Upper

97 100

83 88.3 66.8 100.2

85 55.4 44.9 67.3

99 62.8 48.0 72.0

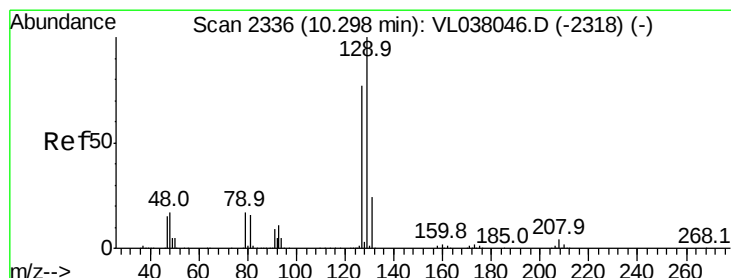
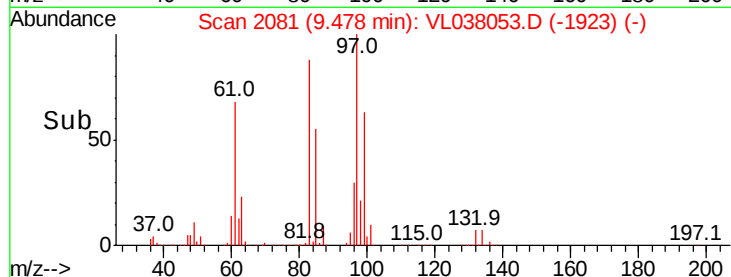
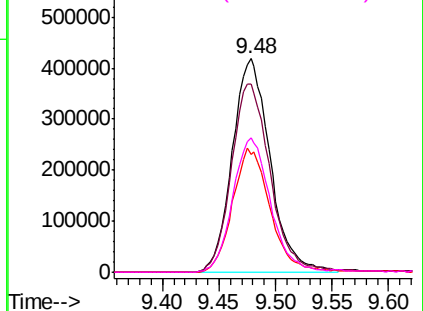


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 10.438 ppbv

RT: 10.30 min Scan# 2338

Delta R.T. 0.01 min

Lab File: VL038053.D

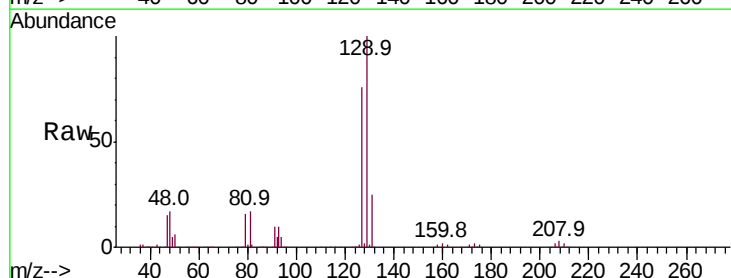
Acq: 18 Nov 2021 13:41

Tgt Ion:129 Resp: 1606084

Ion Ratio Lower Upper

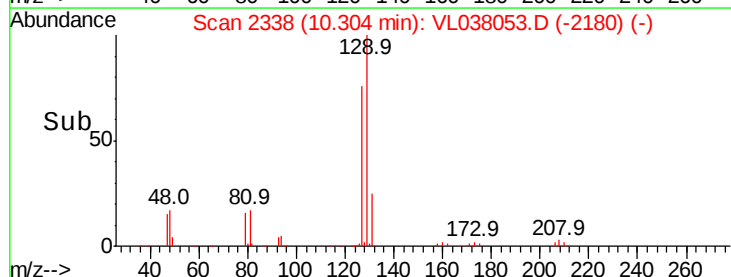
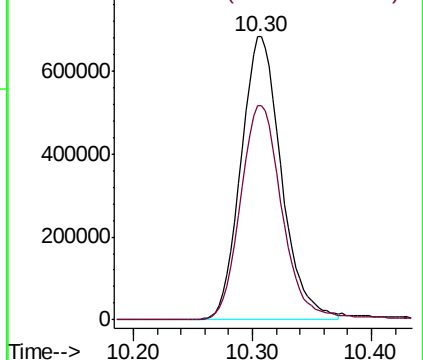
129 100

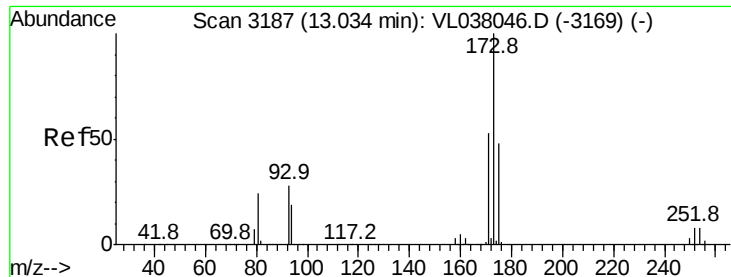
127 80.1 39.4 118.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.541 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

ICVVL111821

Acq: 18 Nov 2021 13:41

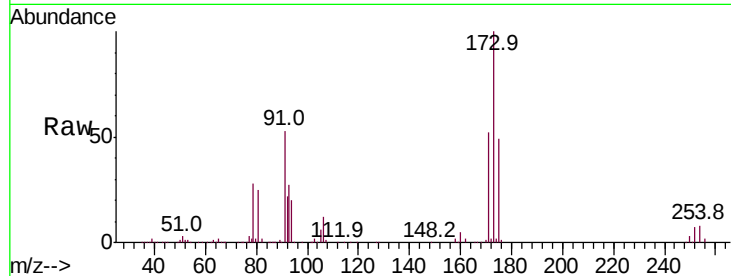
Tot Ion:173 Resp: 1160252

Ion Ratio Lower Upper

173 100

175 54.0 42.5 63.7

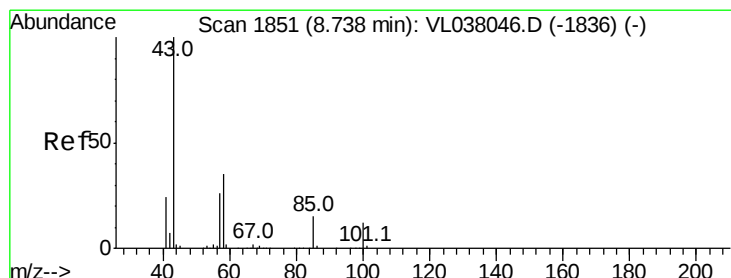
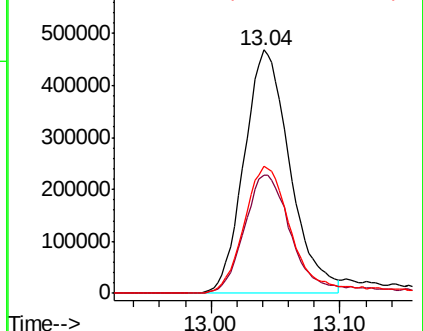
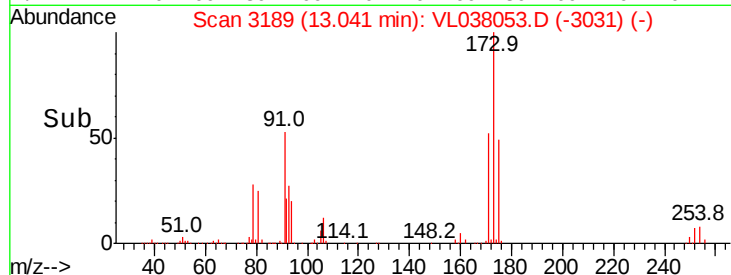
171 57.6 44.0 66.0



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



#50

4-Methyl-2-Pentanone

Concen: 10.174 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.01 min

Lab File: VL038053.D

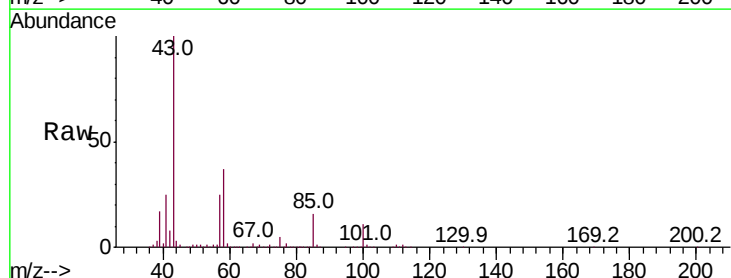
Acq: 18 Nov 2021 13:41

Tgt Ion: 43 Resp: 1570711

Ion Ratio Lower Upper

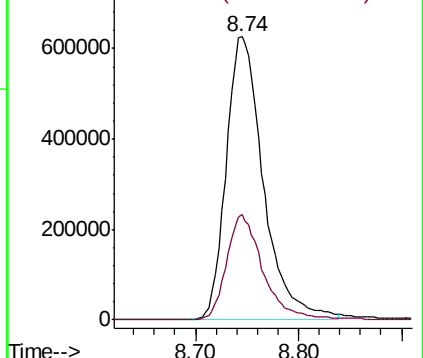
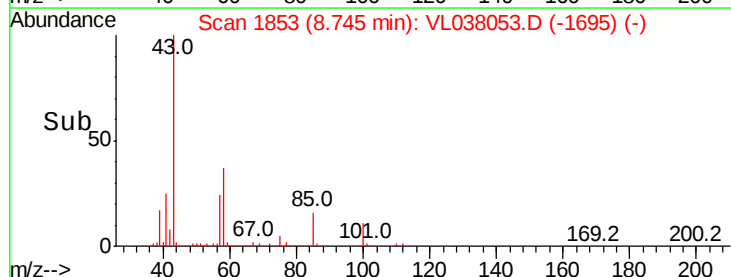
43 100

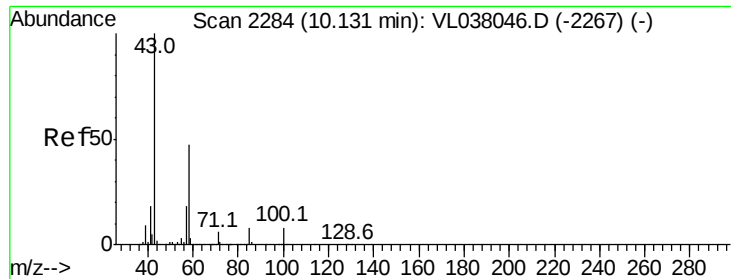
58 36.9 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

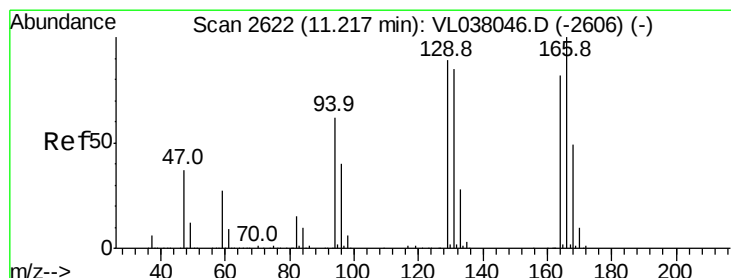
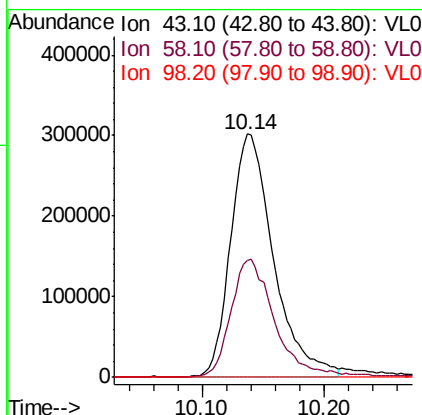
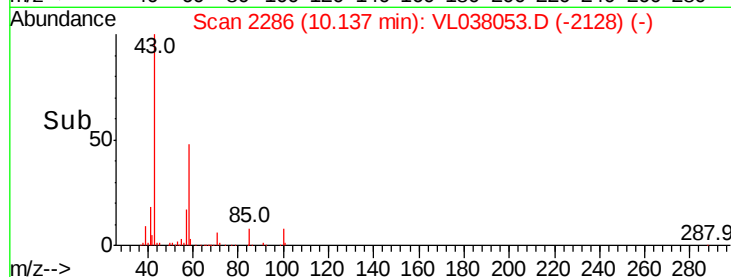
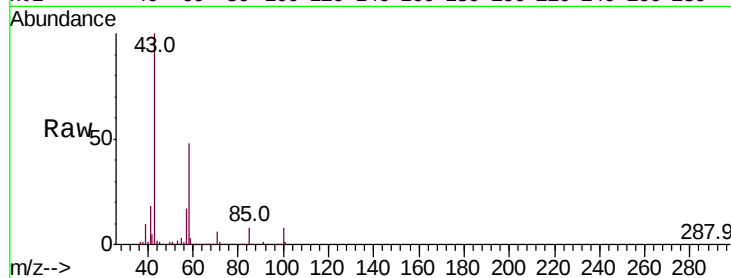
Ion 58.10 (57.80 to 58.80): VL0





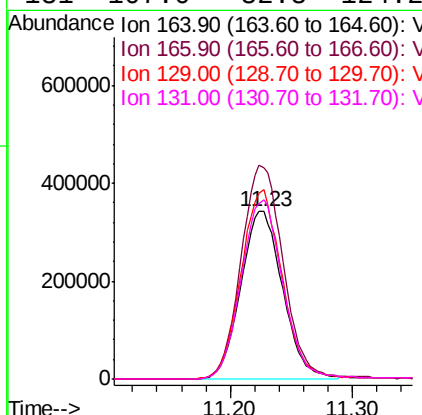
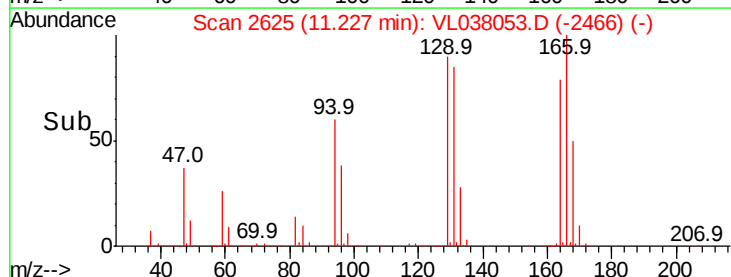
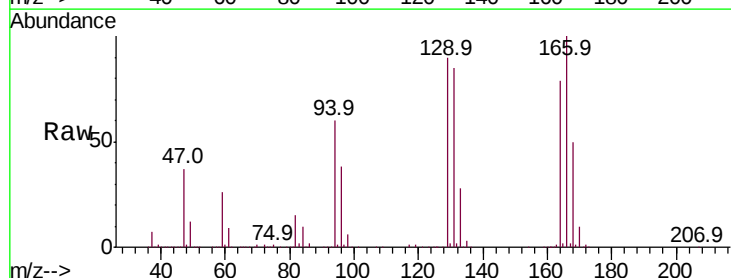
#51
2-Hexanone
Concen: 10.120 ppbv
RT: 10.14
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 18 Nov 2021 13:41

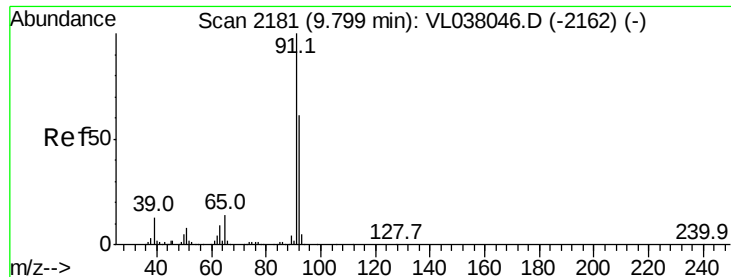
Tot Ion: 43 Resp: 735020
Ion Ratio Lower Upper
43 100
58 51.0 41.1 61.7
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.696 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion:164 Resp: 809166
Ion Ratio Lower Upper
164 100
166 126.1 97.2 145.8
129 113.5 86.9 130.3
131 107.0 82.8 124.2





#53

Toluene

Concen: 9.635 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

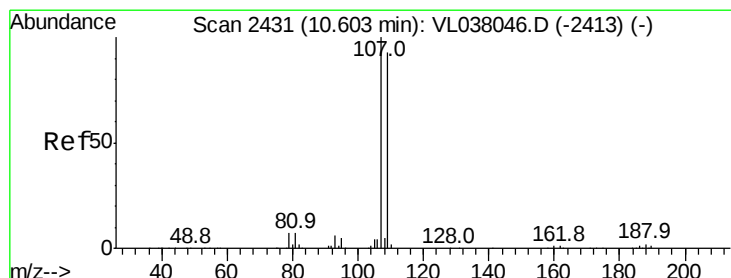
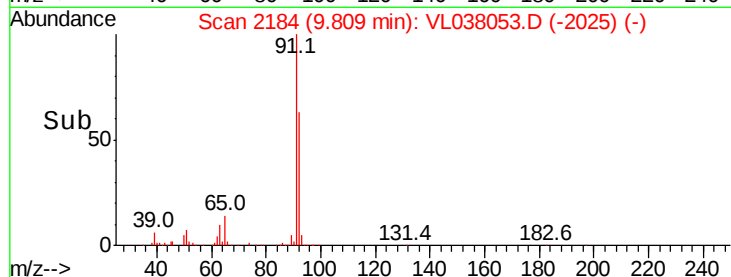
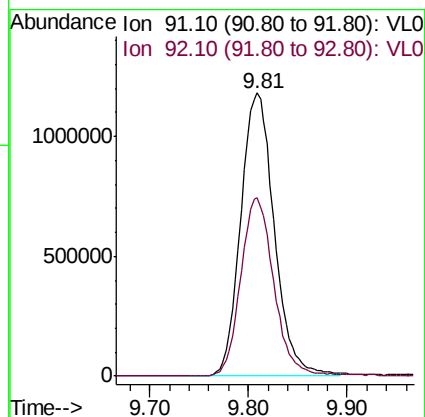
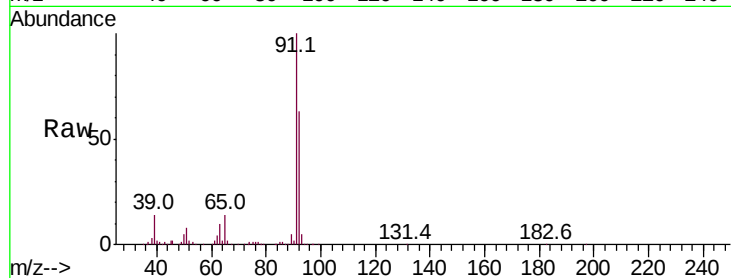
Acq: 18 Nov 2021 13:41

Tot Ion: 91 Resp: 2787789

Ion Ratio Lower Upper

91 100

92 62.8 49.7 74.5



#54

1,2-Dibromoethane

Concen: 9.906 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.01 min

Lab File: VL038053.D

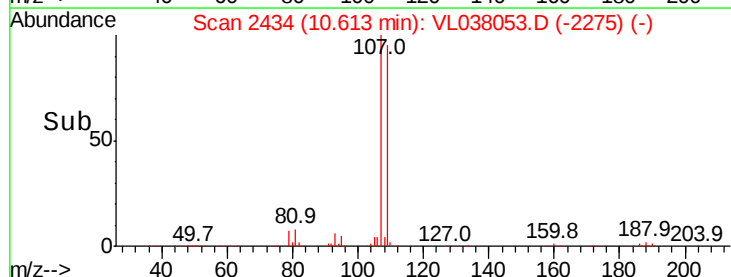
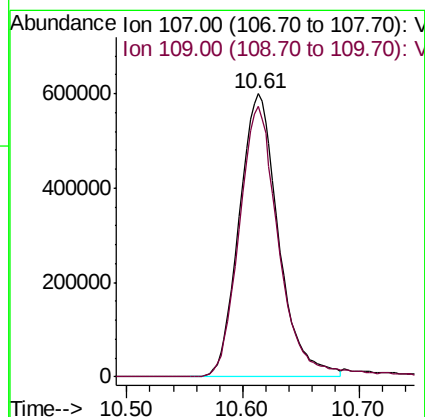
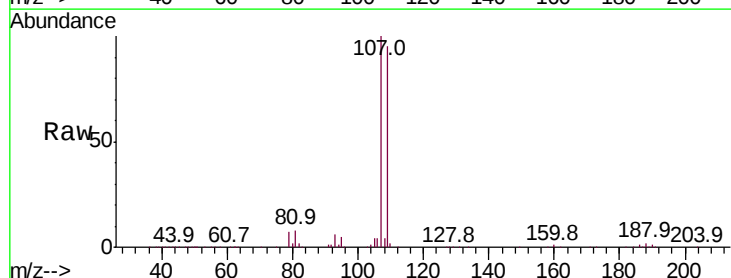
Acq: 18 Nov 2021 13:41

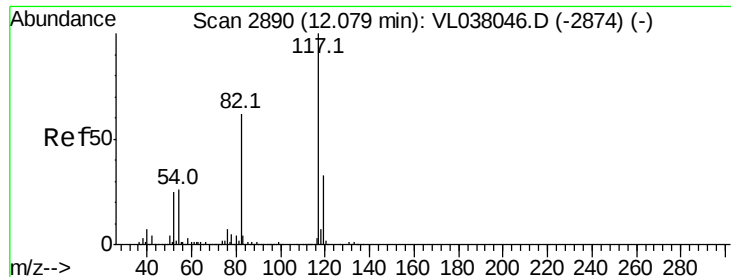
Tgt Ion: 107 Resp: 1413733

Ion Ratio Lower Upper

107 100

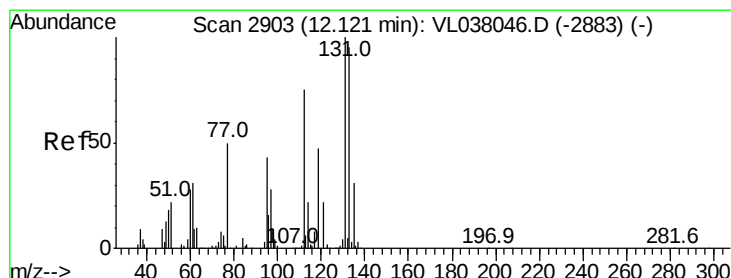
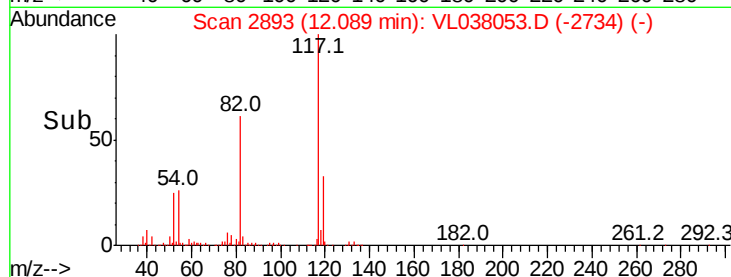
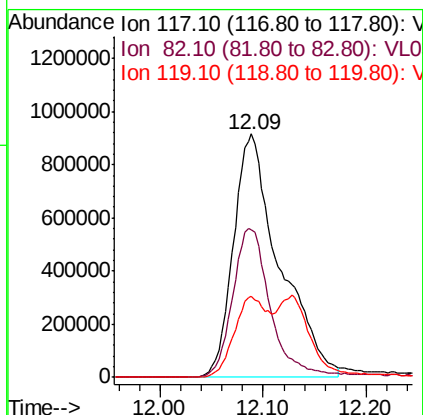
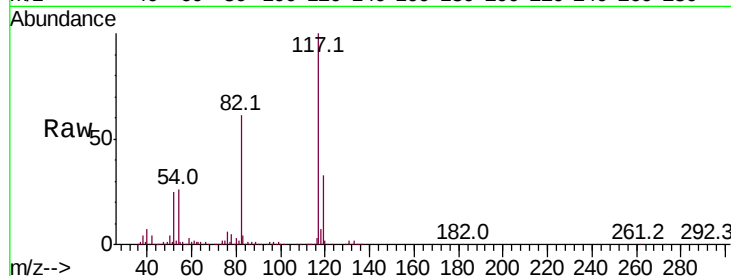
109 95.5 74.6 111.8





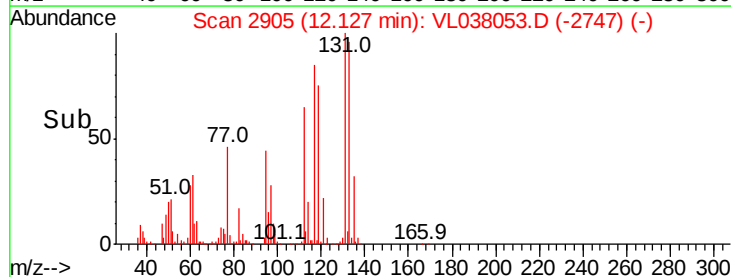
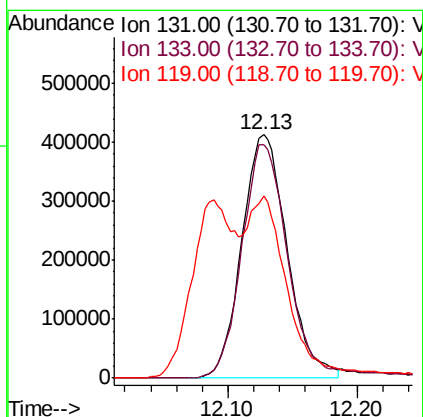
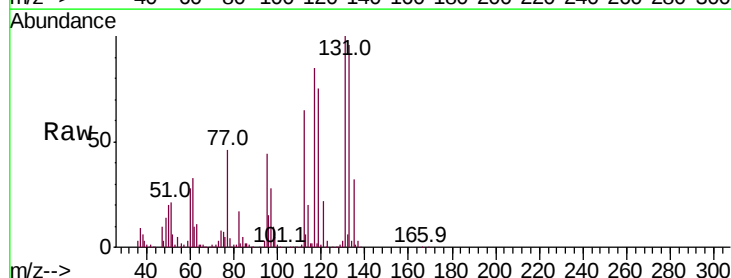
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampled : ICVVL111821
Acq: 18 Nov 2021 13:41

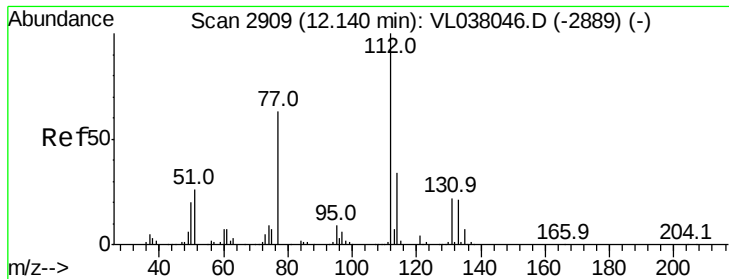
Tot Ion:117 Resp: 2851160
Ion Ratio Lower Upper
117 100
82 52.2 52.8 79.2#
119 25.8 26.8 40.2#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.782 ppbv
RT: 12.13 min Scan# 2905
Delta R.T.: 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

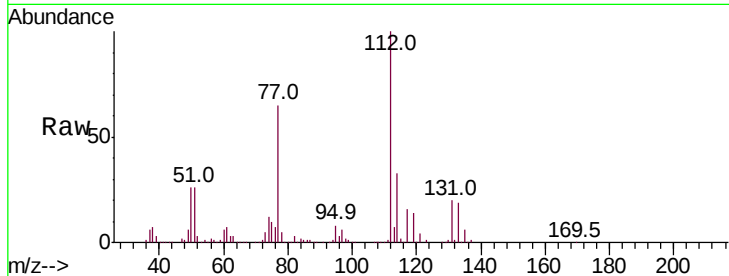
Tgt Ion:131 Resp: 1007286
Ion Ratio Lower Upper
131 100
133 101.5 78.8 118.2
119 65.0 56.3 84.5



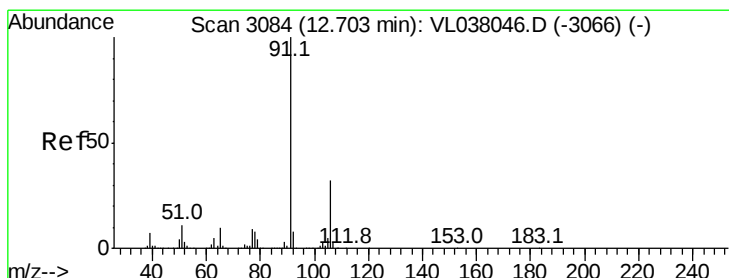
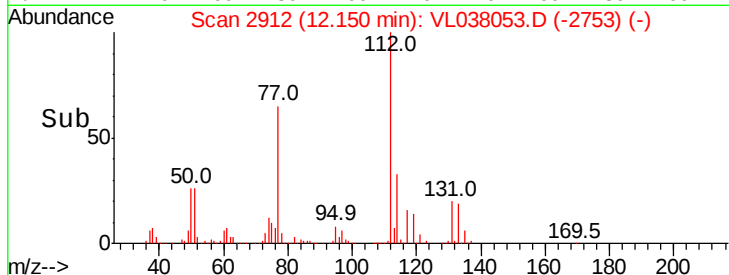
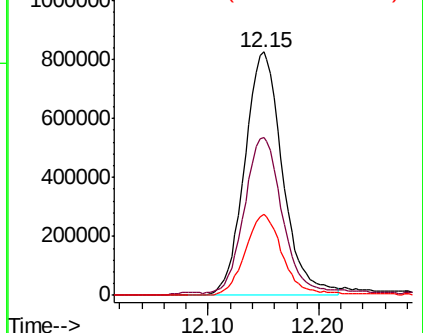


#57
Chlorobenzene
Concen: 7.725 ppbv
RT: 12.15 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Nov 2021 13:41

Tot Ion: 112 Resp: 1974093
Ion Ratio Lower Upper
112 100
77 63.9 50.3 75.5
114 33.4 30.7 37.5

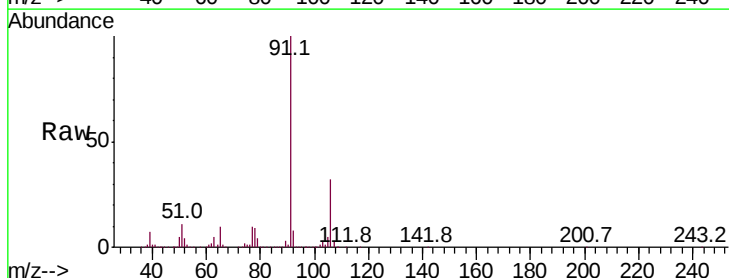


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

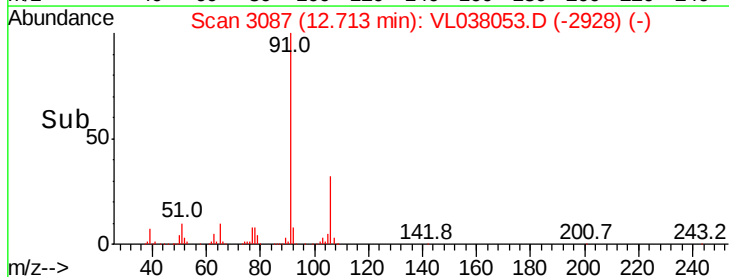
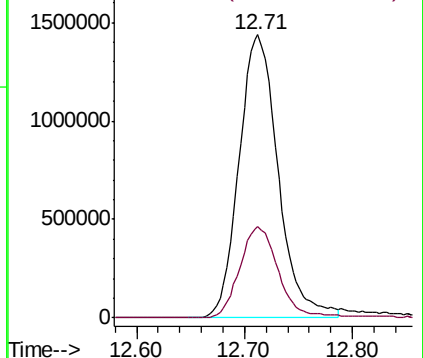


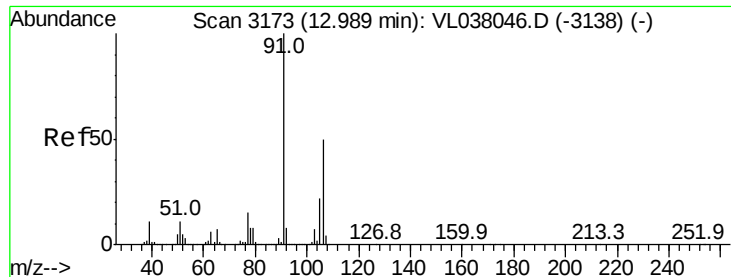
#58
Ethyl Benzene
Concen: 7.670 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 91 Resp: 3614641
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.6



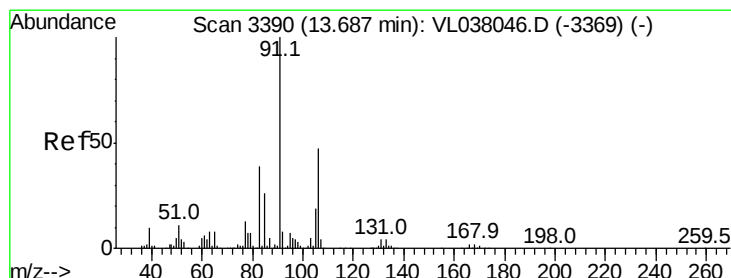
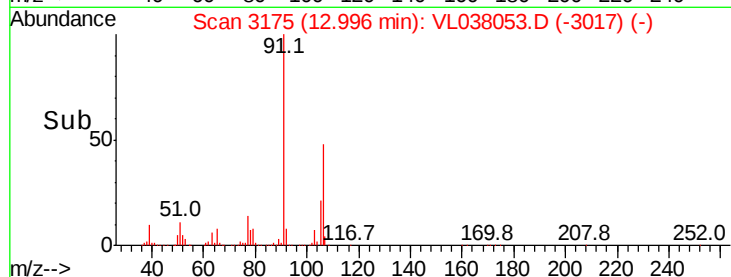
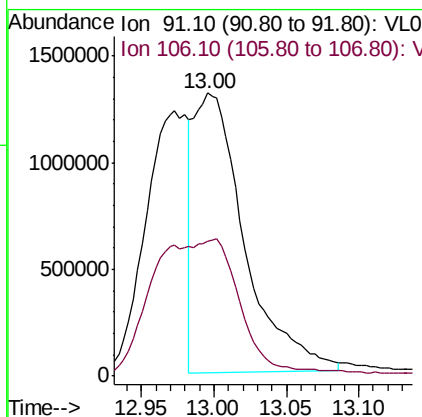
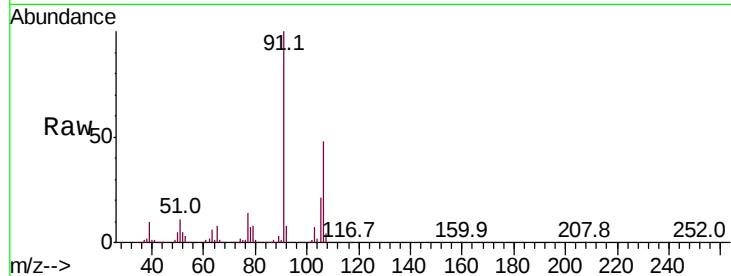
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





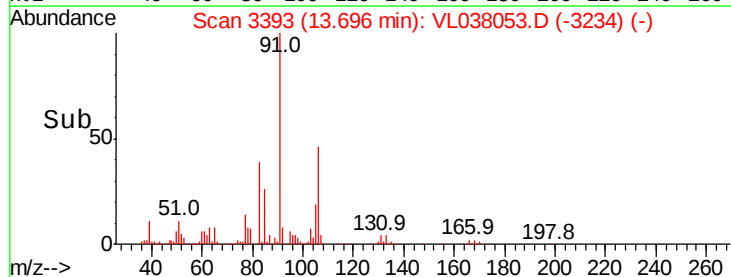
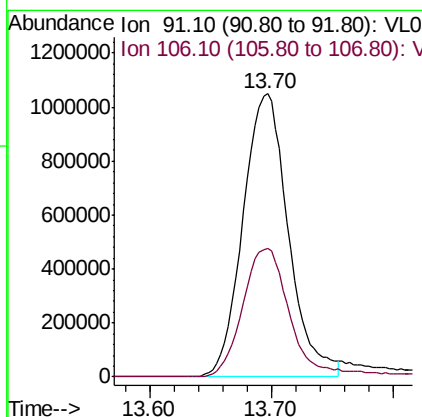
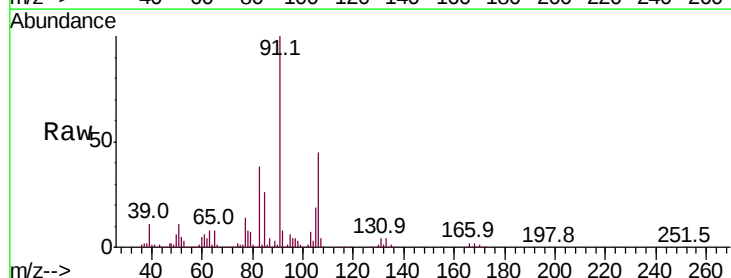
#59
m/p-Xylene
Concen: 8.013 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Nov 2021 13:41

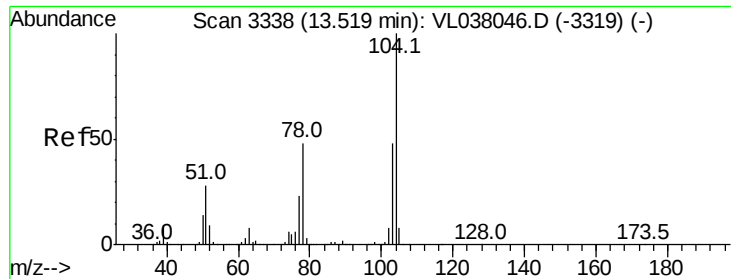
Tot Ion: 91 Resp: 3178879
Ion Ratio Lower Upper
91 100
106 88.2 38.1 57.1#



#60
o-Xylene
Concen: 7.310 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 91 Resp: 2690212
Ion Ratio Lower Upper
91 100
106 49.5 24.2 72.6





#61

Stvrene

Concen: 8.022 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 13:41

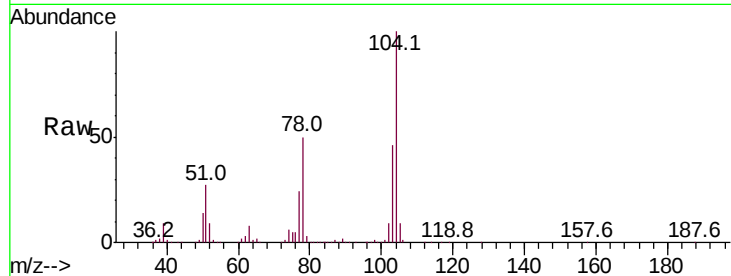
Tot Ion:104 Resp: 1582782

Ion Ratio Lower Upper

104 100

78 51.7 39.8 59.6

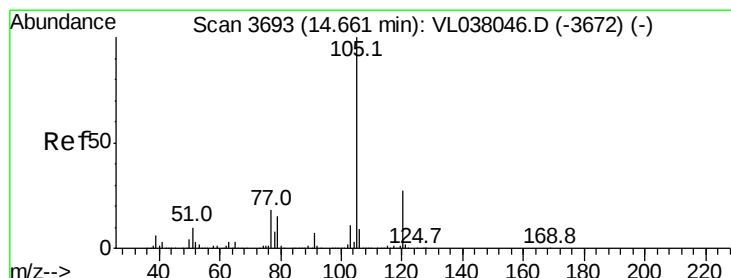
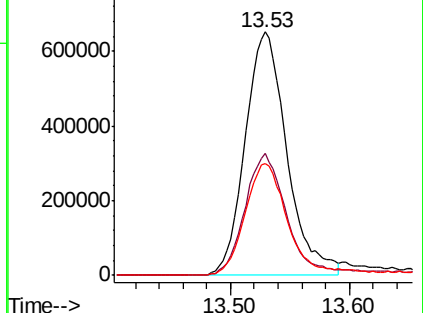
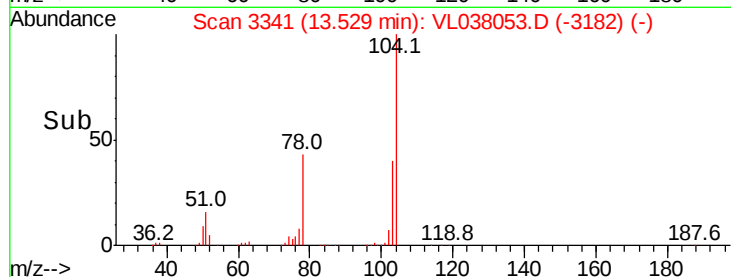
103 48.5 38.2 57.2



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: 7.462 ppbv

RT: 14.67 min Scan# 3696

Delta R.T. 0.01 min

Lab File: VL038053.D

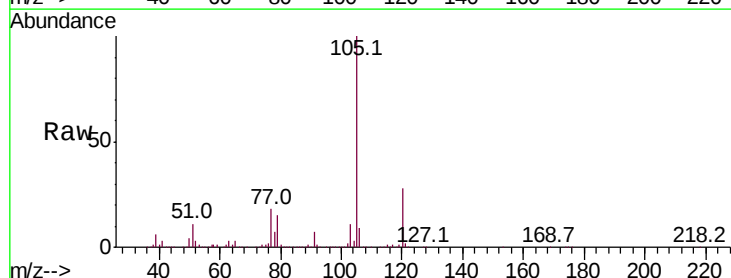
Acq: 18 Nov 2021 13:41

Tgt Ion:105 Resp: 3897983

Ion Ratio Lower Upper

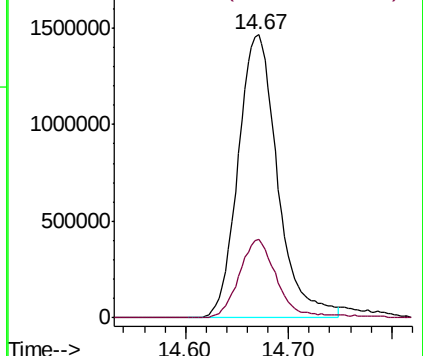
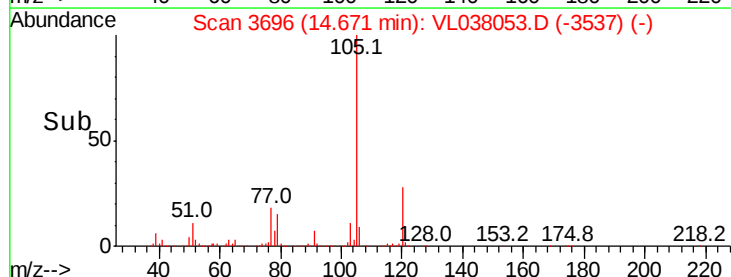
105 100

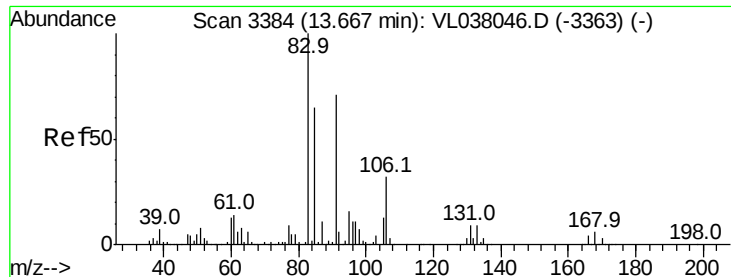
120 27.3 21.8 32.6



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: 7.150 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

ICVVL111821

Acq: 18 Nov 2021 13:41

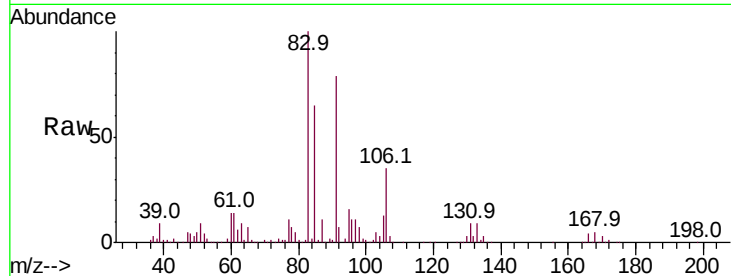
Tot Ion: 83 Resp: 1954452

Ion Ratio Lower Upper

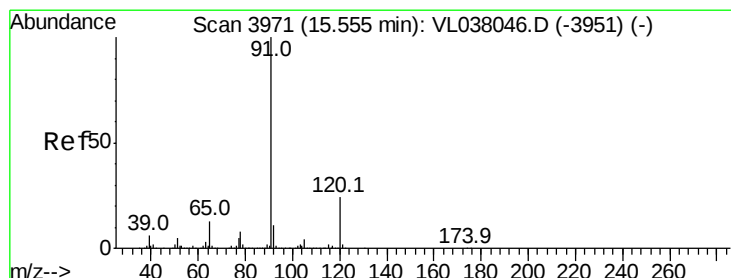
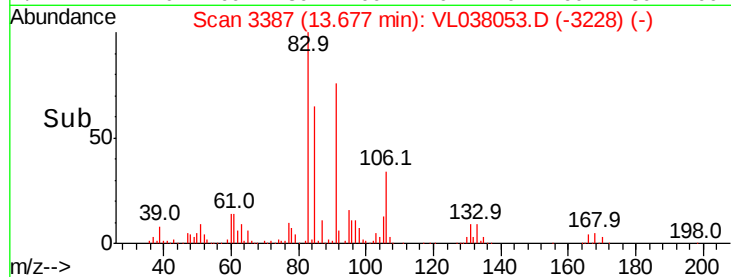
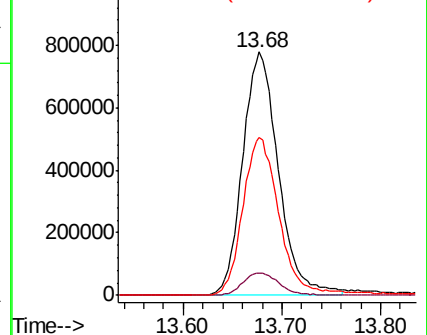
83 100

131 9.5 4.9 14.7

85 67.5 33.4 100.1



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: 7.913 ppbv

RT: 15.56 min Scan# 3973

Delta R.T. 0.01 min

Lab File: VL038053.D

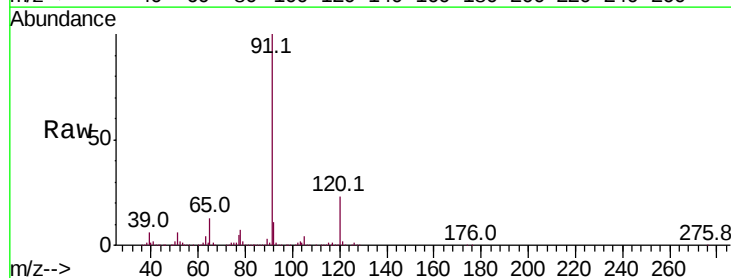
Acq: 18 Nov 2021 13:41

Tgt Ion:120 Resp: 1053017

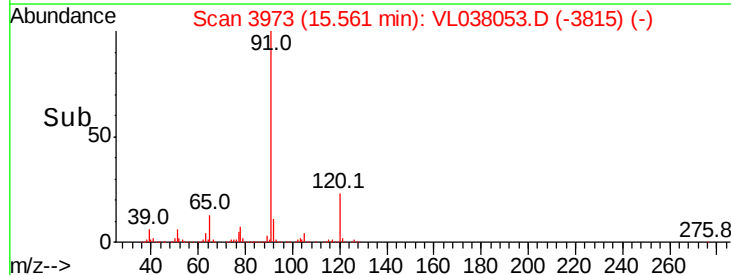
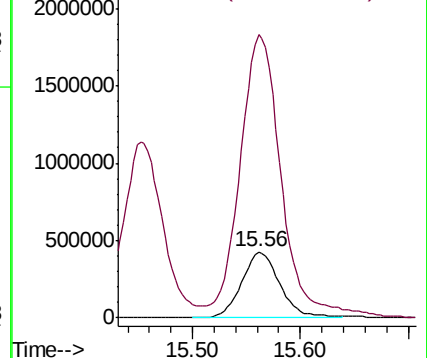
Ion Ratio Lower Upper

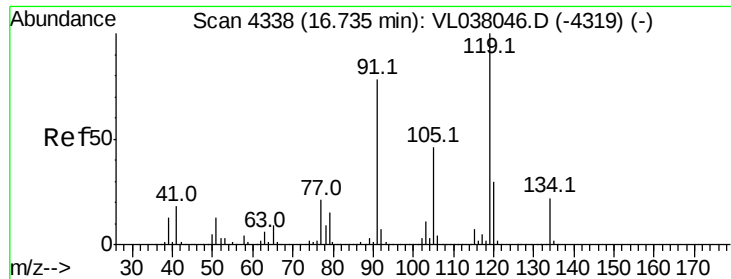
120 100

91 465.0 371.7 557.5



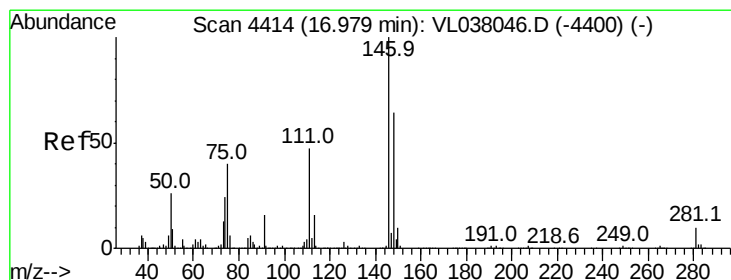
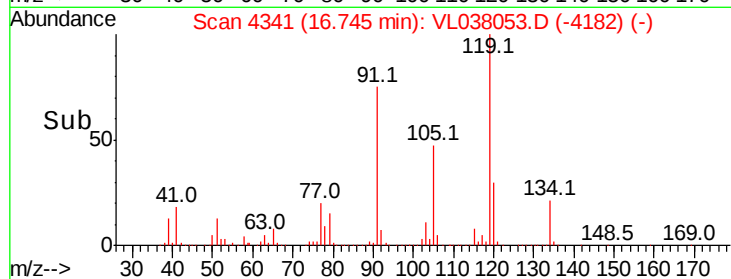
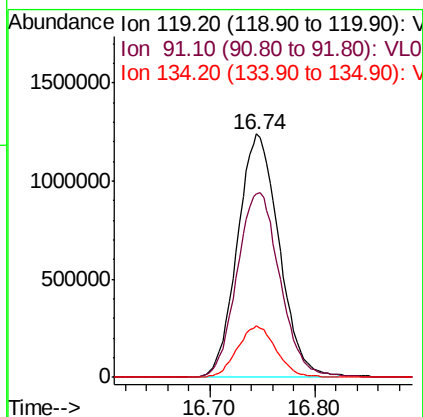
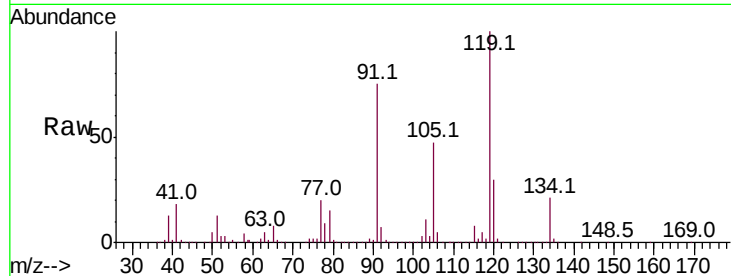
Abundance Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0





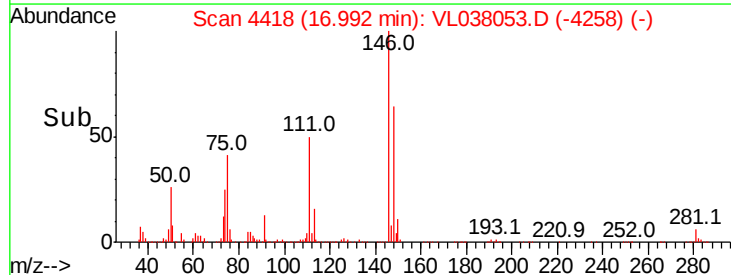
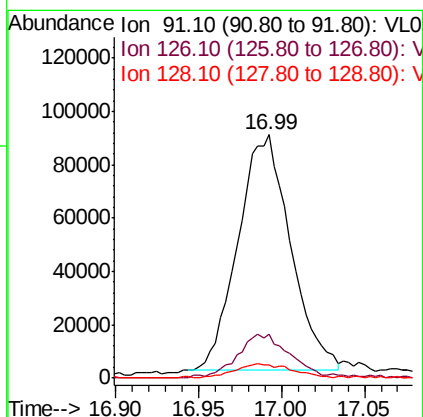
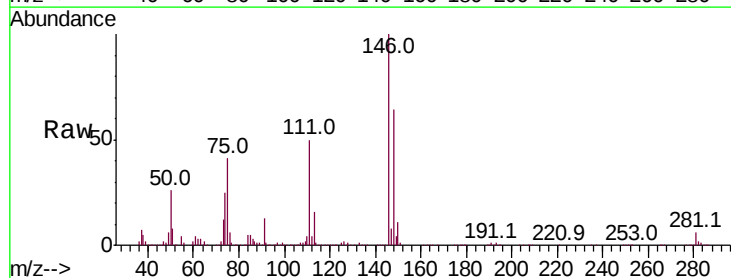
#65
tert-Butylbenzene
Concen: 7.371 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 13:41

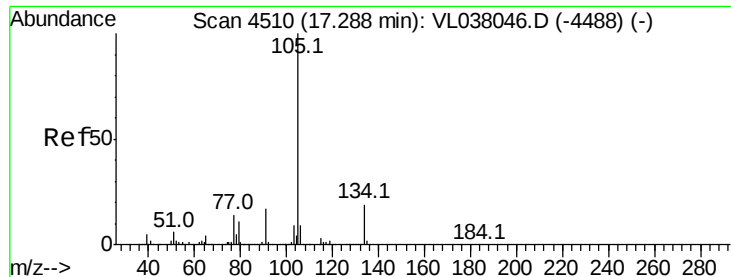
Tot Ion: 119 Resp: 3392292
Ion Ratio Lower Upper
119 100
91 78.9 63.2 94.8
134 20.0 16.1 24.1



#66
Benzyl Chloride
Concen: 8.370 ppbv
RT: 16.99 min Scan# 4418
Delta R.T.: 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

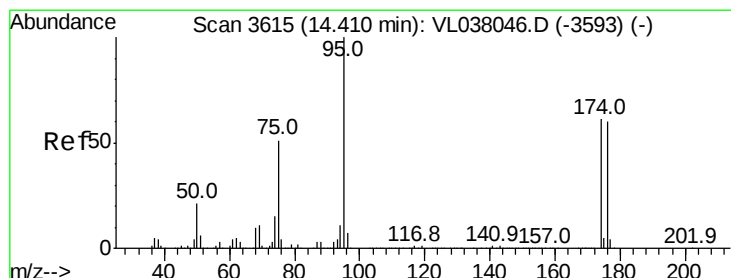
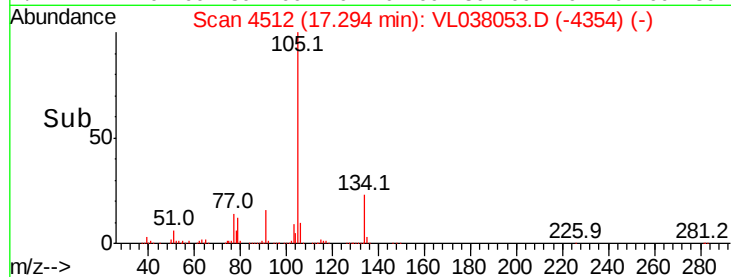
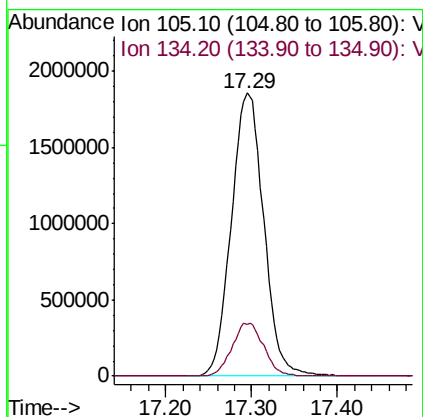
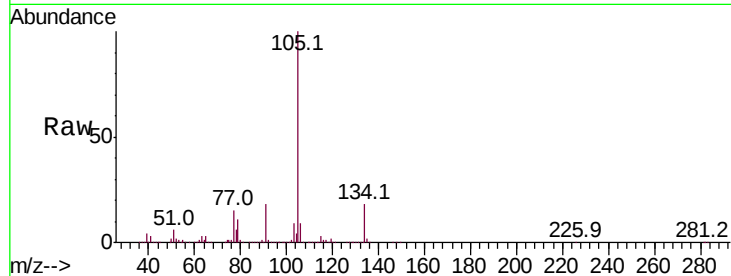
Tgt Ion: 91 Resp: 195232
Ion Ratio Lower Upper
91 100
126 19.4 15.5 23.3
128 7.2 5.6 8.4





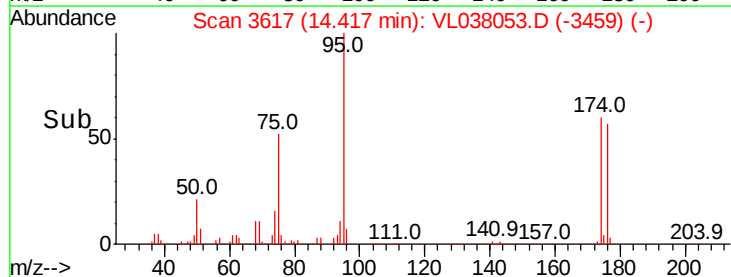
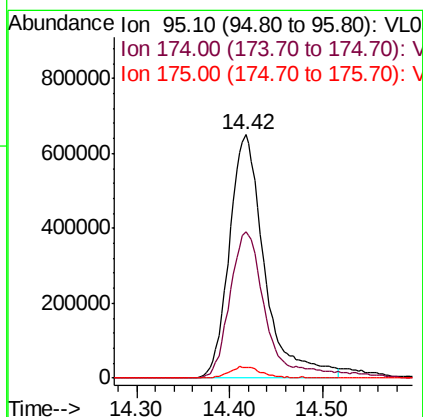
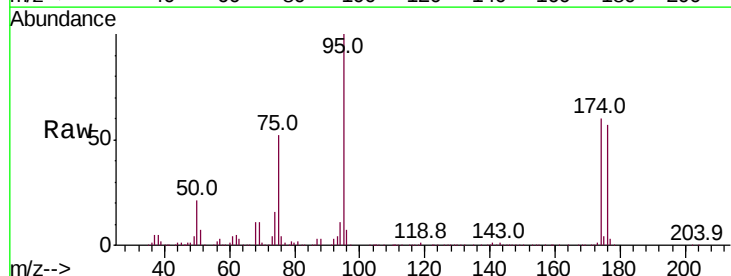
#67
 sec-Butylbenzene
 Concen: 7.562 ppbv
 RT: 17.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Nov 2021 13:41

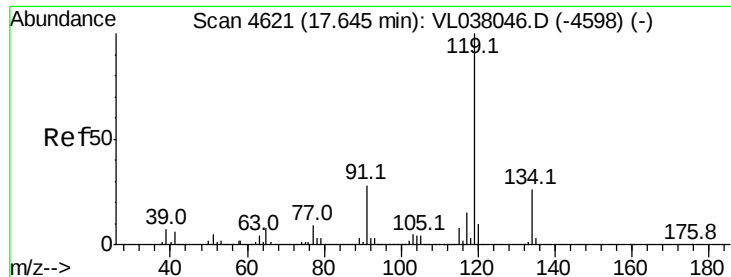
Tot Ion: 105 Resp: 4849028
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.7 22.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.369 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

Tgt Ion: 95 Resp: 1721208
 Ion Ratio Lower Upper
 95 100
 174 63.0 53.1 79.7
 175 4.6 4.0 6.0

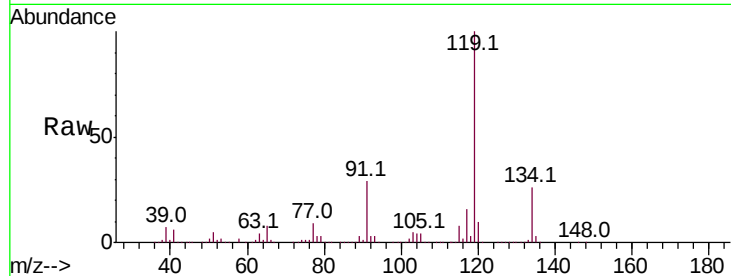




#69
 p-Isopropyltoluene
 Concen: 7.966 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 18 Nov 2021 13:41

Tot Ion: 119 Resp: 3995888

Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.6	30.8
91	28.0	22.2	33.4

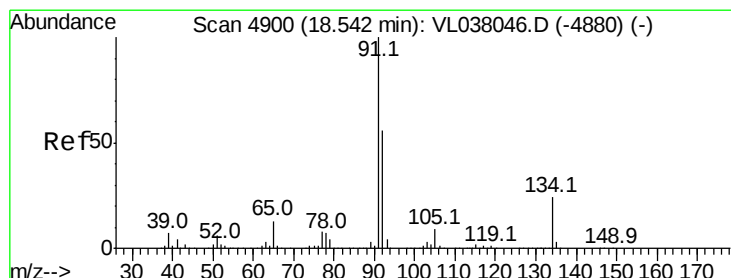
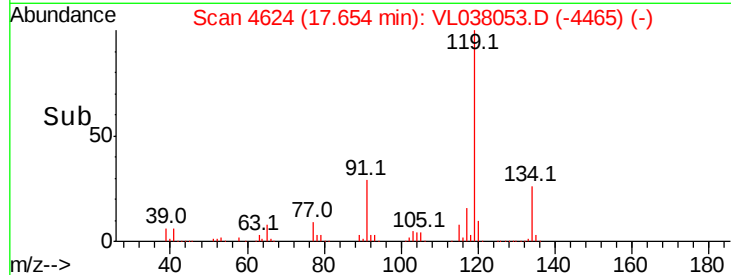
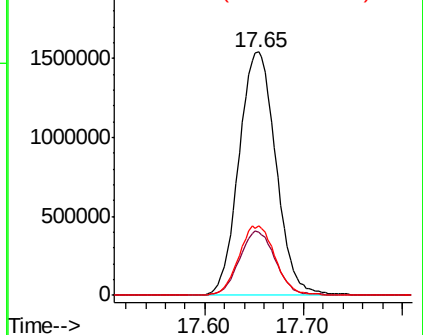


Abundance

Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

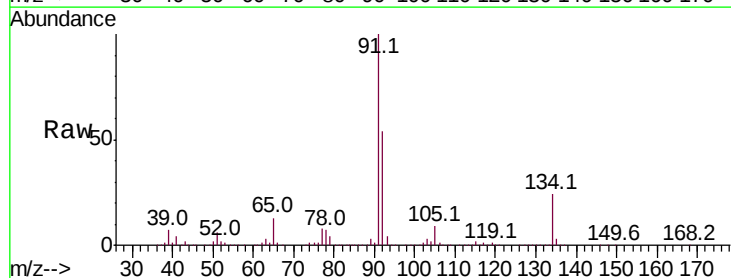
Ion 91.10 (90.80 to 91.80): V



#70
 n-Butylbenzene
 Concen: 8.310 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

Tgt Ion: 91 Resp: 3985480

Ion	Ratio	Lower	Upper
91	100		
92	55.0	44.1	66.1
134	23.6	18.9	28.3

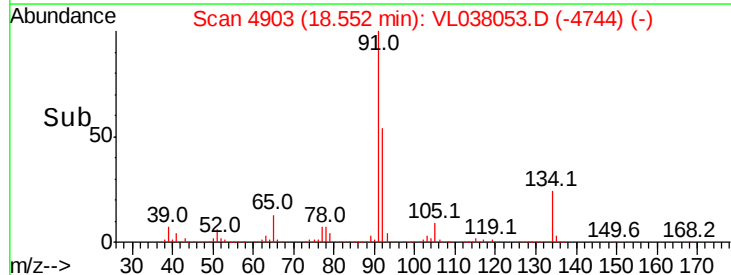
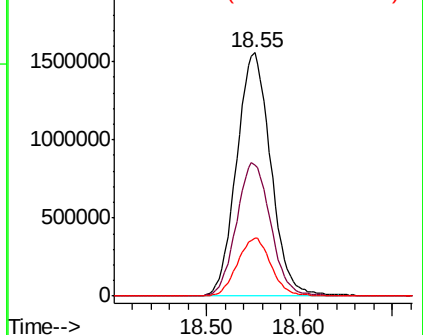


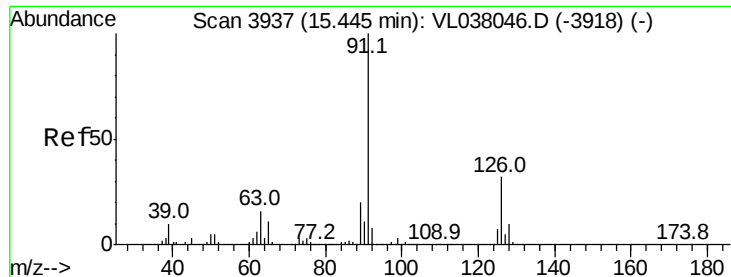
Abundance

Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

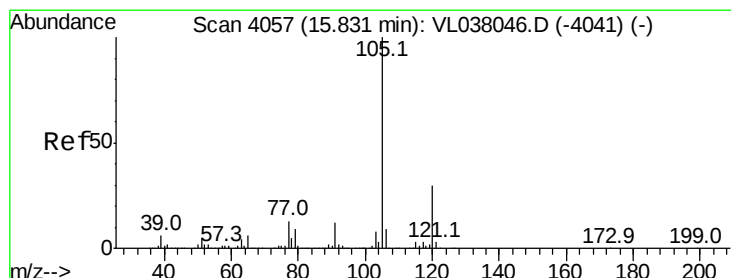
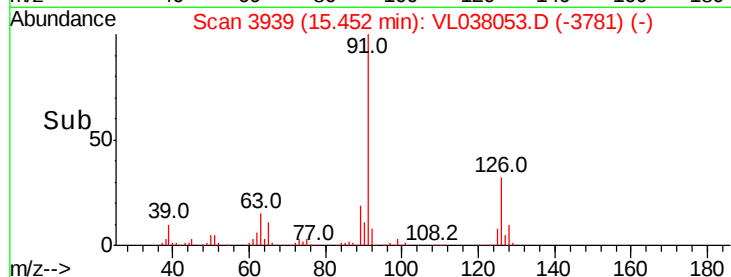
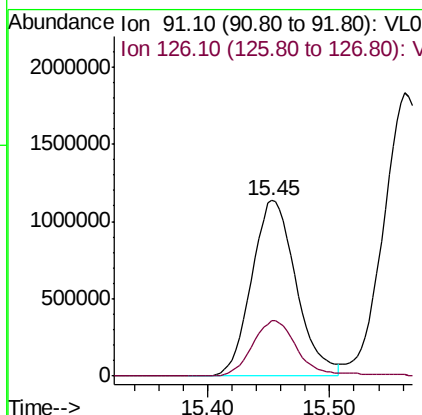
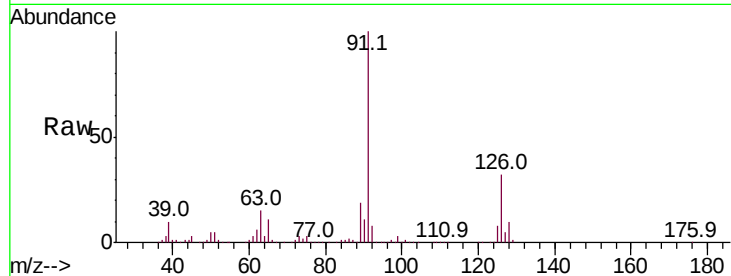
Ion 134.20 (133.90 to 134.90): V





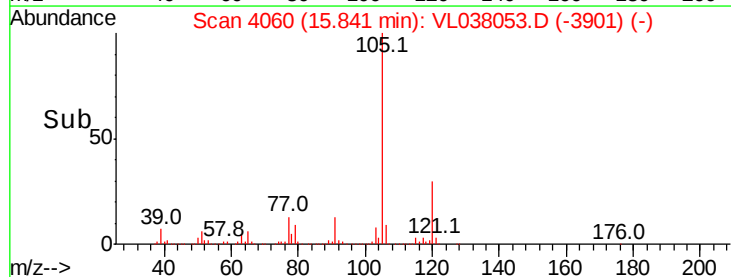
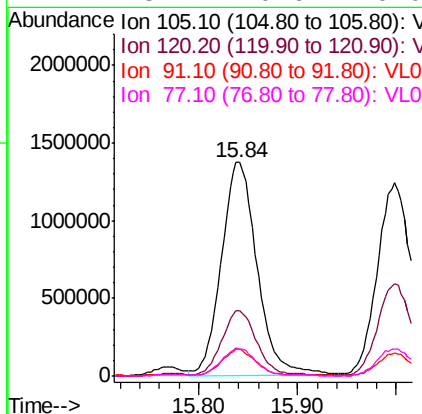
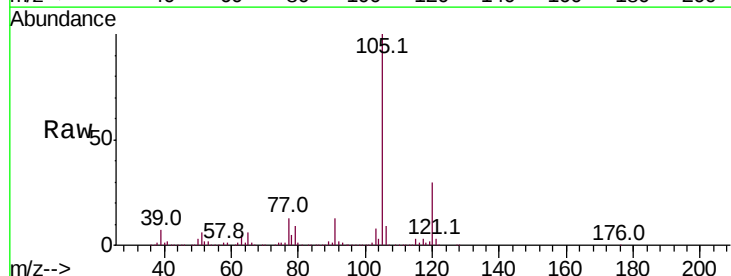
#71
 2-Chlorotoluene
 Concen: 7.528 ppbv
 RT: 15.45
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 18 Nov 2021 13:41

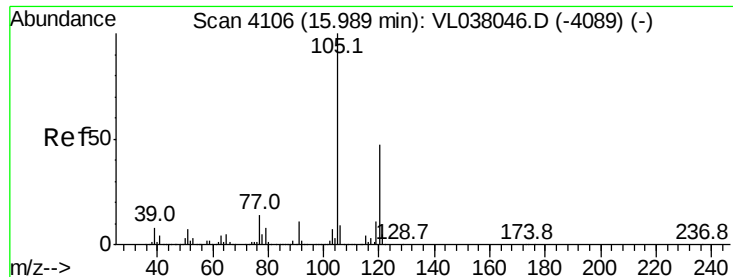
Tot Ion: 91 Resp: 2874849
 Ion Ratio Lower Upper
 91 100
 126 33.1 13.1 52.3



#72
 4-Ethyltoluene
 Concen: 8.170 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

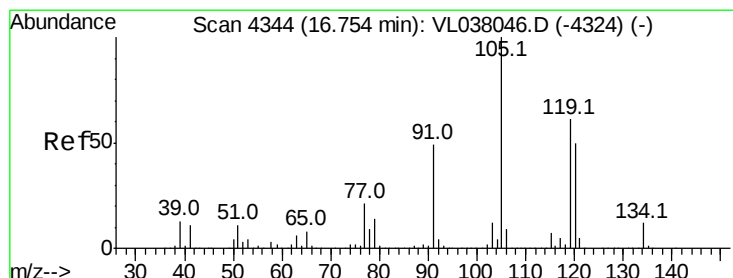
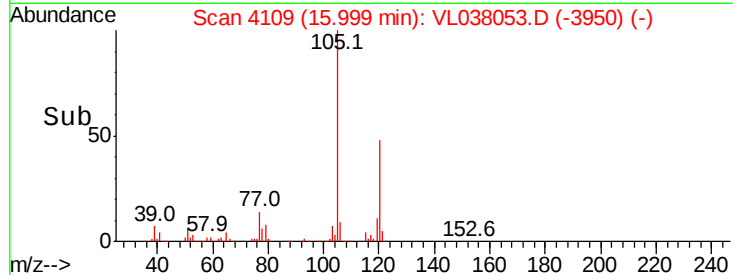
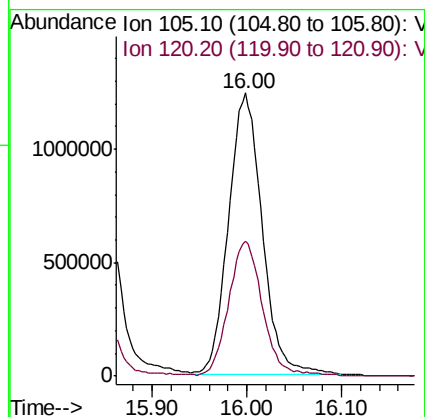
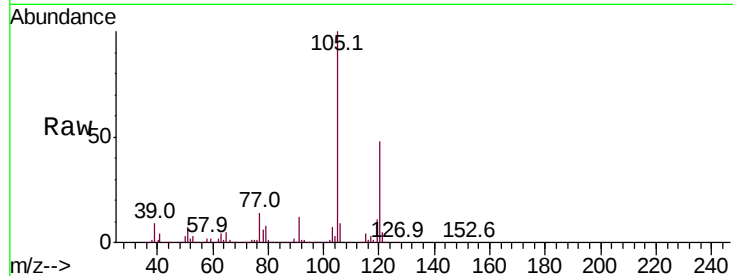
Tgt Ion:105 Resp: 3485952
 Ion Ratio Lower Upper
 105 100
 120 30.5 25.1 37.7
 91 11.8 9.7 14.5
 77 13.1 10.6 16.0





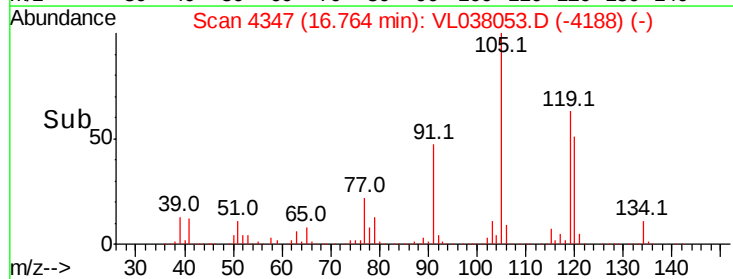
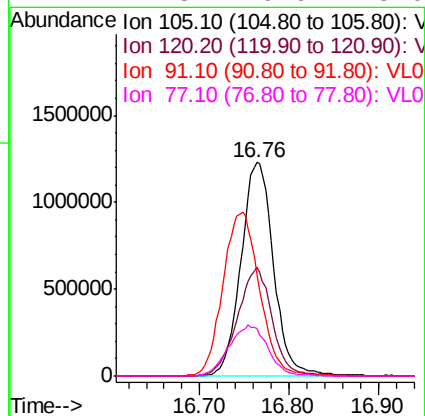
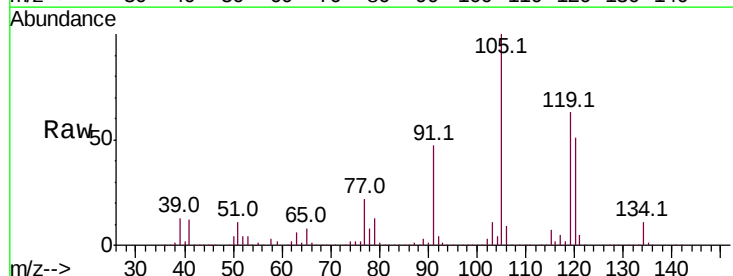
#73
 1,3,5-Trimethylbenzene
 Concen: 7.868 ppbv
 RT: 16.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Nov 2021 13:41

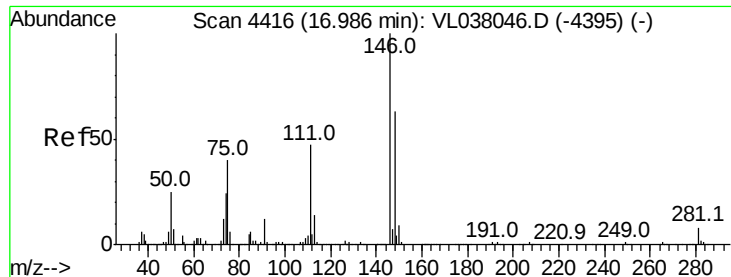
Tot Ion:105 Resp: 3066230
 Ion Ratio Lower Upper
 105 100
 120 47.8 37.8 56.6



#74
 1,2,4-Trimethylbenzene
 Concen: 7.739 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

Tgt Ion:105 Resp: 3107768
 Ion Ratio Lower Upper
 105 100
 120 50.9 40.1 60.1
 91 47.1 39.8 59.8
 77 21.8 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 8.155 ppbv

RT: 17.00

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Nov 2021 13:41

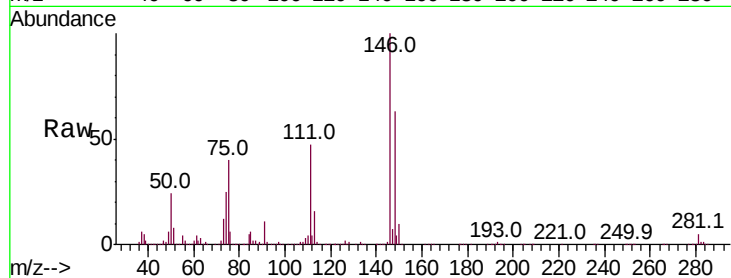
Tot Ion:146 Resp: 1798786

Ion Ratio Lower Upper

146 100

111 47.8 23.5 70.6

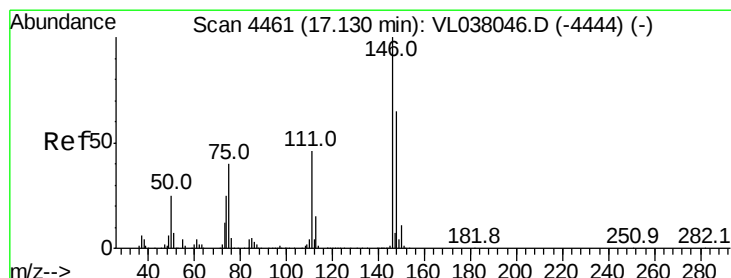
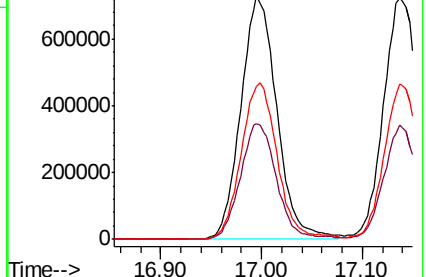
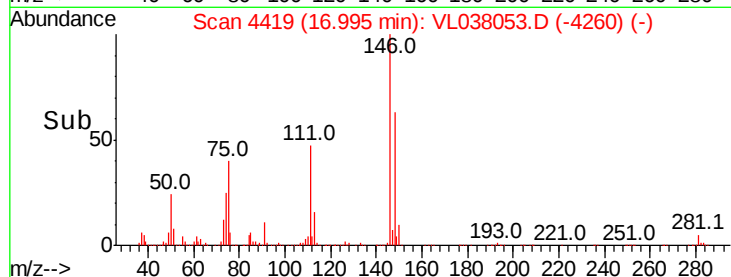
148 64.5 32.1 96.3



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: 7.993 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

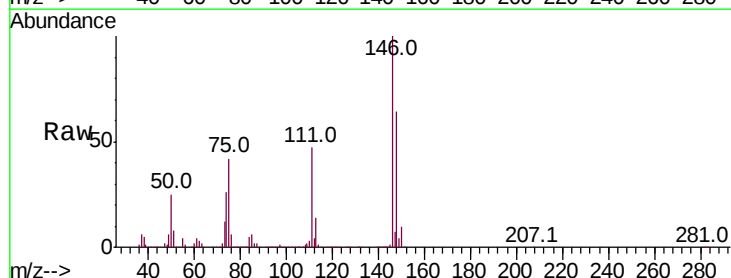
Tgt Ion:146 Resp: 1774114

Ion Ratio Lower Upper

146 100

111 47.1 23.8 71.5

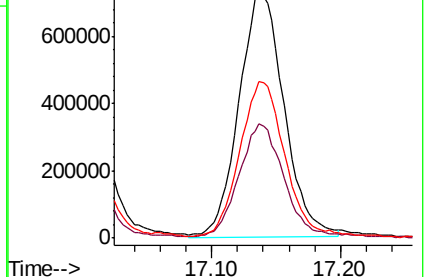
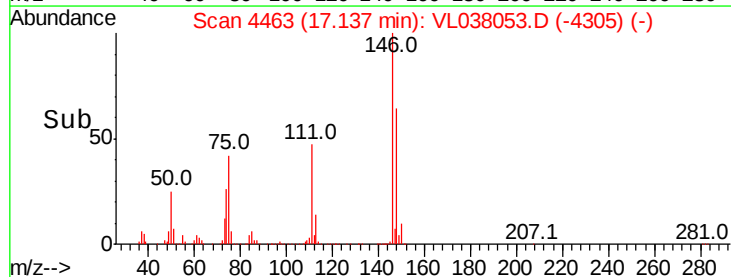
148 65.3 33.2 99.6

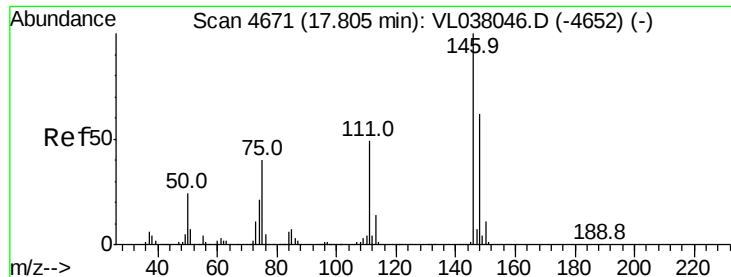


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 8.134 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 13:41

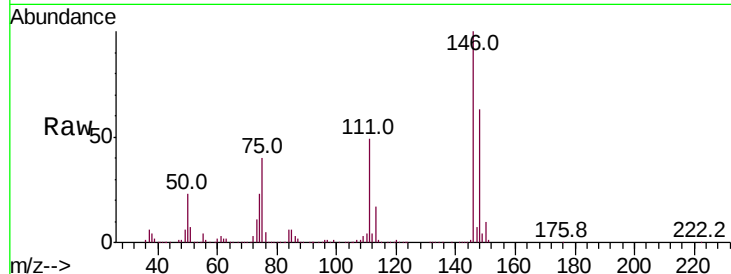
Tot Ion:146 Resp: 1737187

Ion Ratio Lower Upper

146 100

111 49.2 24.8 74.4

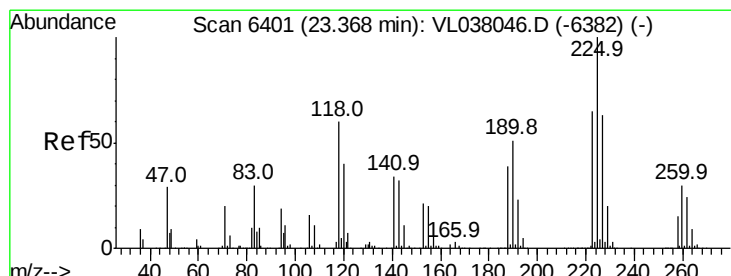
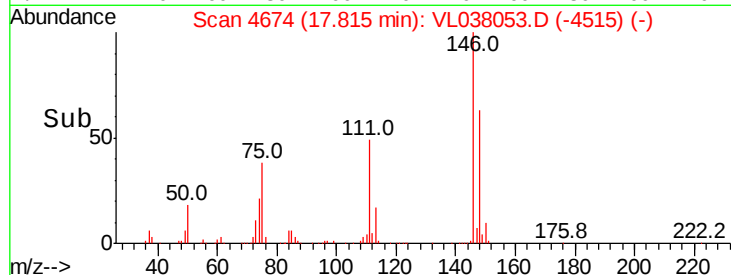
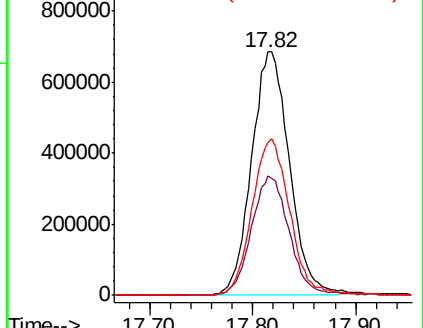
148 64.5 32.3 96.9



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



#78

Hexachloro-1,3-Butadiene

Concen: 7.817 ppbv

RT: 23.37 min Scan# 6403

Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

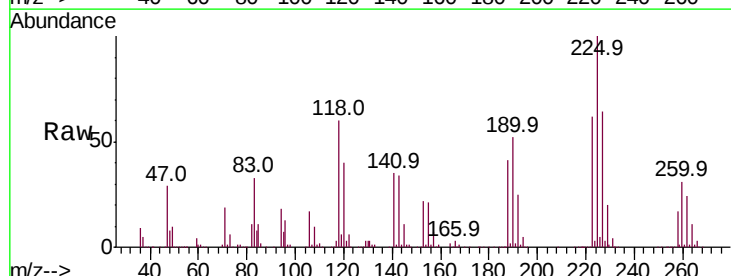
Tgt Ion:225 Resp: 1042371

Ion Ratio Lower Upper

225 100

223 64.5 52.3 78.5

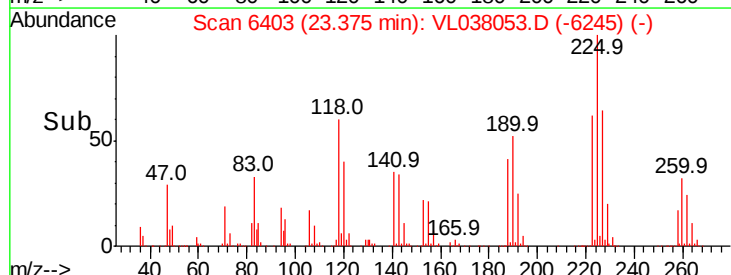
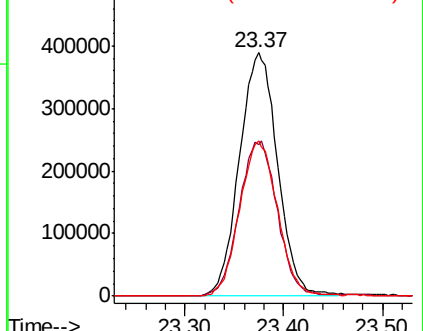
227 64.1 52.4 78.6

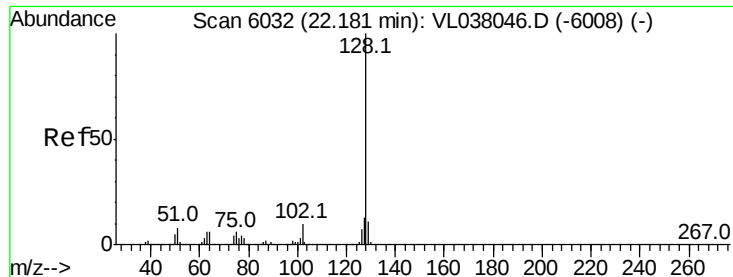


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V

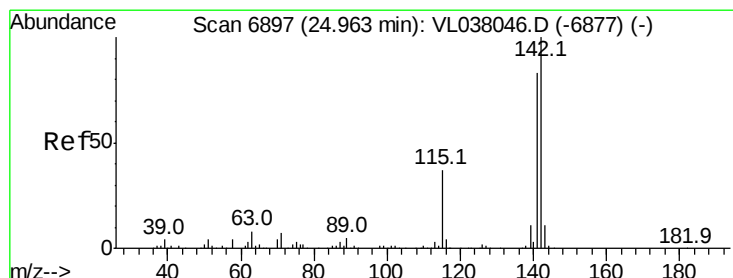
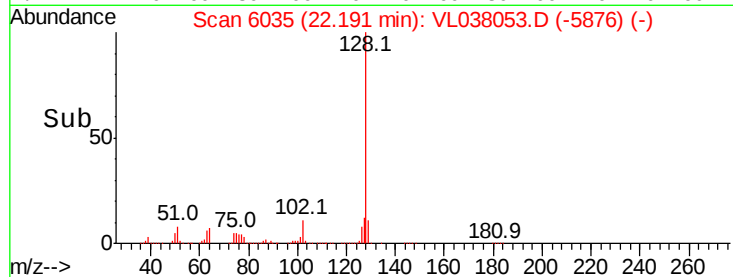
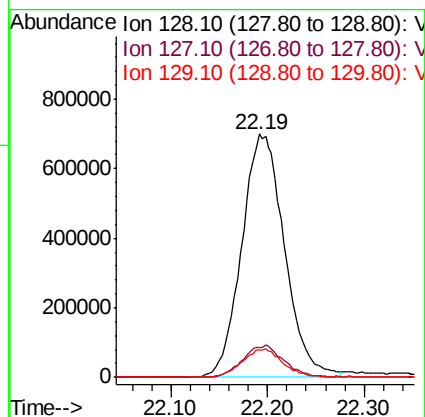
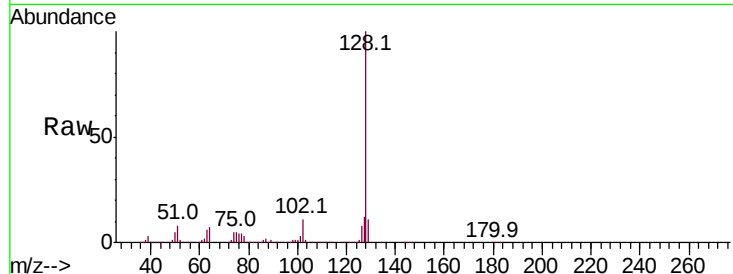




#79
Naphthalene
Concen: 10.129 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 13:41

Tot Ion:128 Resp: 2142005

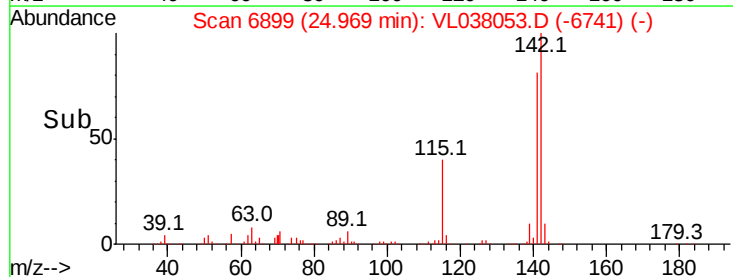
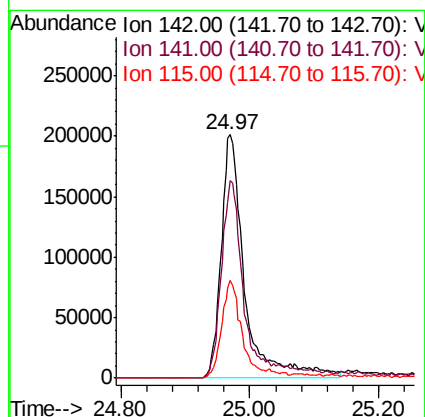
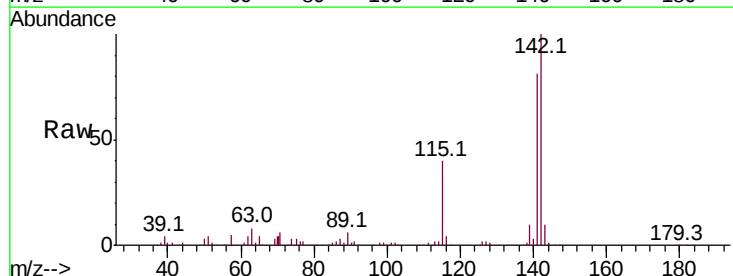
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.4	15.6
129	11.2	8.9	13.3

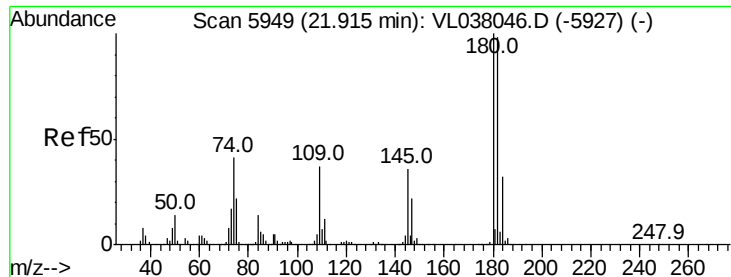


#80
Naphthalene, 2-methyl-
Concen: 11.332 ppbv
RT: 24.97 min Scan# 6899
Delta R.T.: 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion:142 Resp: 513580

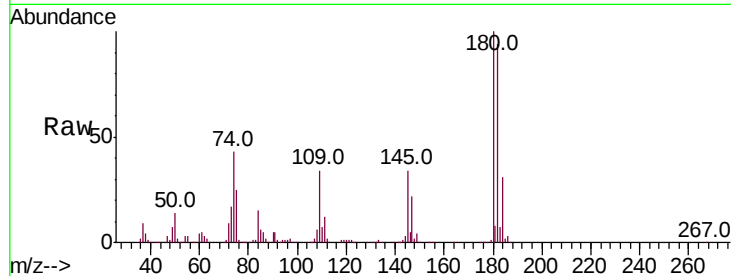
Ion	Ratio	Lower	Upper
142	100		
141	85.3	67.3	100.9
115	35.9	28.9	43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.334 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 ICVVL111821
 Acq: 18 Nov 2021 13:41

Tot Ion:180 Resp: 1134277
 Ion Ratio Lower Upper
 180 100
 182 98.6 77.4 116.2
 184 31.4 25.0 37.4



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

