

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020122\
 Data File : VL038317.D
 Acq On : 1 Feb 2022 10:56
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Feb 02 05:12:33 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	937008	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	2642722	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	2986155	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1946658	8.59	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.90%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	3.03	85	1887107	9.461	ppbv 99
3) Chlorodifluoromethane	2.97	51	1608442	8.623	ppbv 100
4) Chloromethane	3.12	50	546643	8.518	ppbv 96
5) Vinyl Chloride	3.24	62	564014	8.806	ppbv 100
6) Bromomethane	3.45	94	322464	9.312	ppbv 96
7) Chloroethane	3.54	64	189336	8.752	ppbv 96
8) Dichlorotetrafluoroethane	3.17	85	1327611	8.601	ppbv 96
9) Propene	2.99	41	550481	9.066	ppbv 99
10) Heptane	8.08	43	1401239	8.969	ppbv 99
11) Trichlorofluoromethane	3.93	101	1440630	9.271	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1068038	9.093	ppbv 99
13) Ethanol	3.58	45	61452	9.427	ppbv 95
14) Bromoethene	3.72	108	429117	9.349	ppbv 98
15) Acetone	3.83	43	708409	8.576	ppbv 100
16) 1,3-Butadiene	3.31	39	519814	8.770	ppbv 97
17) tert-Butyl alcohol	4.26	59	810014	8.935	ppbv 98
18) 1,1-Dichloroethene	4.26	96	457846	8.963	ppbv 95
19) Isopropyl Alcohol	3.94	45	461244	8.926	ppbv # 97
20) Methylene Chloride	4.31	84	388418	8.085	ppbv 98
21) Allyl Chloride	4.38	41	716415	9.803	ppbv 99
22) trans-1,2-Dichloroethene	4.85	96	506400	9.595	ppbv 98
23) Vinyl Acetate	5.04	43	1195084	9.951	ppbv 98
24) 1,1-Dichloroethane	4.98	63	986663	9.222	ppbv 100
25) Ethyl Acetate	5.64	43	2185898	9.452	ppbv 100
26) Hexane	5.65	57	1002670	9.321	ppbv 99
27) Carbon Disulfide	4.52	76	1214170	9.648	ppbv 99
28) Methyl tert-Butyl Ether	5.00	73	1092953	9.795	ppbv 99
29) Chloroform	5.72	83	1587169	9.039	ppbv 100
30) Cyclohexane	7.09	84	863407	9.219	ppbv 99
31) cis-1,2-Dichloroethene	5.51	61	998064	10.637	ppbv 95
32) 1,1,1-Trichloroethane	6.47	97	1605149	9.153	ppbv 99
34) 2-Butanone	5.21	43	771452	8.927	ppbv 100
35) Carbon Tetrachloride	6.98	117	1662652	8.963	ppbv 97
36) Benzene	6.85	78	2152940	9.210	ppbv 99
37) 1,2-Dichloroethane	6.27	62	1210790	9.043	ppbv 99
38) Trichloroethene	7.79	130	779939	8.957	ppbv 99
39) 1,2-Dichloropropane	7.57	63	851029	8.980	ppbv 98
40) 1,4-Dioxane	7.79	88	214289	9.394	ppbv 70
41) Tetrahydrofuran	6.01	42	552426	9.509	ppbv 98
42) Bromodichloromethane	7.75	83	1788504	9.003	ppbv 99
43) Methyl Methacrylate	7.97	69	809646	9.792	ppbv 99

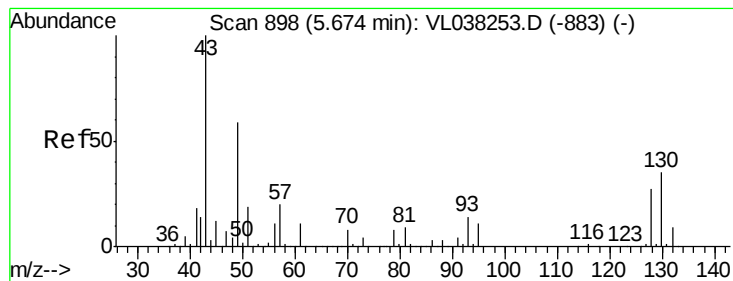
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020122\
 Data File : VL038317.D
 Acq On : 1 Feb 2022 10:56
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Instrument :
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Quant Time: Feb 02 05:12:33 2022
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 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.83	57	3584331	8.701	ppbv	99
45) t-1,3-Dichloropropene	9.23	75	719563	10.711	ppbv	97
46) cis-1,3-Dichloropropene	8.66	75	909712	10.149	ppbv	97
47) 1,1,2-Trichloroethane	9.43	97	853114	9.161	ppbv	98
48) Dibromochloromethane	10.26	129	1474108	9.403	ppbv	99
49) Bromoform	12.99	173	1132095	10.016	ppbv	100
50) 4-Methyl-2-Pentanone	8.70	43	1424784	9.241	ppbv	100
51) 2-Hexanone	10.09	43	627566	9.242	ppbv #	94
52) Tetrachloroethene	11.18	164	707283	8.779	ppbv	96
53) Toluene	9.76	91	2419312	9.350	ppbv	98
54) 1,2-Dibromoethane	10.56	107	1262061	9.533	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.07	131	950286	7.271	ppbv #	59
57) Chlorobenzene	12.10	112	1742349	7.292	ppbv	98
58) Ethyl Benzene	12.66	91	3211031	7.317	ppbv	99
59) m/p-Xylene	12.95	91	2915978	7.788	ppbv #	43
60) o-Xylene	13.64	91	2526329	7.255	ppbv	100
61) Styrene	13.48	104	1345312	8.278	ppbv	99
62) Isopropylbenzene	14.62	105	3387637	7.297	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.63	83	1792035	6.955	ppbv	100
64) n-propylbenzene	15.51	120	874688	7.832	ppbv	95
65) tert-Butylbenzene	16.70	119	2865406	7.494	ppbv	100
66) Benzyl Chloride	16.94	91	168711	9.713	ppbv	99
67) sec-Butylbenzene	17.25	105	4027376	7.571	ppbv	100
69) p-Isopropyltoluene	17.60	119	3224793	7.922	ppbv	99
70) n-Butylbenzene	18.50	91	3204661	8.038	ppbv	100
71) 2-Chlorotoluene	15.40	91	2626370	7.638	ppbv	99
72) 4-Ethyltoluene	15.79	105	2896658	7.954	ppbv	100
73) 1,3,5-Trimethylbenzene	15.95	105	2554508	7.800	ppbv	98
74) 1,2,4-Trimethylbenzene	16.71	105	2638117	7.646	ppbv	97
75) 1,3-Dichlorobenzene	16.94	146	1461933	7.896	ppbv	100
76) 1,4-Dichlorobenzene	17.09	146	1419570	7.919	ppbv	97
77) 1,2-Dichlorobenzene	17.77	146	1349194	7.846	ppbv	100
78) Hexachloro-1,3-Butadiene	23.32	225	722434	6.042	ppbv	99
79) Naphthalene	22.13	128	1241423	7.696	ppbv	98
80) Naphthalene,2-methyl-	24.93	142	228146	13.005	ppbv	89
81) 1,2,4-Trichlorobenzene	21.87	180	666605	7.026	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 1 Feb 2022 10:50

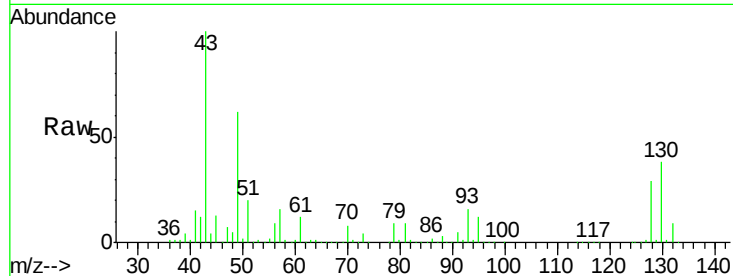
Tgt Ion: 49 Resp: 937008

Ion Ratio Lower Upper

49 100

128 51.3 24.5 73.5

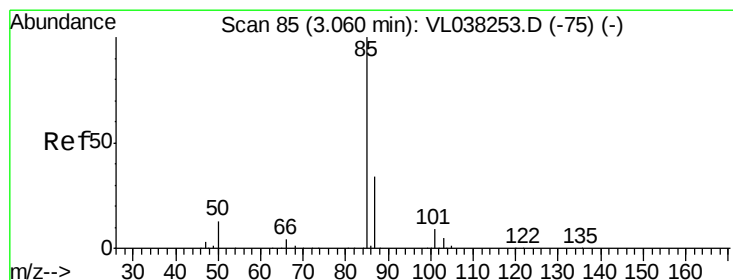
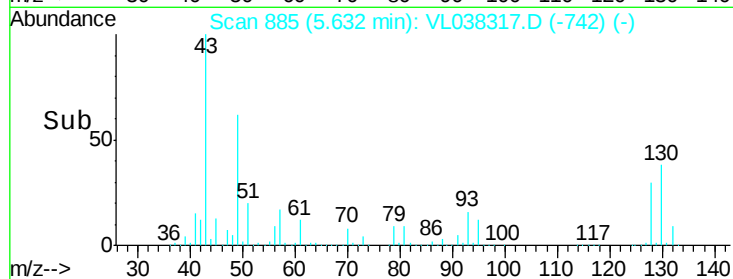
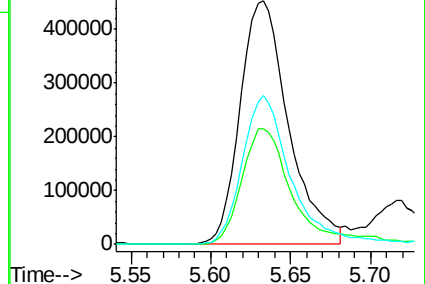
130 62.9 30.1 90.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 9.461 ppbv

RT: 3.03 min Scan# 76

Delta R.T. -0.03 min

Lab File: VL038317.D

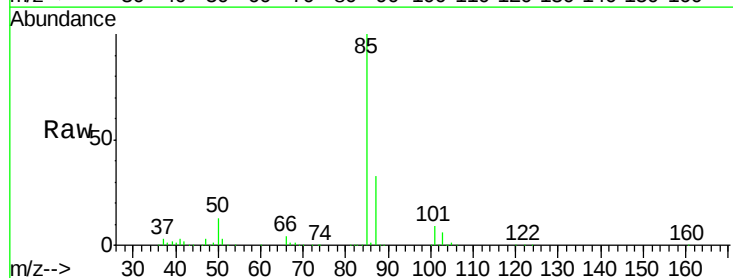
Acq: 1 Feb 2022 10:56

Tgt Ion: 85 Resp: 1887107

Ion Ratio Lower Upper

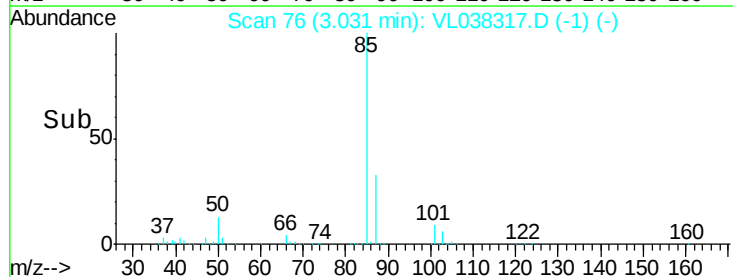
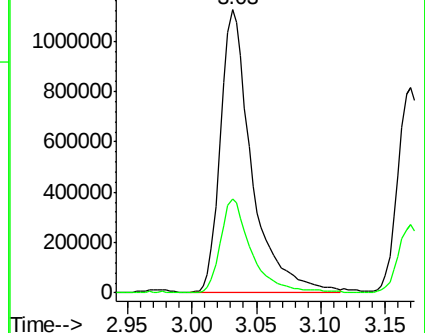
85 100

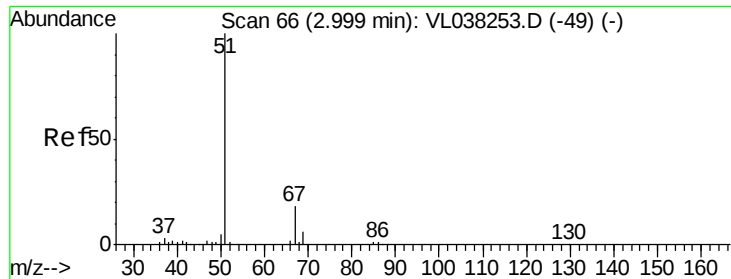
87 33.3 27.0 40.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.623 ppbv

RT: 2.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

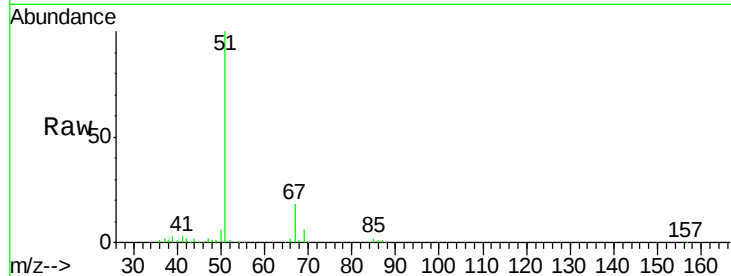
Acq: 1 Feb 2022 10:56 VSTDCCC010

Tgt Ion: 51 Resp: 1608442

Ion Ratio Lower Upper

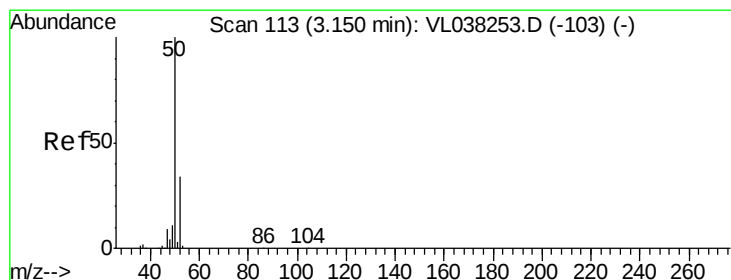
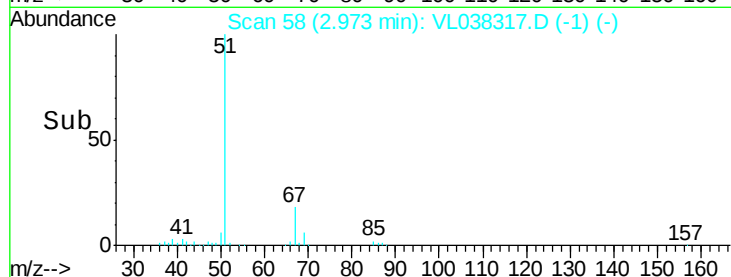
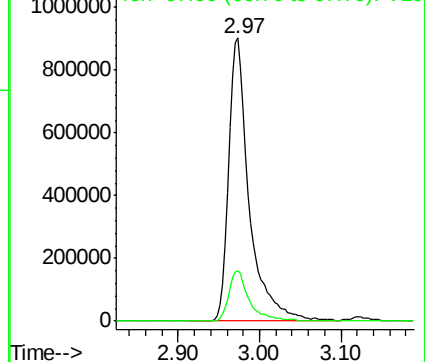
51 100

67 17.9 14.4 21.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 8.518 ppbv

RT: 3.12 min Scan# 105

Delta R.T. -0.03 min

Lab File: VL038317.D

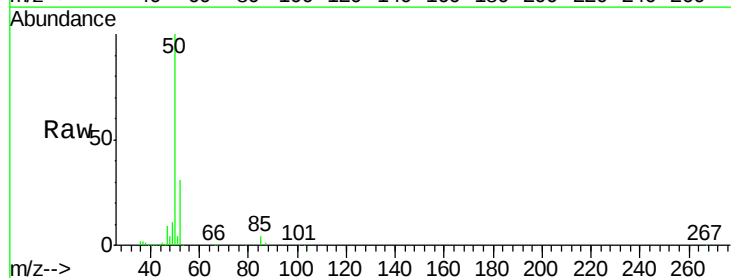
Acq: 1 Feb 2022 10:56

Tgt Ion: 50 Resp: 546643

Ion Ratio Lower Upper

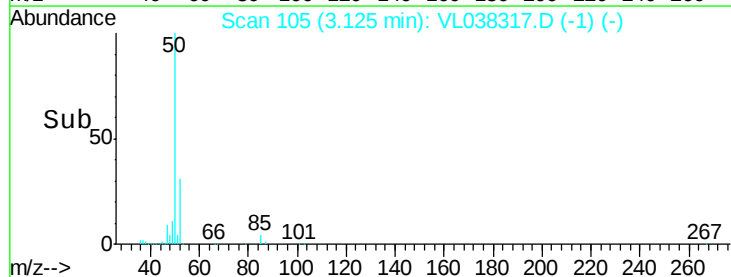
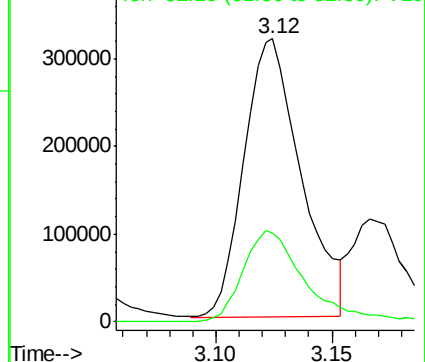
50 100

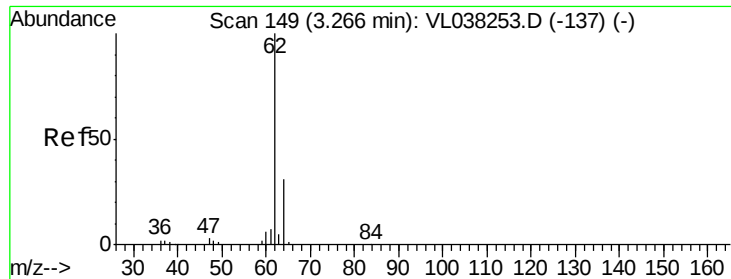
52 31.7 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 8.806 ppbv

RT: 3.24 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

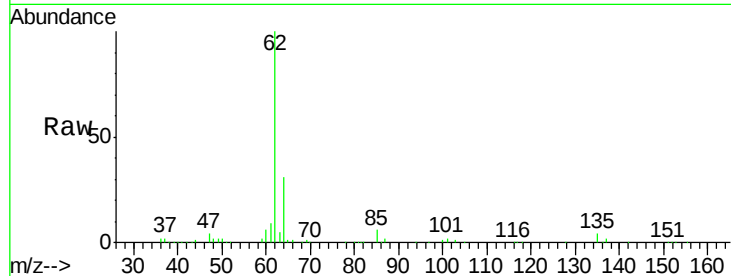
Acq: 1 Feb 2022 10:50

Tgt Ion: 62 Resp: 564014

Ion Ratio Lower Upper

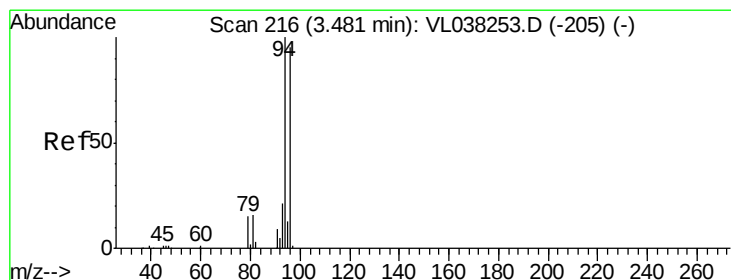
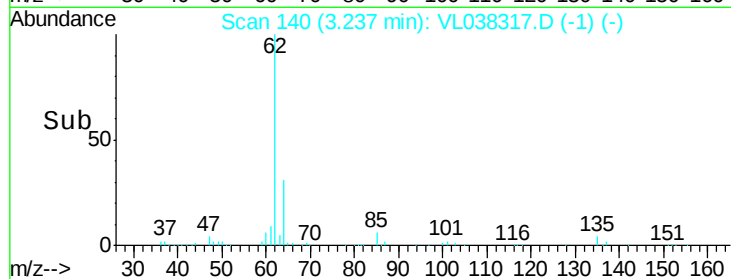
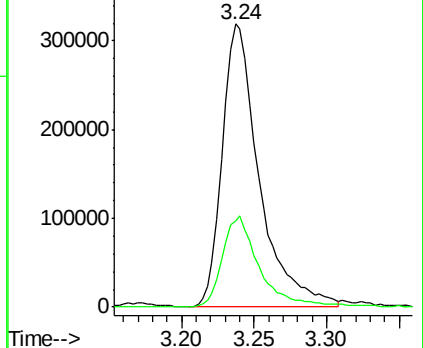
62 100

64 30.6 24.4 36.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.312 ppbv

RT: 3.45 min Scan# 207

Delta R.T. -0.03 min

Lab File: VL038317.D

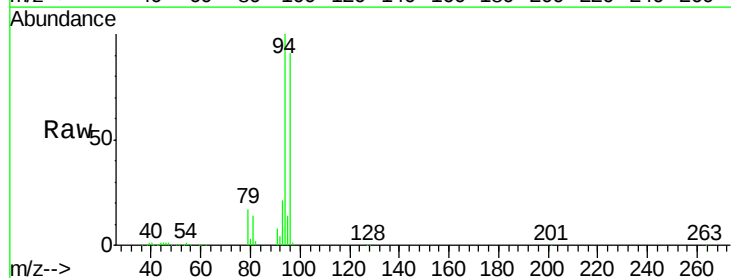
Acq: 1 Feb 2022 10:56

Tgt Ion: 94 Resp: 322464

Ion Ratio Lower Upper

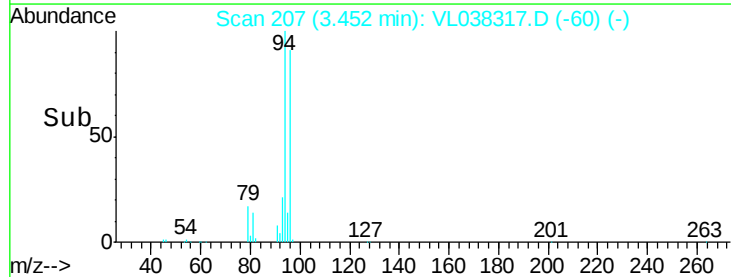
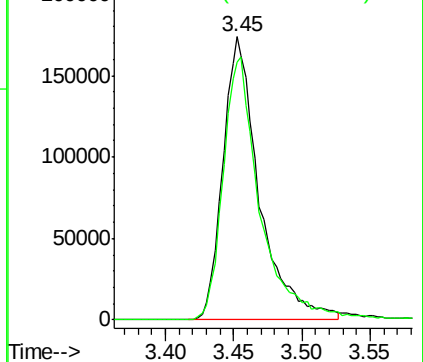
94 100

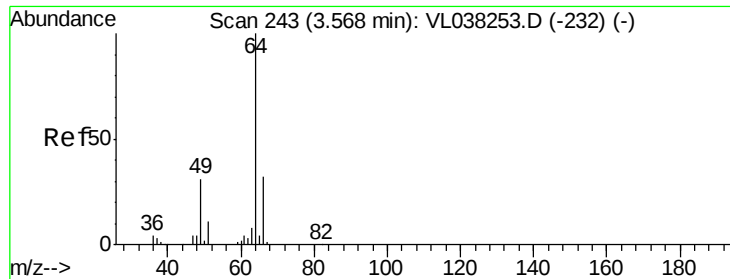
96 91.1 76.0 114.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 8.752 ppbv

RT: 3.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

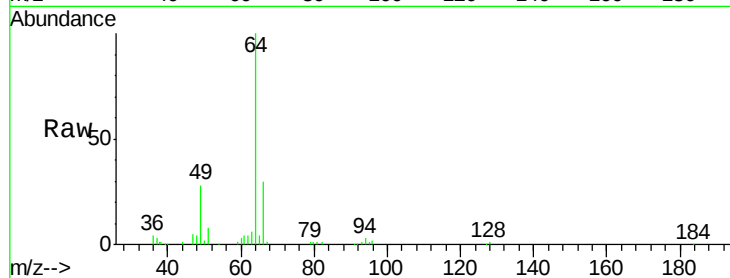
Acq: 1 Feb 2022 10:56 VSTDCCC010

Tgt Ion: 64 Resp: 189336

Ion Ratio Lower Upper

64 100

66 30.0 25.8 38.6



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.54

120000

100000

80000

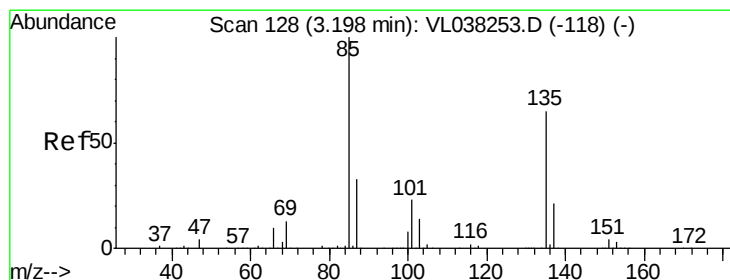
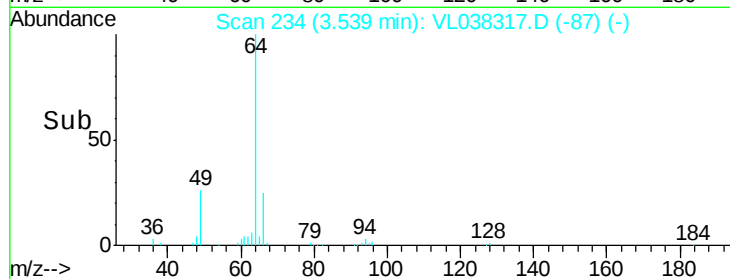
60000

40000

20000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 8.601 ppbv

RT: 3.17 min Scan# 119

Delta R.T. -0.03 min

Lab File: VL038317.D

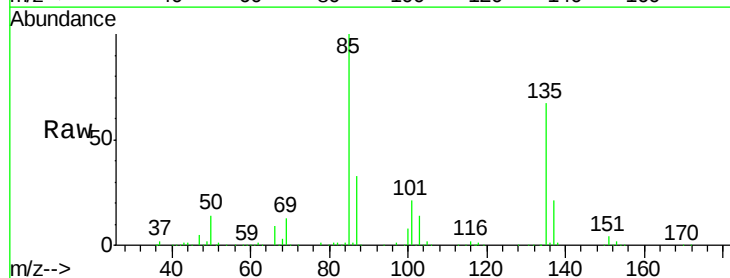
Acq: 1 Feb 2022 10:56

Tgt Ion: 85 Resp: 1327611

Ion Ratio Lower Upper

85 100

135 70.3 53.7 80.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.17

800000

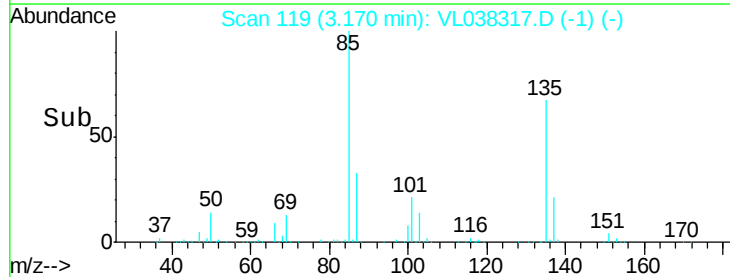
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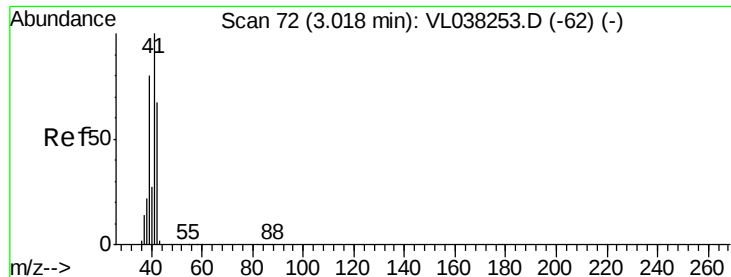
400000

200000

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Time-->





#9

Propene

Concen: 9.066 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

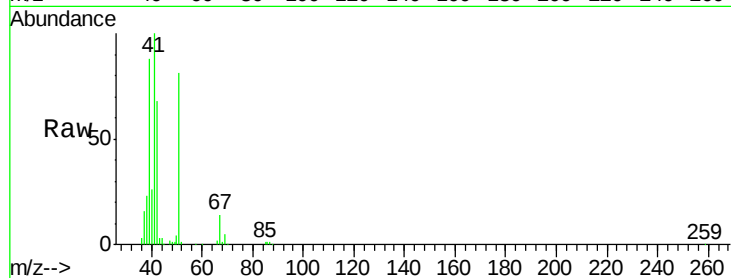
Acq: 1 Feb 2022 10:50

Tgt Ion: 41 Resp: 550481

Ion Ratio Lower Upper

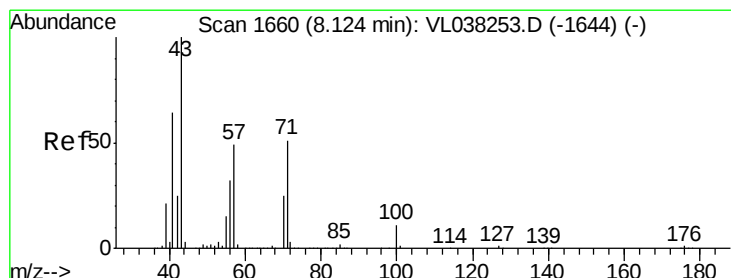
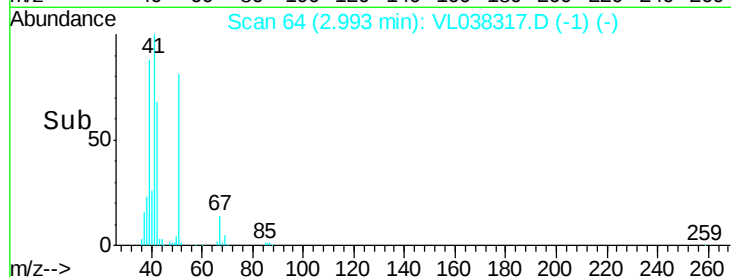
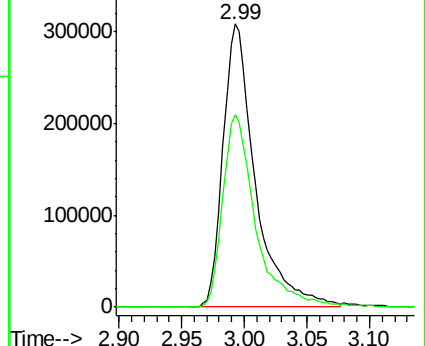
41 100

42 69.6 54.9 82.3



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 8.969 ppbv

RT: 8.08 min Scan# 1646

Delta R.T. -0.04 min

Lab File: VL038317.D

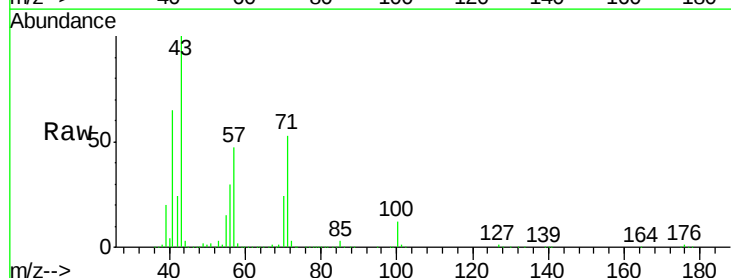
Acq: 1 Feb 2022 10:56

Tgt Ion: 43 Resp: 1401239

Ion Ratio Lower Upper

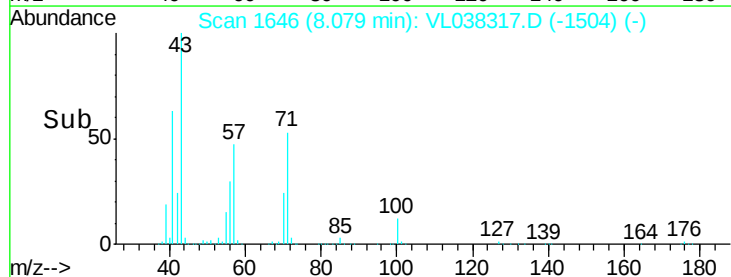
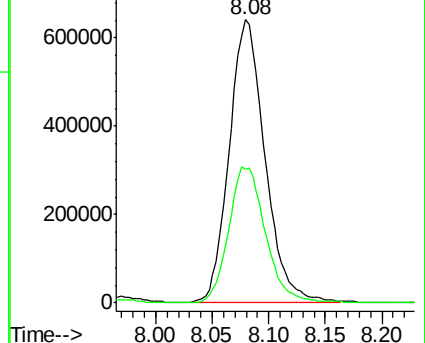
43 100

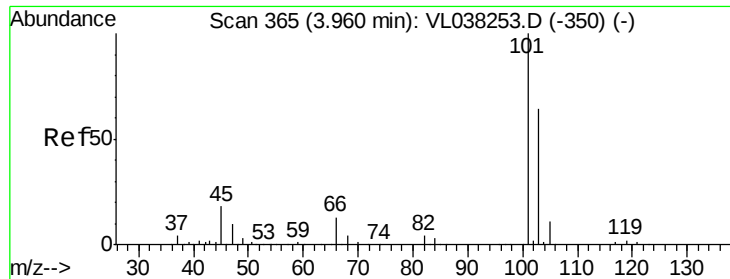
57 50.0 39.5 59.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

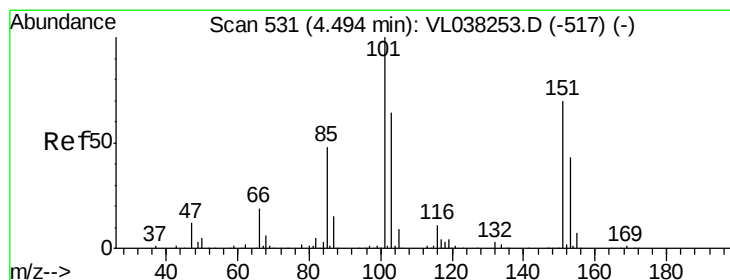
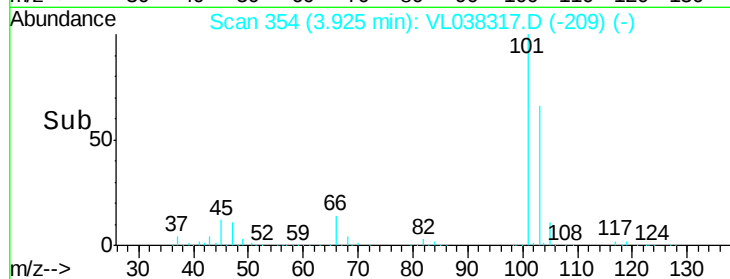
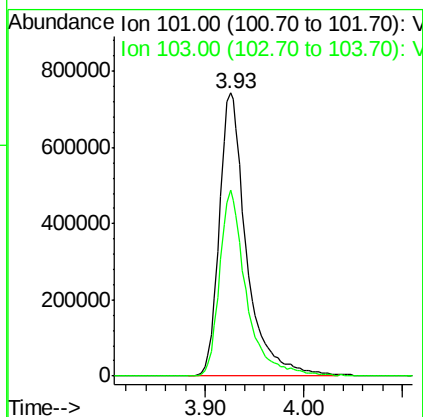
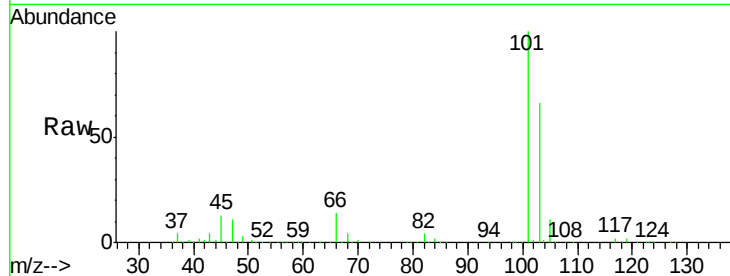
Ion 57.10 (56.80 to 57.80): VL0





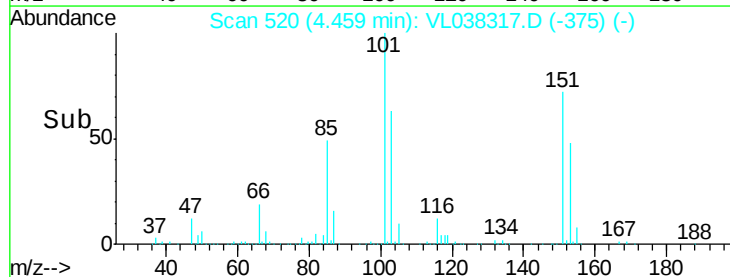
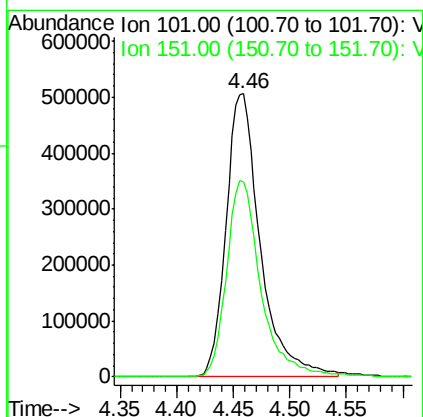
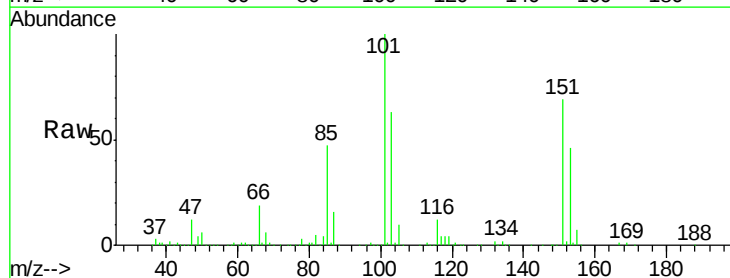
#11
 Trichlorofluoromethane
 Concen: 9.271 ppbv
 RT: 3.93
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Feb 2022 10:56

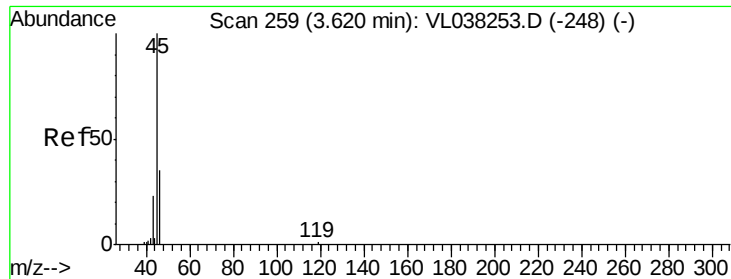
Tgt Ion:101 Resp: 1440630
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.2 76.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.093 ppbv
 RT: 4.46 min Scan# 520
 Delta R.T. -0.04 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

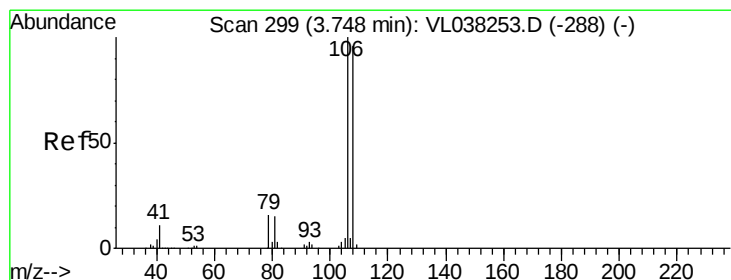
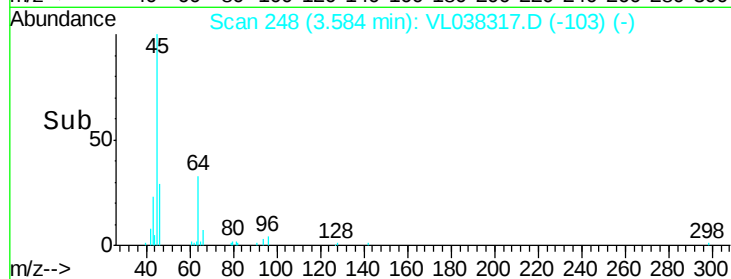
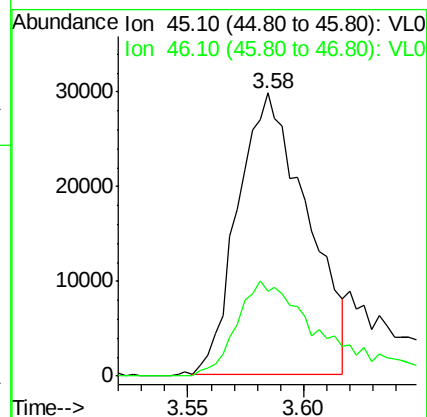
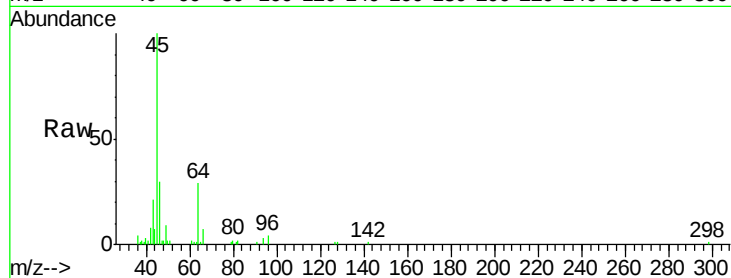
Tgt Ion:101 Resp: 1068038
 Ion Ratio Lower Upper
 101 100
 151 69.8 55.3 82.9





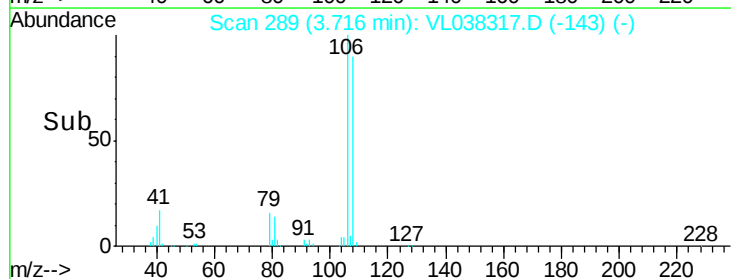
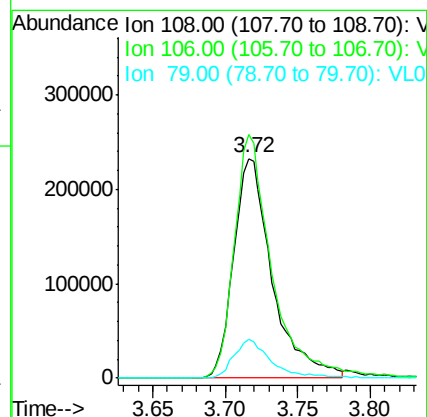
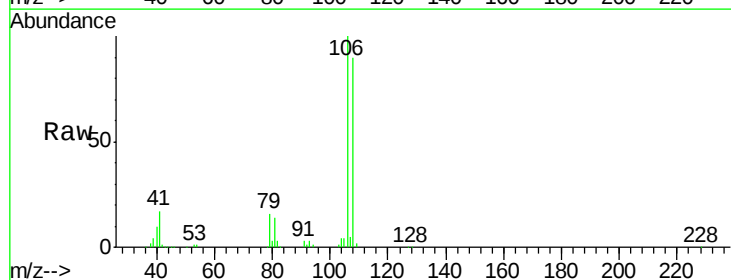
#13
Ethanol
Concen: 9.427 ppbv
RT: 3.58
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
VSTDCCC010
Acq: 1 Feb 2022 10:58

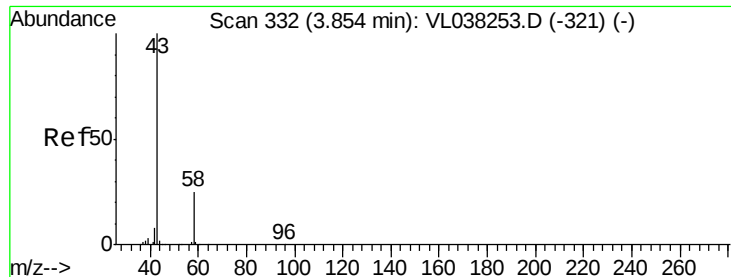
Tgt Ion: 45 Resp: 61452
Ion Ratio Lower Upper
45 100
46 41.8 15.4 61.6



#14
Bromoethene
Concen: 9.349 ppbv
RT: 3.72 min Scan# 289
Delta R.T. -0.03 min
Lab File: VL038317.D
Acq: 1 Feb 2022 10:56

Tgt Ion: 108 Resp: 429117
Ion Ratio Lower Upper
108 100
106 109.9 86.4 129.6
79 17.8 14.1 21.1





#15

Acetone

Concen: 8.576 ppbv

RT: 3.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

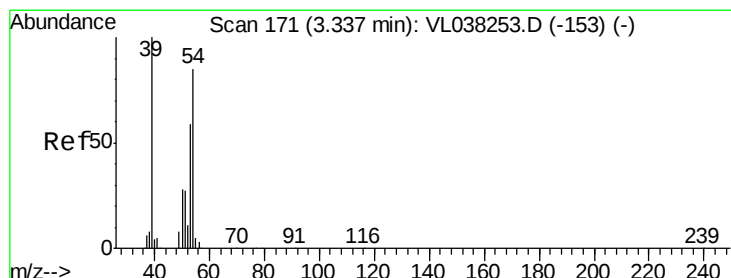
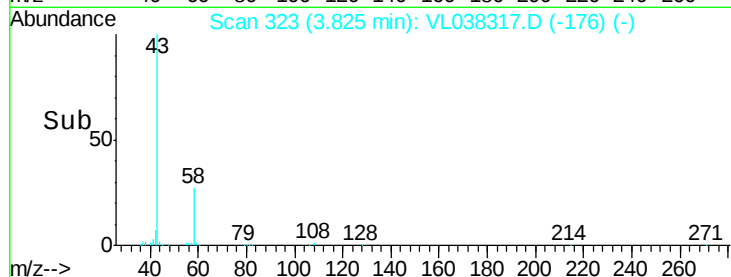
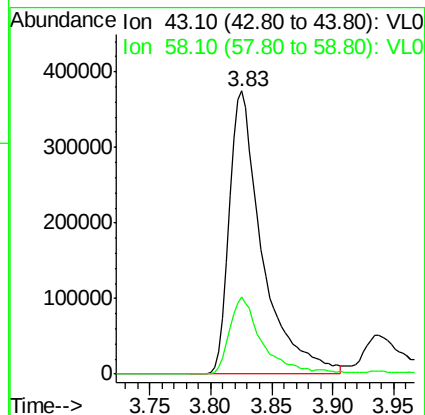
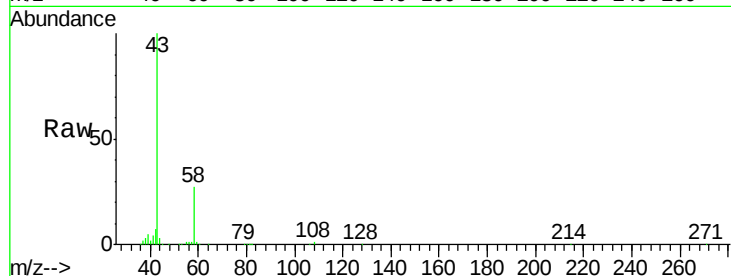
Acq: 1 Feb 2022 10:56

Tgt Ion: 43 Resp: 708409

Ion Ratio Lower Upper

43 100

58 27.1 21.5 32.3



#16

1,3-Butadiene

Concen: 8.770 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.03 min

Lab File: VL038317.D

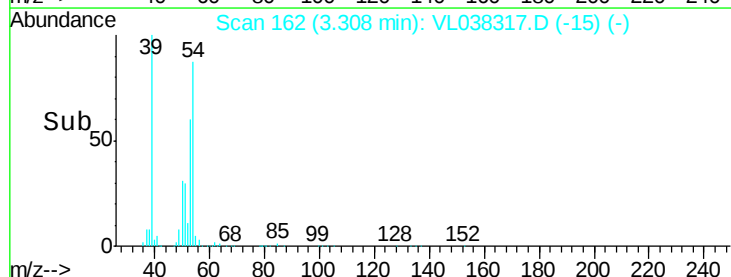
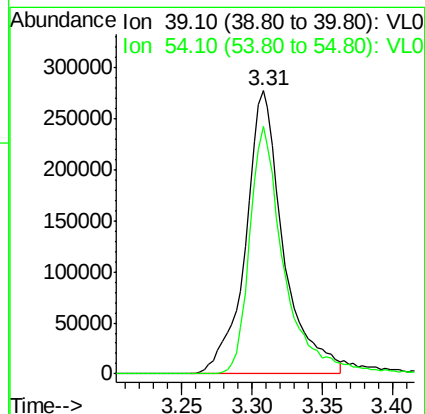
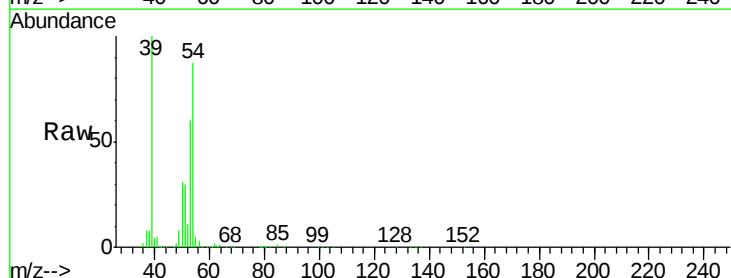
Acq: 1 Feb 2022 10:56

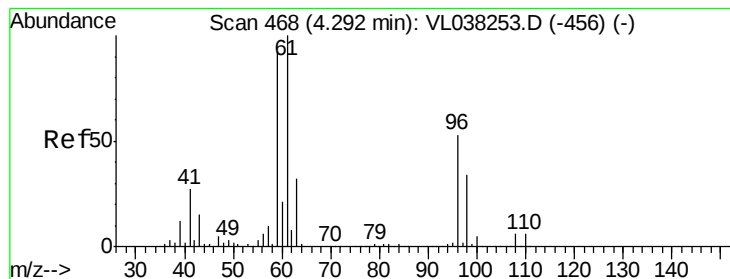
Tgt Ion: 39 Resp: 519814

Ion Ratio Lower Upper

39 100

54 81.0 62.6 94.0





#17

tert-Butyl alcohol

Concen: 8.935 ppbv

RT: 4.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

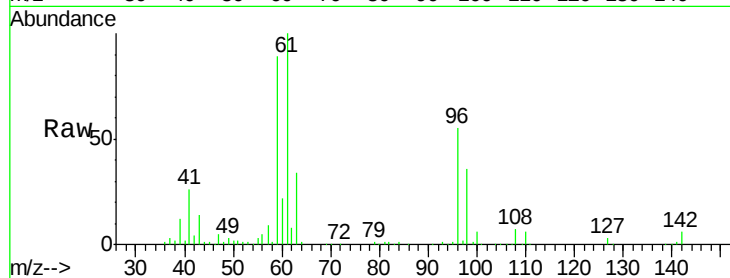
Acq: 1 Feb 2022 10:56

Tgt Ion: 59 Resp: 810014

Ion Ratio Lower Upper

59 100

57 10.7 9.2 13.8



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.26

400000

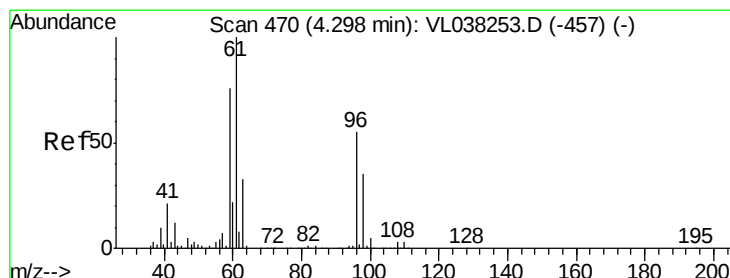
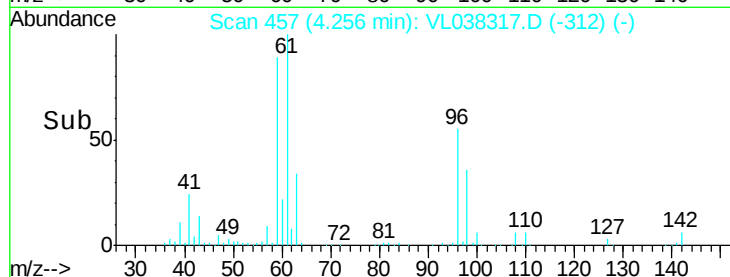
300000

200000

100000

0

Time-->



#18

1,1-Dichloroethene

Concen: 8.963 ppbv

RT: 4.26 min Scan# 459

Delta R.T. -0.04 min

Lab File: VL038317.D

Acq: 1 Feb 2022 10:56

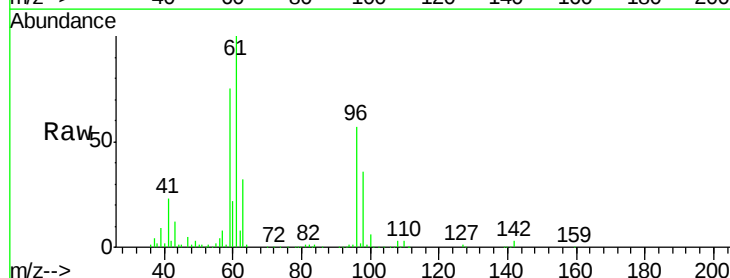
Tgt Ion: 96 Resp: 457846

Ion Ratio Lower Upper

96 100

61 175.5 146.5 219.7

98 63.0 51.9 77.9



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

600000

500000

400000

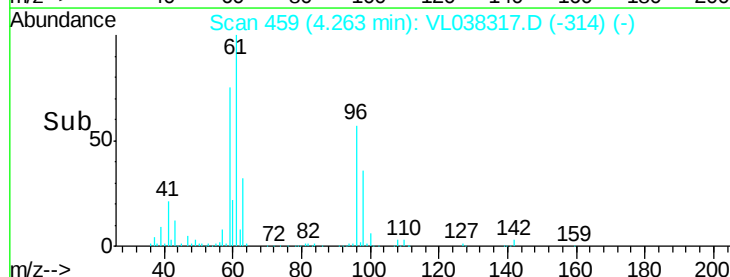
300000

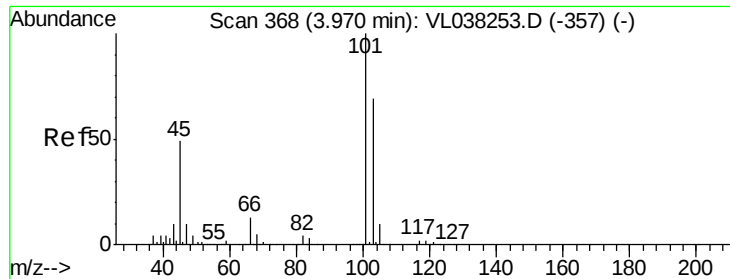
200000

100000

0

Time-->





#19

Isopropyl Alcohol

Concen: 8.926 ppbv

RT: 3.94 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

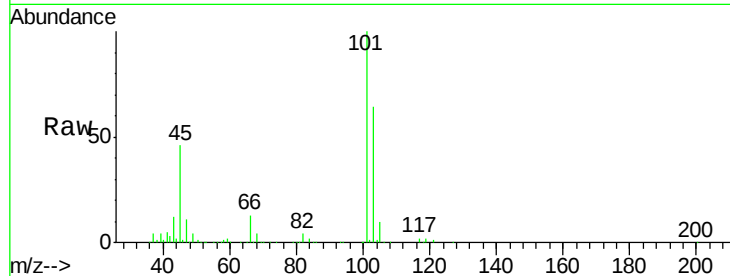
Acq: 1 Feb 2022 10:56 VSTDCCC010

Tgt Ion: 45 Resp: 461244

Ion Ratio Lower Upper

45 100

58 1.9 2.3 3.5#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.94

200000

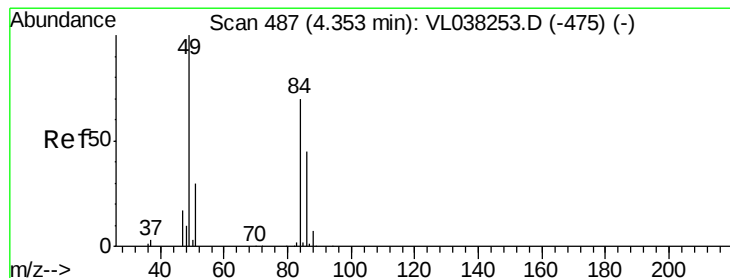
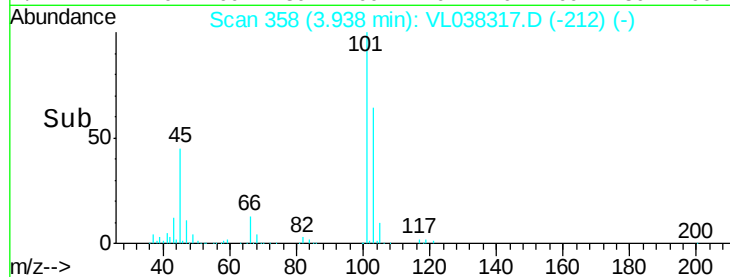
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 8.085 ppbv

RT: 4.31 min Scan# 475

Delta R.T. -0.04 min

Lab File: VL038317.D

Acq: 1 Feb 2022 10:56

Tgt Ion: 84 Resp: 388418

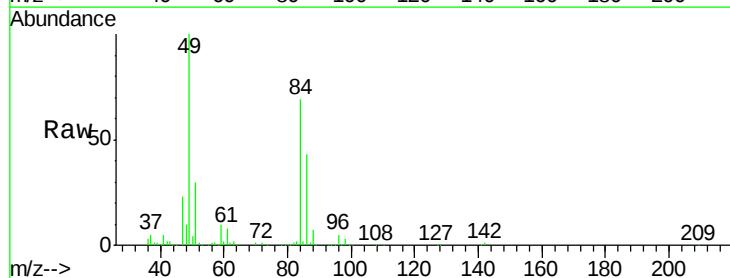
Ion Ratio Lower Upper

84 100

49 141.9 115.0 172.6

51 41.9 35.0 52.6

86 61.5 51.4 77.0



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

4.31

400000

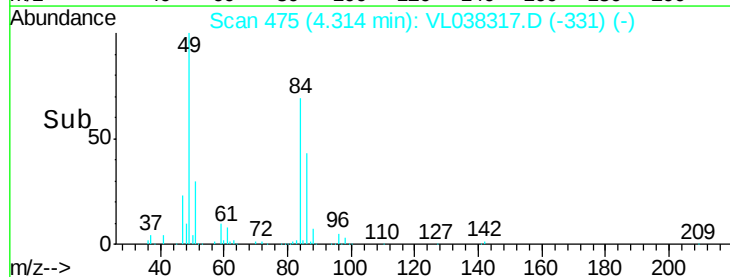
300000

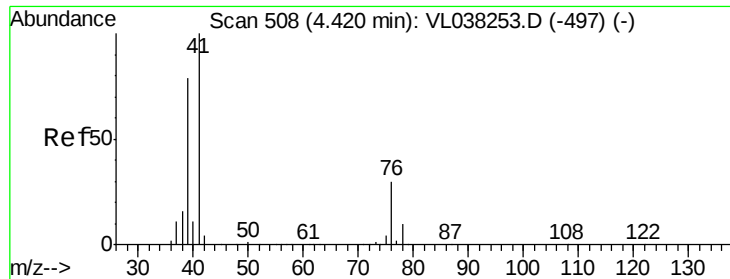
200000

100000

0

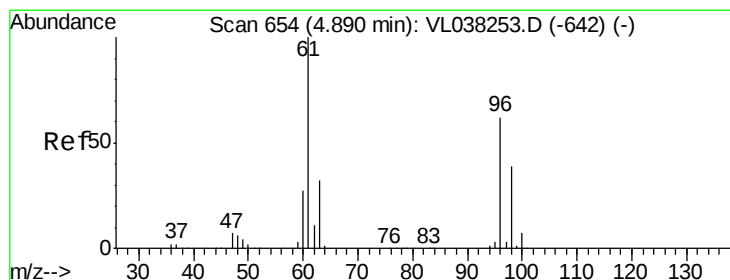
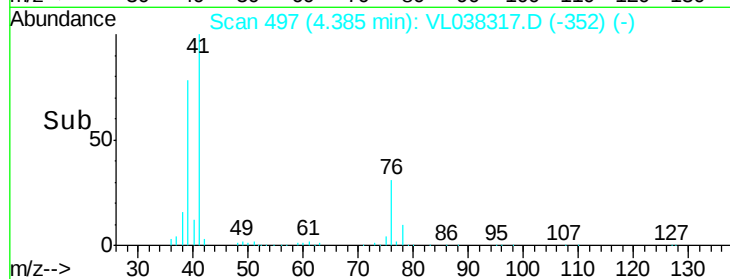
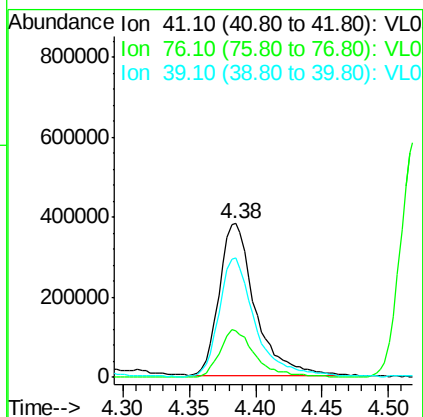
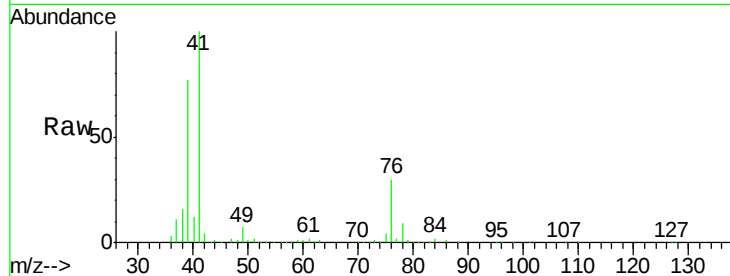
Time-->





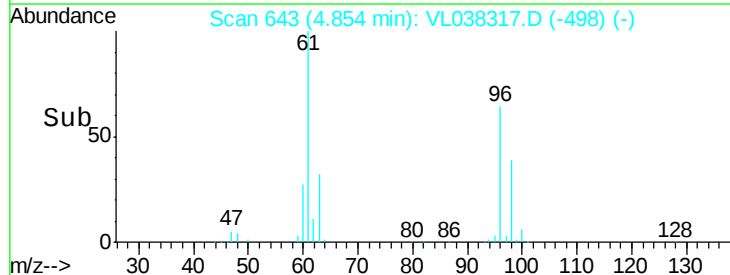
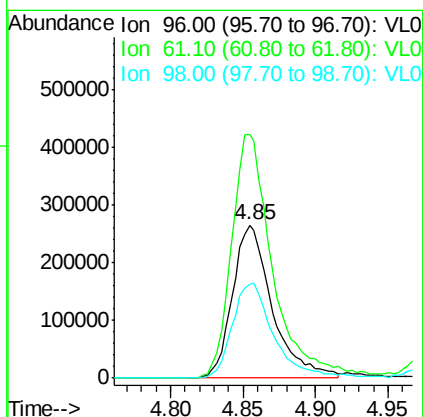
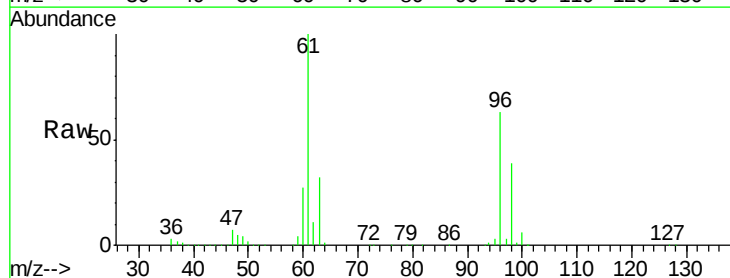
#21
 Allyl Chloride
 Concen: 9.803 ppbv
 RT: 4.38
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Feb 2022 10:56

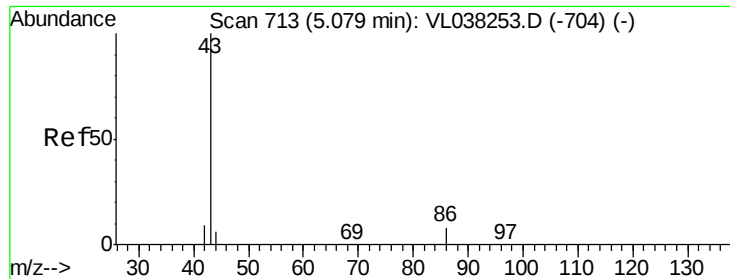
Tgt Ion: 41 Resp: 716415
 Ion Ratio Lower Upper
 41 100
 76 31.5 25.0 37.6
 39 79.4 63.0 94.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.595 ppbv
 RT: 4.85 min Scan# 643
 Delta R.T. -0.04 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

Tgt Ion: 96 Resp: 506400
 Ion Ratio Lower Upper
 96 100
 61 158.6 128.8 193.2
 98 61.4 49.8 74.8

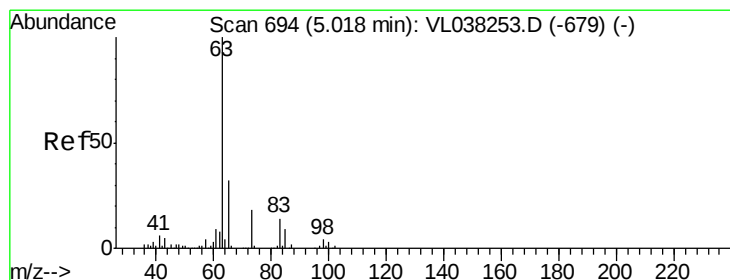
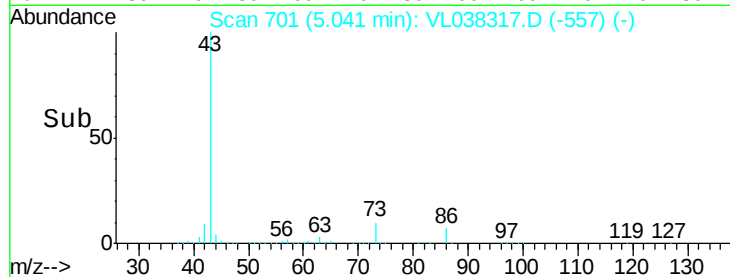
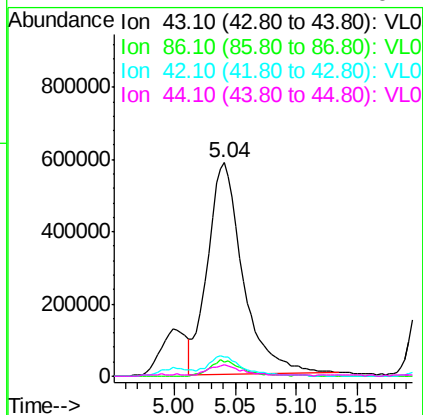
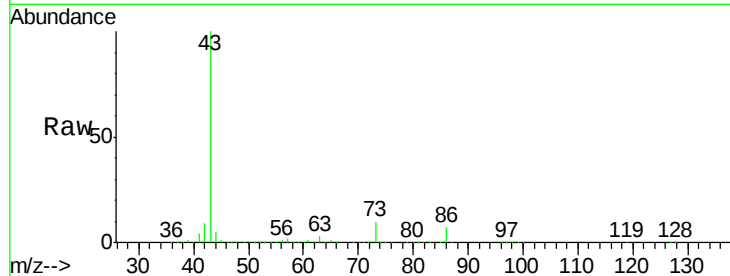




#23
 Vinyl Acetate
 Concen: 9.951 ppbv
 RT: 5.04
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Feb 2022 10:56

Tgt Ion: 43 Resp: 1195084

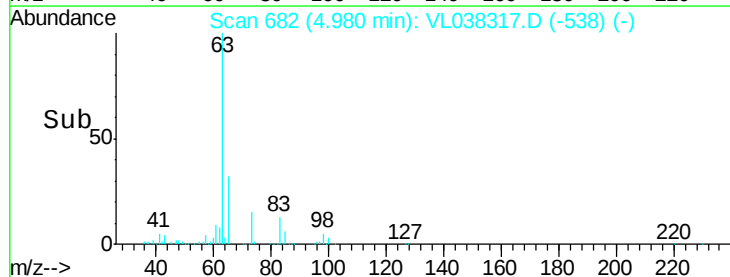
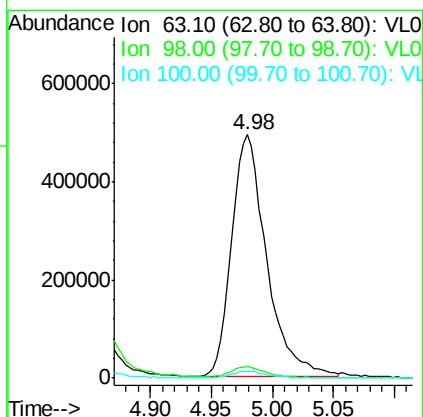
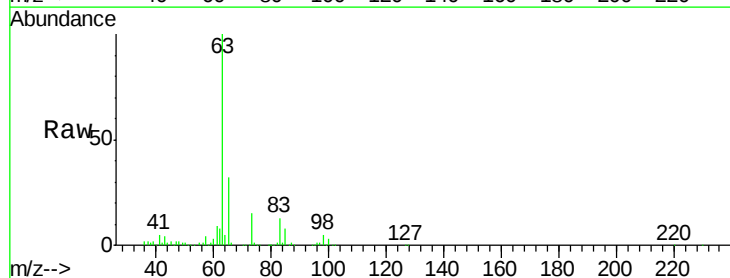
Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.7	8.5
42	8.7	7.7	11.5
44	4.7	4.2	6.4

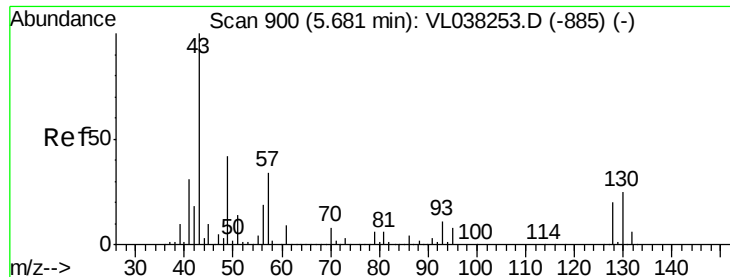


#24
 1,1-Dichloroethane
 Concen: 9.222 ppbv
 RT: 4.98 min Scan# 682
 Delta R.T. -0.04 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

Tgt Ion: 63 Resp: 986663

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.8
100	2.6	1.3	3.9

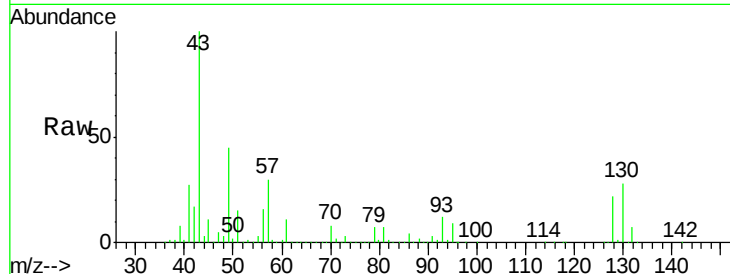




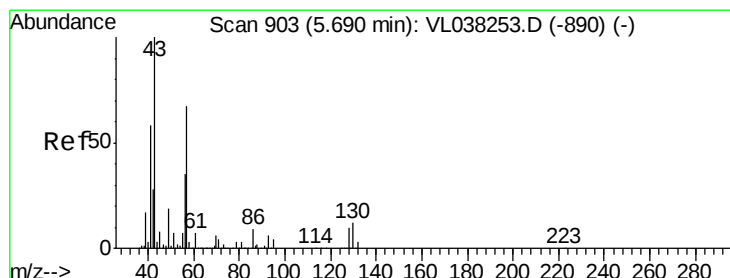
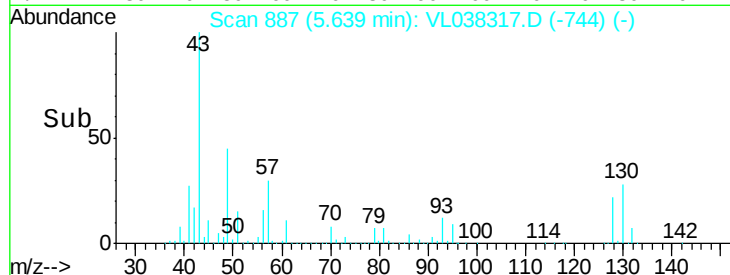
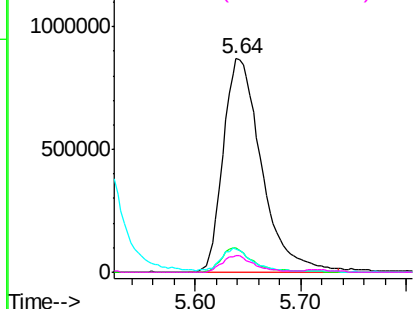
#25
Ethyl Acetate
Concen: 9.452 ppbv
RT: 5.64
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 1 Feb 2022 10:50

Tgt Ion: 43 Resp: 2185898

Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.9	11.9
61	9.8	7.8	11.8
70	6.5	5.4	8.0



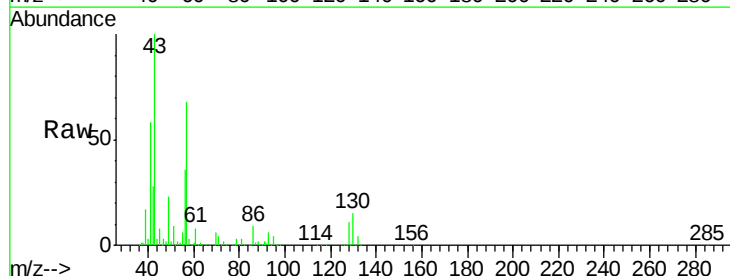
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0



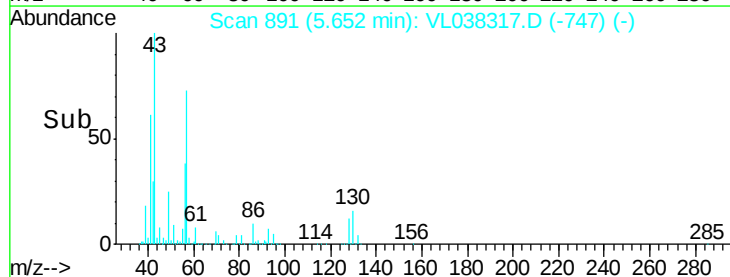
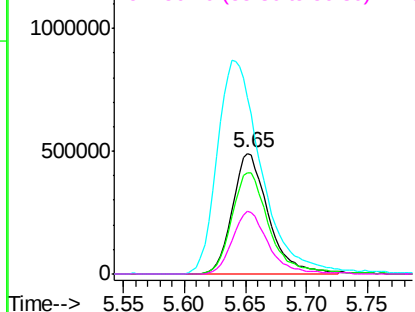
#26
Hexane
Concen: 9.321 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.04 min
Lab File: VL038317.D
Acq: 1 Feb 2022 10:56

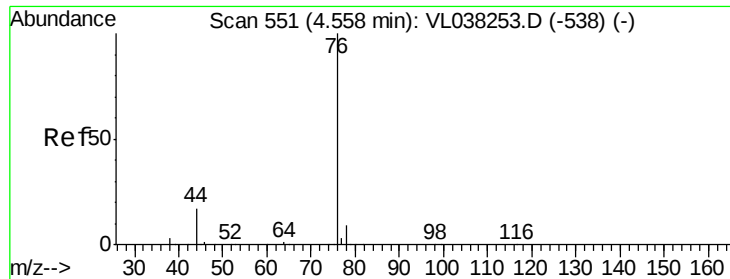
Tgt Ion: 57 Resp: 1002670

Ion	Ratio	Lower	Upper
57	100		
41	88.4	72.8	109.2
43	221.6	177.0	265.6
56	52.9	43.3	64.9



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: 9.648 ppbv

RT: 4.52 Instrument: MSVOA_1

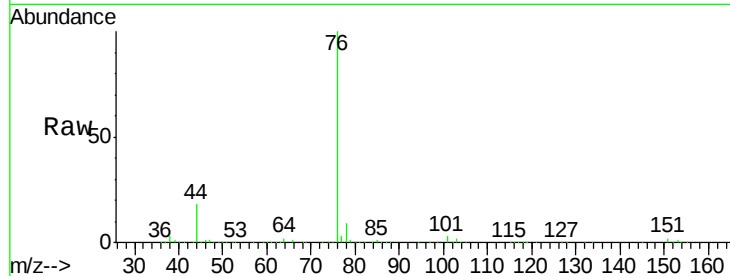
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

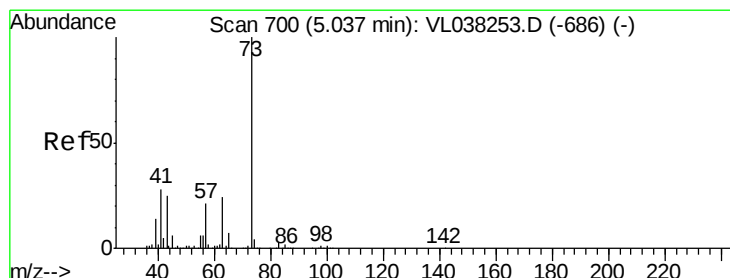
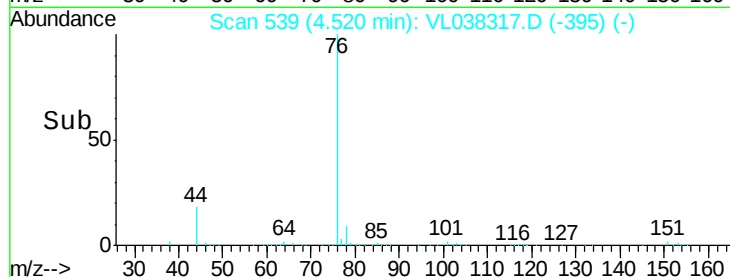
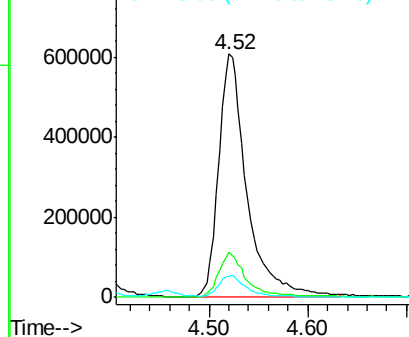
Acq: 1 Feb 2022 10:58

Tgt Ion: 76 Resp: 1214170

Ion	Ratio	Lower	Upper
76	100		
44	17.7	14.8	22.2
78	9.6	7.9	11.9



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.795 ppbv

RT: 5.00 min Scan# 689

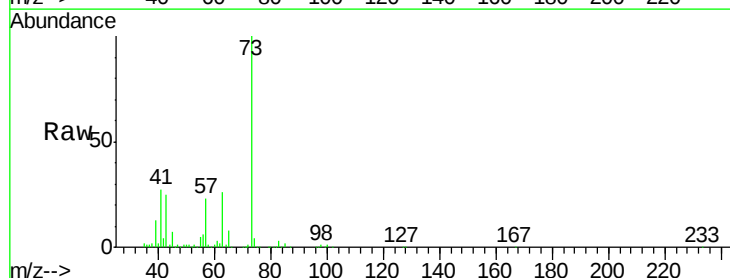
Delta R.T. -0.04 min

Lab File: VL038317.D

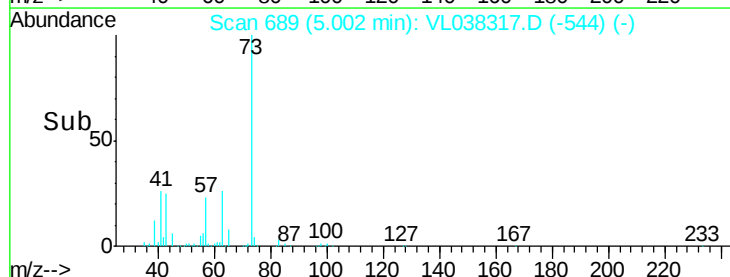
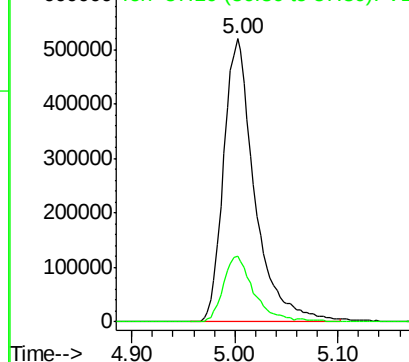
Acq: 1 Feb 2022 10:56

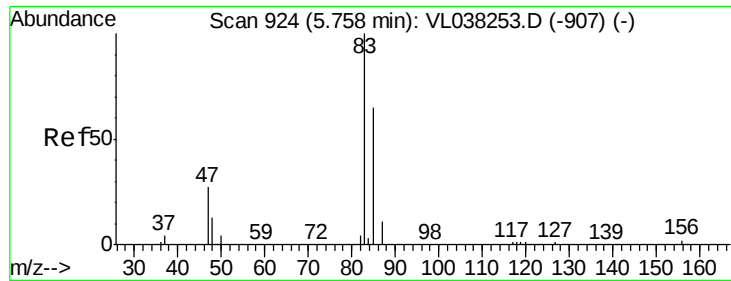
Tgt Ion: 73 Resp: 1092953

Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.2	27.4



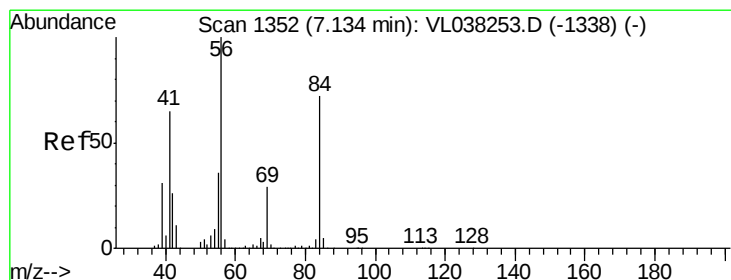
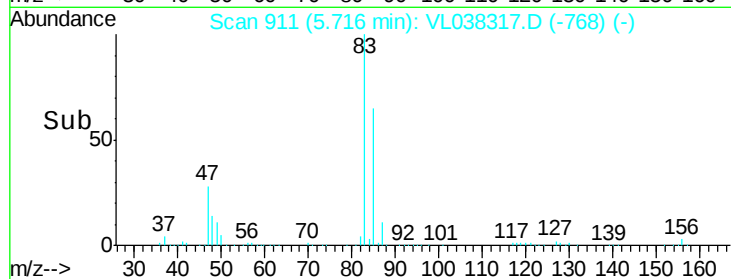
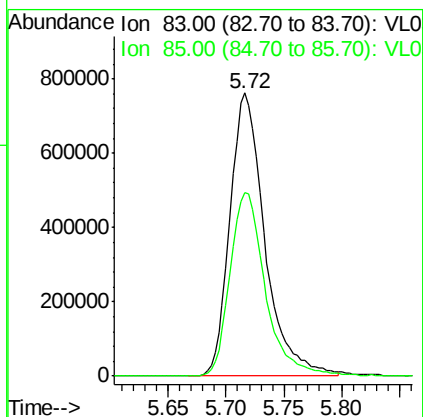
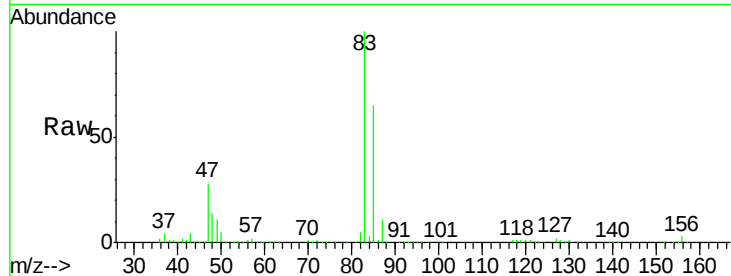
Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





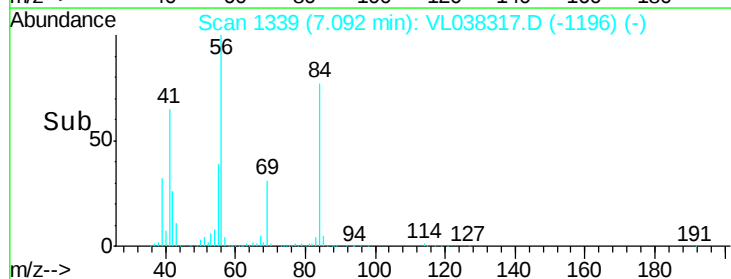
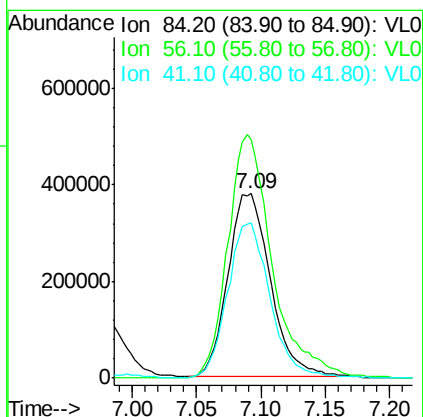
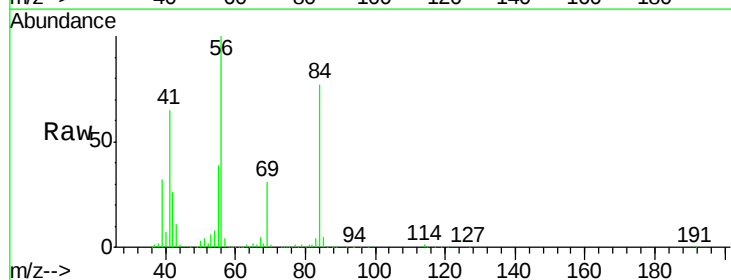
#29
Chloroform
Concen: 9.039 ppbv
RT: 5.72
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Feb 2022 10:56

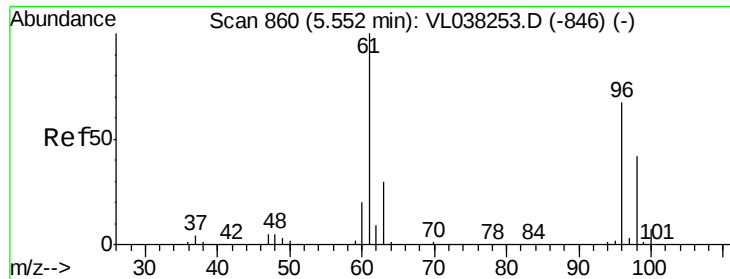
Tgt Ion: 83 Resp: 1587169
Ion Ratio Lower Upper
83 100
85 64.5 51.9 77.9



#30
Cyclohexane
Concen: 9.219 ppbv
RT: 7.09 min Scan# 1339
Delta R.T. -0.04 min
Lab File: VL038317.D
Acq: 1 Feb 2022 10:56

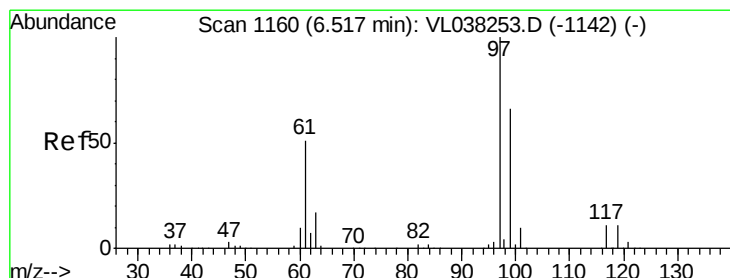
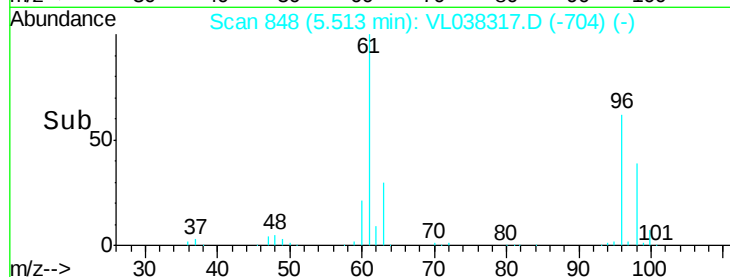
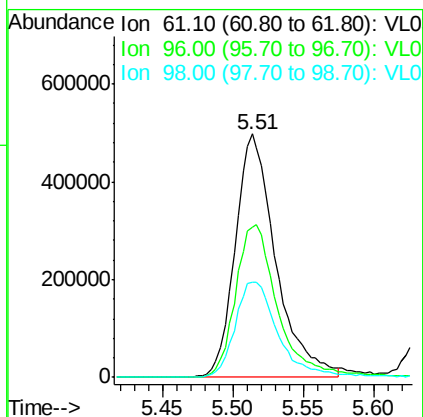
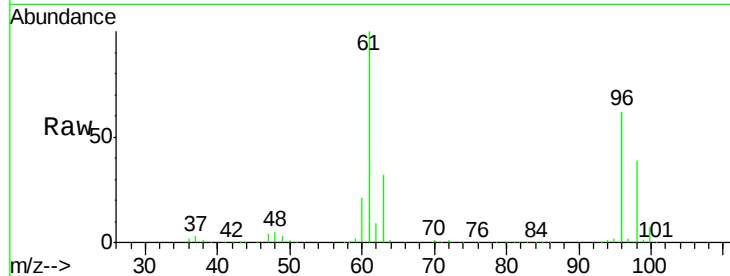
Tgt Ion: 84 Resp: 863407
Ion Ratio Lower Upper
84 100
56 140.8 112.7 169.1
41 86.2 71.1 106.7





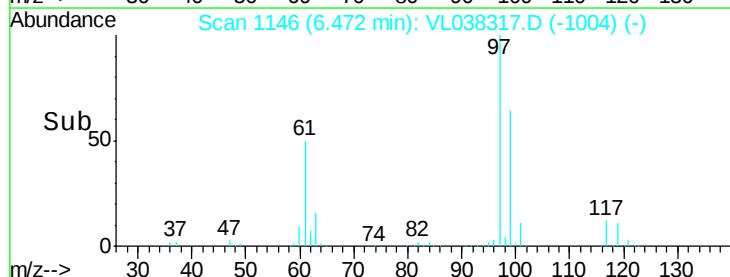
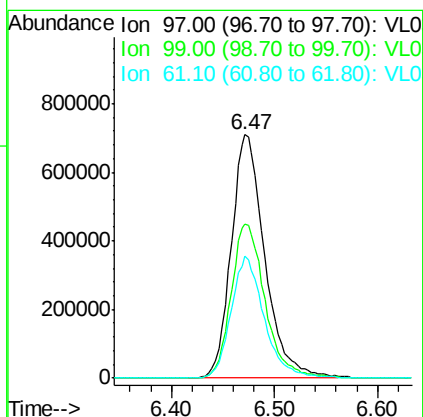
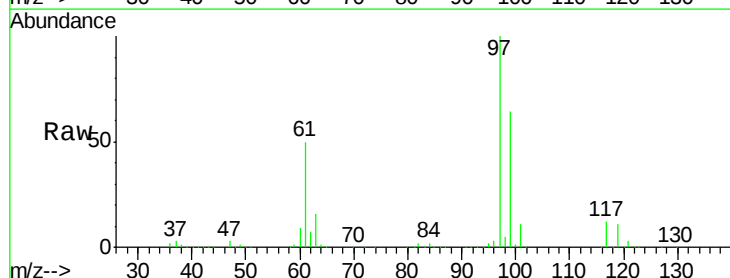
#31
 cis-1,2-Dichloroethene
 Concen: 10.637 ppbv
 RT: 5.51
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Feb 2022 10:50

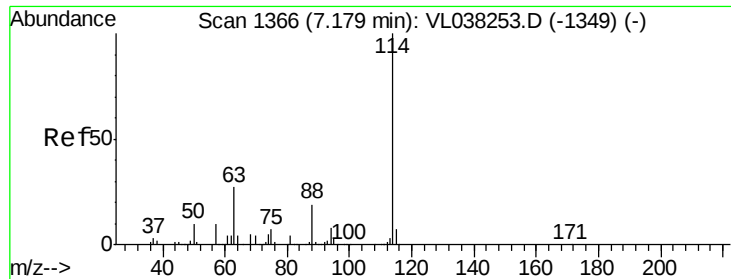
Tgt Ion: 61 Resp: 998064
 Ion Ratio Lower Upper
 61 100
 96 61.9 53.3 79.9
 98 39.0 33.7 50.5



#32
 1,1,1-Trichloroethane
 Concen: 9.153 ppbv
 RT: 6.47 min Scan# 1146
 Delta R.T. -0.04 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

Tgt Ion: 97 Resp: 1605149
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.5 77.3
 61 49.6 40.5 60.7

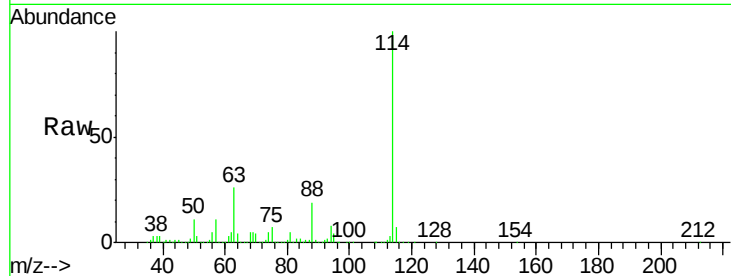




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.13
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Feb 2022 10:50

Tgt Ion: 114 Resp: 2642722

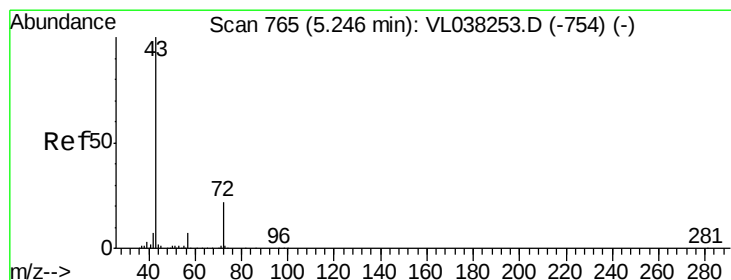
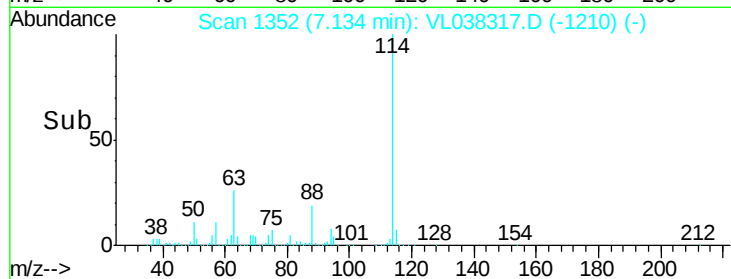
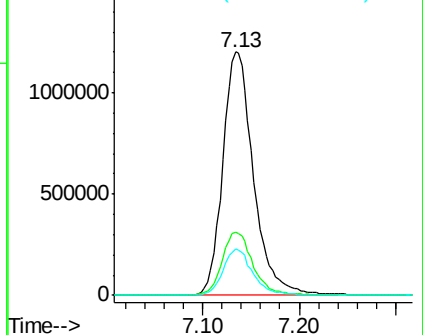
Ion	Ratio	Lower	Upper
114	100		
63	26.5	22.0	33.0
88	18.5	15.0	22.6



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

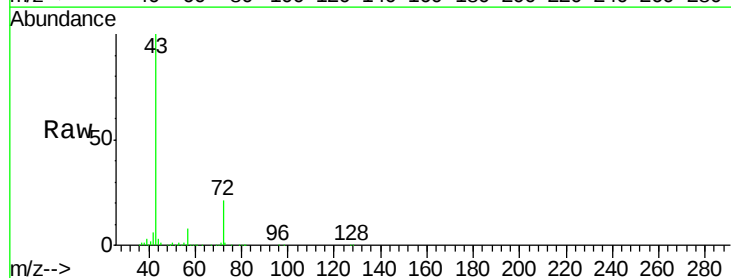
Ion 88.10 (87.80 to 88.80): VL0



#34
 2-Butanone
 Concen: 8.927 ppbv
 RT: 5.21 min Scan# 753
 Delta R.T. -0.04 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

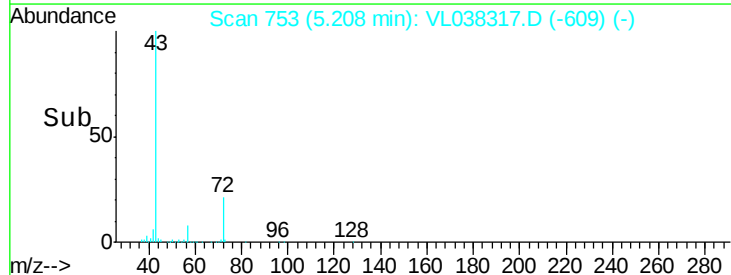
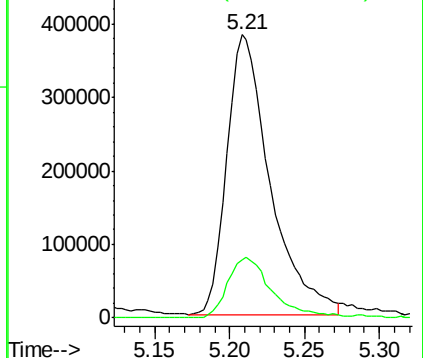
Tgt Ion: 43 Resp: 771452

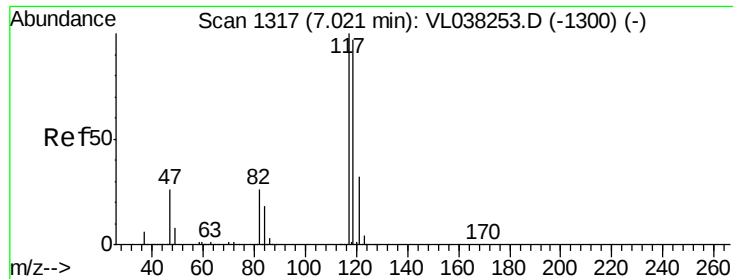
Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.1	27.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

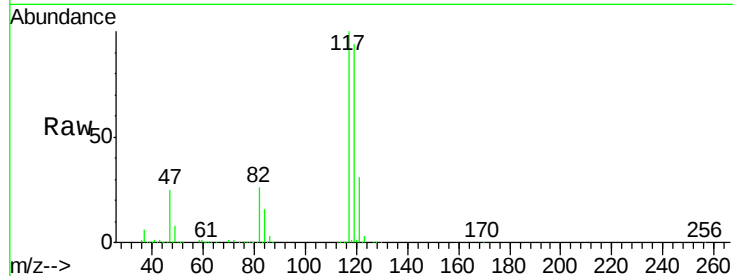




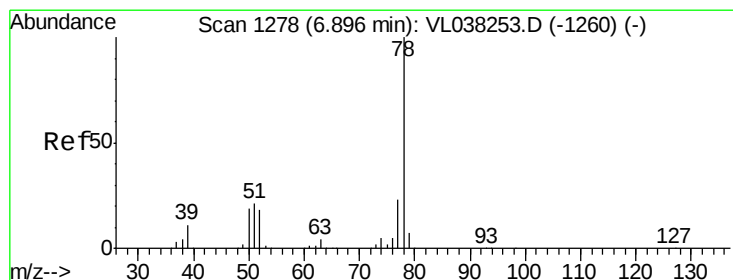
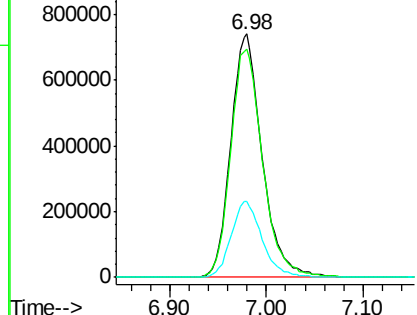
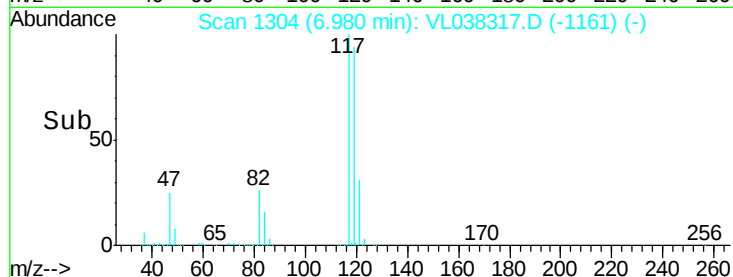
#35
 Carbon Tetrachloride
 Concen: 8.963 ppbv
 RT: 6.98
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Feb 2022 10:56

Tgt Ion: 117 Resp: 1662652

Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.9	116.9
121	31.3	25.4	38.2



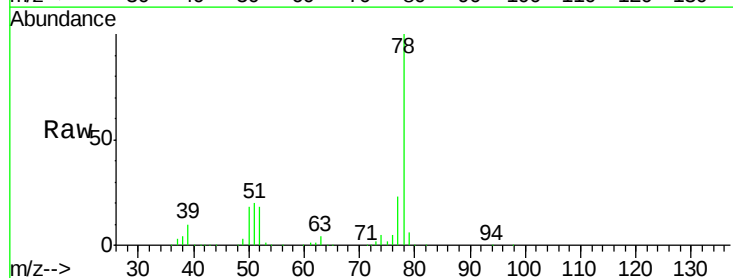
Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V
 Ion 121.00 (120.70 to 121.70): V



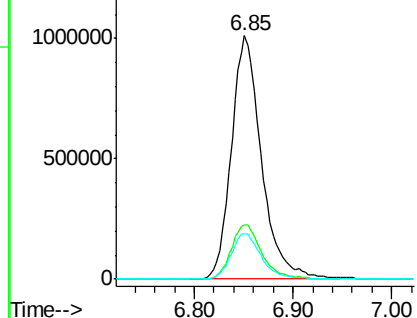
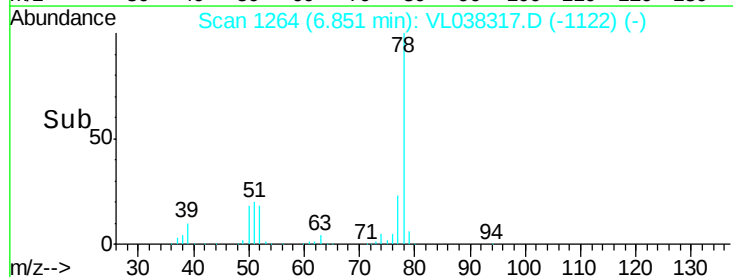
#36
 Benzene
 Concen: 9.210 ppbv
 RT: 6.85 min Scan# 1264
 Delta R.T. -0.04 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

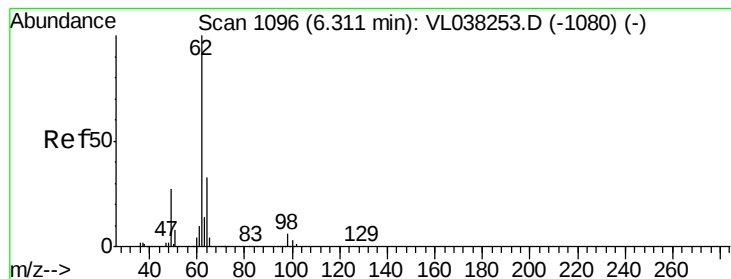
Tgt Ion: 78 Resp: 2152940

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.2	27.2
50	18.3	15.1	22.7



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: 9.043 ppbv

RT: 6.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

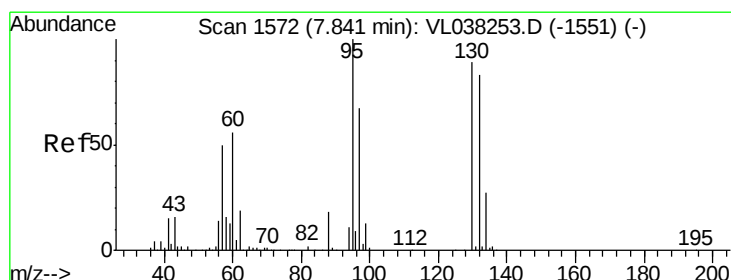
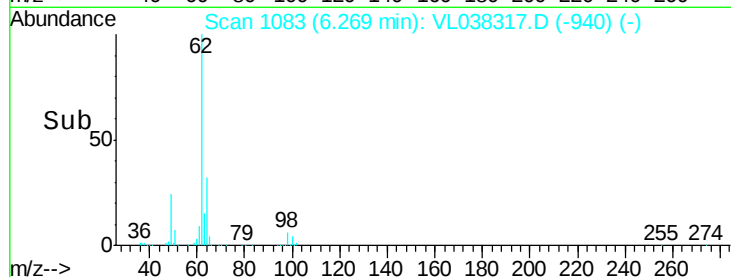
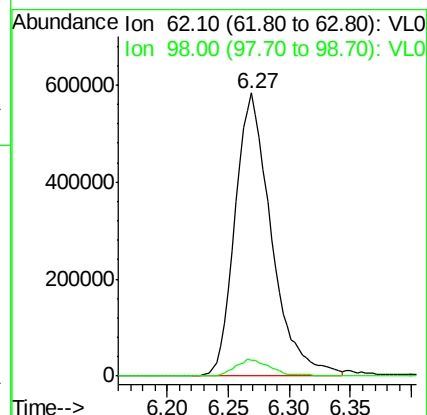
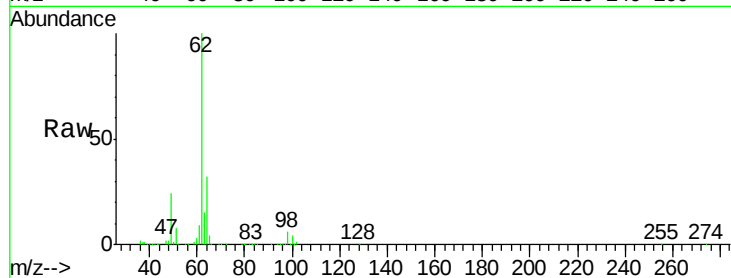
Acq: 1 Feb 2022 10:50 VSTDCCC010

Tgt Ion: 62 Resp: 1210790

Ion Ratio Lower Upper

62 100

98 6.1 4.5 6.7



#38

Trichloroethene

Concen: 8.957 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VL038317.D

Acq: 1 Feb 2022 10:56

Tgt Ion: 130 Resp: 779939

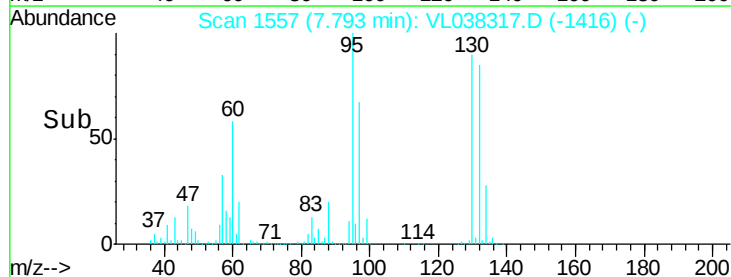
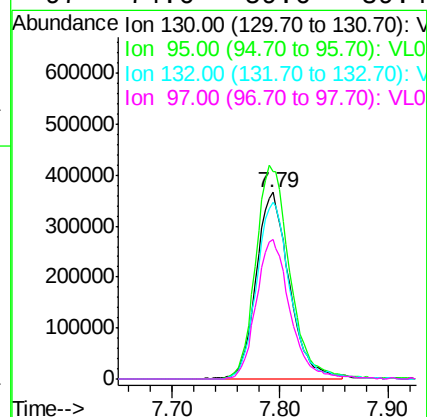
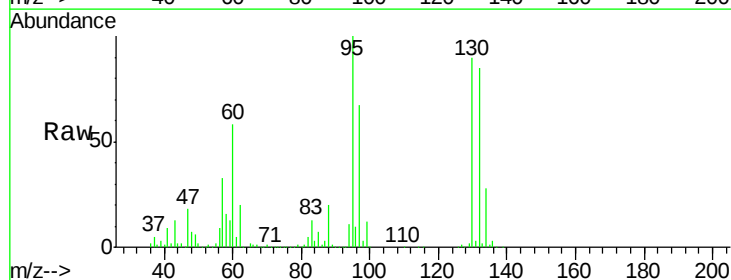
Ion Ratio Lower Upper

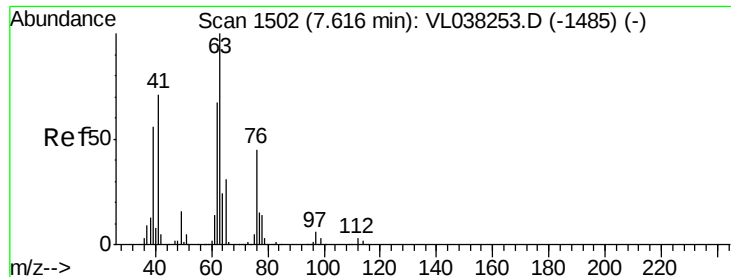
130 100

95 111.4 89.4 134.2

132 95.0 74.6 111.8

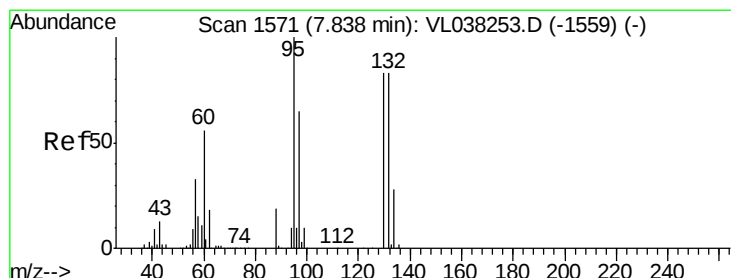
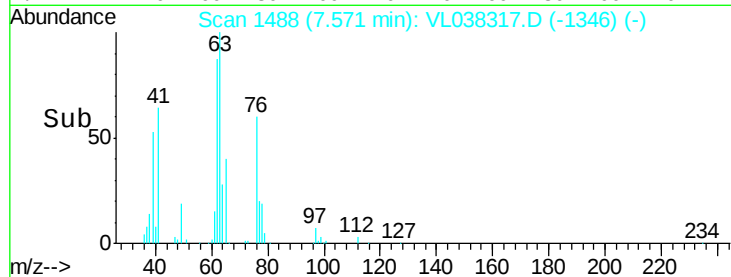
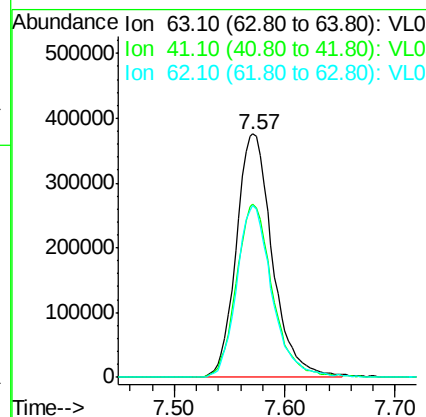
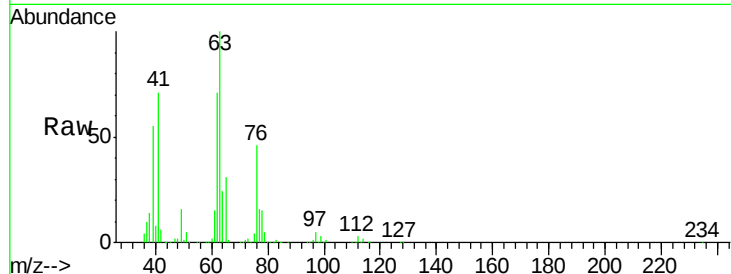
97 74.6 59.6 89.4





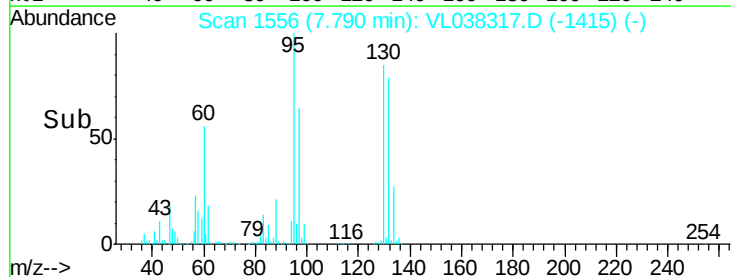
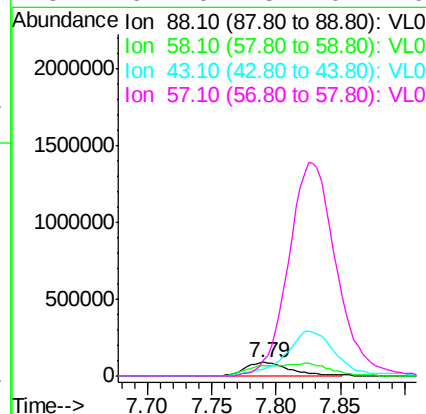
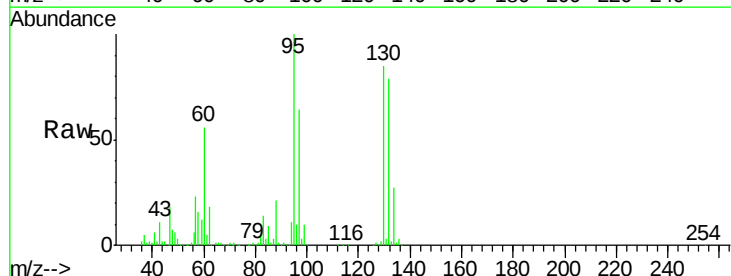
#39
 1,2-Dichloropropane
 Concen: 8.980 ppbv
 RT: 7.57
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Feb 2022 10:50

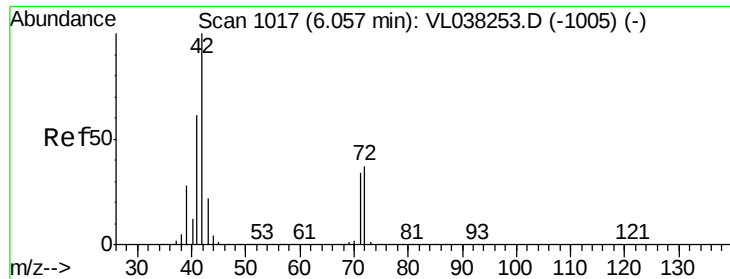
Tgt Ion: 63 Resp: 851029
 Ion Ratio Lower Upper
 63 100
 41 71.3 56.6 85.0
 62 70.6 53.9 80.9



#40
 1,4-Dioxane
 Concen: 9.394 ppbv
 RT: 7.79 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

Tgt Ion: 88 Resp: 214289
 Ion Ratio Lower Upper
 88 100
 58 151.7 138.6 208.0
 43 376.9 346.9 520.3
 57 1672.6 1527.9 2291.9





#41

Tetrahydrofuran

Concen: 9.509 ppbv

RT: 6.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Feb 2022 10:56 VSTDCCC010

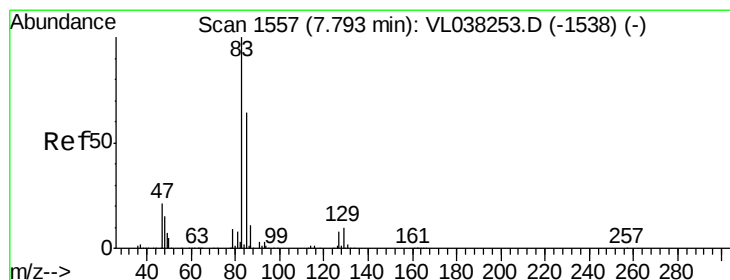
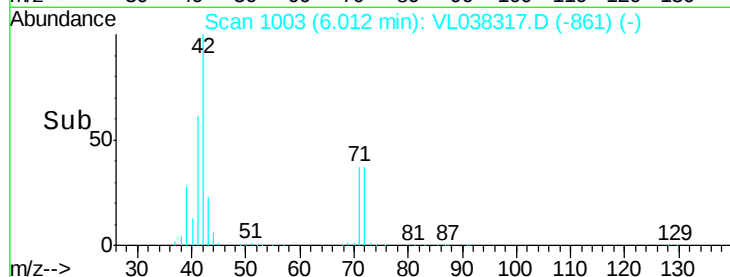
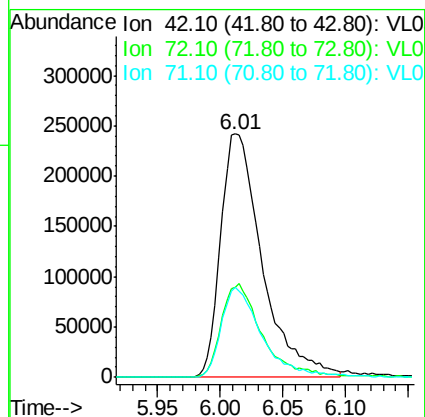
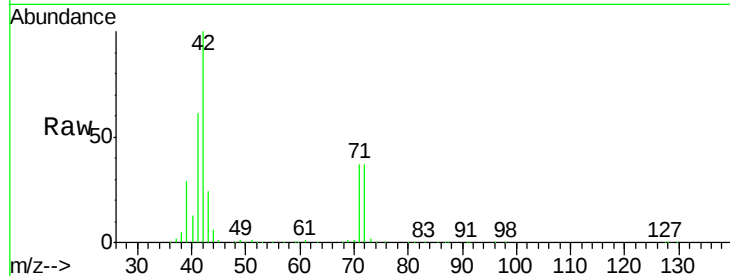
Tgt Ion: 42 Resp: 552426

Ion Ratio Lower Upper

42 100

72 39.1 29.7 44.5

71 36.7 29.4 44.2



#42

Bromodichloromethane

Concen: 9.003 ppbv

RT: 7.75 min Scan# 1543

Delta R.T. -0.04 min

Lab File: VL038317.D

Acq: 1 Feb 2022 10:56

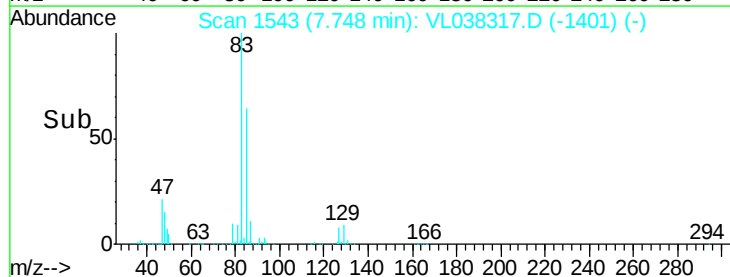
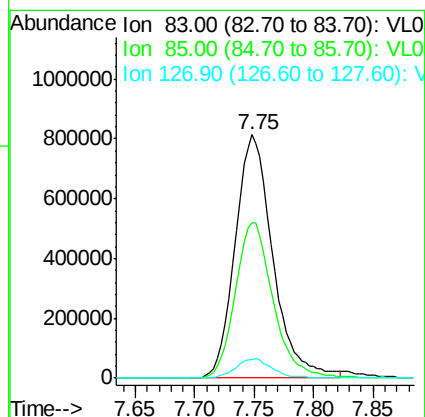
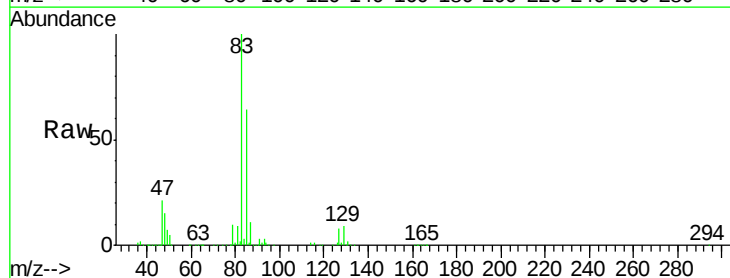
Tgt Ion: 83 Resp: 1788504

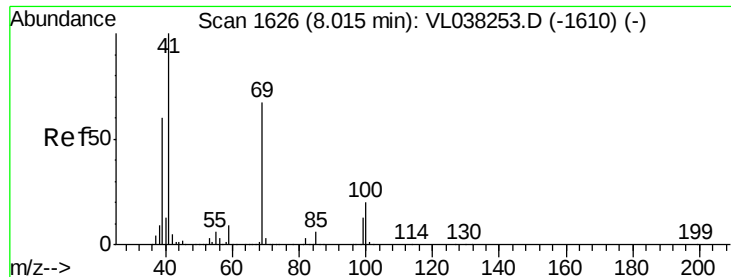
Ion Ratio Lower Upper

83 100

85 63.8 51.5 77.3

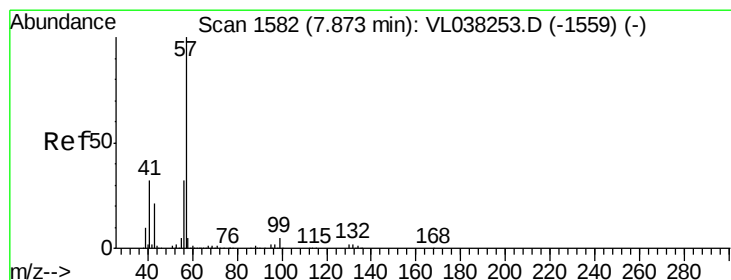
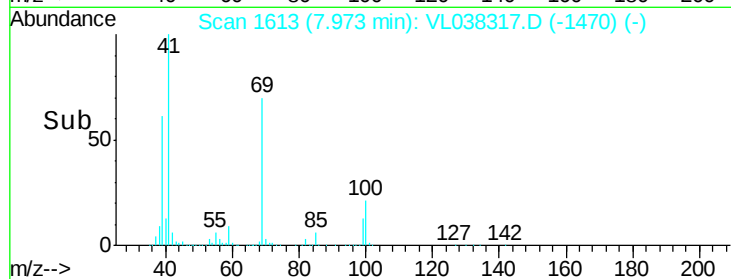
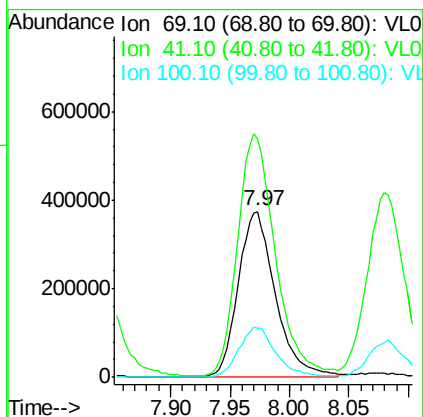
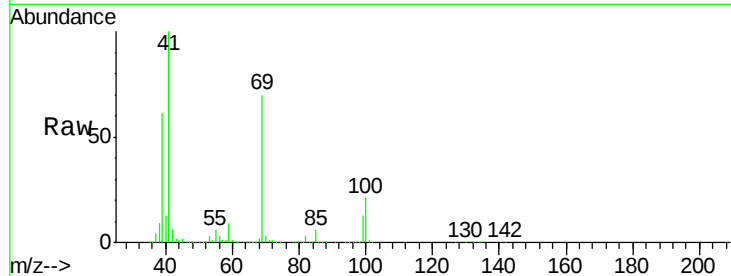
127 7.7 6.2 9.4





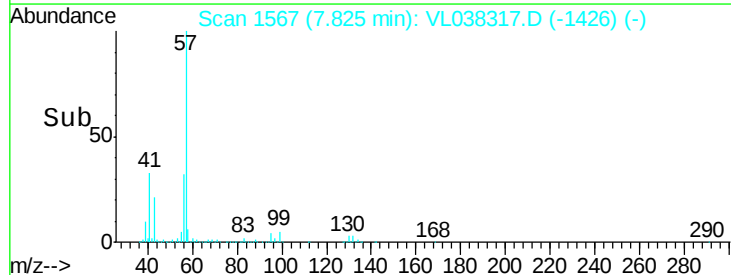
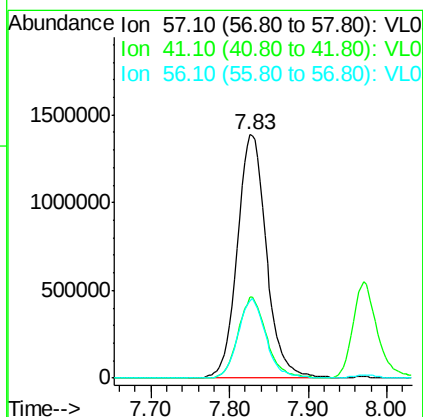
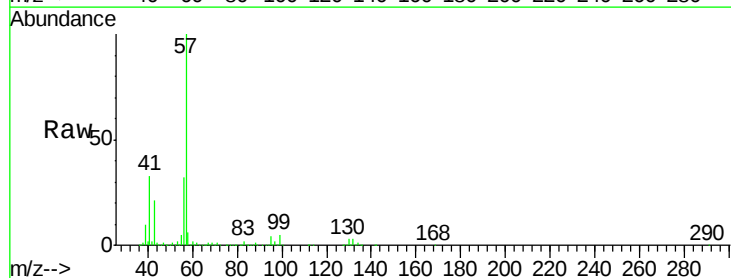
#43
Methyl Methacrylate
Concen: 9.792 ppbv
RT: 7.97
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 1 Feb 2022 10:50

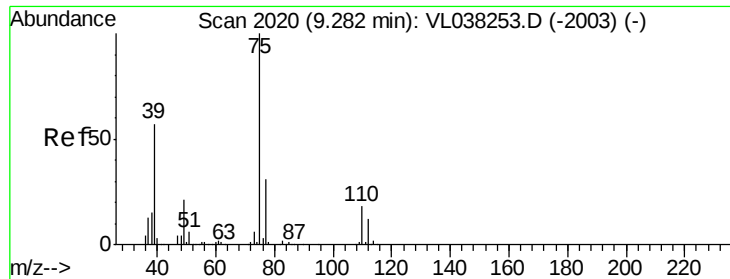
Tgt Ion: 69 Resp: 809646
Ion Ratio Lower Upper
69 100
41 150.7 120.9 181.3
100 30.5 23.4 35.0



#44
2,2,4-Trimethylpentane
Concen: 8.701 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.05 min
Lab File: VL038317.D
Acq: 1 Feb 2022 10:56

Tgt Ion: 57 Resp: 3584331
Ion Ratio Lower Upper
57 100
41 32.5 26.3 39.5
56 31.3 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 10.711 ppbv

RT: 9.23 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

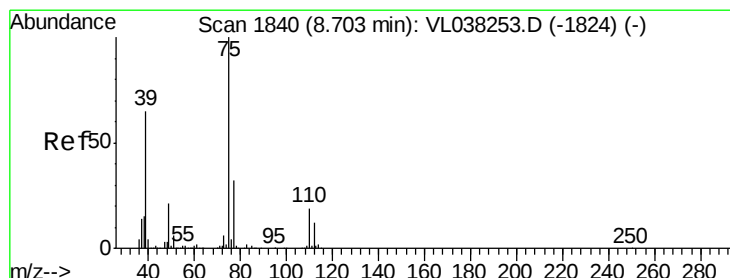
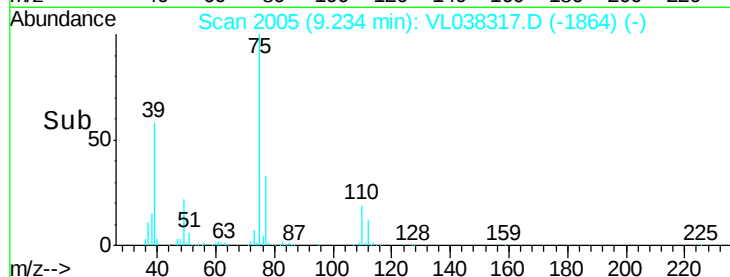
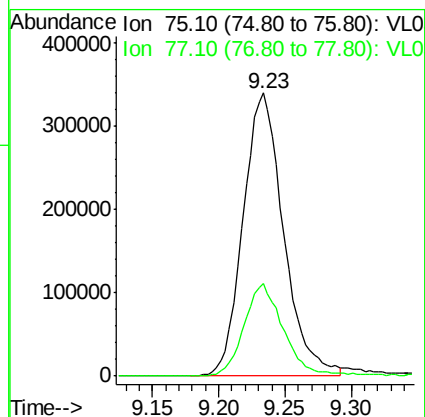
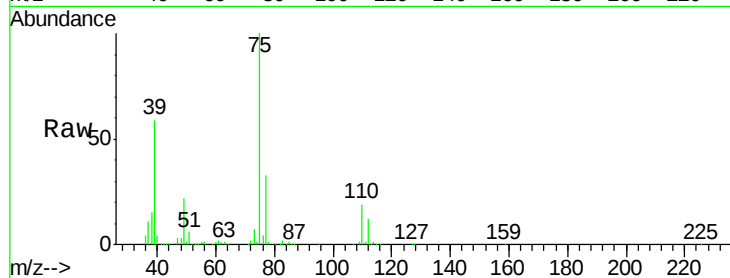
Acq: 1 Feb 2022 10:56 VSTDCCC010

Tgt Ion: 75 Resp: 719563

Ion Ratio Lower Upper

75 100

77 32.6 24.9 37.3



#46

cis-1,3-Dichloropropene

Concen: 10.149 ppbv

RT: 8.66 min Scan# 1826

Delta R.T. -0.04 min

Lab File: VL038317.D

Acq: 1 Feb 2022 10:56

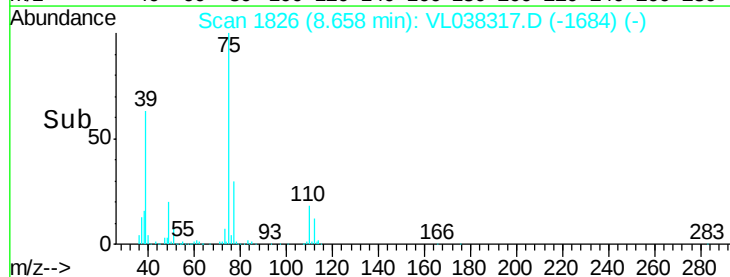
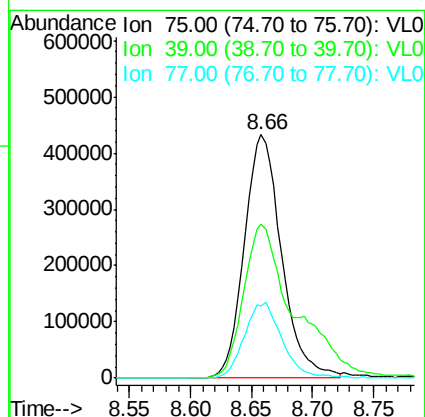
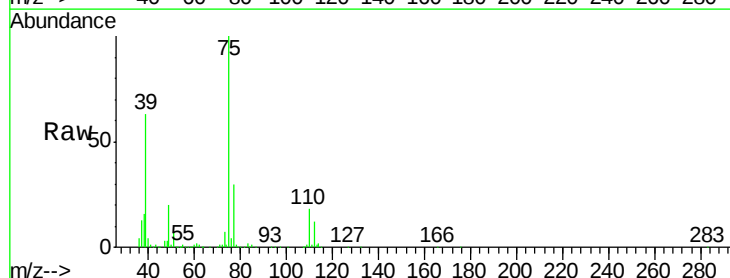
Tgt Ion: 75 Resp: 909712

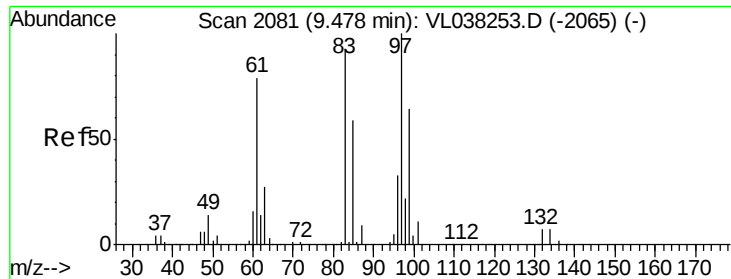
Ion Ratio Lower Upper

75 100

39 63.1 52.3 78.5

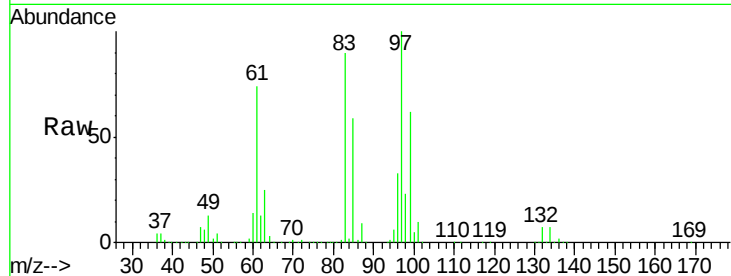
77 29.8 25.4 38.0



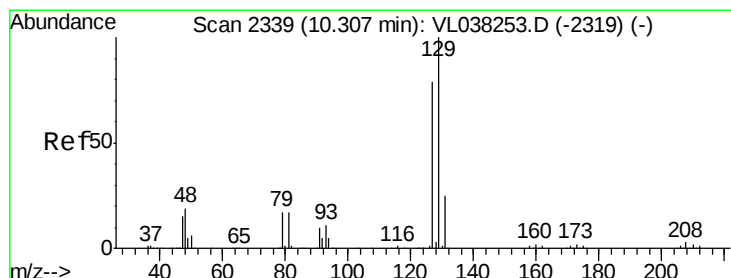
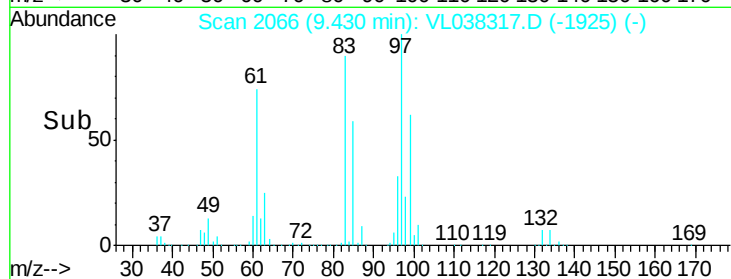
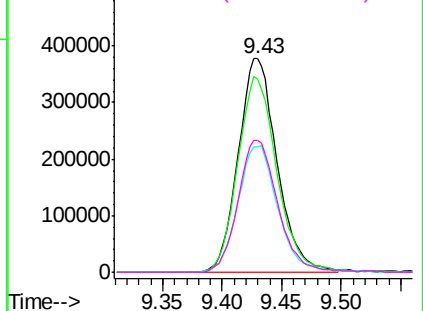


#47
 1,1,2-Trichloroethane
 Concen: 9.161 ppbv
 RT: 9.43
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Feb 2022 10:56

Tgt Ion:	97	Resp:	853114
Ion	Ratio	Lower	Upper
97	100		
83	90.2	74.3	111.5
85	58.9	47.5	71.3
99	61.7	51.1	76.7

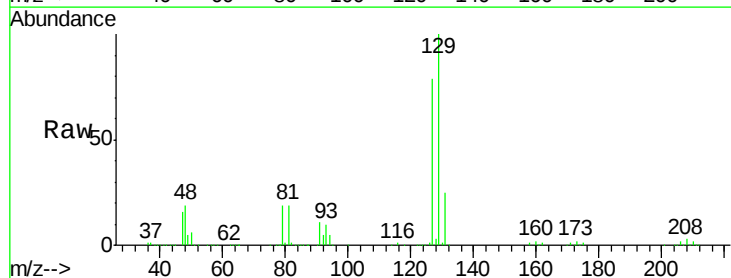


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

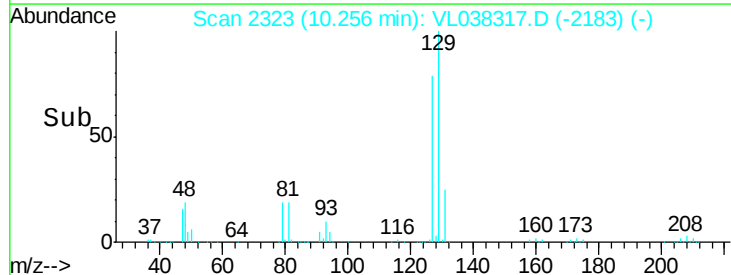
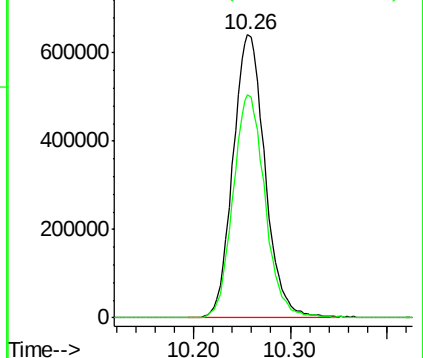


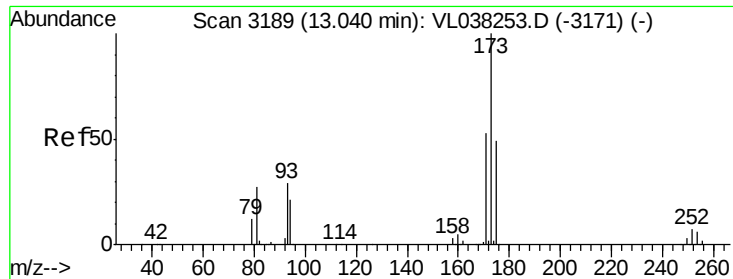
#48
 Dibromochloromethane
 Concen: 9.403 ppbv
 RT: 10.26 min Scan# 2323
 Delta R.T. -0.05 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

Tgt Ion:	129	Resp:	1474108
Ion	Ratio	Lower	Upper
129	100		
127	79.2	39.1	117.3



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.016 ppbv

RT: 12.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDCCC010

Acq: 1 Feb 2022 10:50

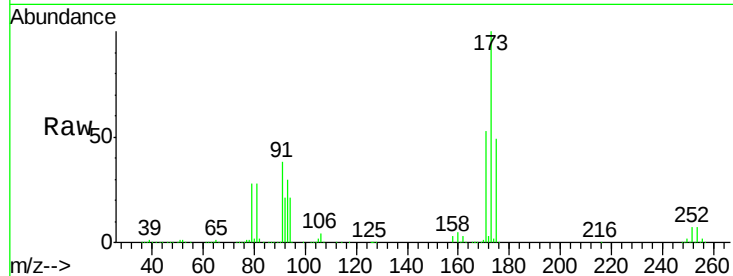
Tgt Ion: 173 Resp: 1132095

Ion Ratio Lower Upper

173 100

175 49.3 39.7 59.5

171 52.4 42.1 63.1

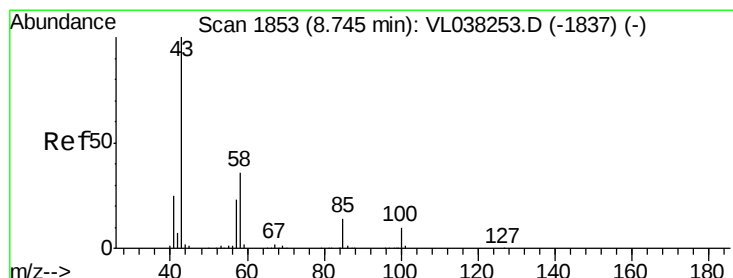
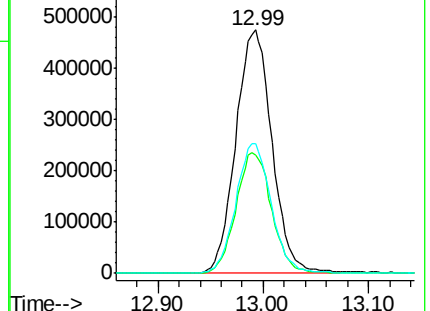
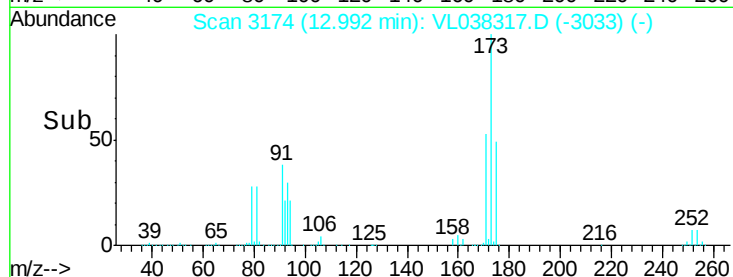


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V

12.99



#50

4-Methyl-2-Pentanone

Concen: 9.241 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. -0.05 min

Lab File: VL038317.D

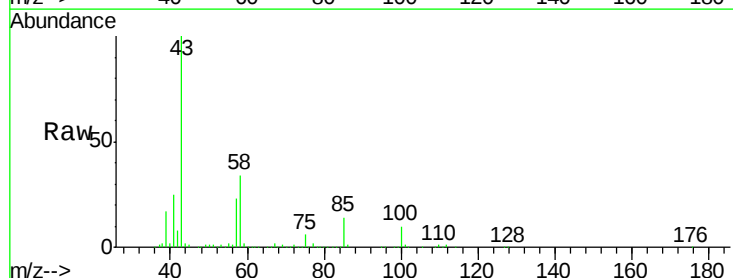
Acq: 1 Feb 2022 10:56

Tgt Ion: 43 Resp: 1424784

Ion Ratio Lower Upper

43 100

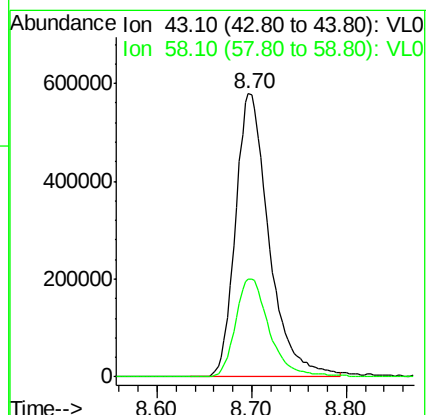
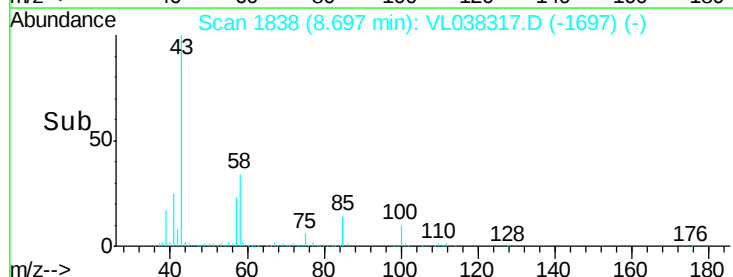
58 35.4 28.2 42.4

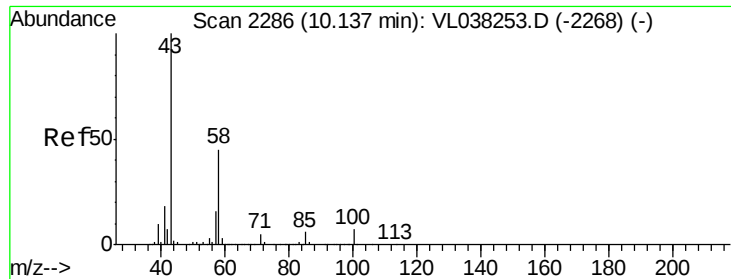


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

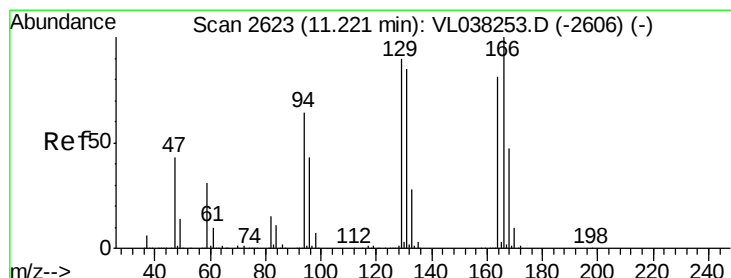
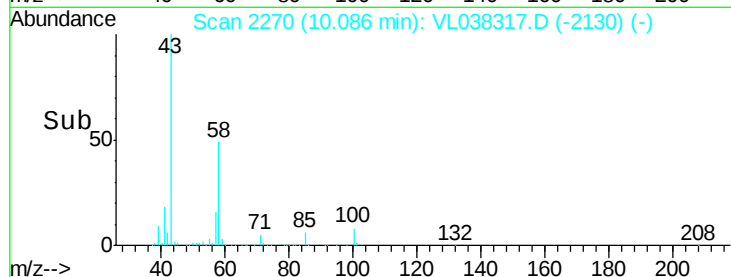
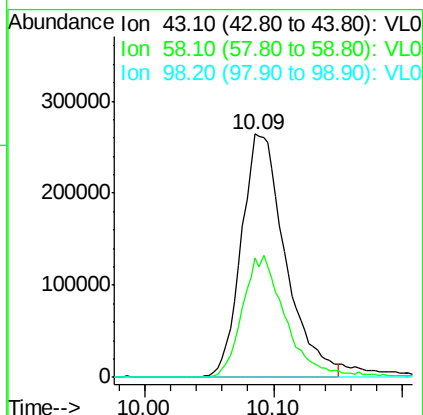
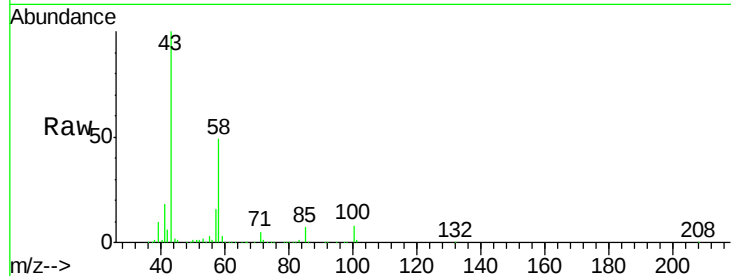
8.70





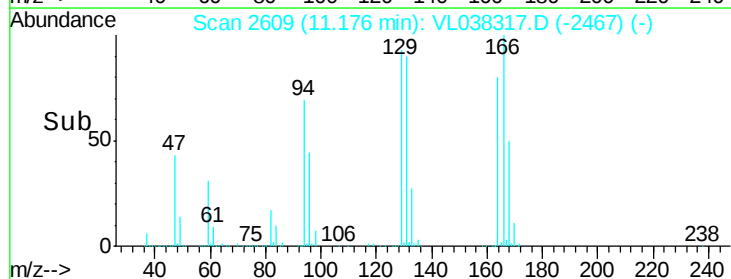
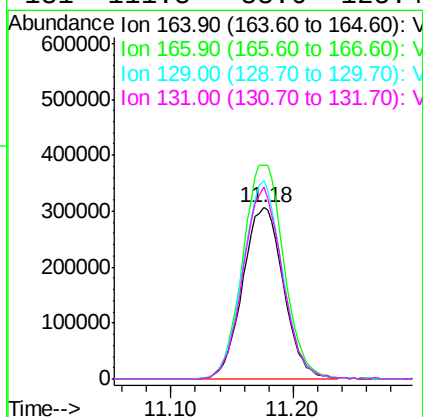
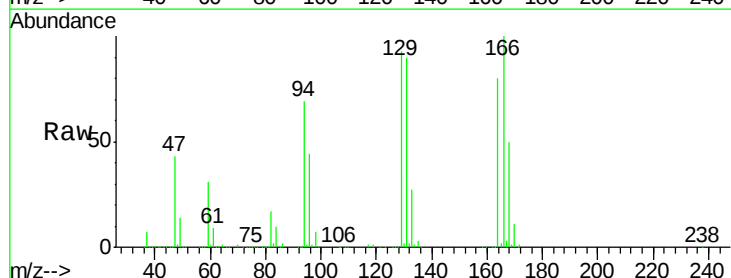
#51
2-Hexanone
Concen: 9.242 ppbv
RT: 10.09
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Feb 2022 10:56

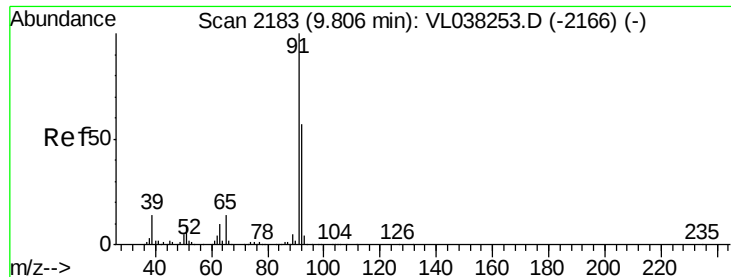
Tgt Ion: 43 Resp: 627566
Ion Ratio Lower Upper
43 100
58 50.4 37.0 55.4
98 0.3 0.2 0.2#



#52
Tetrachloroethene
Concen: 8.779 ppbv
RT: 11.18 min Scan# 2609
Delta R.T. -0.04 min
Lab File: VL038317.D
Acq: 1 Feb 2022 10:56

Tgt Ion: 164 Resp: 707283
Ion Ratio Lower Upper
164 100
166 124.8 98.8 148.2
129 115.5 89.2 133.8
131 111.8 83.6 125.4





#53

Toluene

Concen: 9.350 ppbv

RT: 9.76 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

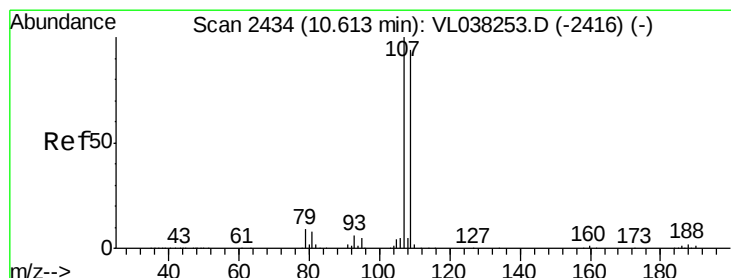
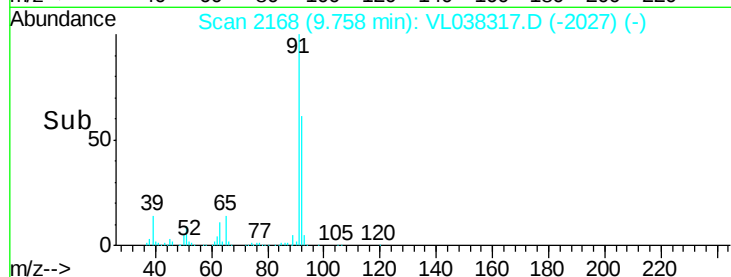
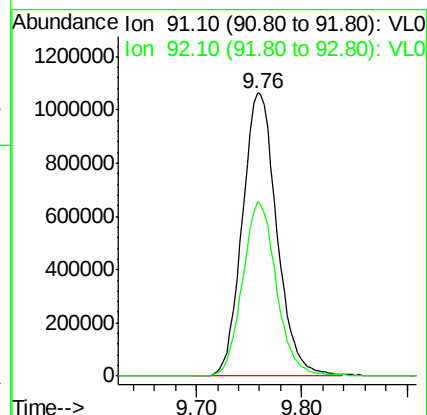
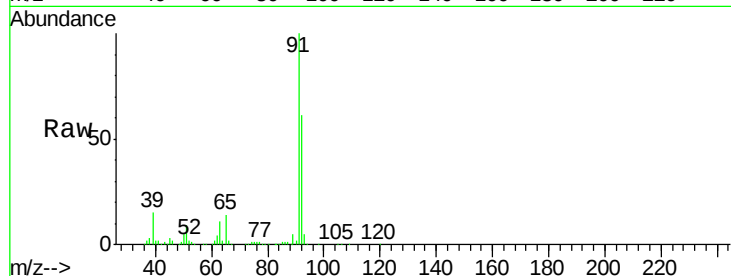
Acq: 1 Feb 2022 10:56 VSTDCCC010

Tgt Ion: 91 Resp: 2419312

Ion Ratio Lower Upper

91 100

92 60.6 47.4 71.0



#54

1,2-Dibromoethane

Concen: 9.533 ppbv

RT: 10.56 min Scan# 2418

Delta R.T. -0.05 min

Lab File: VL038317.D

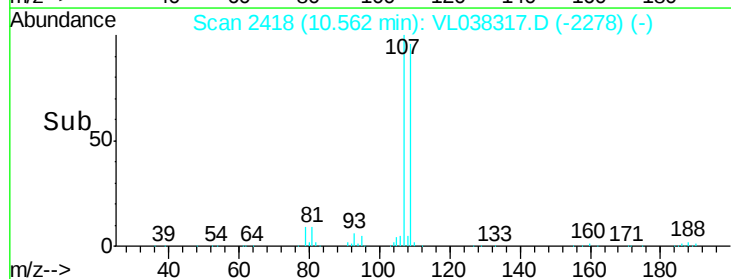
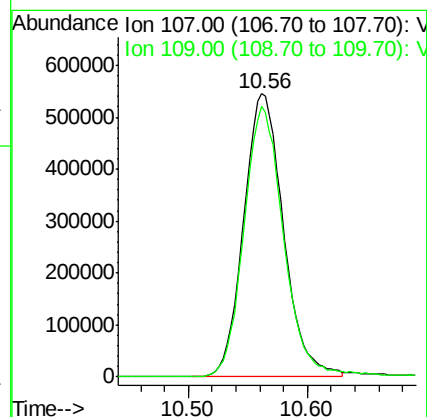
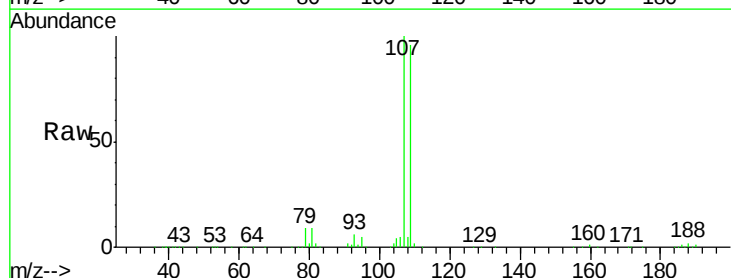
Acq: 1 Feb 2022 10:56

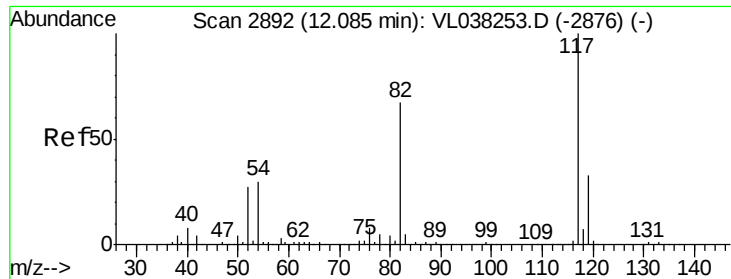
Tgt Ion: 107 Resp: 1262061

Ion Ratio Lower Upper

107 100

109 95.5 75.4 113.0

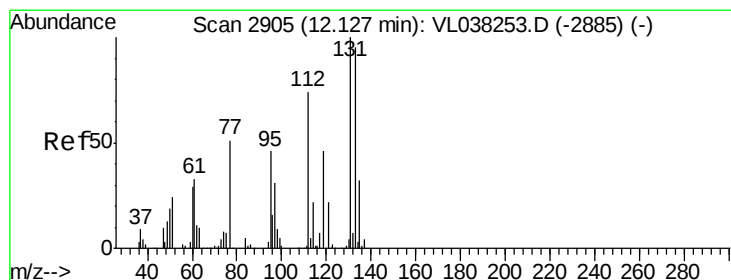
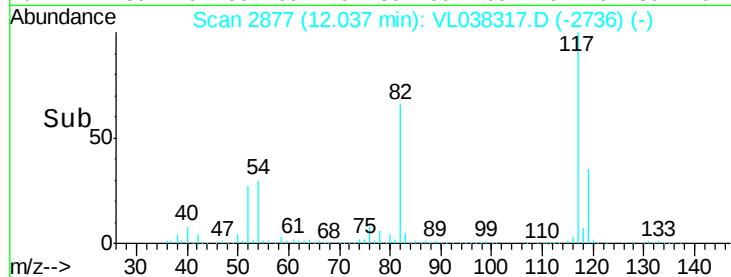
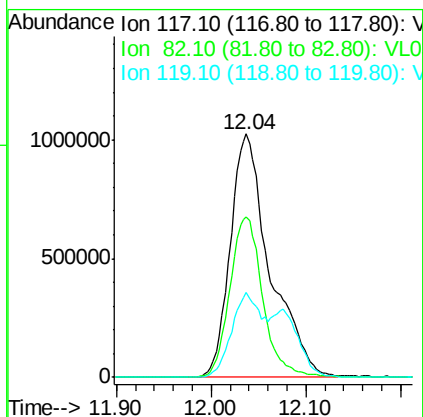
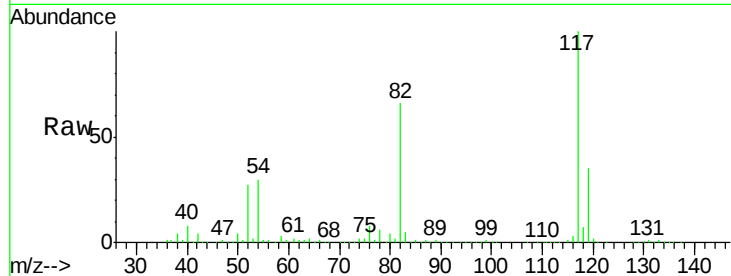




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.04 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Feb 2022 10:50

Tgt Ion: 117 Resp: 2986155

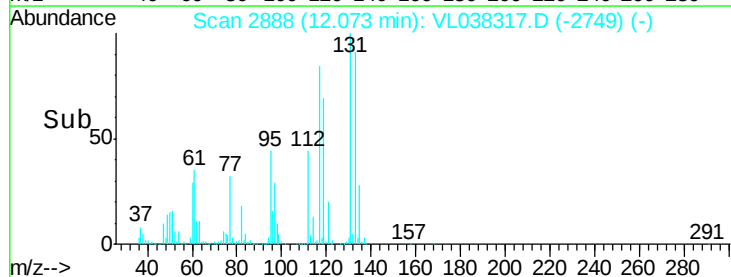
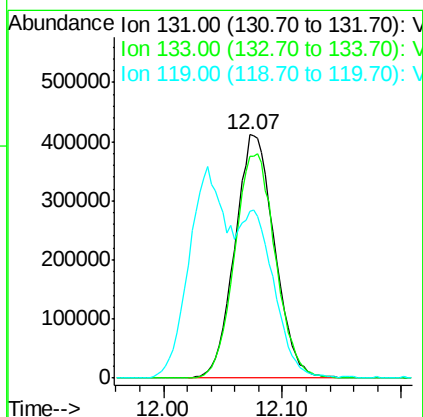
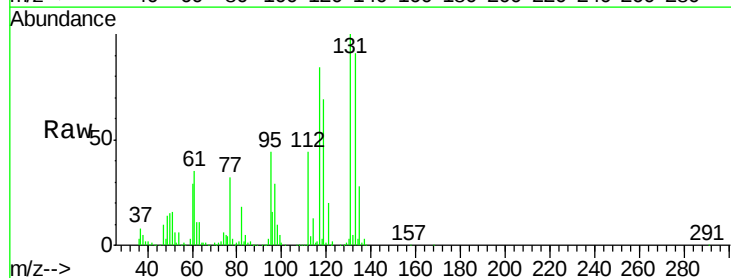
Ion	Ratio	Lower	Upper
117	100		
82	55.2	54.4	81.6
119	46.4	45.9	68.9

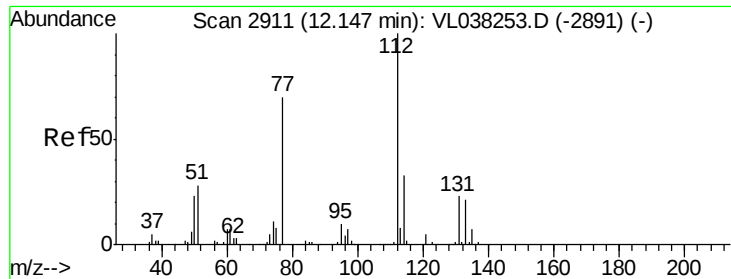


#56
 1,1,1,2-Tetrachloroethane
 Concen: 7.271 ppbv
 RT: 12.07 min Scan# 2888
 Delta R.T.: -0.05 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

Tgt Ion: 131 Resp: 950286

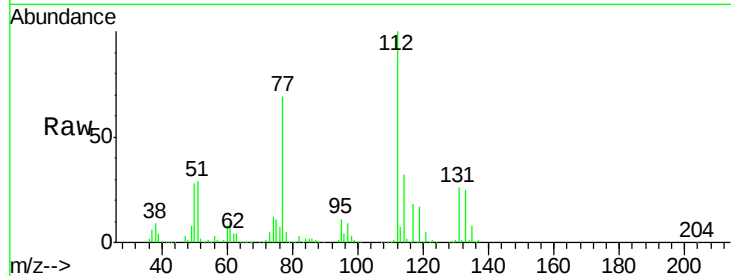
Ion	Ratio	Lower	Upper
131	100		
133	95.0	76.0	114.0
119	145.9	53.0	79.4



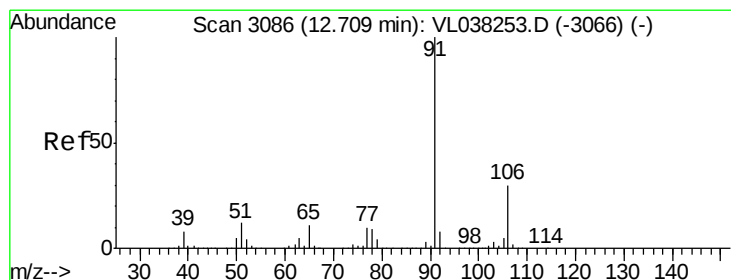
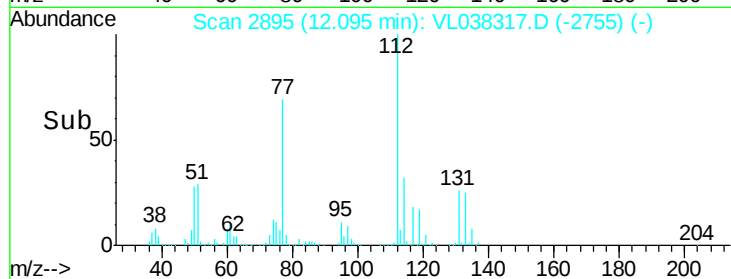
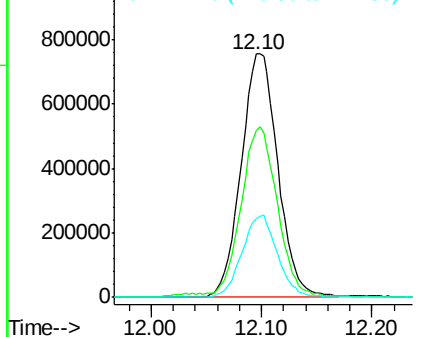


#57
Chlorobenzene
Concen: 7.292 ppbv
RT: 12.10 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 1 Feb 2022 10:56

Tgt Ion: 112 Resp: 1742349
Ion Ratio Lower Upper
112 100
77 67.9 55.9 83.9
114 32.3 29.3 35.9

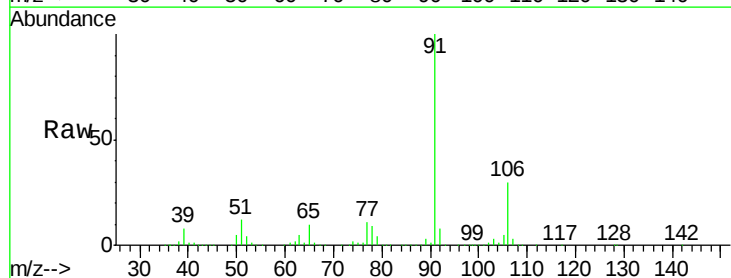


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

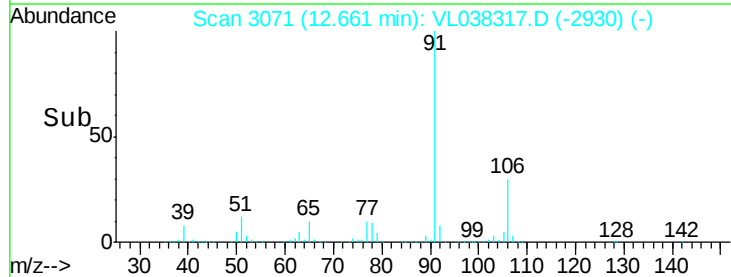
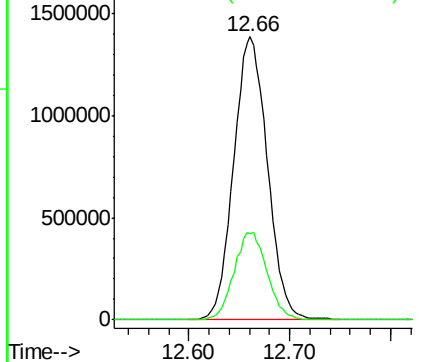


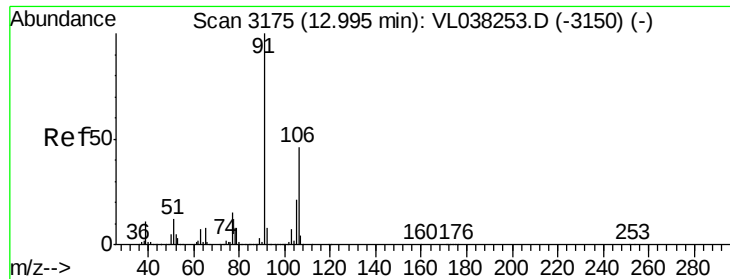
#58
Ethyl Benzene
Concen: 7.317 ppbv
RT: 12.66 min Scan# 3071
Delta R.T. -0.05 min
Lab File: VL038317.D
Acq: 1 Feb 2022 10:56

Tgt Ion: 91 Resp: 3211031
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1



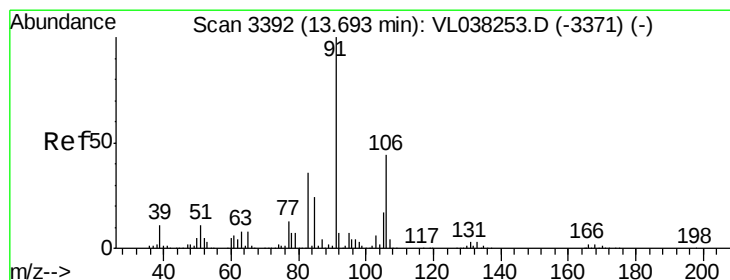
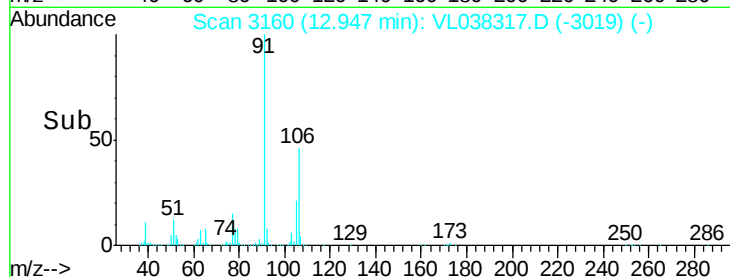
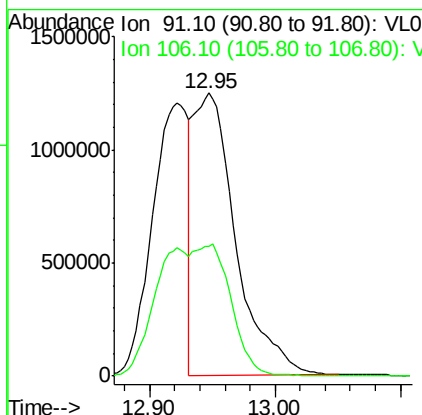
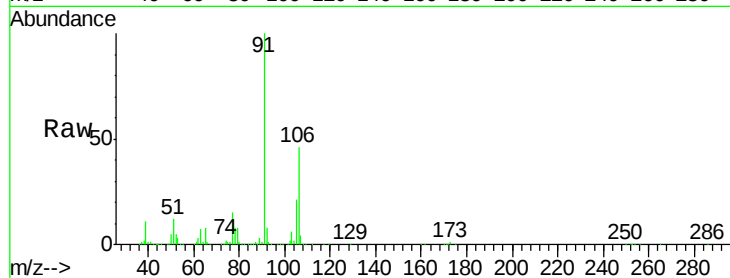
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





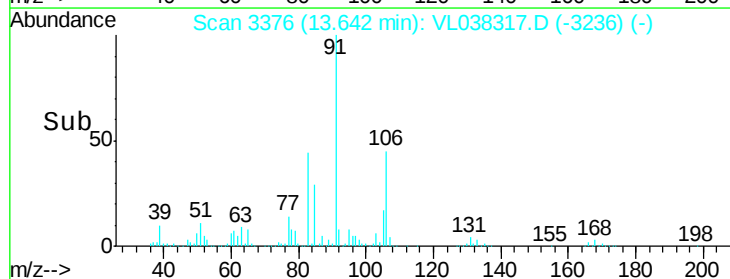
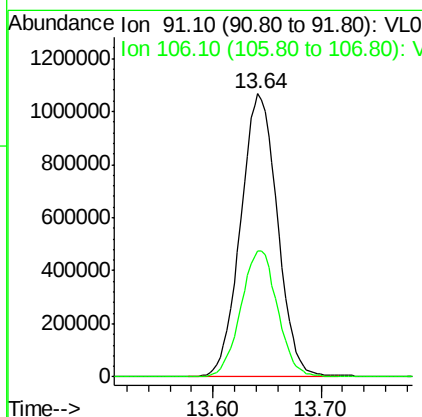
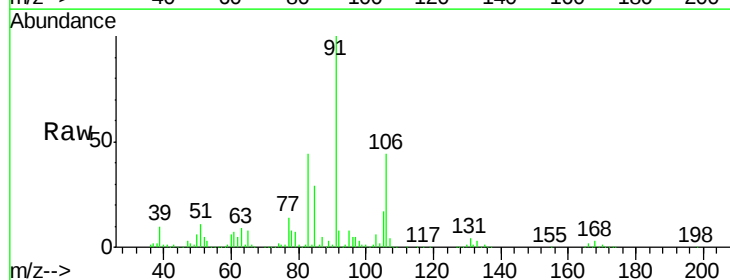
#59
m/p-Xylene
Concen: 7.788 ppbv
RT: 12.95
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Feb 2022 10:50

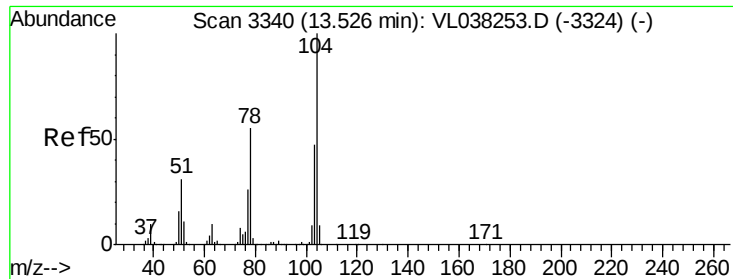
Tgt Ion: 91 Resp: 2915978
Ion Ratio Lower Upper
91 100
106 80.1 34.8 52.2#



#60
o-Xylene
Concen: 7.255 ppbv
RT: 13.64 min Scan# 3376
Delta R.T. -0.05 min
Lab File: VL038317.D
Acq: 1 Feb 2022 10:56

Tgt Ion: 91 Resp: 2526329
Ion Ratio Lower Upper
91 100
106 44.6 22.2 66.6

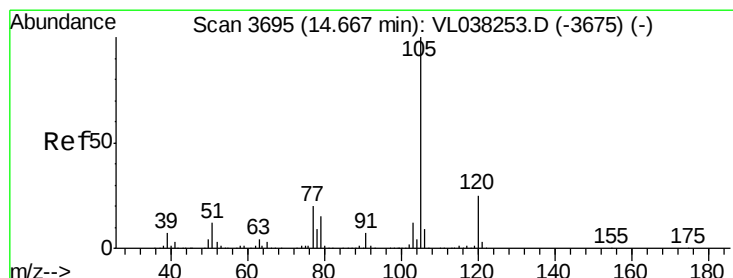
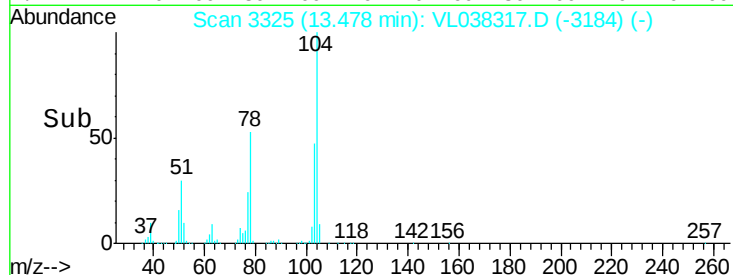
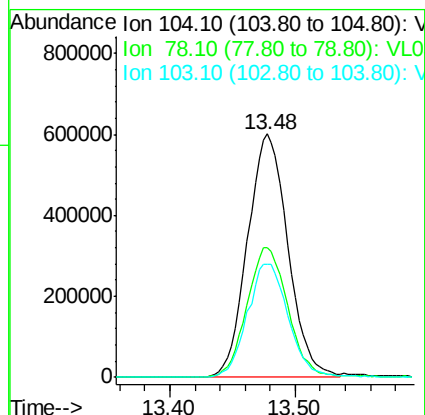
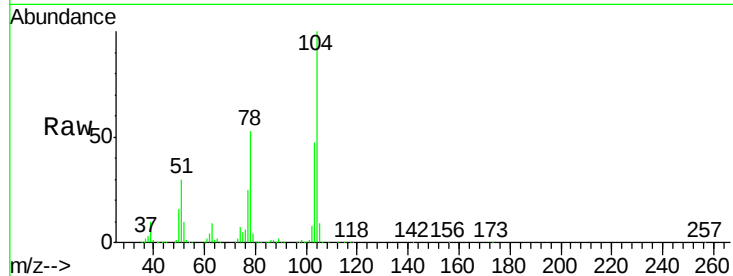




#61
Styrene
Concen: 8.278 ppbv
RT: 13.48 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Feb 2022 10:56

Tgt Ion:104 Resp: 1345312

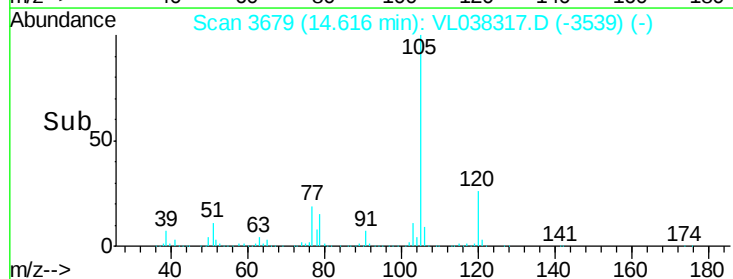
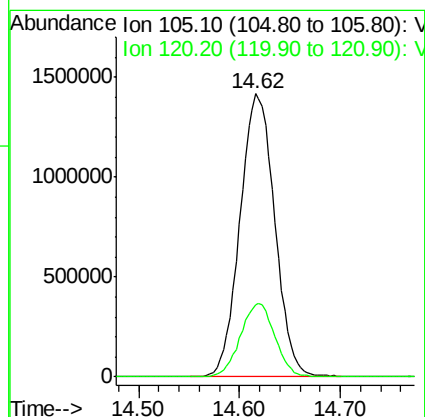
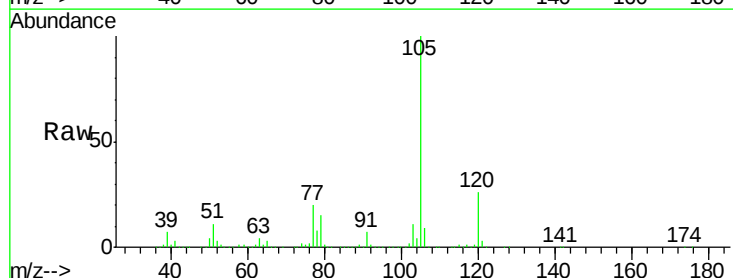
Ion	Ratio	Lower	Upper
104	100		
78	54.5	44.2	66.4
103	47.7	38.2	57.4

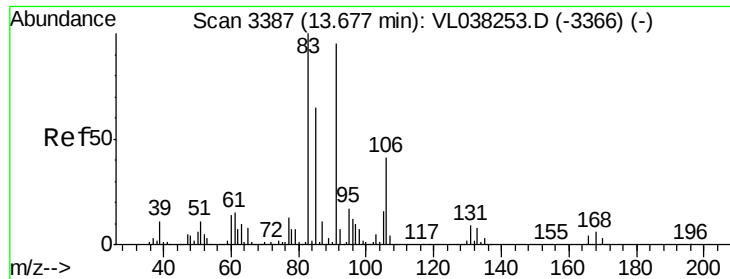


#62
Isopropylbenzene
Concen: 7.297 ppbv
RT: 14.62 min Scan# 3679
Delta R.T. -0.05 min
Lab File: VL038317.D
Acq: 1 Feb 2022 10:56

Tgt Ion:105 Resp: 3387637

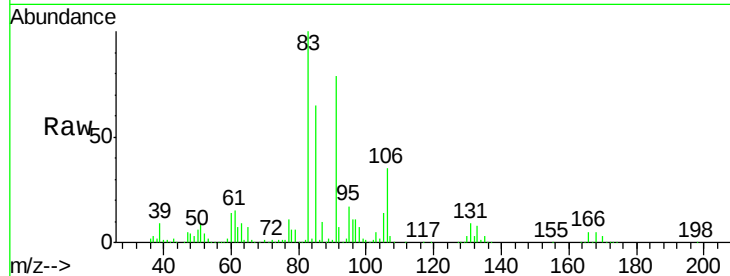
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.5	30.7



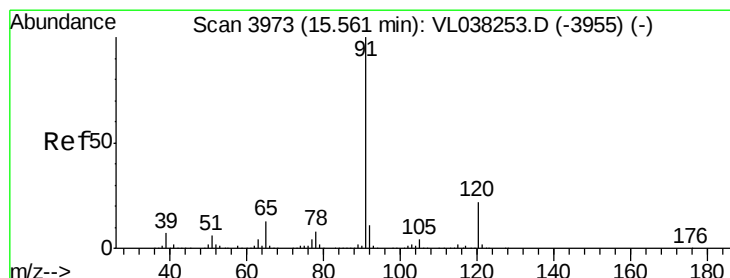
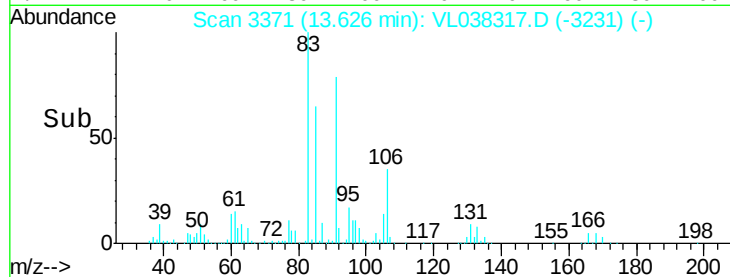
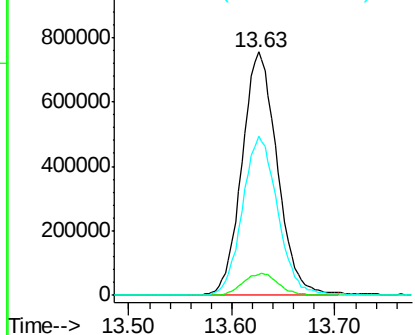


#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.955 ppbv
 RT: 13.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Feb 2022 10:56

Tgt Ion: 83 Resp: 1792035
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.5 13.5
 85 65.8 32.8 98.4

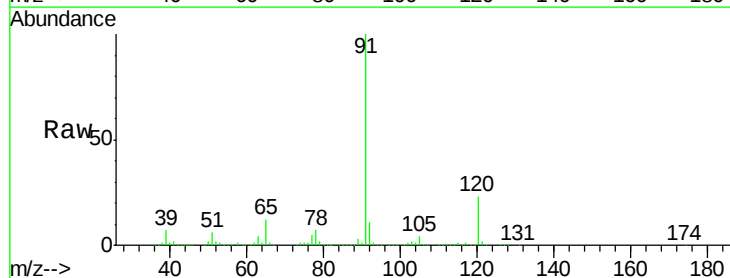


Abundance Ion 83.00 (82.70 to 83.70): VL0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VL0

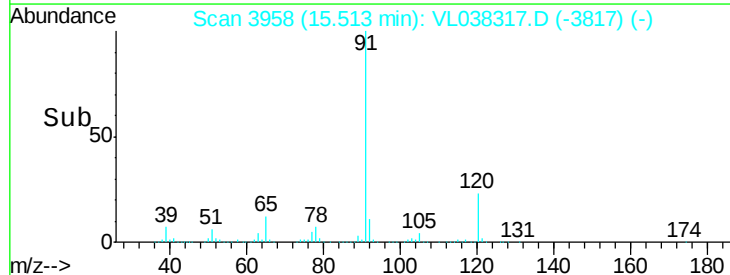
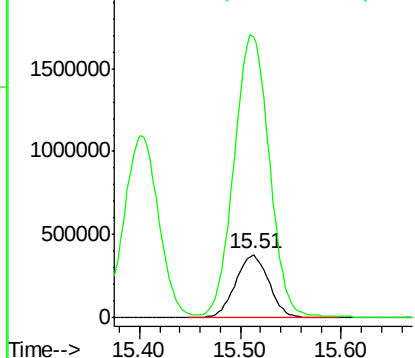


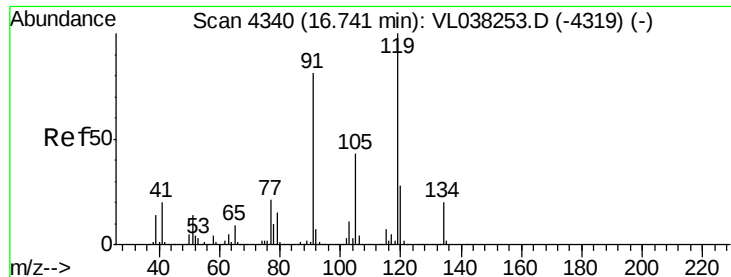
#64
 n-propylbenzene
 Concen: 7.832 ppbv
 RT: 15.51 min Scan# 3958
 Delta R.T. -0.05 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

Tgt Ion: 120 Resp: 874688
 Ion Ratio Lower Upper
 120 100
 91 475.2 390.8 586.2



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

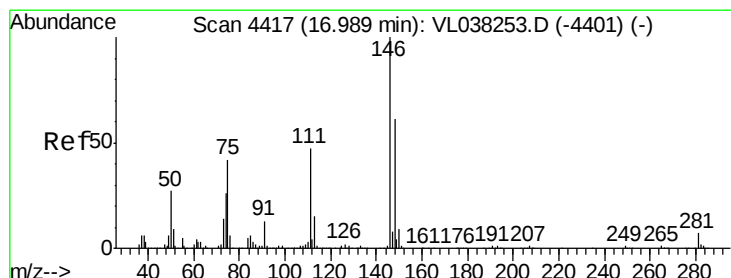
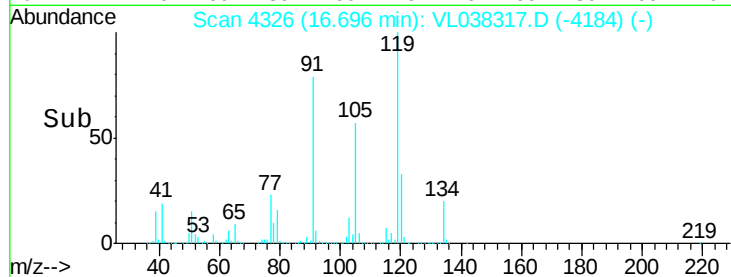
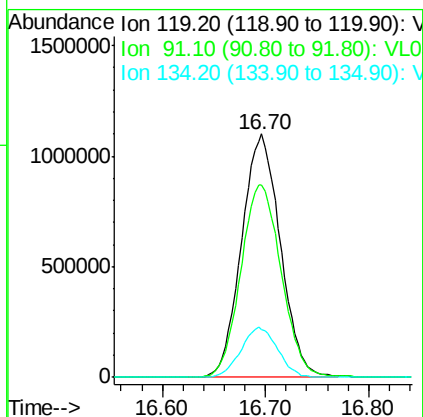
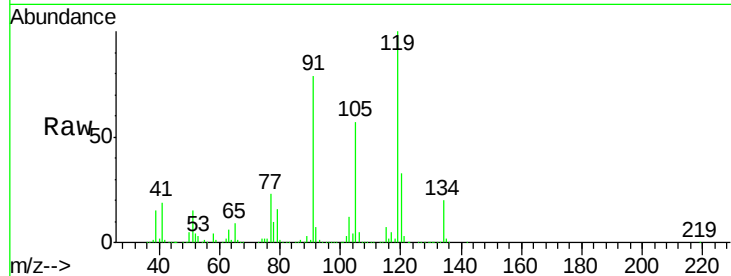




#65
 tert-Butylbenzene
 Concen: 7.494 ppbv
 RT: 16.70 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Feb 2022 10:56

Tgt Ion: 119 Resp: 2865406

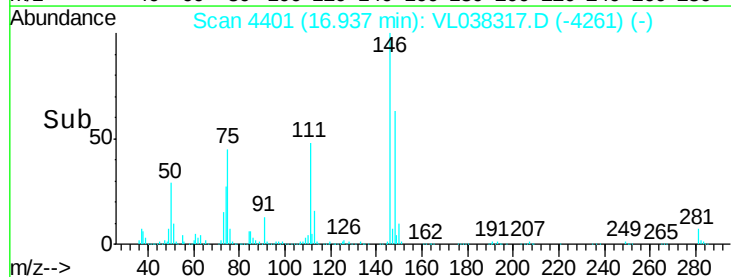
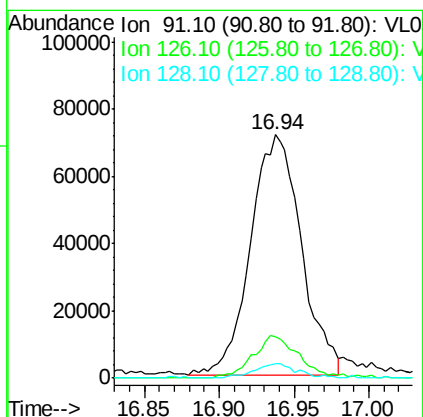
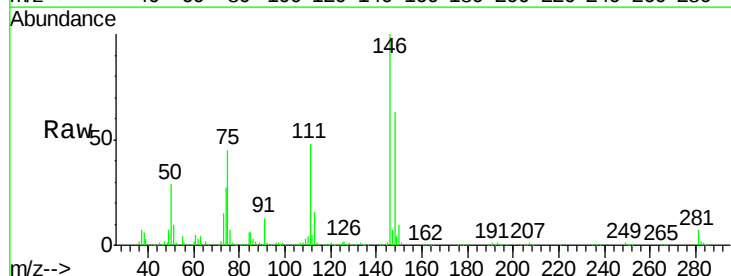
Ion	Ratio	Lower	Upper
119	100		
91	83.0	66.6	100.0
134	19.6	15.8	23.6

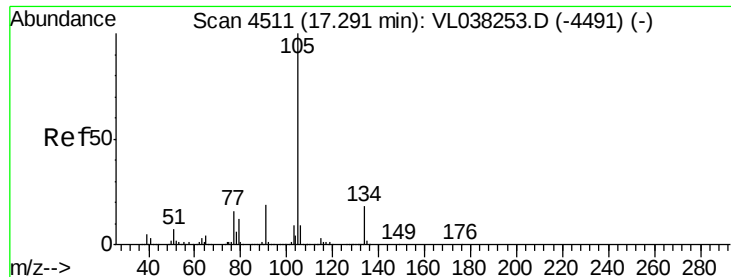


#66
 Benzyl Chloride
 Concen: 9.713 ppbv
 RT: 16.94 min Scan# 4401
 Delta R.T. -0.05 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

Tgt Ion: 91 Resp: 168711

Ion	Ratio	Lower	Upper
91	100		
126	16.4	12.6	18.8
128	5.4	4.3	6.5





#67

sec-Butylbenzene

Concen: 7.571 ppbv

RT: 17.25

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

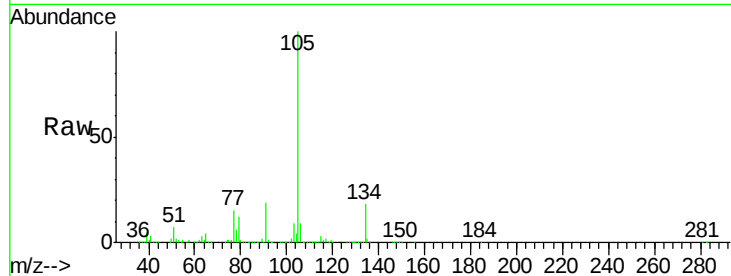
Acq: 1 Feb 2022 10:56

Tgt Ion: 105 Resp: 4027376

Ion Ratio Lower Upper

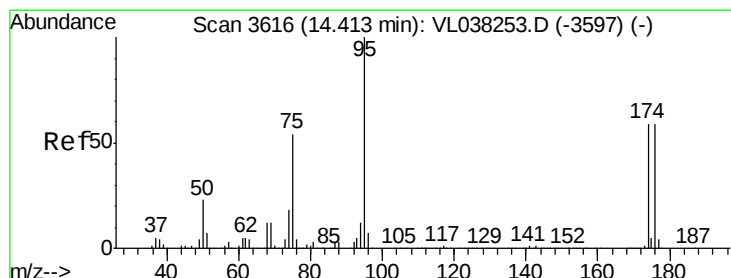
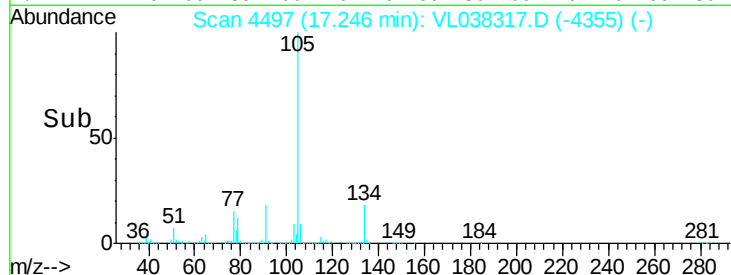
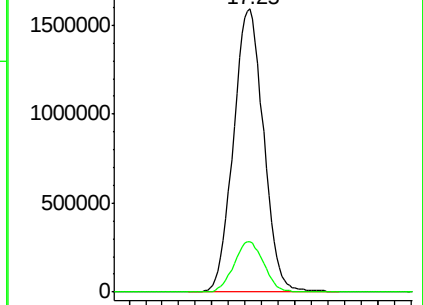
105 100

134 17.8 14.3 21.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.589 ppbv

RT: 14.37 min Scan# 3602

Delta R.T. -0.04 min

Lab File: VL038317.D

Acq: 1 Feb 2022 10:56

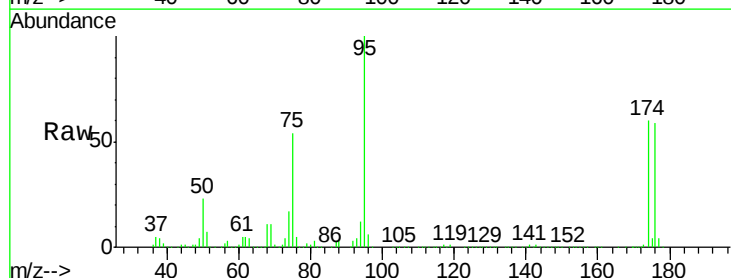
Tgt Ion: 95 Resp: 1946658

Ion Ratio Lower Upper

95 100

174 60.2 48.3 72.5

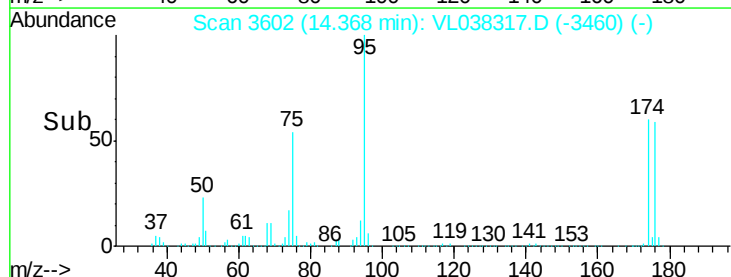
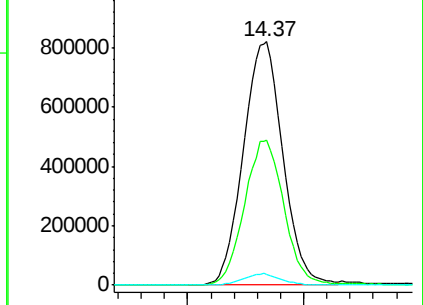
175 4.4 3.5 5.3

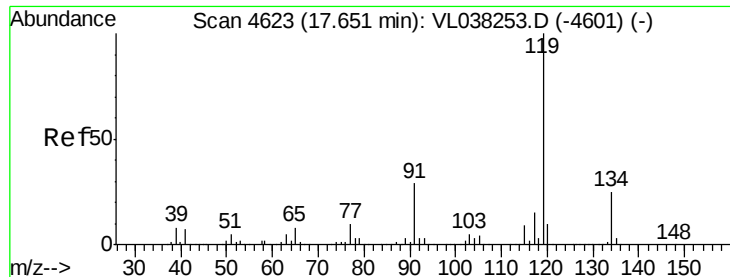


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

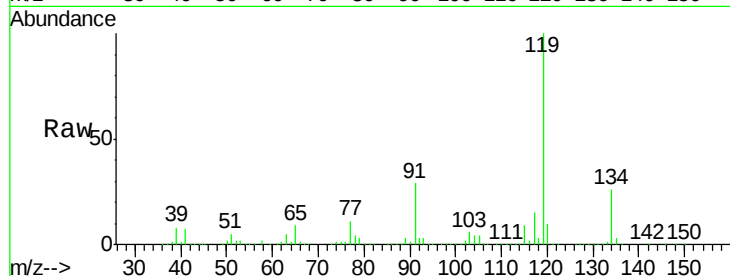
Ion 175.00 (174.70 to 175.70): V



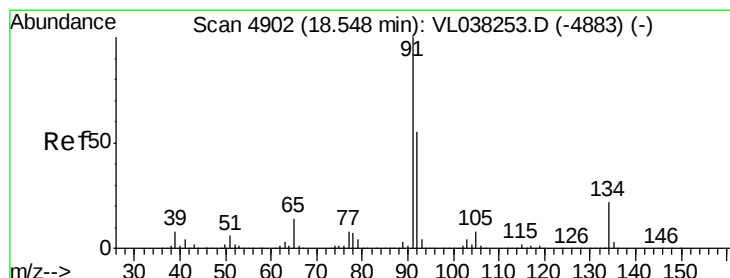
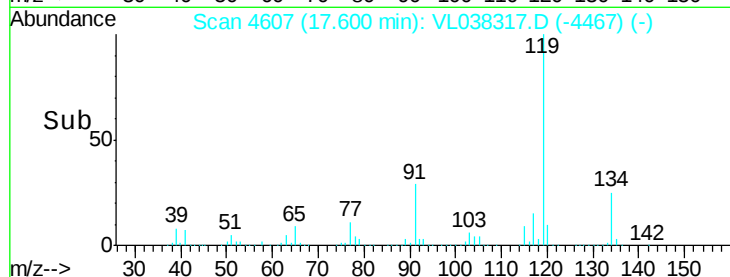
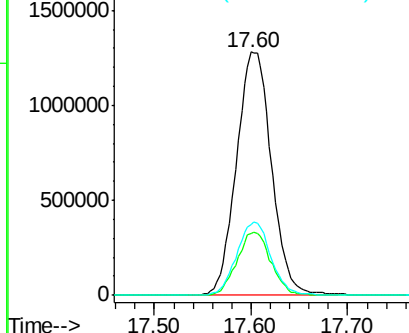


#69
 p-Isopropyltoluene
 Concen: 7.922 ppbv
 RT: 17.60 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Feb 2022 10:50

Tgt Ion: 119 Resp: 3224793
 Ion Ratio Lower Upper
 119 100
 134 25.3 20.2 30.2
 91 29.8 23.2 34.8

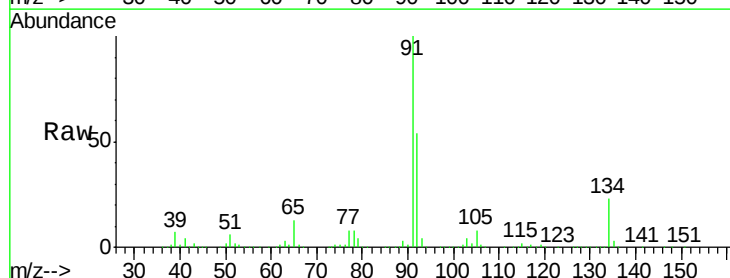


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

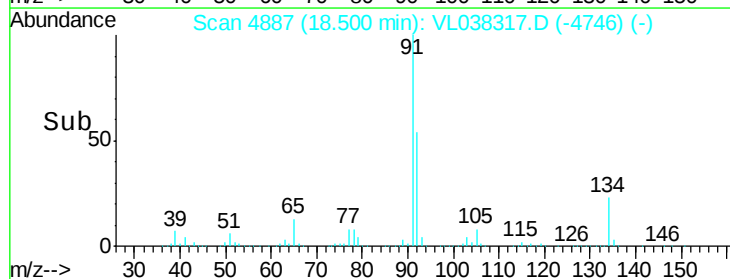
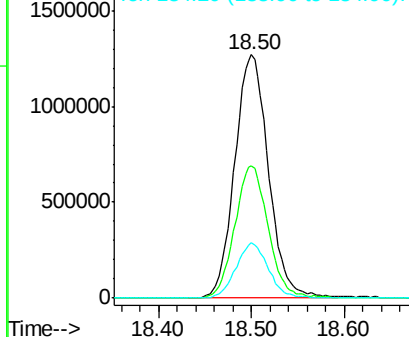


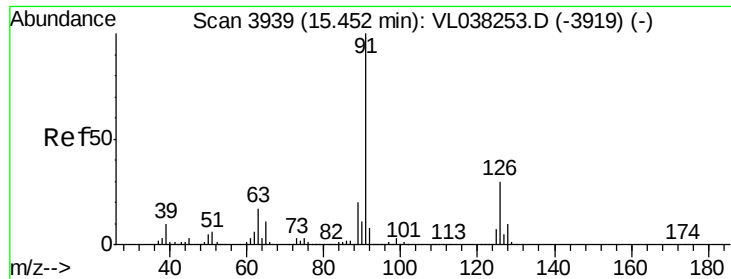
#70
 n-Butylbenzene
 Concen: 8.038 ppbv
 RT: 18.50 min Scan# 4887
 Delta R.T. -0.05 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

Tgt Ion: 91 Resp: 3204661
 Ion Ratio Lower Upper
 91 100
 92 54.4 43.4 65.0
 134 22.0 17.3 25.9



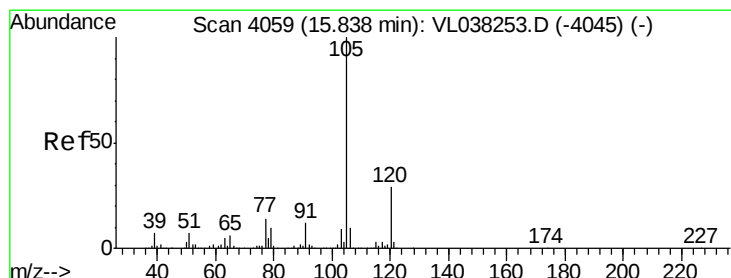
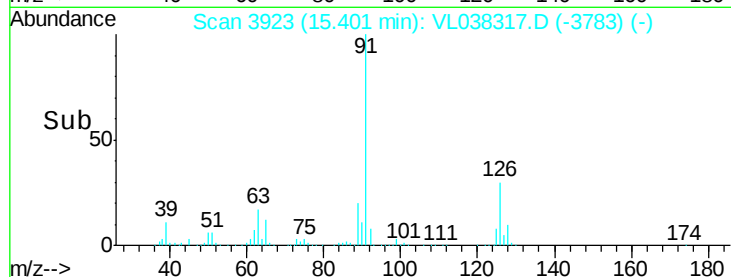
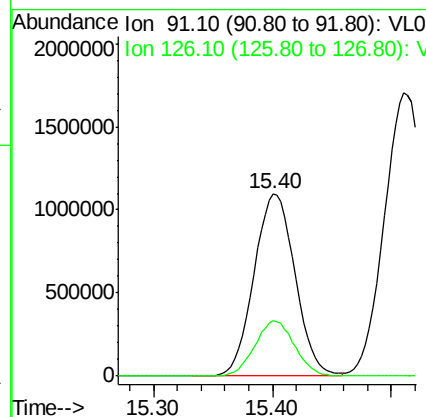
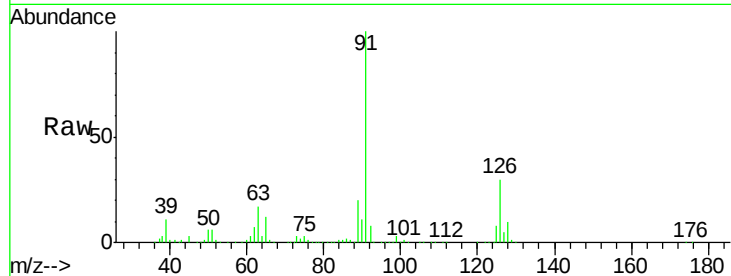
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





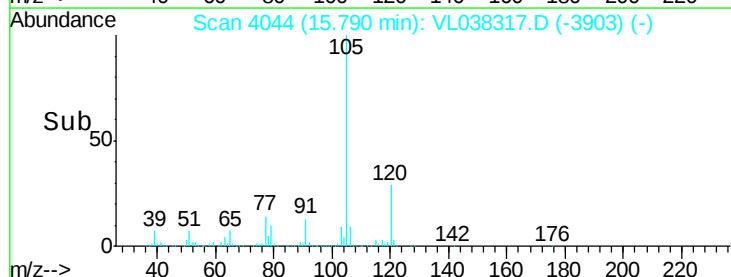
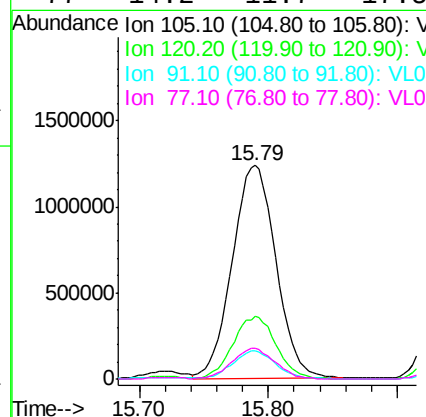
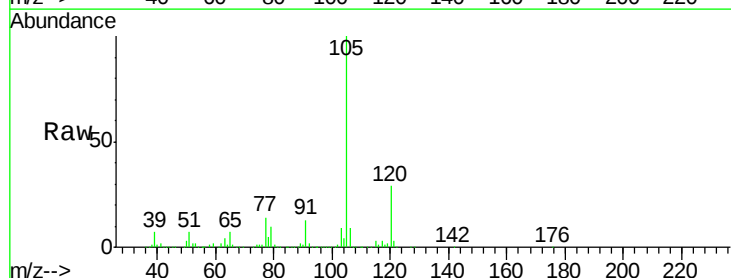
#71
 2-Chlorotoluene
 Concen: 7.638 ppbv
 RT: 15.40 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 1 Feb 2022 10:56

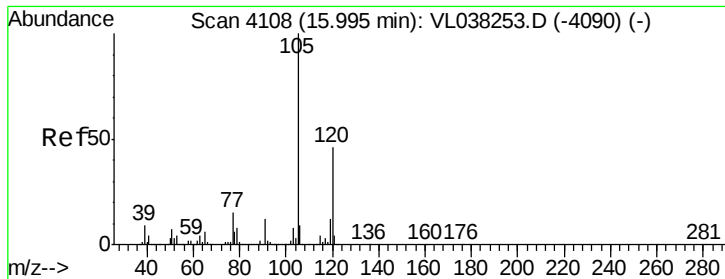
Tgt Ion: 91 Resp: 2626370
 Ion Ratio Lower Upper
 91 100
 126 29.7 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 7.954 ppbv
 RT: 15.79 min Scan# 4044
 Delta R.T. -0.05 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

Tgt Ion: 105 Resp: 2896658
 Ion Ratio Lower Upper
 105 100
 120 29.5 23.8 35.8
 91 12.8 10.2 15.4
 77 14.2 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 7.800 ppbv

RT: 15.95

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

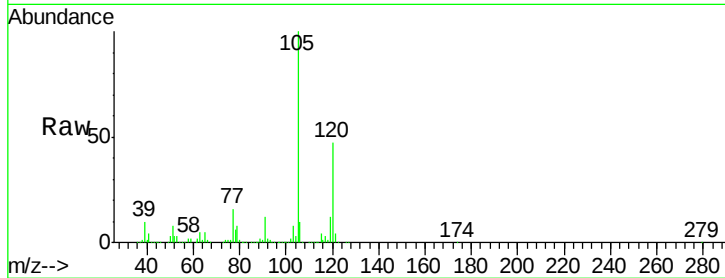
Acq: 1 Feb 2022 10:50

Tgt Ion:105 Resp: 2554508

Ion Ratio Lower Upper

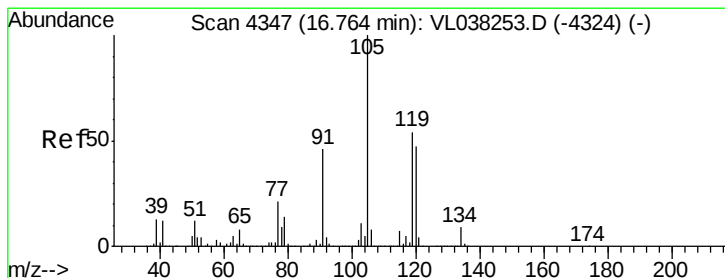
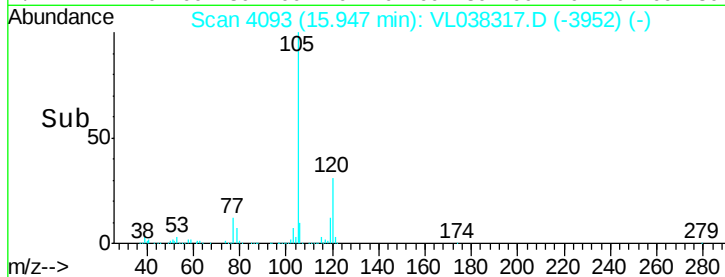
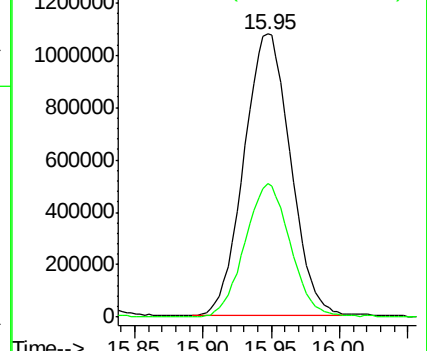
105 100

120 47.3 36.6 55.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 7.646 ppbv

RT: 16.71 min Scan# 4331

Delta R.T. -0.05 min

Lab File: VL038317.D

Acq: 1 Feb 2022 10:56

Tgt Ion:105 Resp: 2638117

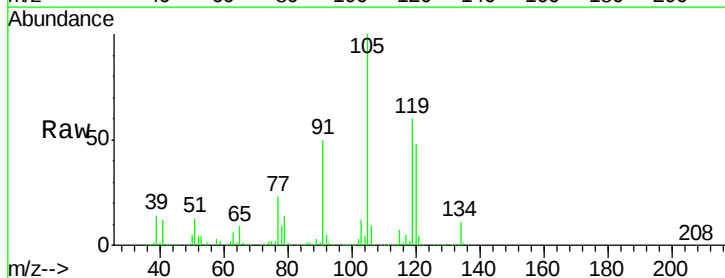
Ion Ratio Lower Upper

105 100

120 47.4 37.2 55.8

91 49.2 36.6 55.0

77 22.5 16.9 25.3

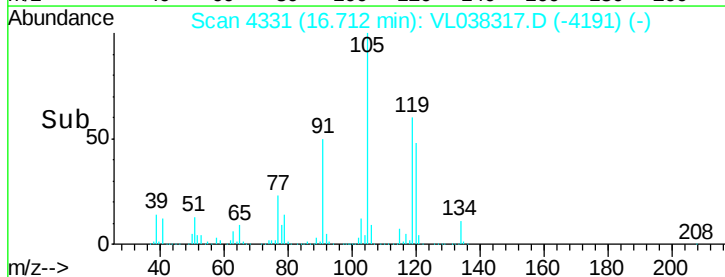
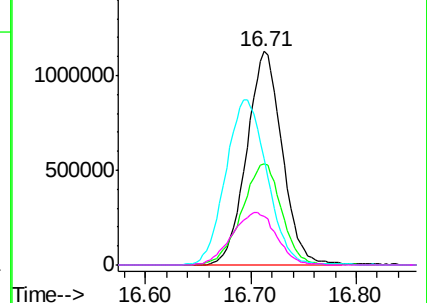


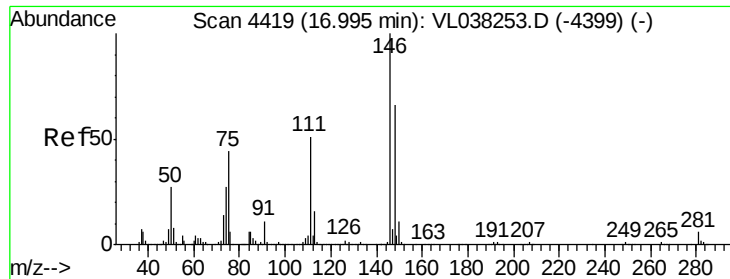
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

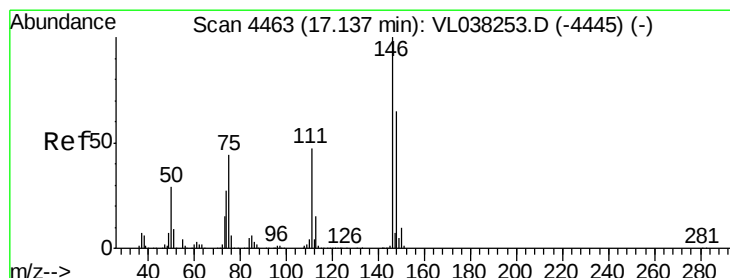
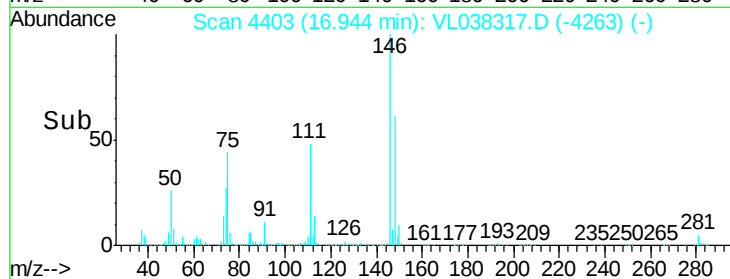
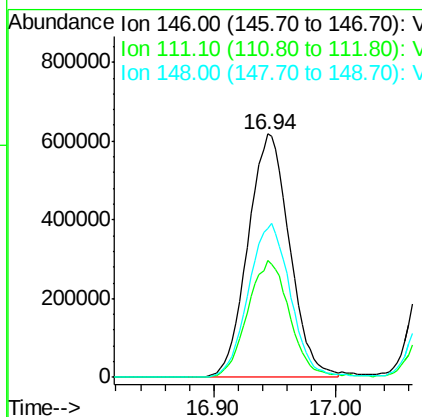
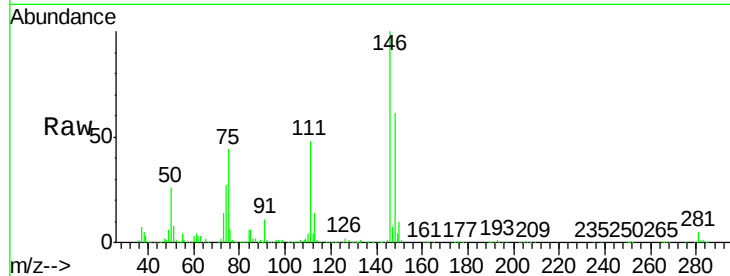




#75
 1,3-Dichlorobenzene
 Concen: 7.896 ppbv
 RT: 16.94 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 1 Feb 2022 10:50

Tgt Ion:146 Resp: 1461933

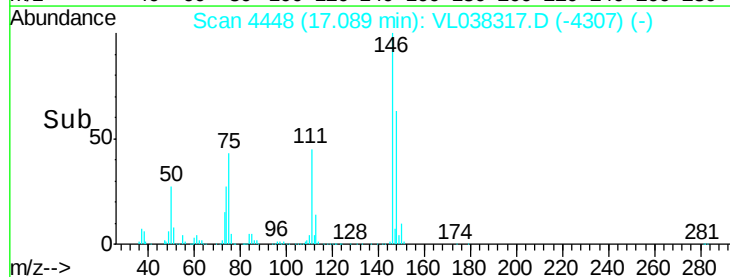
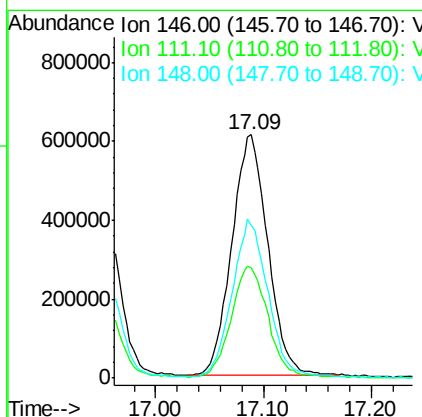
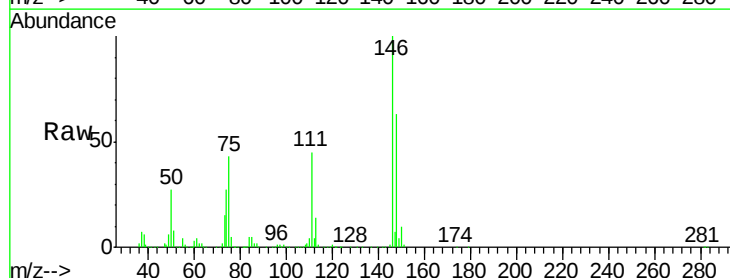
Ion	Ratio	Lower	Upper
146	100		
111	48.6	24.1	72.4
148	64.0	32.1	96.5

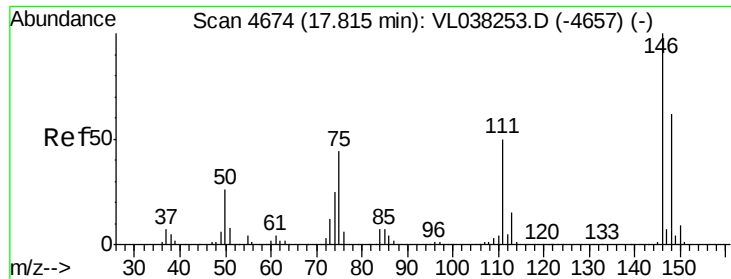


#76
 1,4-Dichlorobenzene
 Concen: 7.919 ppbv
 RT: 17.09 min Scan# 4448
 Delta R.T. -0.05 min
 Lab File: VL038317.D
 Acq: 1 Feb 2022 10:56

Tgt Ion:146 Resp: 1419570

Ion	Ratio	Lower	Upper
146	100		
111	48.1	23.2	69.6
148	66.7	32.4	97.0





#77

1,2-Dichlorobenzene

Concen: 7.846 ppbv

RT: 17.77

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Feb 2022 10:56

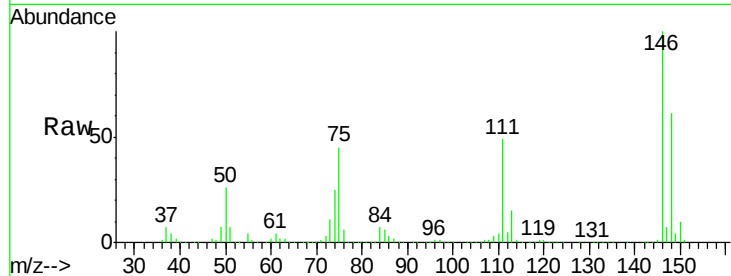
Tgt Ion:146 Resp: 1349194

Ion Ratio Lower Upper

146 100

111 50.8 25.2 75.6

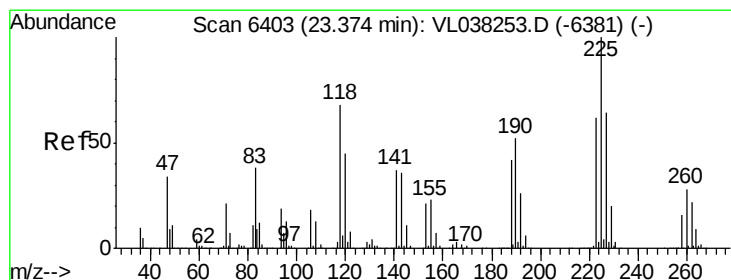
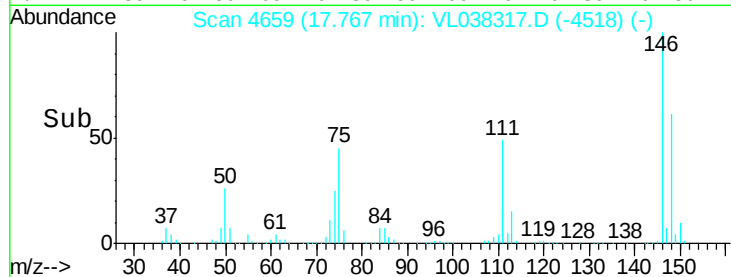
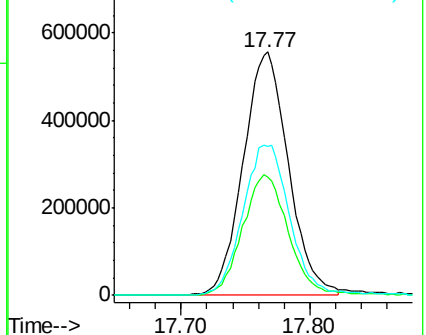
148 65.4 32.6 97.8



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: 6.042 ppbv

RT: 23.32 min Scan# 6387

Delta R.T. -0.05 min

Lab File: VL038317.D

Acq: 1 Feb 2022 10:56

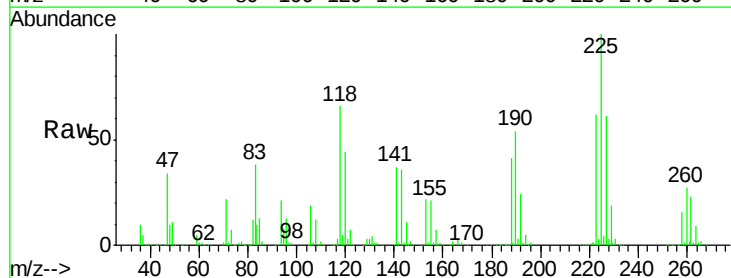
Tgt Ion:225 Resp: 722434

Ion Ratio Lower Upper

225 100

223 63.8 51.7 77.5

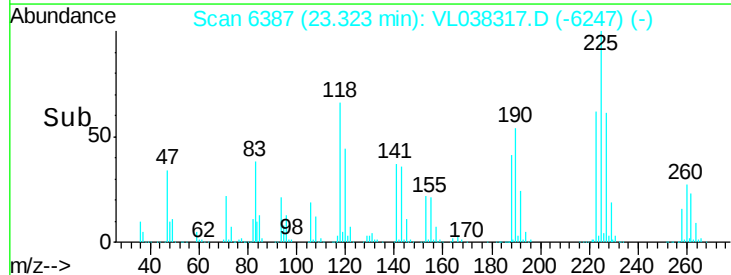
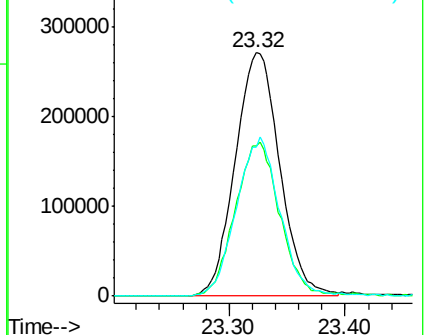
227 64.6 51.4 77.0

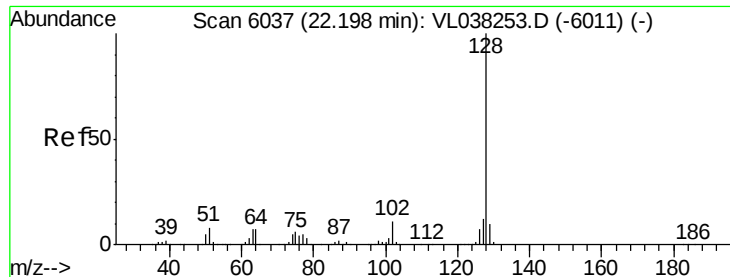


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

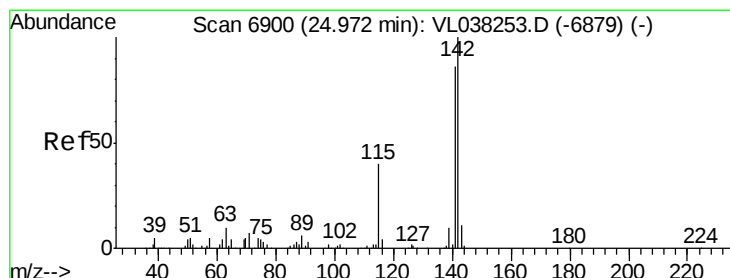
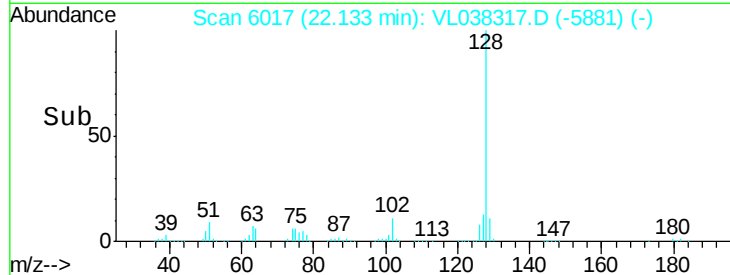
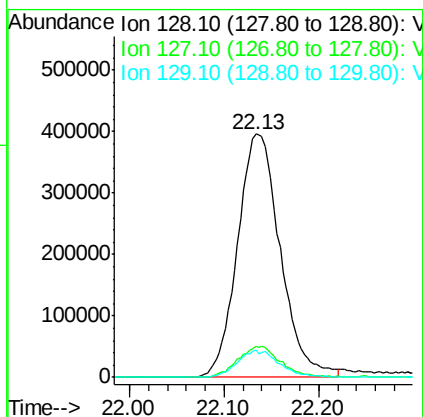
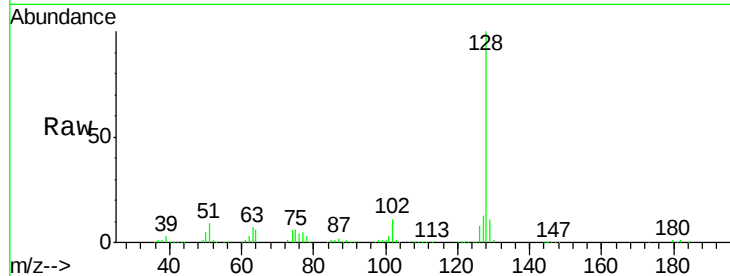
Ion 226.90 (226.60 to 227.60): V





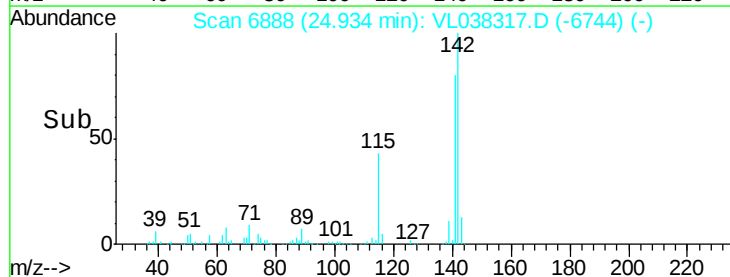
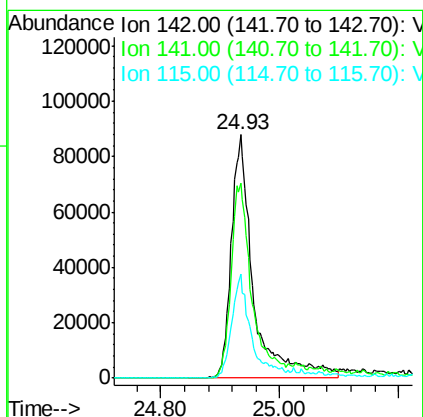
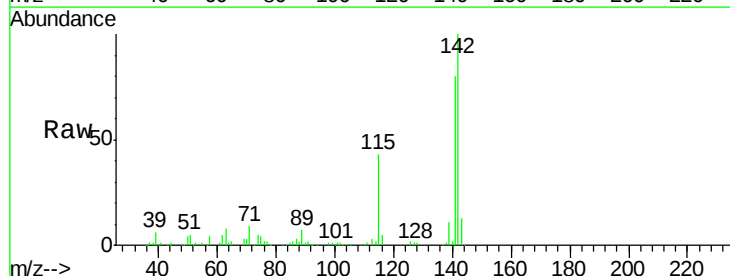
#79
Naphthalene
Concen: 7.696 ppbv
RT: 22.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Feb 2022 10:56

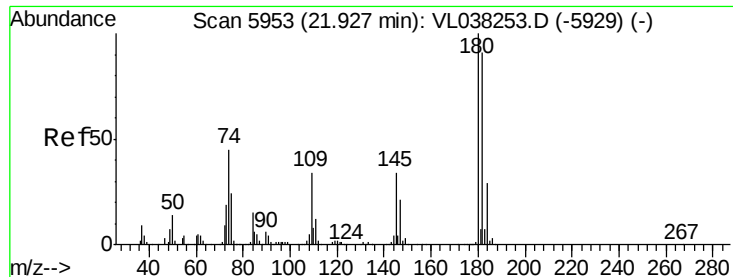
Tgt Ion:	128	Resp:	1241423
Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.7	14.5
129	11.1	8.1	12.1



#80
Naphthalene, 2-methyl-
Concen: 13.005 ppbv
RT: 24.93 min Scan# 6888
Delta R.T. -0.04 min
Lab File: VL038317.D
Acq: 1 Feb 2022 10:56

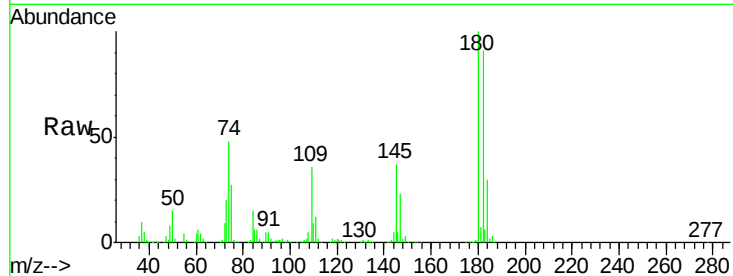
Tgt Ion:	142	Resp:	228146
Ion	Ratio	Lower	Upper
142	100		
141	74.6	70.2	105.4
115	42.6	31.8	47.6





#81
 1,2,4-Trichlorobenzene
 Concen: 7.026 ppbv
 RT: 21.87
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 1 Feb 2022 10:30

Tgt Ion:180 Resp: 666605
 Ion Ratio Lower Upper
 180 100
 182 97.9 77.7 116.5
 184 30.7 24.4 36.6



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

