

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
 Data File : VL038043.D
 Acq On : 16 Nov 2021 17:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 17 06:41:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 16 09:59:16 2021
 QLast Update : Tue Nov 16 09:59:16 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	865519	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2582071	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2962058	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1792128	8.37	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	1203690	6.836	ppbv	99
3) Chlorodifluoromethane	2.99	51	1484313	6.597	ppbv	100
4) Chloromethane	3.14	50	486100	6.071	ppbv	96
5) Vinyl Chloride	3.26	62	475310	6.185	ppbv	96
6) Bromomethane	3.47	94	244822	5.960	ppbv	97
7) Chloroethane	3.55	64	163669	6.055	ppbv	99
8) Dichlorotetrafluoroethane	3.19	85	1105722	6.063	ppbv	99
9) Propene	3.01	41	508188	5.988	ppbv	99
10) Heptane	8.11	43	1277782	6.117	ppbv	99
11) Trichlorofluoromethane	3.94	101	1030449	5.923	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	745428	5.528	ppbv	98
13) Ethanol	3.61	45	17614	2.341	ppbv #	100
14) Bromoethene	3.74	108	332571	5.899	ppbv	97
15) Acetone	3.84	43	549802	5.403	ppbv	99
16) 1,3-Butadiene	3.33	39	476307	6.321	ppbv	94
17) tert-Butyl alcohol	4.28	59	736088	5.386	ppbv	99
18) 1,1-Dichloroethene	4.28	96	333721	5.362	ppbv	98
19) Isopropyl Alcohol	3.96	45	401115	5.383	ppbv #	41
20) Methylene Chloride	4.34	84	274673	4.602	ppbv	98
21) Allyl Chloride	4.40	41	526591	5.171	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	365011	5.813	ppbv	99
23) Vinyl Acetate	5.06	43	907212	5.383	ppbv	99
24) 1,1-Dichloroethane	5.00	63	733424	5.579	ppbv	99
25) Ethyl Acetate	5.67	43	1821873	7.611	ppbv	99
26) Hexane	5.68	57	922535	7.671	ppbv	95
27) Carbon Disulfide	4.54	76	872508	5.532	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	753111	4.883	ppbv	98
29) Chloroform	5.74	83	1356764	7.490	ppbv	99
30) Cyclohexane	7.12	84	825090	6.092	ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	882967	8.868	ppbv	99
32) 1,1,1-Trichloroethane	6.50	97	1408662	6.129	ppbv	99
34) 2-Butanone	5.24	43	774433	9.093	ppbv	99
35) Carbon Tetrachloride	7.01	117	1431145	8.019	ppbv	98
36) Benzene	6.88	78	1996871	8.130	ppbv	98
37) 1,2-Dichloroethane	6.29	62	1002032	8.789	ppbv	99
38) Trichloroethene	7.82	130	713716	7.153	ppbv	98
39) 1,2-Dichloropropane	7.60	63	780043	8.216	ppbv	98
40) 1,4-Dioxane	7.82	88	185514	7.577	ppbv #	100
41) Tetrahydrofuran	6.04	42	435711	7.130	ppbv	97
42) Bromodichloromethane	7.78	83	1516252	8.448	ppbv	100
43) Methyl Methacrylate	8.00	69	760110	8.676	ppbv	100

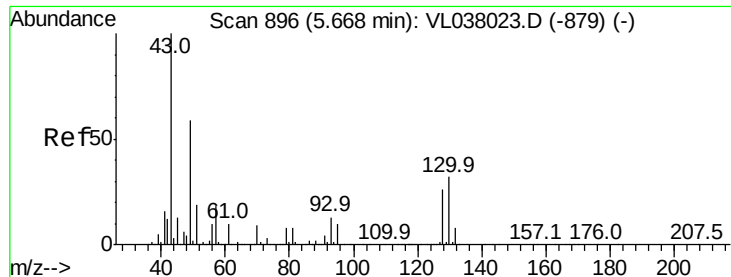
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
 Data File : VL038043.D
 Acq On : 16 Nov 2021 17:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 17 06:41:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 16 09:59:16 2021
 QLast Update : Tue Nov 16 09:59:16 2021
 Response via : Initial Calibration

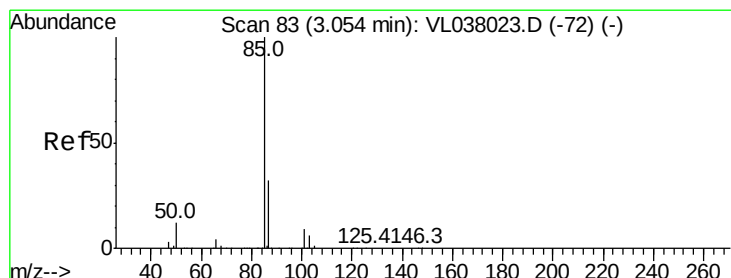
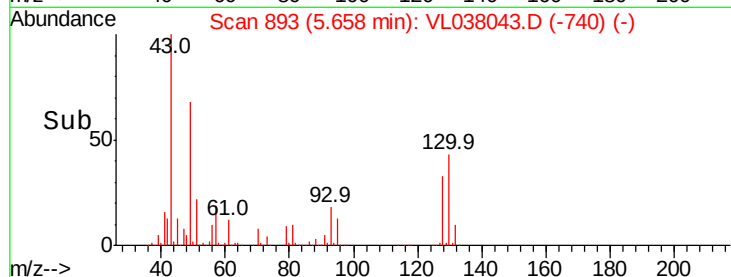
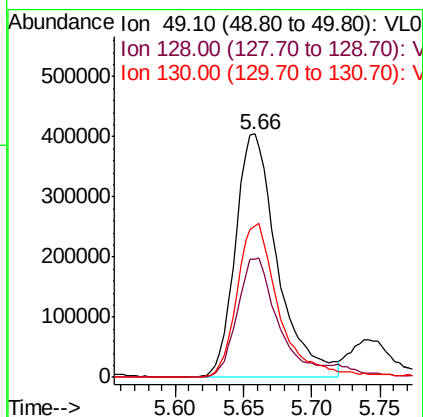
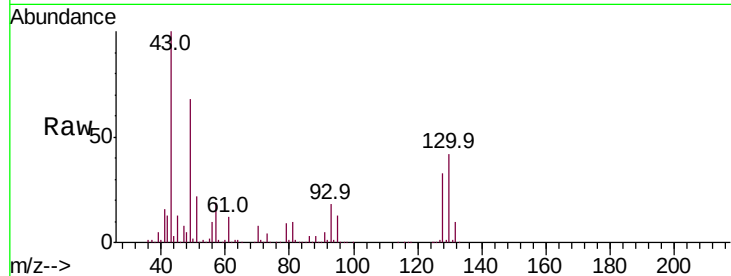
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3251185	7.705	ppbv	99
45) t-1,3-Dichloropropene	9.26	75	531722	7.328	ppbv	98
46) cis-1,3-Dichloropropene	8.69	75	722650	7.621	ppbv	98
47) 1,1,2-Trichloroethane	9.46	97	812353	8.424	ppbv	97
48) Dibromochloromethane	10.29	129	1323393	8.440	ppbv	100
49) Bromoform	13.02	173	1028834	8.504	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	1291093	8.407	ppbv	100
51) 2-Hexanone	10.12	43	665284	9.278	ppbv #	100
52) Tetrachloroethene	11.21	164	679291	7.326	ppbv	96
53) Toluene	9.79	91	2325662	8.097	ppbv	100
54) 1,2-Dibromoethane	10.59	107	1164016	8.615	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	875619	6.770	ppbv	97
57) Chlorobenzene	12.13	112	1677818	6.908	ppbv	98
58) Ethyl Benzene	12.69	91	3061938	6.806	ppbv	98
59) m/p-Xylene	12.98	91	2642238	7.068	ppbv #	39
60) o-Xylene	13.67	91	2268005	6.536	ppbv	100
61) Styrene	13.51	104	1331880	6.883	ppbv	98
62) Isopropylbenzene	14.65	105	3395906	6.769	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1686146	6.499	ppbv	99
64) n-propylbenzene	15.55	120	907649	7.096	ppbv	99
65) tert-Butylbenzene	16.73	119	2937069	6.671	ppbv	99
66) Benzyl Chloride	16.97	91	53904	1.753	ppbv #	65
67) sec-Butylbenzene	17.27	105	4145954	6.817	ppbv	99
69) p-Isopropyltoluene	17.64	119	3440563	7.018	ppbv	99
70) n-Butylbenzene	18.53	91	3422640	7.615	ppbv	99
71) 2-Chlorotoluene	15.43	91	2546962	7.092	ppbv	98
72) 4-Ethyltoluene	15.82	105	2865115	6.925	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	2604782	6.883	ppbv	98
74) 1,2,4-Trimethylbenzene	16.74	105	2621530	6.880	ppbv	97
75) 1,3-Dichlorobenzene	16.98	146	1586463	7.544	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	1547329	7.182	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	1541505	7.644	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1011699	7.735	ppbv	99
79) Naphthalene	22.17	128	2103552	10.063	ppbv	99
80) Naphthalene, 2-methyl-	24.95	142	552293	13.994	ppbv	91
81) 1,2,4-Trichlorobenzene	21.90	180	1109276	9.384	ppbv	96

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



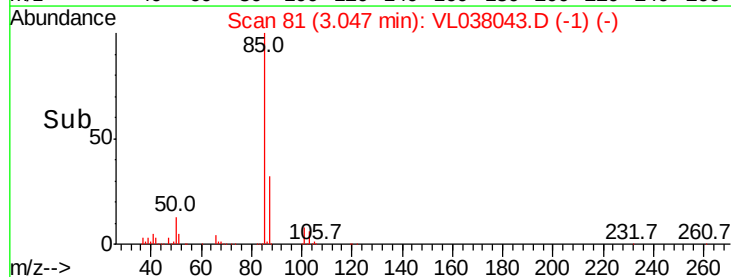
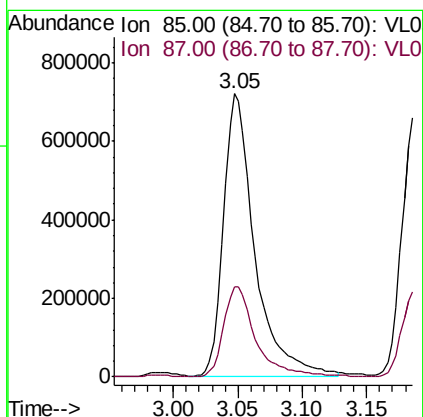
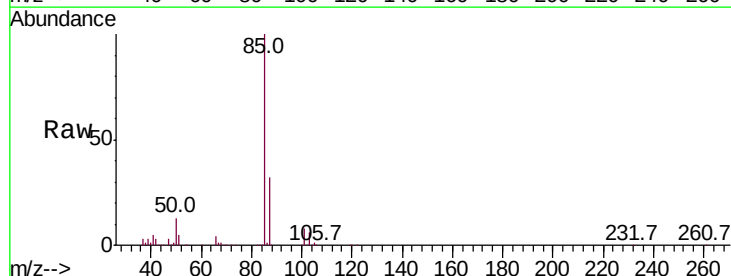
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 17:18

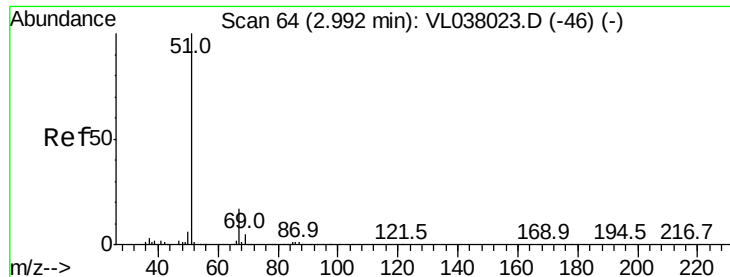
Tot Ion: 49 Resp: 865519
 Ion Ratio Lower Upper
 49 100
 128 52.6 23.4 70.2
 130 64.5 29.1 87.3



#2
 Dichlorodifluoromethane
 Concen: 6.836 ppbv
 RT: 3.05 min Scan# 81
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

Tgt Ion: 85 Resp: 1203690
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.9 38.9





#3

Chlorodifluoromethane

Concen: 6.597 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

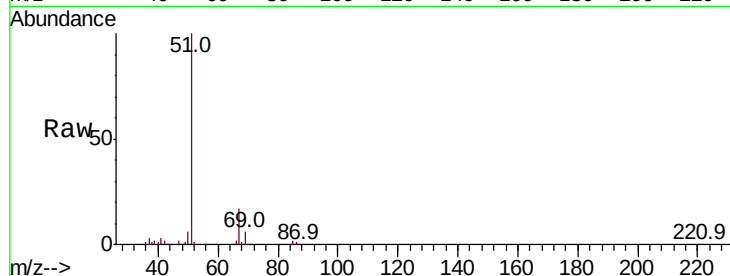
Acq: 16 Nov 2021 17:18

Tot Ion: 51 Resp: 1484313

Ion Ratio Lower Upper

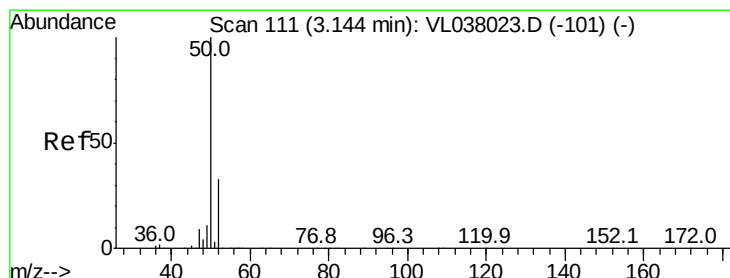
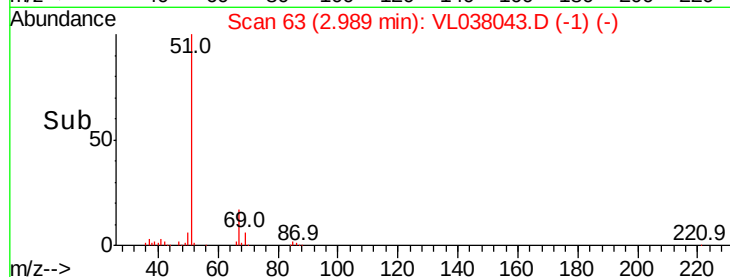
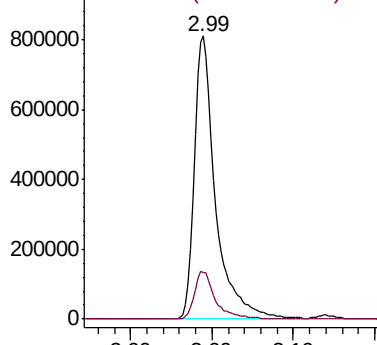
51 100

67 17.0 13.5 20.3



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 6.071 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL038043.D

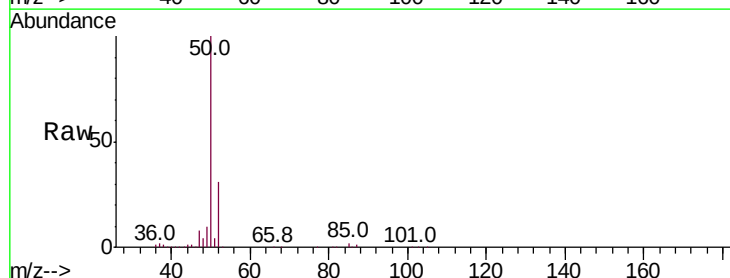
Acq: 16 Nov 2021 17:18

Tgt Ion: 50 Resp: 486100

Ion Ratio Lower Upper

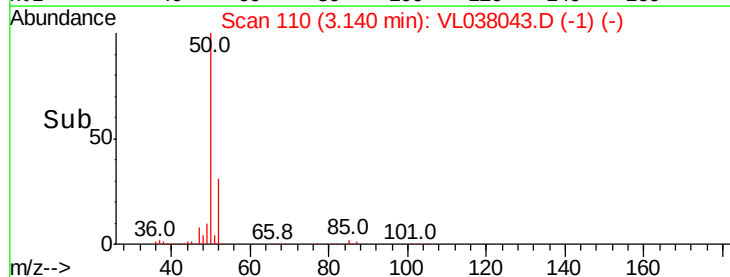
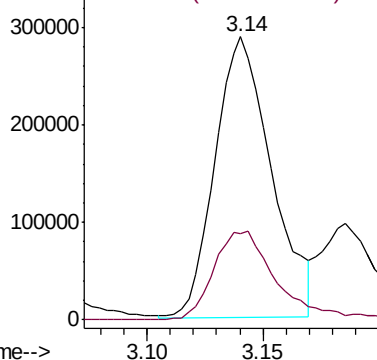
50 100

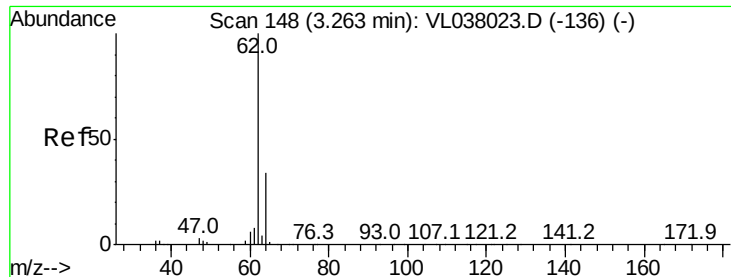
52 31.0 26.4 39.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 6.185 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

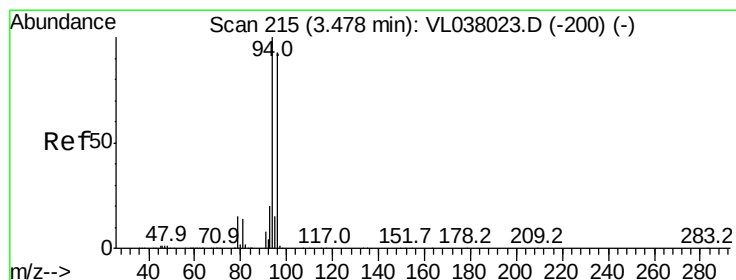
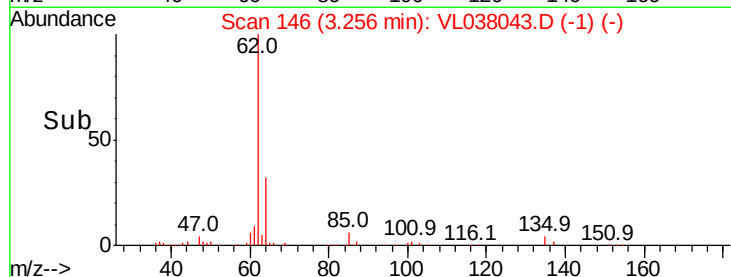
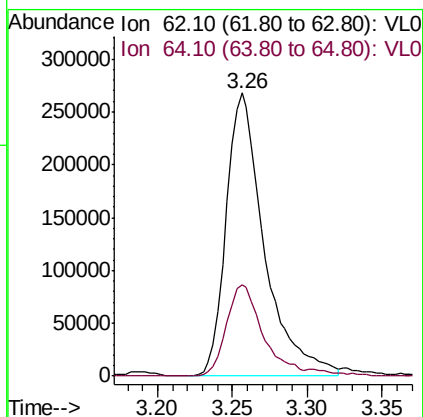
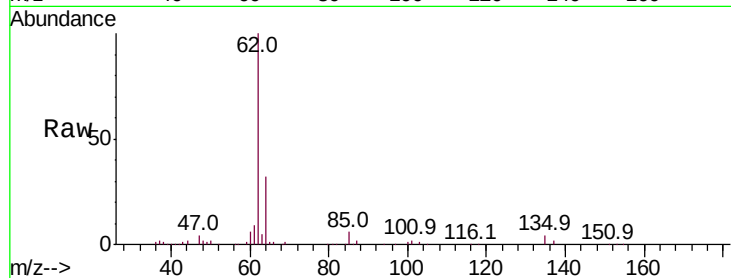
Acq: 16 Nov 2021 17:18

Tot Ion: 62 Resp: 475310

Ion Ratio Lower Upper

62 100

64 32.1 27.4 41.0



#6

Bromomethane

Concen: 5.960 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.01 min

Lab File: VL038043.D

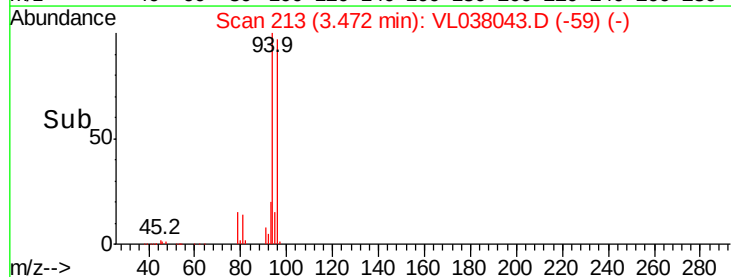
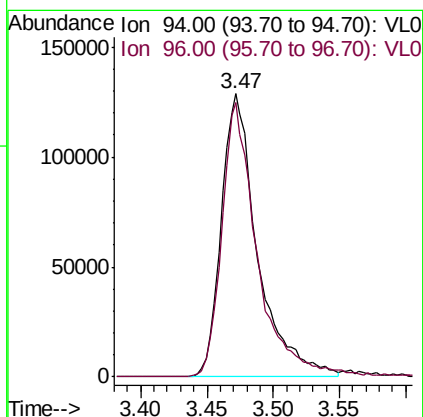
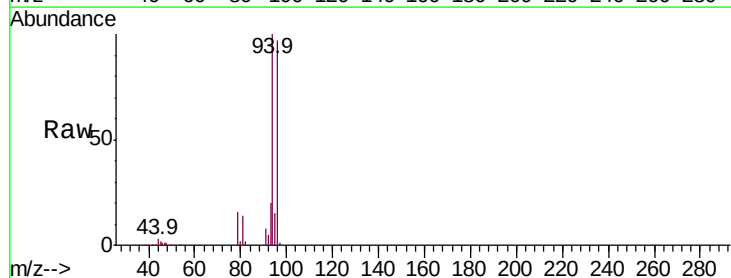
Acq: 16 Nov 2021 17:18

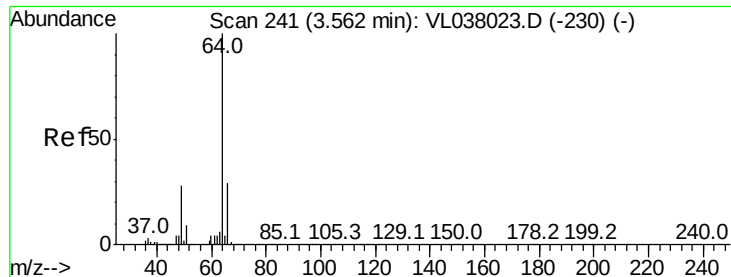
Tgt Ion: 94 Resp: 244822

Ion Ratio Lower Upper

94 100

96 96.8 74.8 112.2





#7

Chloroethane

Concen: 6.055 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

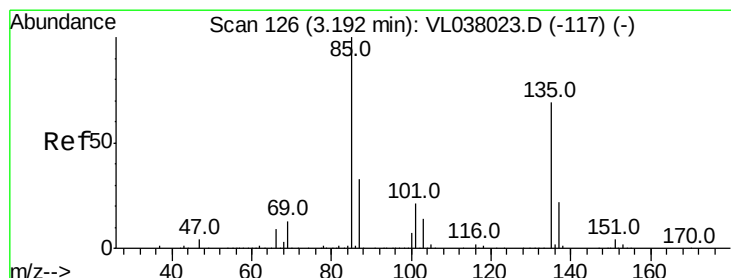
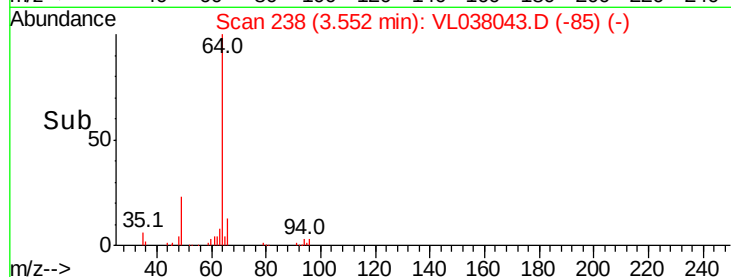
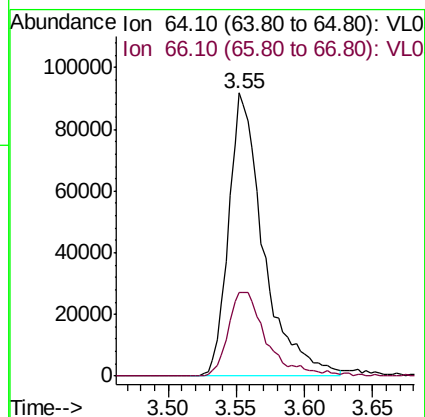
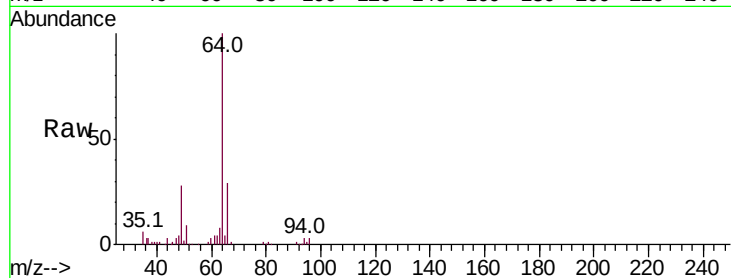
Acq: 16 Nov 2021 17:18

Tot Ion: 64 Resp: 163669

Ion Ratio Lower Upper

64 100

66 29.4 23.1 34.7



#8

Dichlorotetrafluoroethane

Concen: 6.063 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.01 min

Lab File: VL038043.D

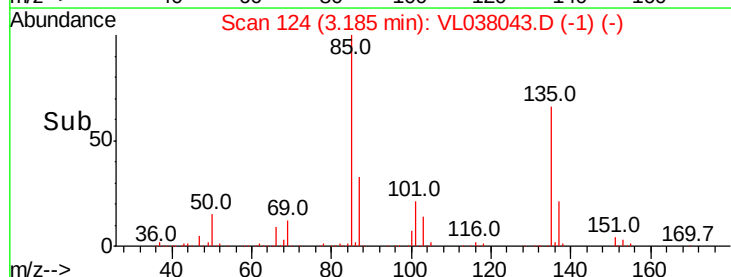
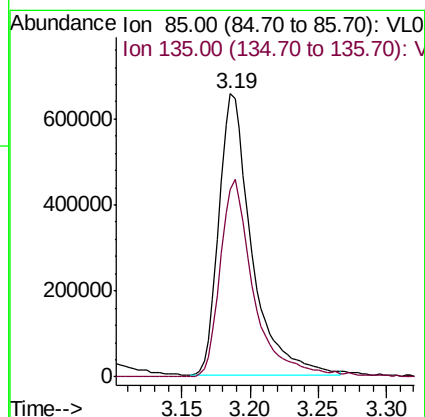
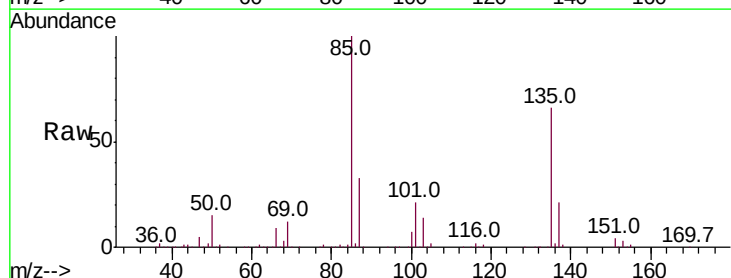
Acq: 16 Nov 2021 17:18

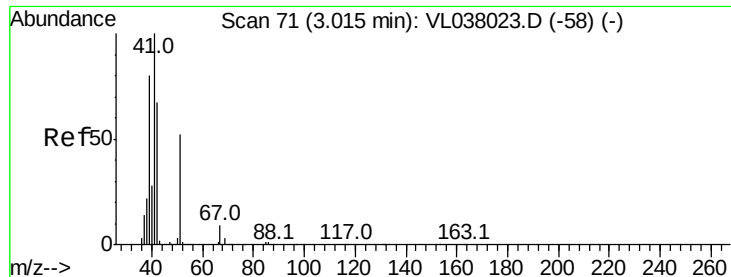
Tgt Ion: 85 Resp: 1105722

Ion Ratio Lower Upper

85 100

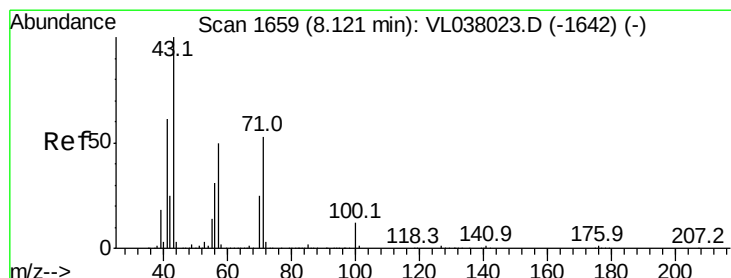
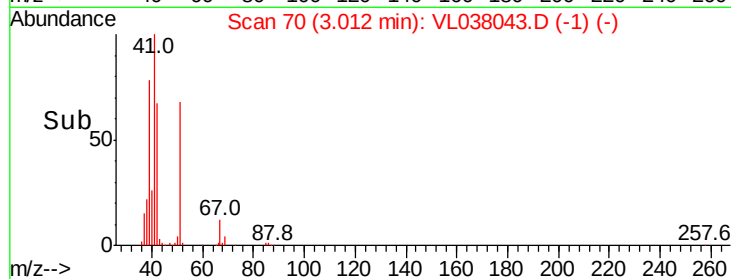
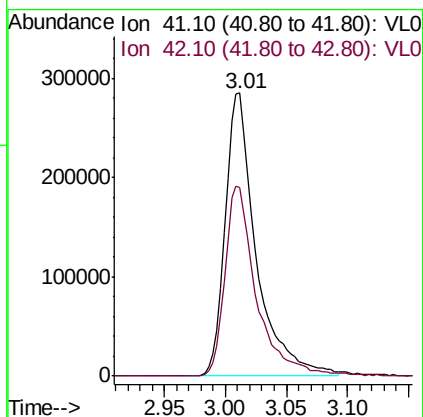
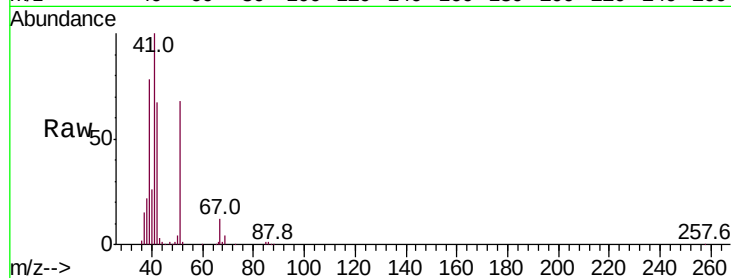
135 72.0 57.0 85.6





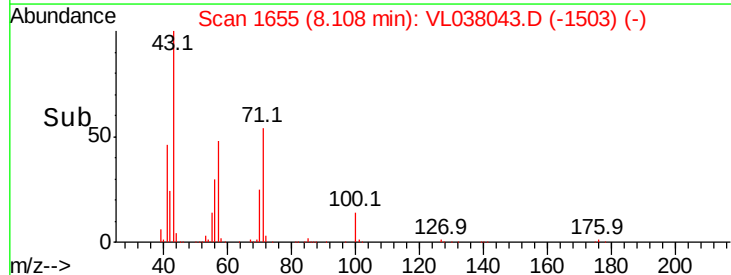
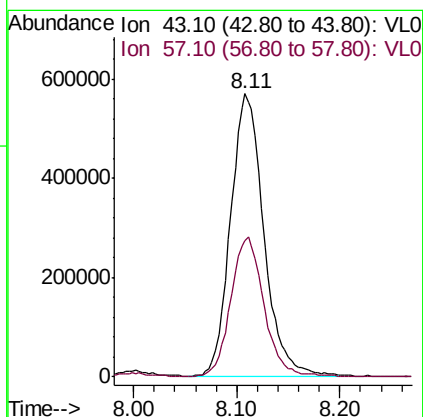
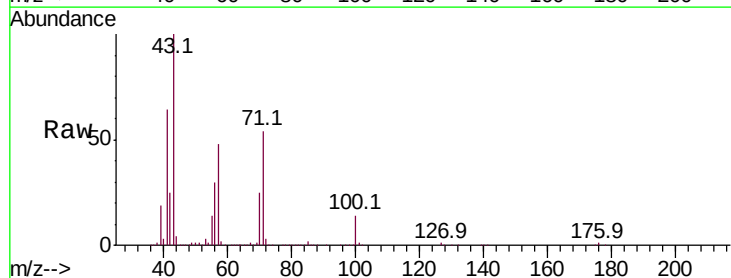
#9
 Propene
 Concen: 5.988 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 17:18

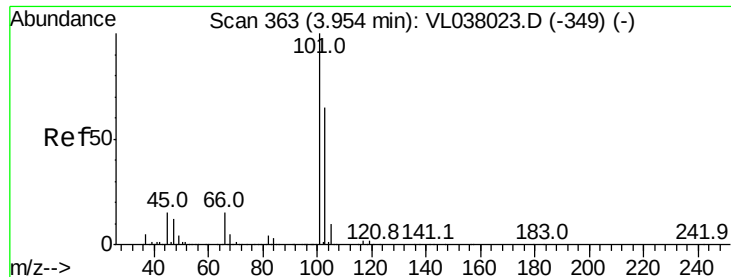
Tot Ion: 41 Resp: 508188
 Ion Ratio Lower Upper
 41 100
 42 68.5 55.4 83.0



#10
 Heptane
 Concen: 6.117 ppbv
 RT: 8.11 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

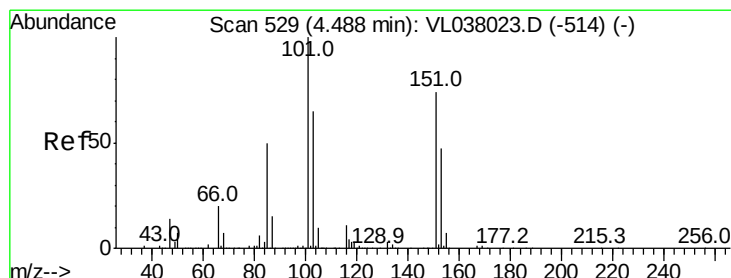
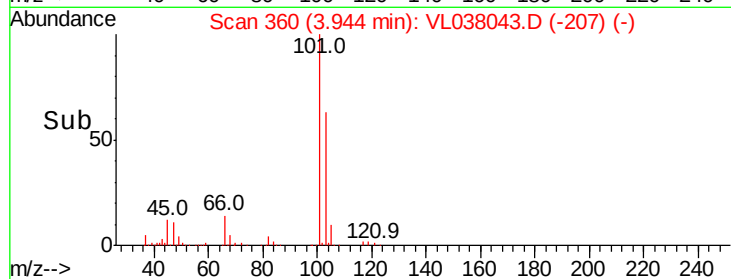
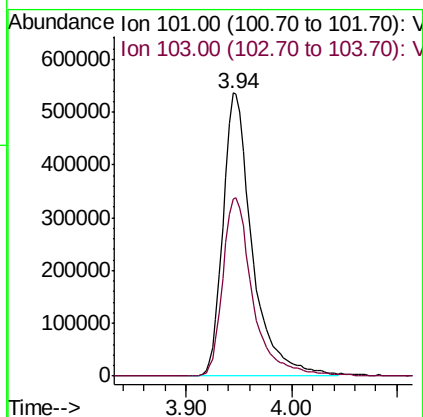
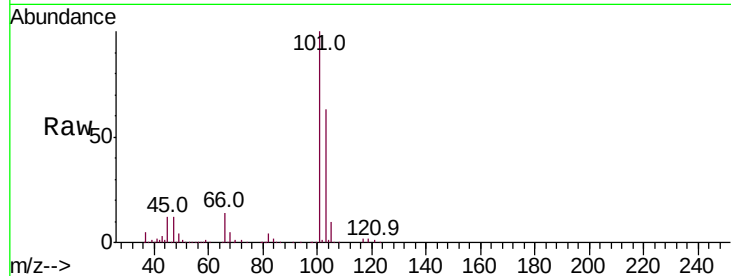
Tgt Ion: 43 Resp: 1277782
 Ion Ratio Lower Upper
 43 100
 57 49.5 40.2 60.2





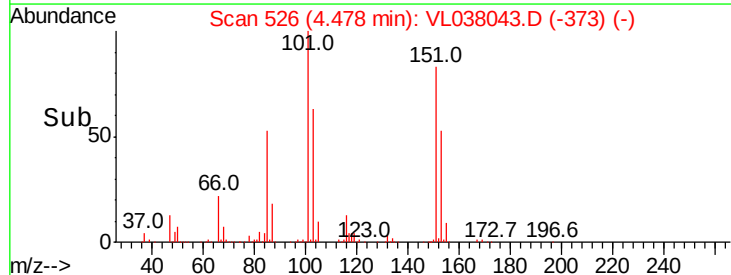
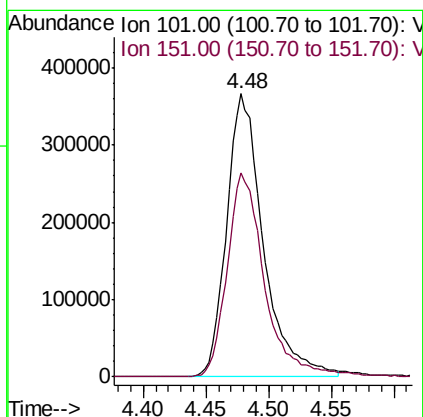
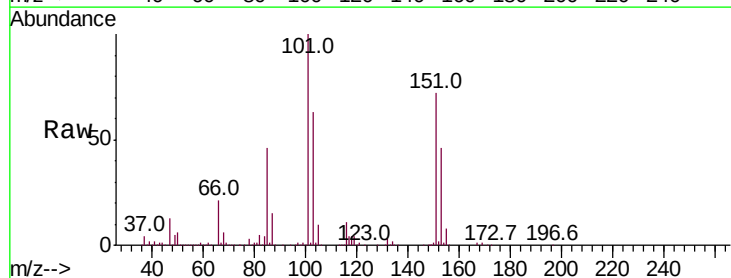
#11
 Trichlorofluoromethane
 Concen: 5.923 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 17:18

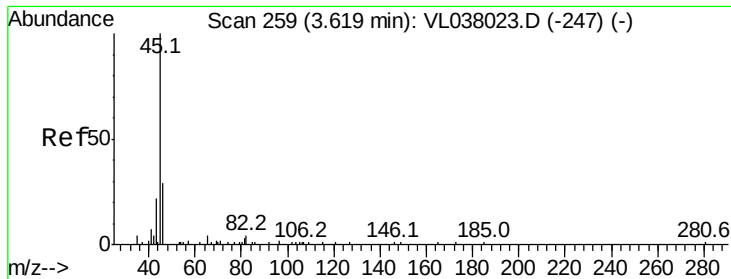
Tot Ion:101 Resp: 1030449
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.3 78.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.528 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

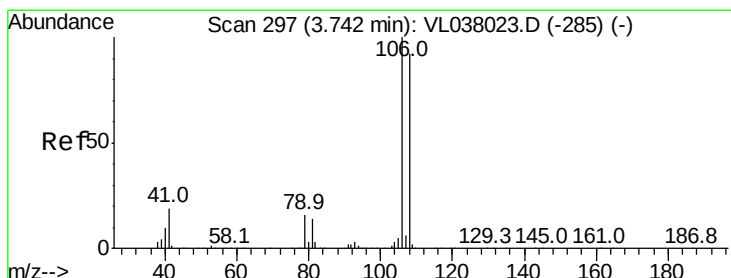
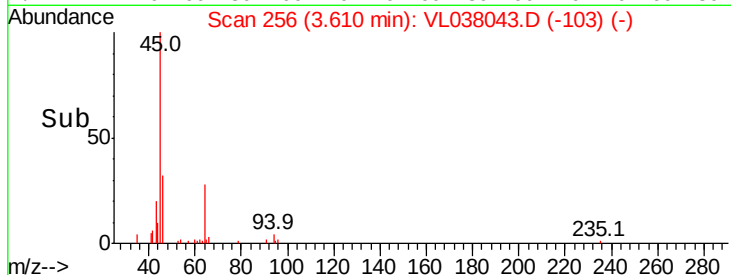
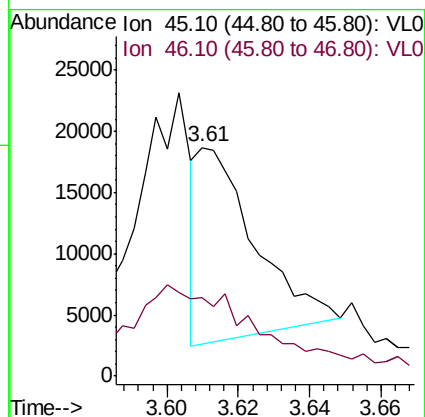
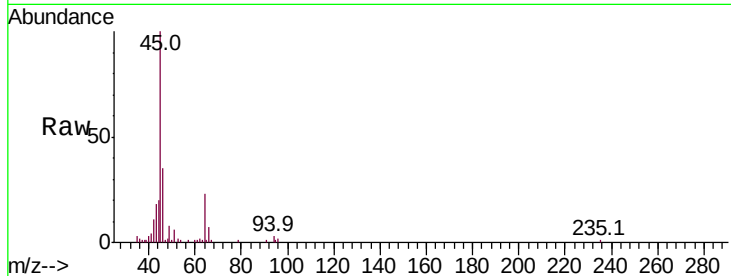
Tgt Ion:101 Resp: 745428
 Ion Ratio Lower Upper
 101 100
 151 73.7 57.8 86.8





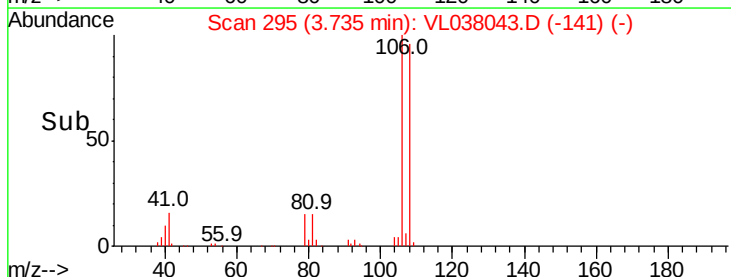
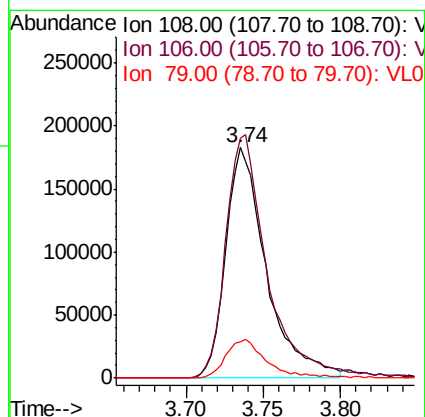
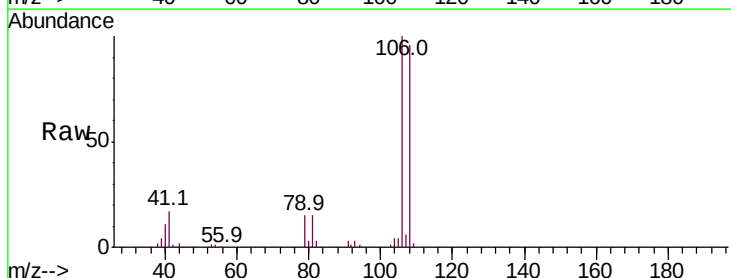
#13
 Ethanol
 Concen: 2.341 ppbv
 RT: 3.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 17:18

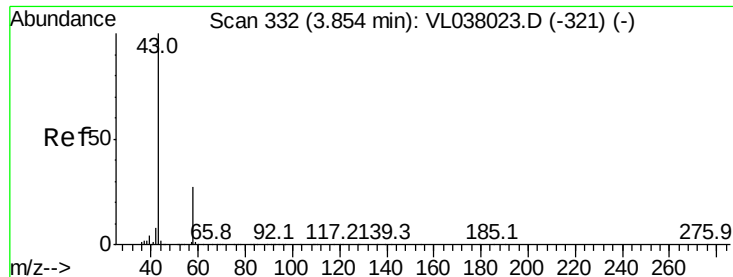
Tot Ion: 45 Resp: 17614
 Ion Ratio Lower Upper
 45 100
 46 0.0 0.0 0.0



#14
 Bromoethene
 Concen: 5.899 ppbv
 RT: 3.74 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

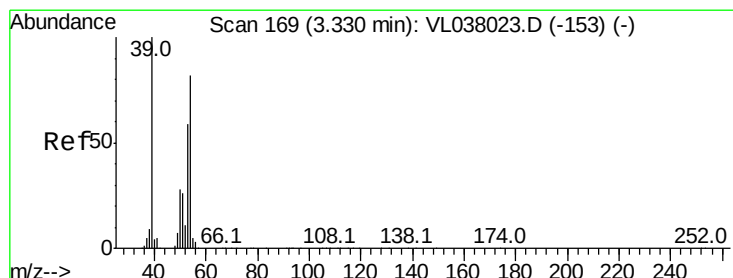
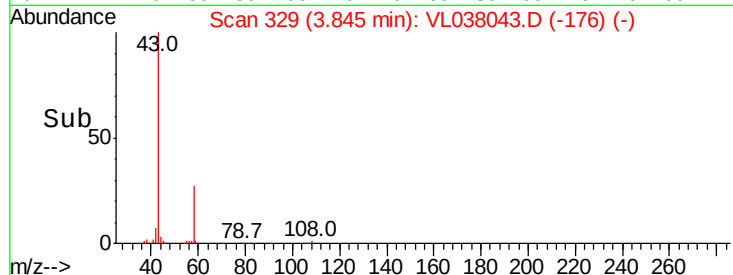
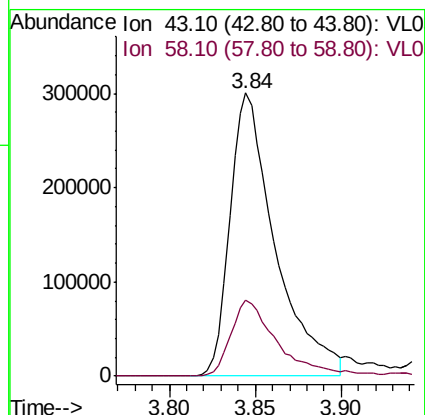
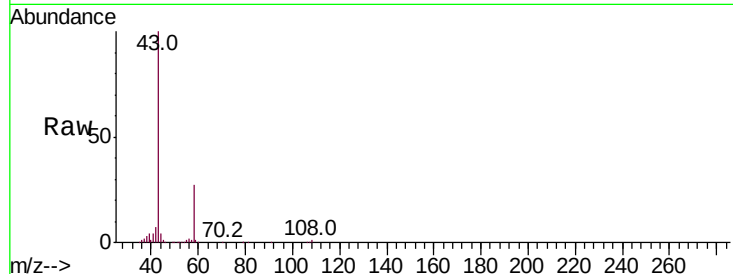
Tgt Ion: 108 Resp: 332571
 Ion Ratio Lower Upper
 108 100
 106 109.3 90.4 135.6
 79 17.4 14.5 21.7





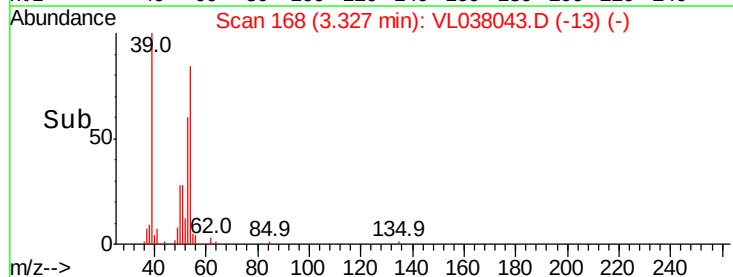
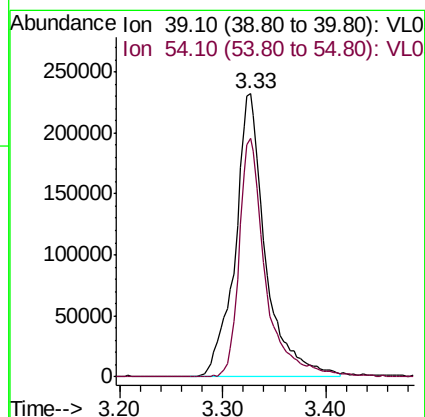
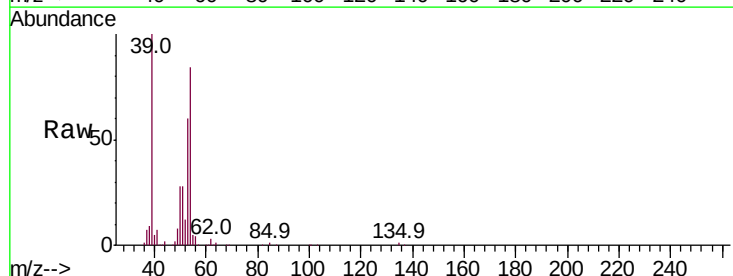
#15
Acetone
Concen: 5.403 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 17:18

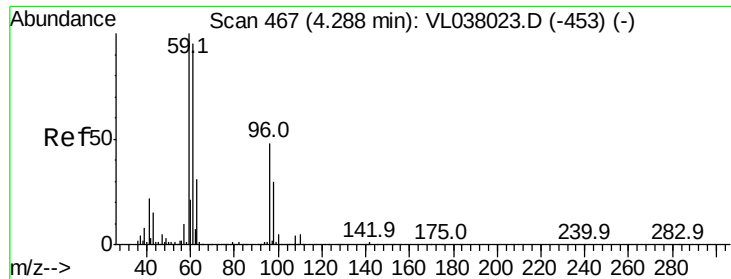
Tot Ion: 43 Resp: 549802
Ion Ratio Lower Upper
43 100
58 28.0 23.0 34.4



#16
1,3-Butadiene
Concen: 6.321 ppbv
RT: 3.33 min Scan# 168
Delta R.T. -0.00 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

Tgt Ion: 39 Resp: 476307
Ion Ratio Lower Upper
39 100
54 73.9 63.7 95.5





#17

tert-Butyl alcohol

Concen: 5.386 ppbv

RT: 4.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

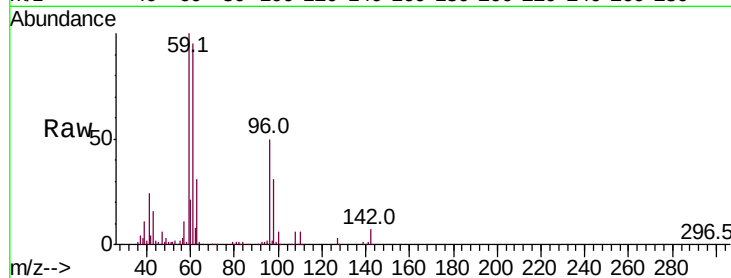
Acq: 16 Nov 2021 17:18

Tot Ion: 59 Resp: 736088

Ion Ratio Lower Upper

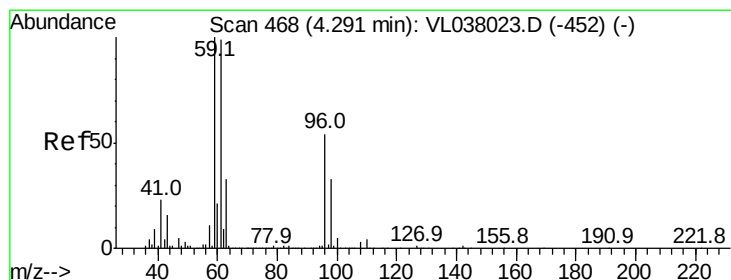
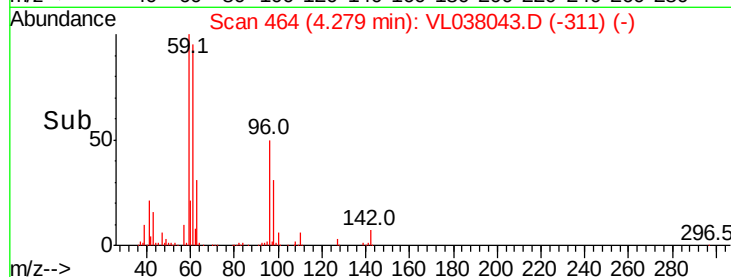
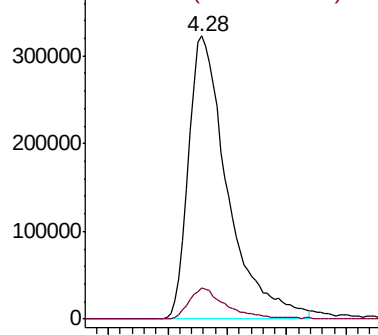
59 100

57 11.1 8.7 13.1



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene

Concen: 5.362 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

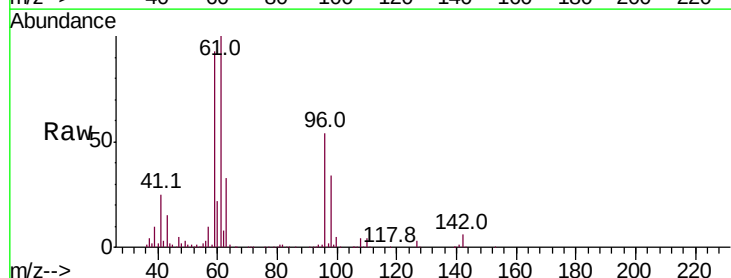
Tgt Ion: 96 Resp: 333721

Ion Ratio Lower Upper

96 100

61 184.2 145.2 217.8

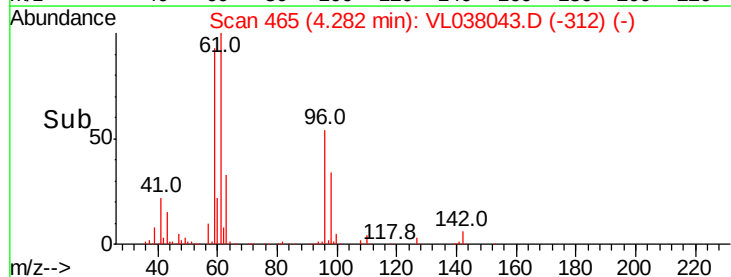
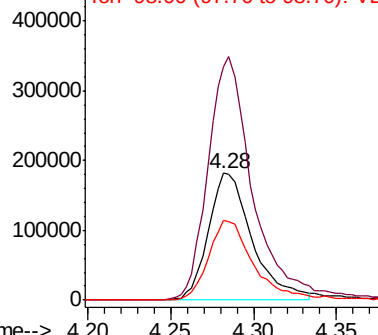
98 62.4 48.8 73.2

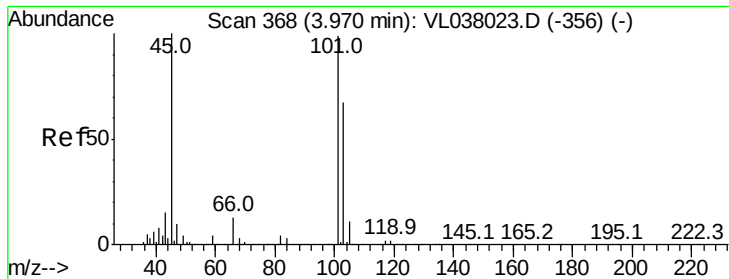


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

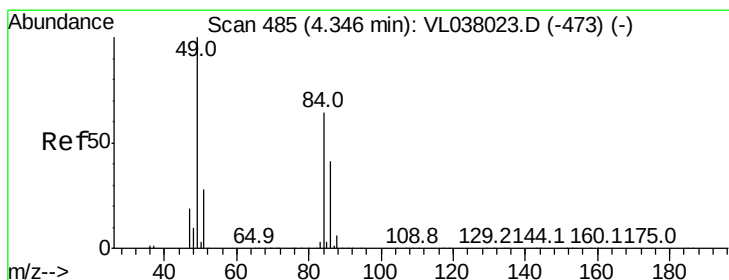
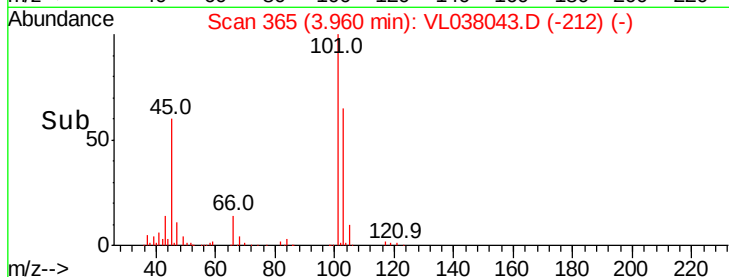
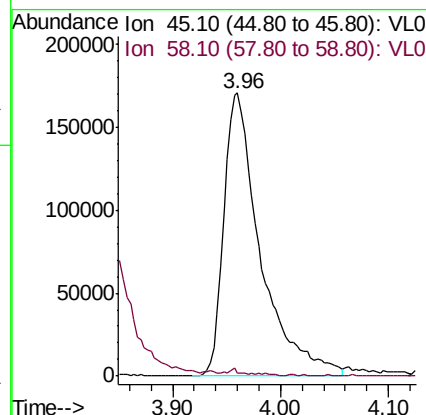
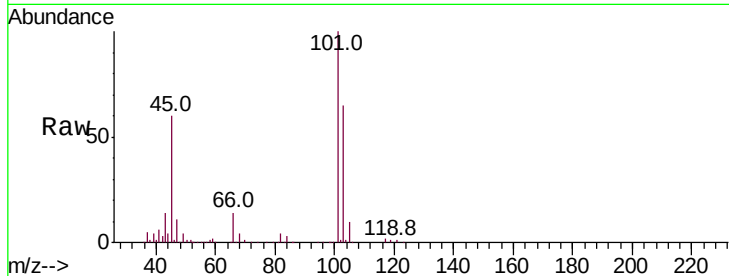
Ion 98.00 (97.70 to 98.70): VL0





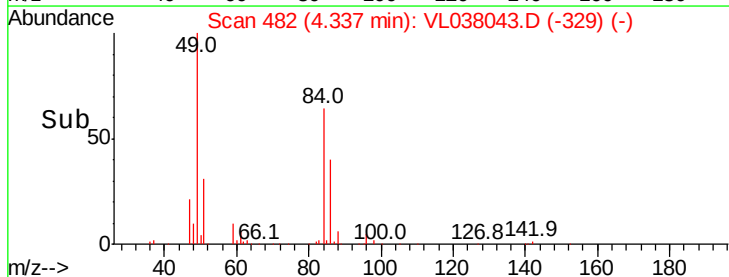
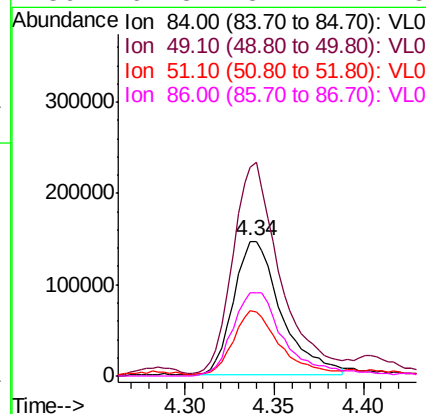
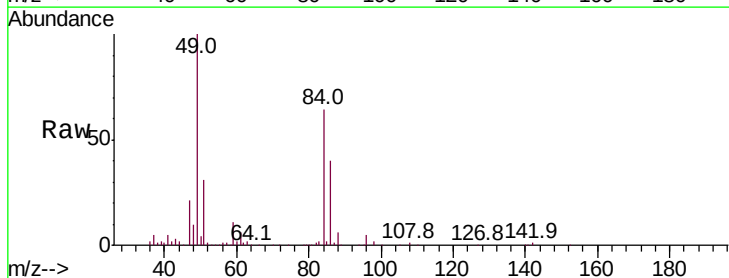
#19
Isopropyl Alcohol
Concen: 5.383 ppbv
RT: 3.96
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 17:18

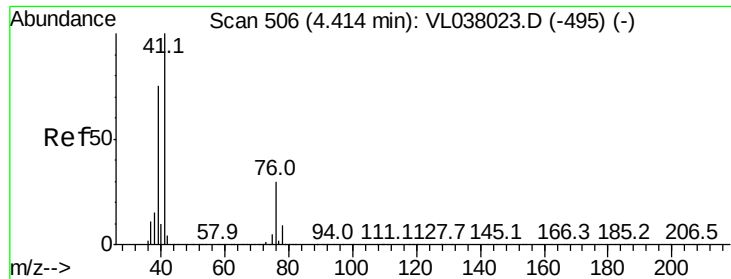
Tot Ion: 45 Resp: 401115
Ion Ratio Lower Upper
45 100
58 1.7 29.8 44.6#



#20
Methylene Chloride
Concen: 4.602 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

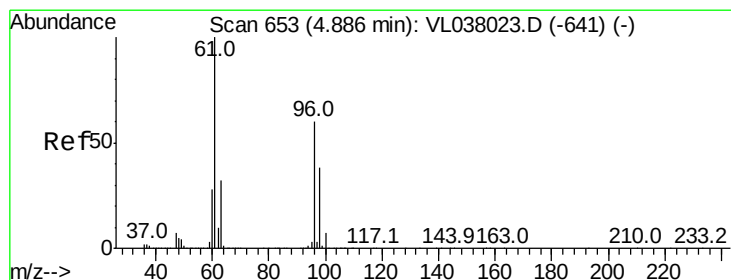
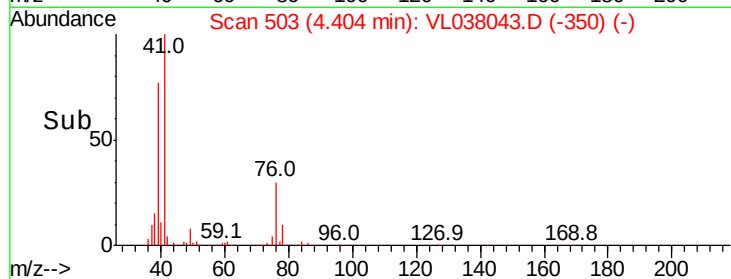
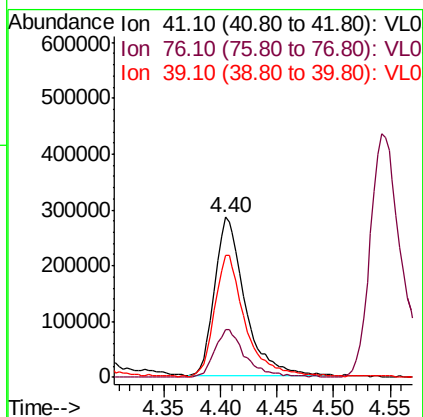
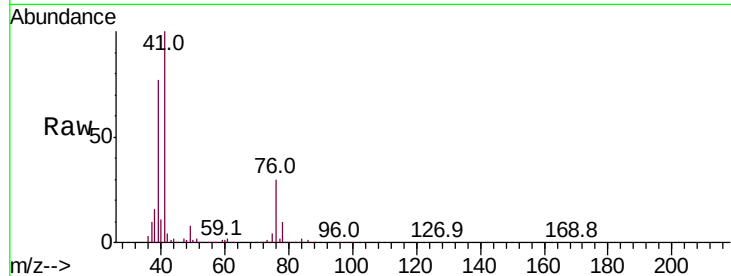
Tgt Ion: 84 Resp: 274673
Ion Ratio Lower Upper
84 100
49 154.8 125.1 187.7
51 47.7 35.3 52.9
86 61.8 51.7 77.5





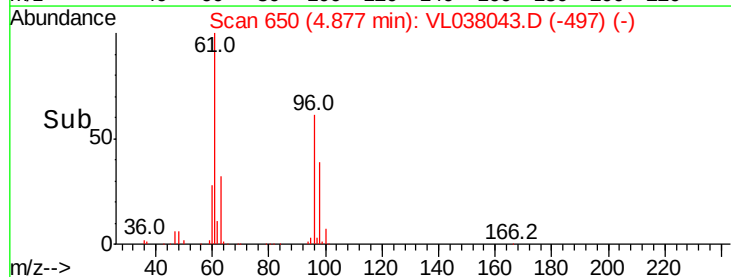
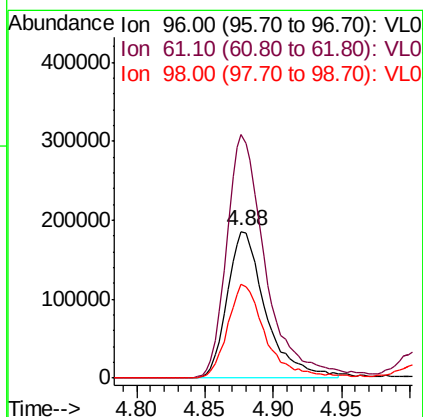
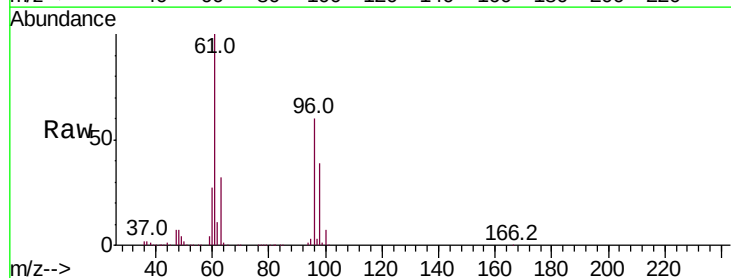
#21
 Allvl Chloride
 Concen: 5.171 ppbv
 RT: 4.40
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 17:18

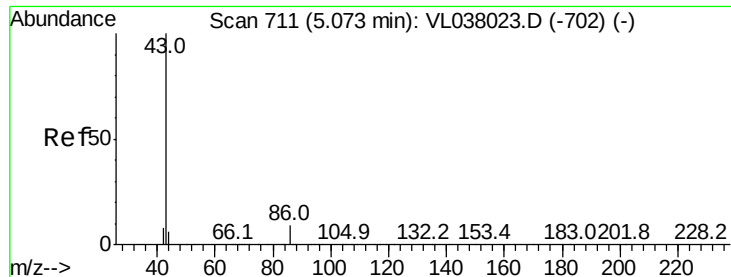
Tot Ion	Ratio	Lower	Upper
41	100		
76	31.1	24.6	37.0
39	77.2	60.6	90.8



#22
 trans-1,2-Dichloroethene
 Concen: 5.813 ppbv
 RT: 4.88 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

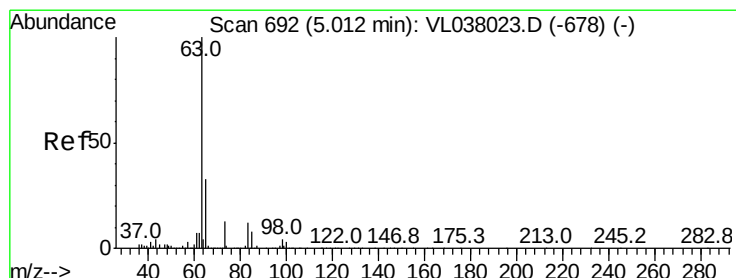
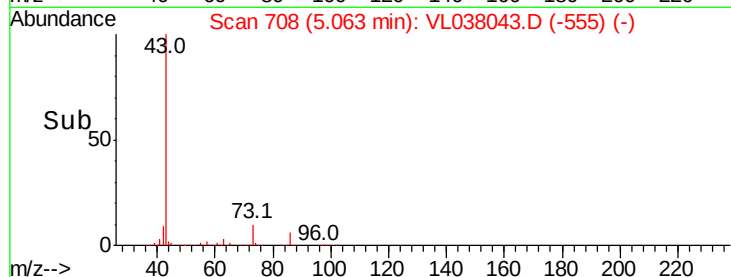
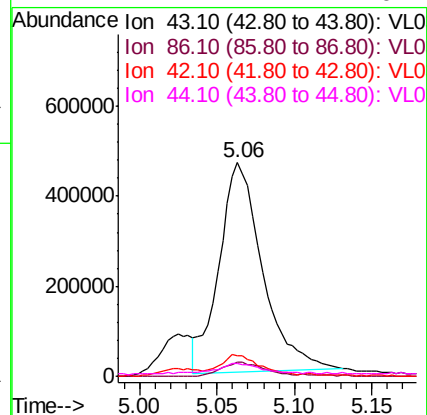
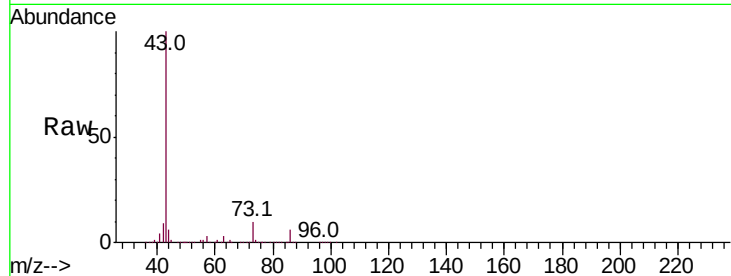
Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.0	134.2	201.4
98	64.1	51.3	76.9





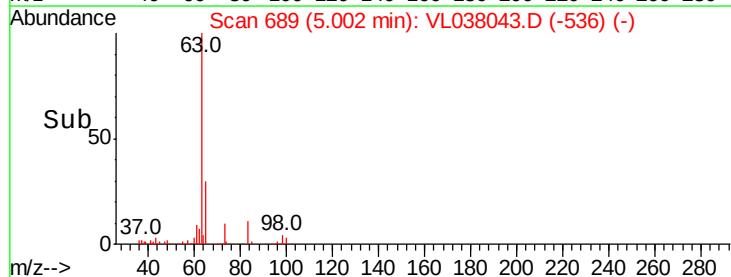
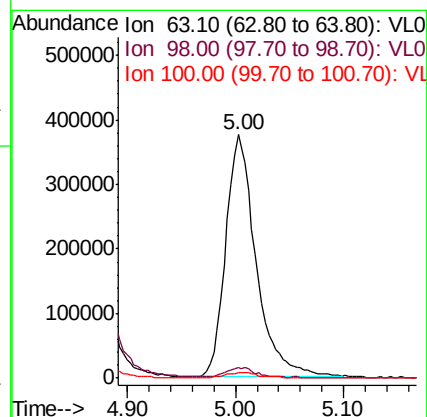
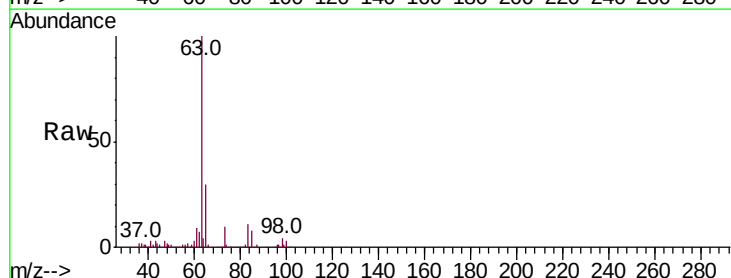
#23
 Vinyl Acetate
 Concen: 5.383 ppbv
 RT: 5.06
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 17:18

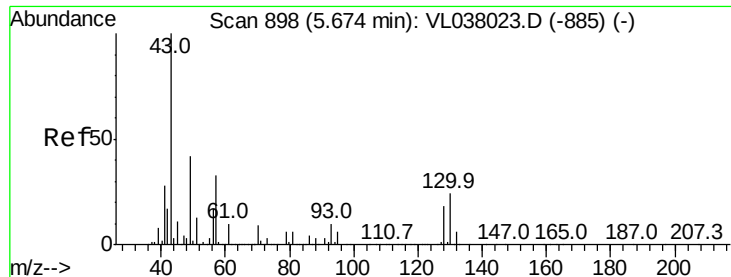
Tot Ion:	43	Resp:	907212
Ion	Ratio	Lower	Upper
43	100		
86	6.5	5.9	8.9
42	9.2	7.4	11.2
44	4.7	4.1	6.1



#24
 1,1-Dichloroethane
 Concen: 5.579 ppbv
 RT: 5.00 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

Tgt Ion:	63	Resp:	733424
Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.3	6.9
100	2.5	1.5	4.4

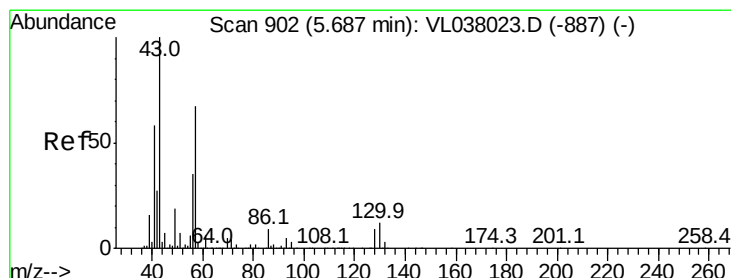
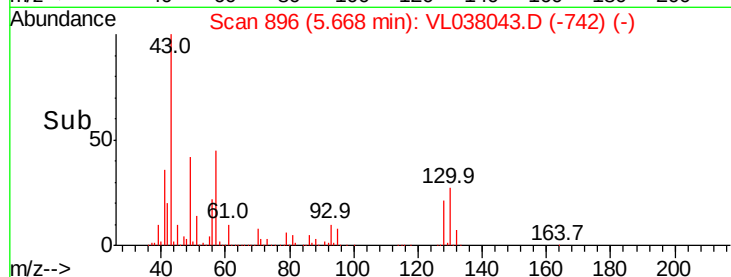
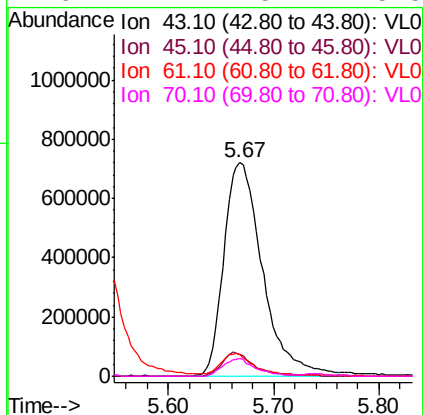
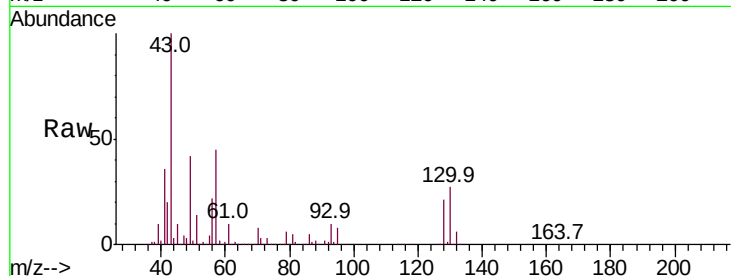




#25
Ethyl Acetate
Concen: 7.611 ppbv
RT: 5.67 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 17:18

Tot Ion: 43 Resp: 1821873

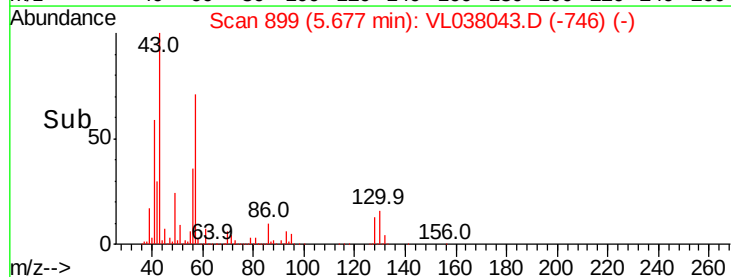
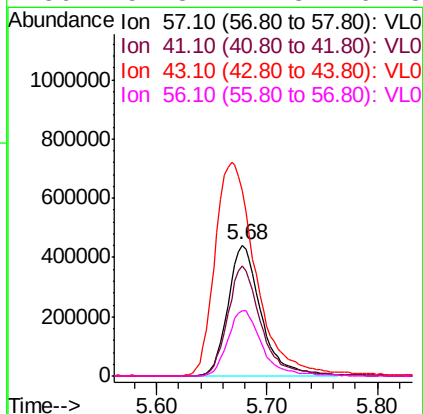
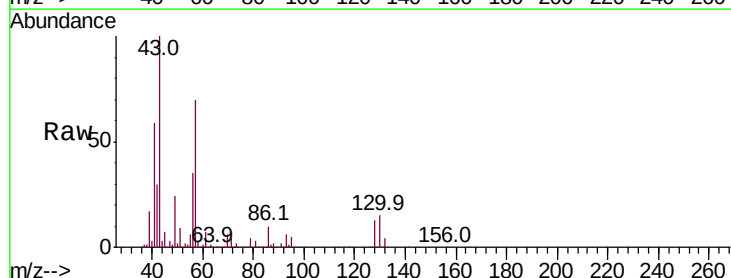
Ion	Ratio	Lower	Upper
43	100		
45	9.7	8.0	12.0
61	9.5	8.3	12.5
70	7.1	5.7	8.5

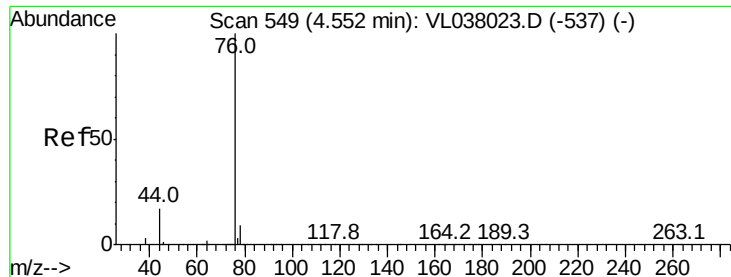


#26
Hexane
Concen: 7.671 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

Tgt Ion: 57 Resp: 922535

Ion	Ratio	Lower	Upper
57	100		
41	85.3	70.8	106.2
43	200.9	169.4	254.0
56	51.8	41.8	62.8





#27

Carbon Disulfide

Concen: 5.532 ppbv

RT: 4.54 Instrument: MSVOA_1

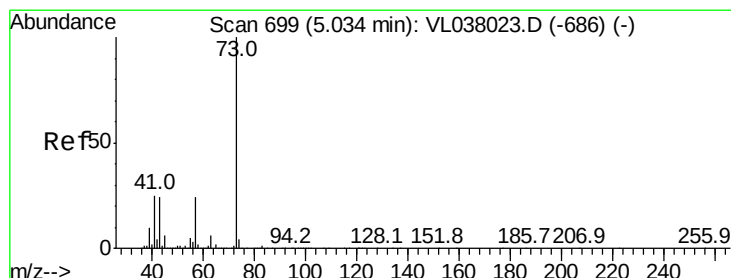
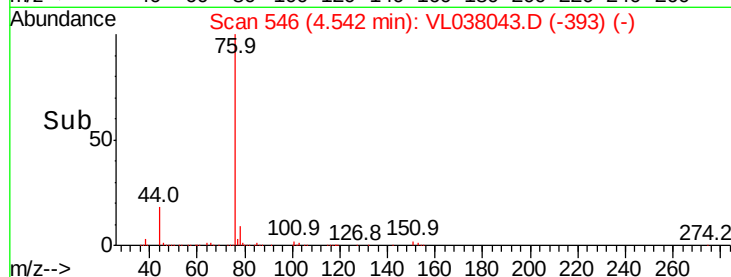
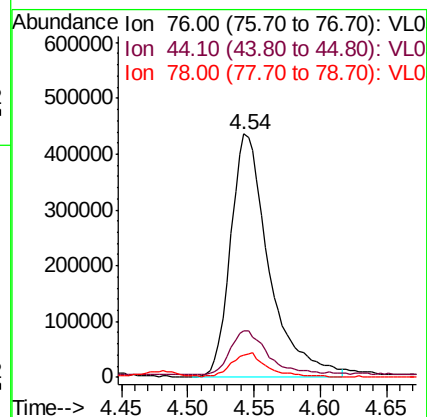
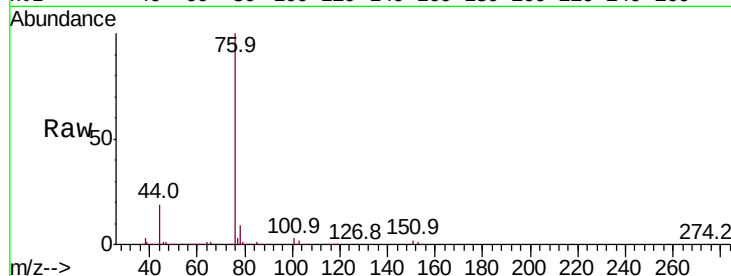
Delta R.T. ClientSampleId:

Lab File:

Acq: 16 Nov 2021 17:18

Tot Ion: 76 Resp: 872508

Ion	Ratio	Lower	Upper
76	100		
44	18.6	15.4	23.0
78	9.8	7.5	11.3



#28

Methyl tert-Butyl Ether

Concen: 4.883 ppbv

RT: 5.03 min Scan# 697

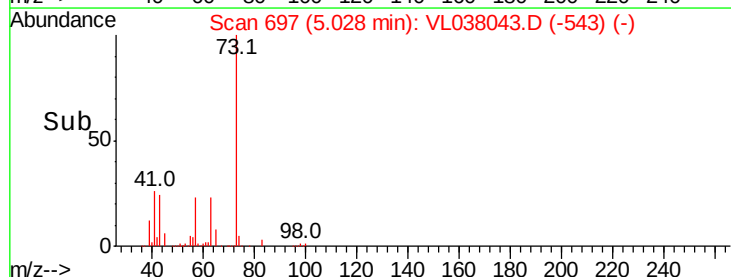
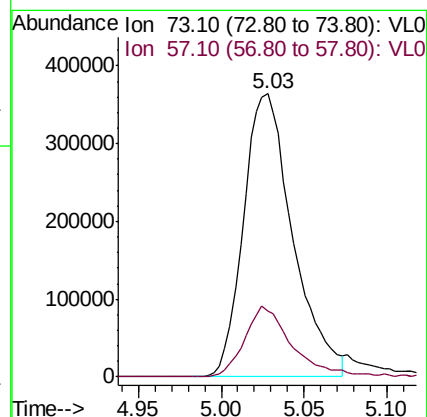
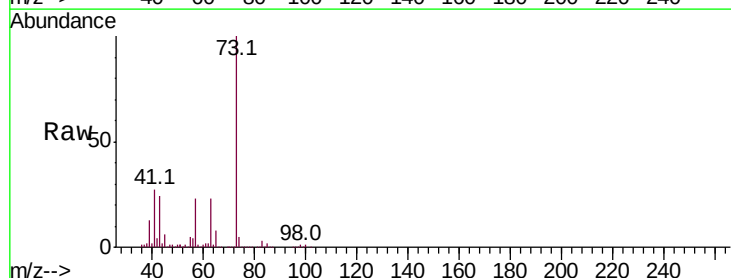
Delta R.T. -0.01 min

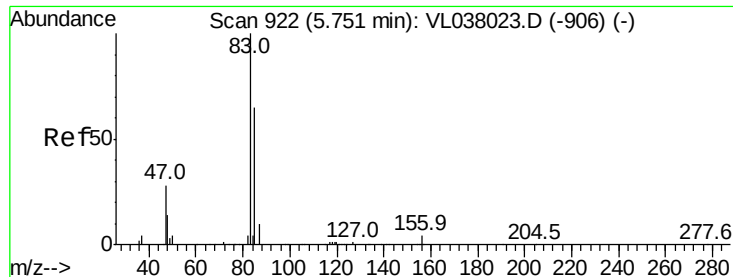
Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

Tgt Ion: 73 Resp: 753111

Ion	Ratio	Lower	Upper
73	100		
57	24.7	19.1	28.7





#29

Chloroform

Concen: 7.490 ppbv

RT: 5.74 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

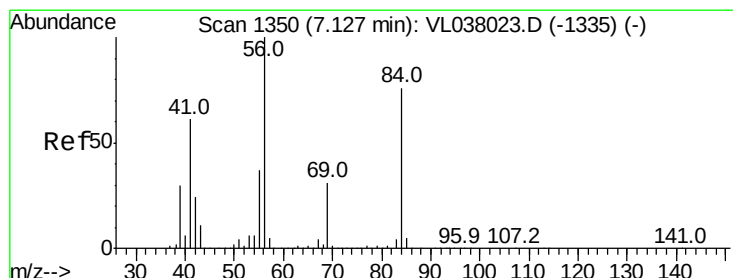
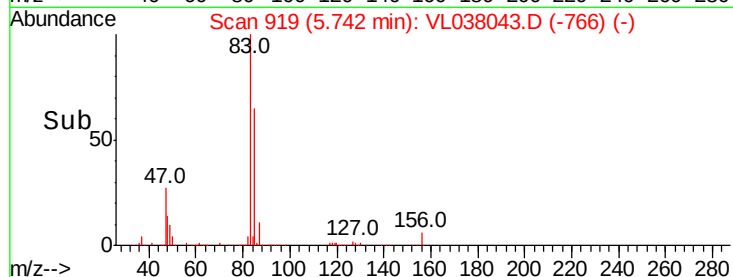
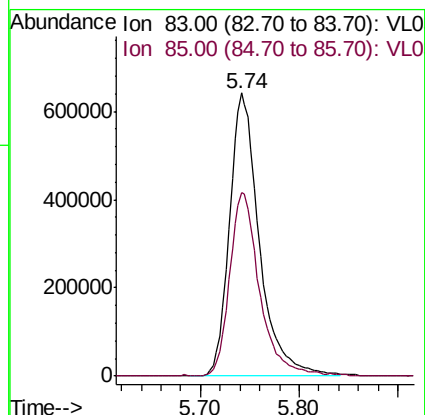
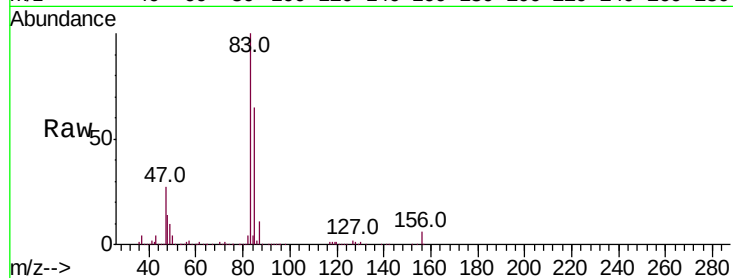
Acq: 16 Nov 2021 17:18

Tot Ion: 83 Resp: 1356764

Ion Ratio Lower Upper

83 100

85 64.6 52.1 78.1



#30

Cyclohexane

Concen: 6.092 ppbv

RT: 7.12 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

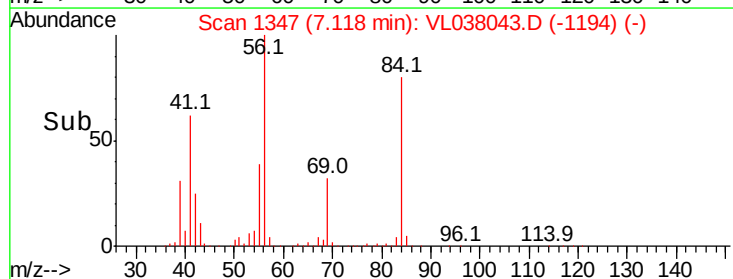
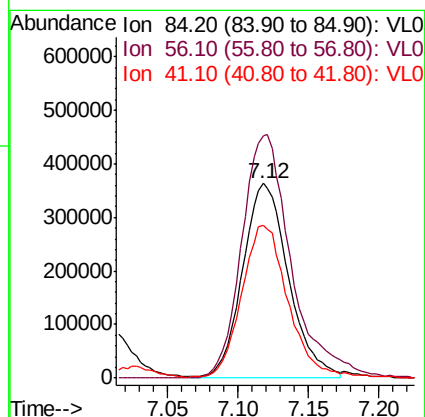
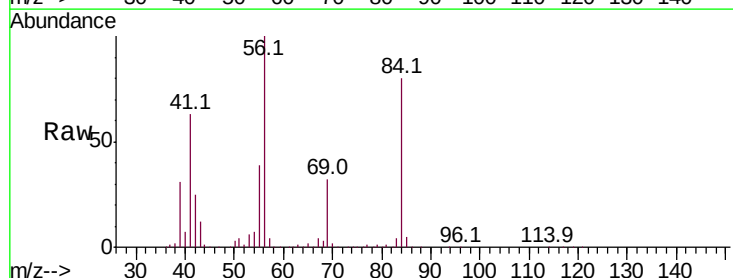
Tgt Ion: 84 Resp: 825090

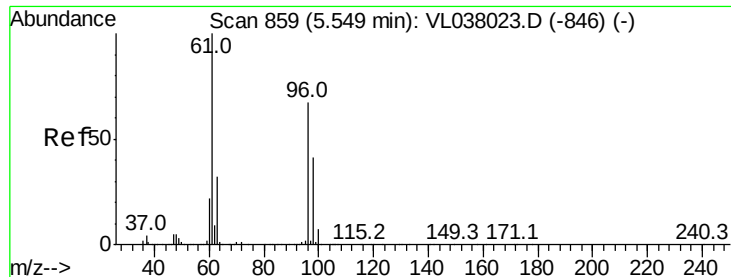
Ion Ratio Lower Upper

84 100

56 136.4 109.5 164.3

41 80.4 65.1 97.7





#31

cis-1,2-Dichloroethene

Concen: 8.868 ppbv

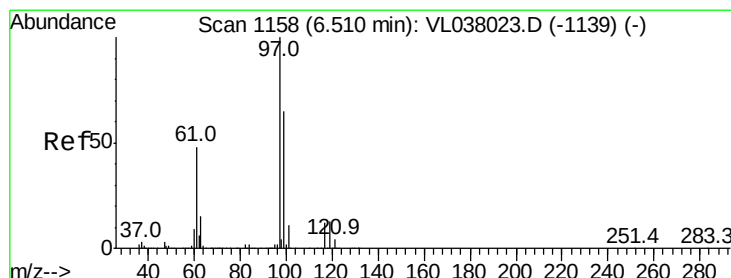
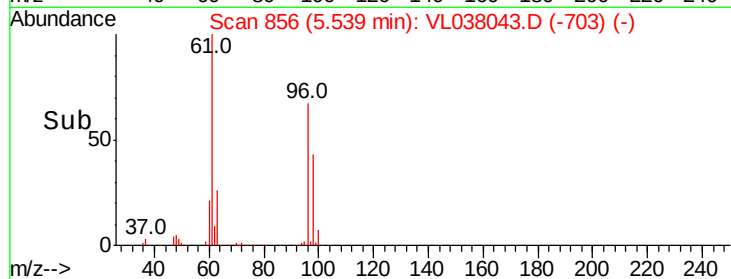
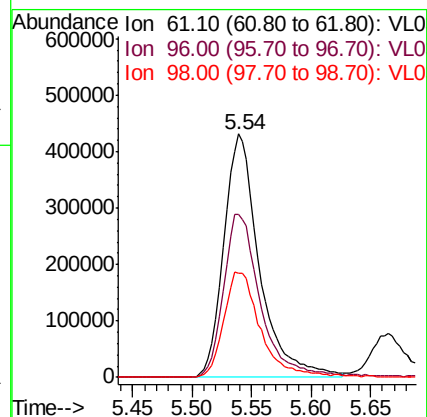
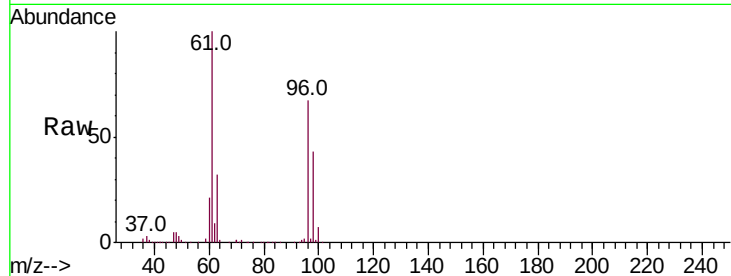
RT: 5.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 17:18

Tot Ion	Ratio	Lower	Upper
61	100		
96	67.1	53.9	80.9
98	42.7	32.8	49.2



#32

1,1,1-Trichloroethane

Concen: 6.129 ppbv

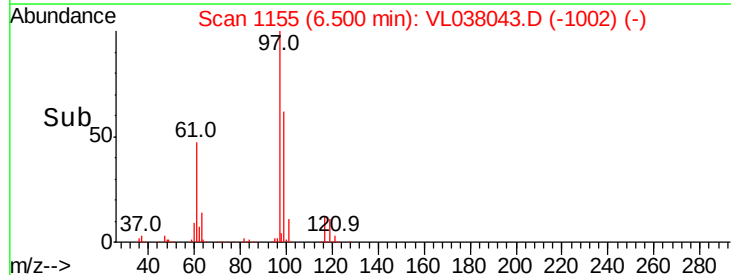
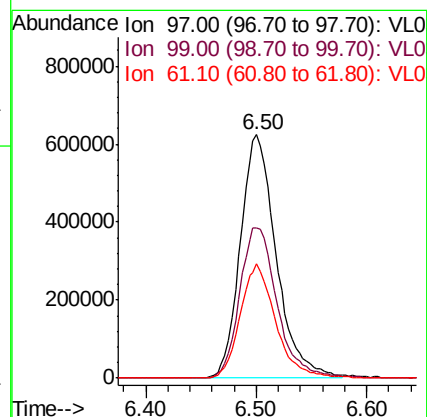
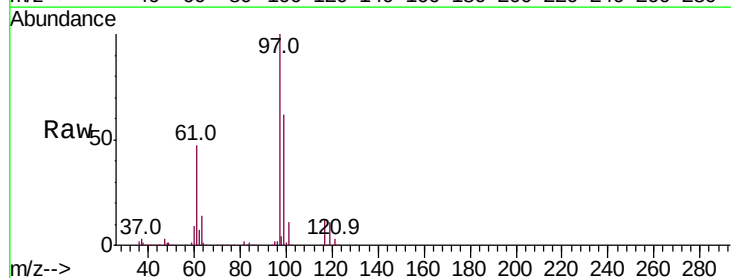
RT: 6.50 min Scan# 1155

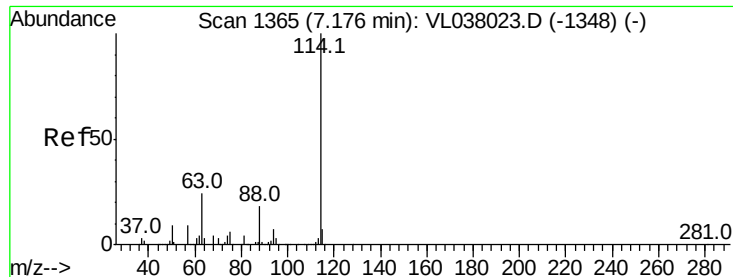
Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.9	77.9
61	46.2	37.7	56.5

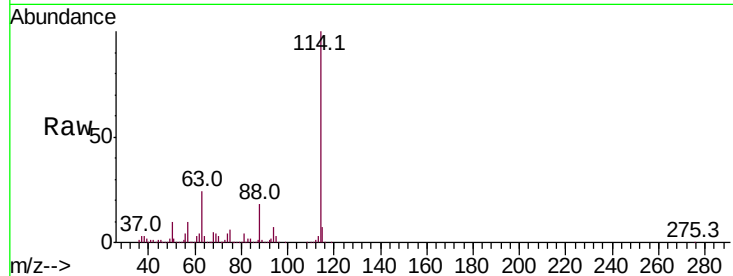




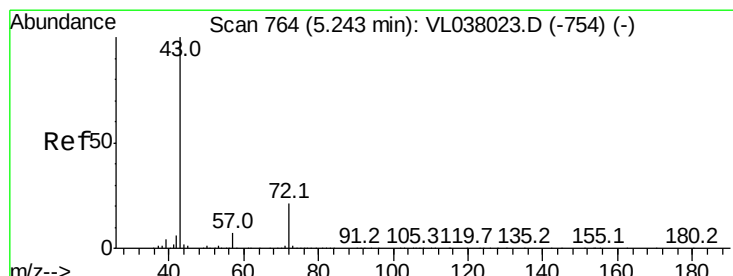
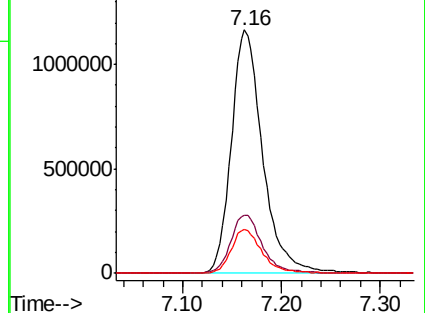
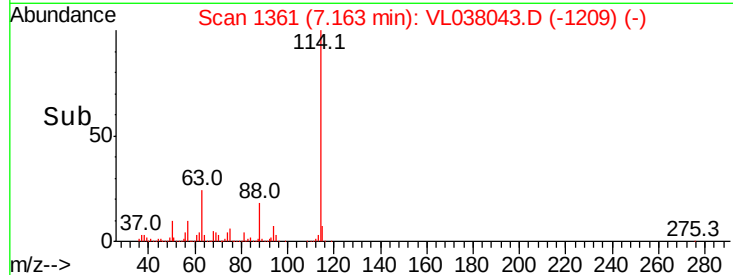
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 17:18

Tot Ion: 114 Resp: 2582071

Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.8	29.6
88	18.0	14.6	21.8



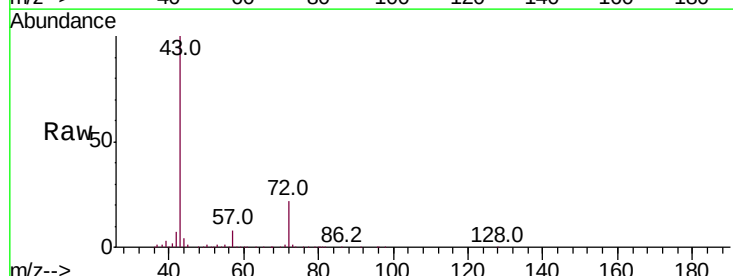
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



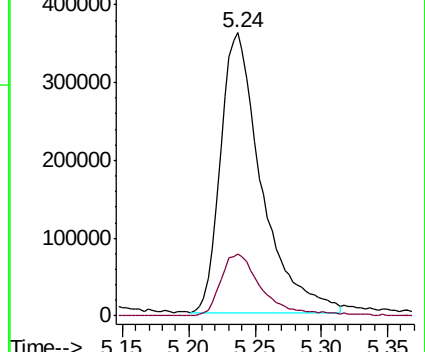
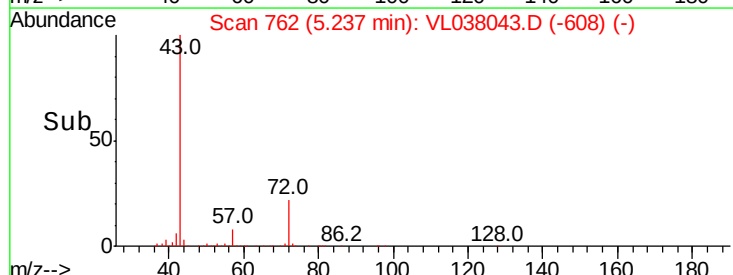
#34
 2-Butanone
 Concen: 9.093 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T.: -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

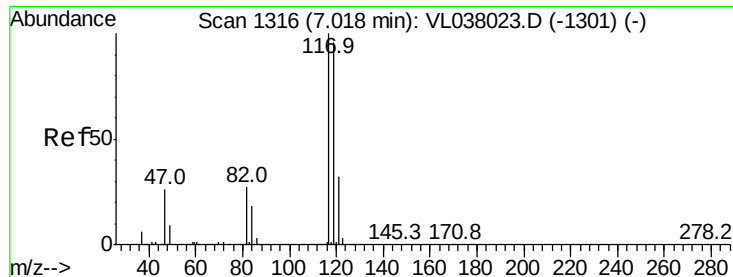
Tgt Ion: 43 Resp: 774433

Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.2	27.2



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 8.019 ppbv

RT: 7.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18

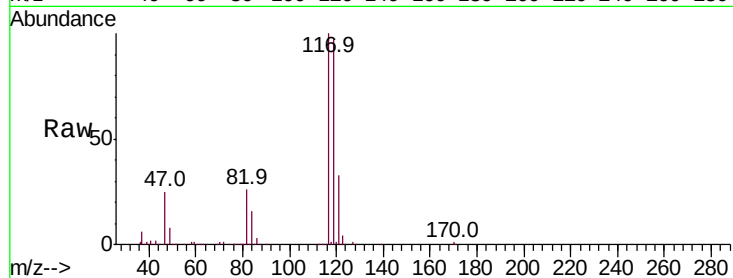
Tot Ion:117 Resp: 1431145

Ion Ratio Lower Upper

117 100

119 97.3 76.5 114.7

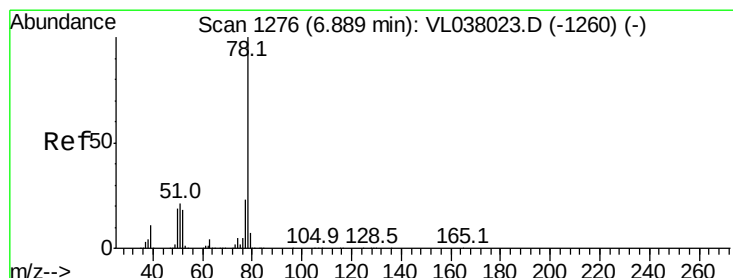
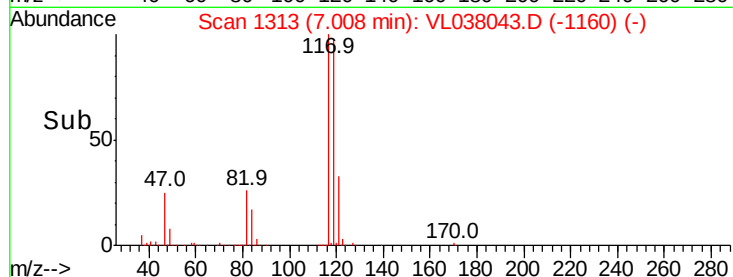
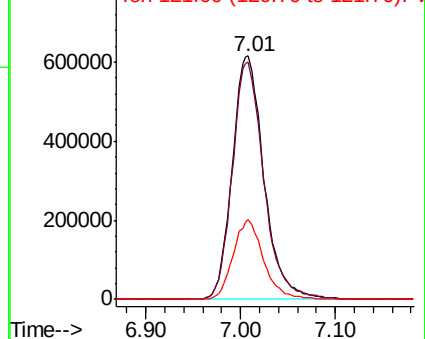
121 32.5 25.3 37.9



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: 8.130 ppbv

RT: 6.88 min Scan# 1272

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

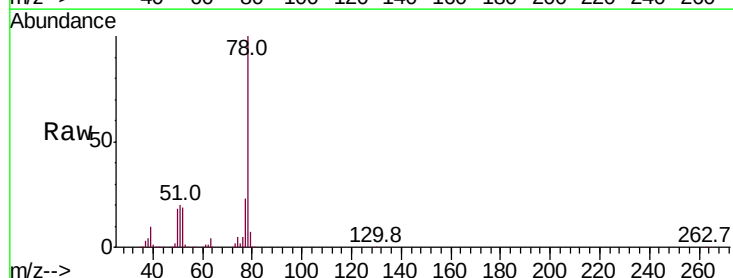
Tgt Ion: 78 Resp: 1996871

Ion Ratio Lower Upper

78 100

77 22.8 18.8 28.2

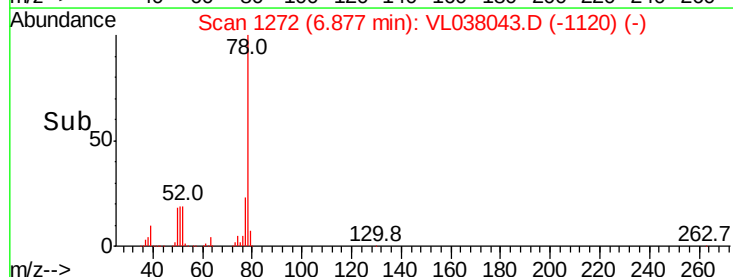
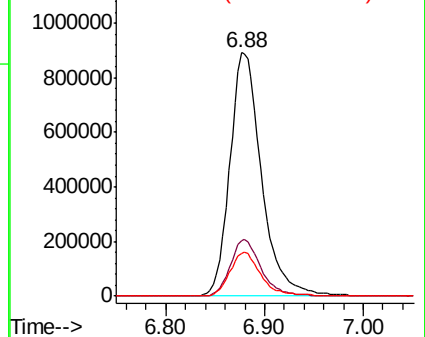
50 17.6 14.9 22.3

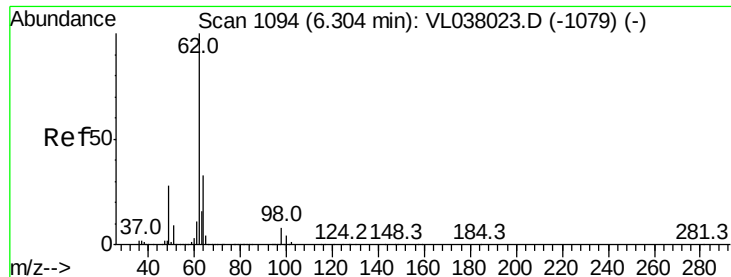


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

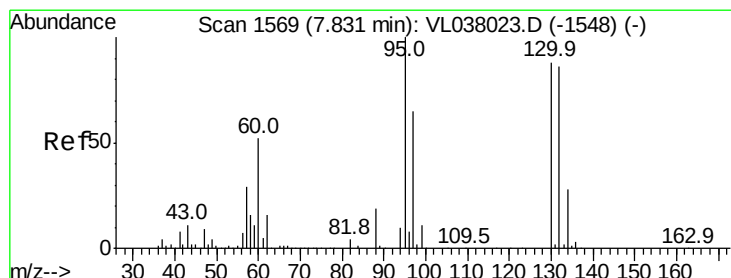
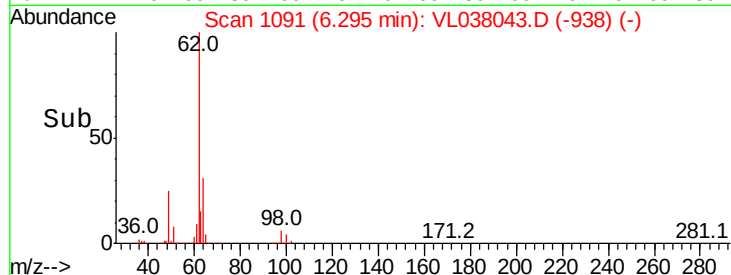
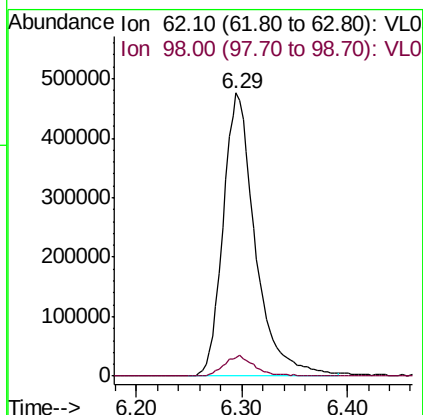
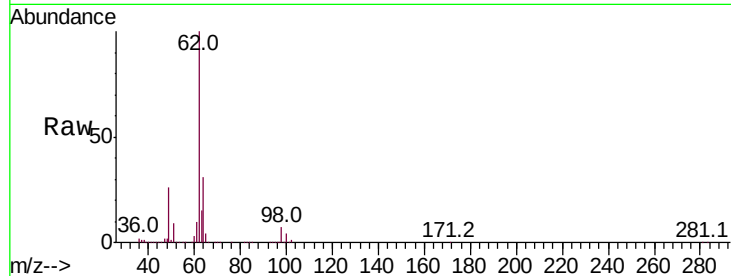
Ion 50.10 (49.80 to 50.80): VL0





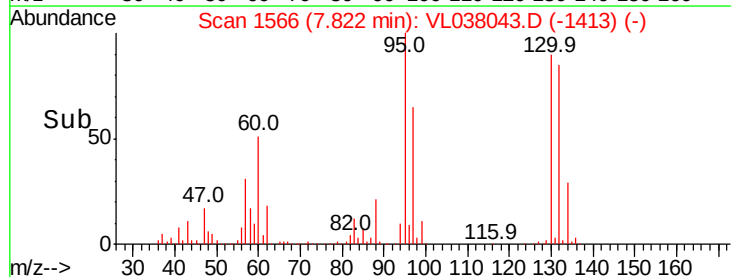
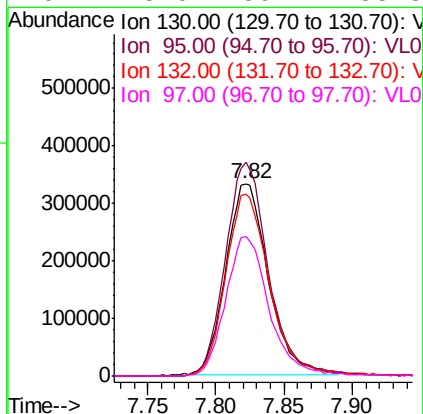
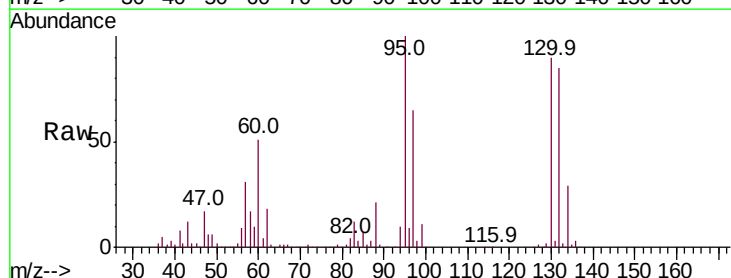
#37
 1,2-Dichloroethane
 Concen: 8.789 ppbv
 RT: 6.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 17:18

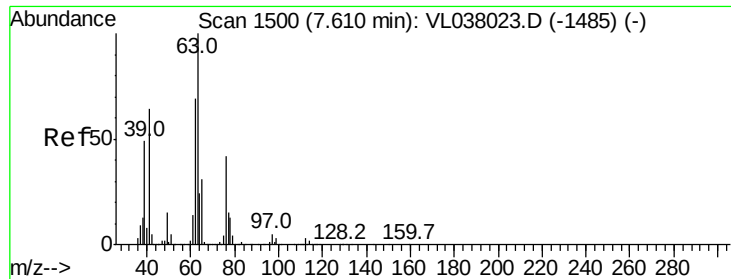
Tot Ion: 62 Resp: 1002032
 Ion Ratio Lower Upper
 62 100
 98 7.0 6.0 9.0



#38
 Trichloroethene
 Concen: 7.153 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

Tgt Ion: 130 Resp: 713716
 Ion Ratio Lower Upper
 130 100
 95 111.1 90.5 135.7
 132 94.7 77.4 116.0
 97 73.0 59.2 88.8





#39

1,2-Dichloropropane

Concen: 8.216 ppbv

RT: 7.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18

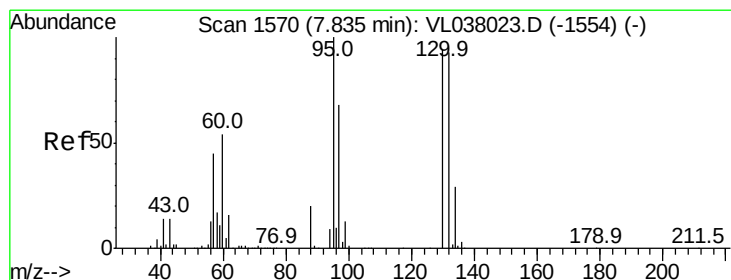
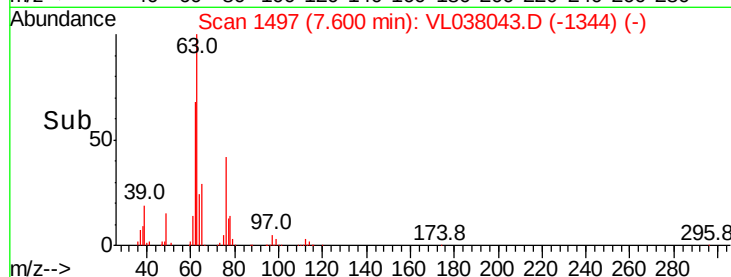
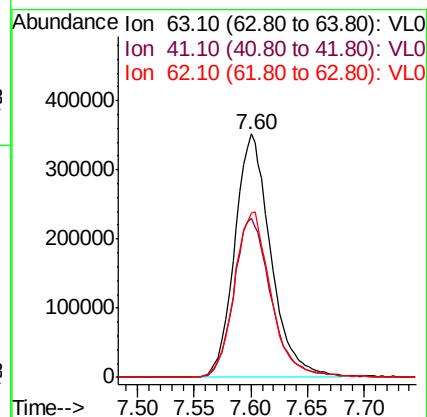
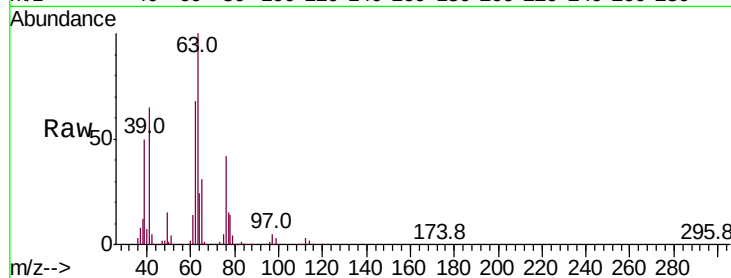
Tot Ion: 63 Resp: 780043

Ion Ratio Lower Upper

63 100

41 65.3 51.1 76.7

62 67.4 55.2 82.8



#40

1,4-Dioxane

Concen: 7.577 ppbv

RT: 7.82 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

Tgt Ion: 88 Resp: 185514

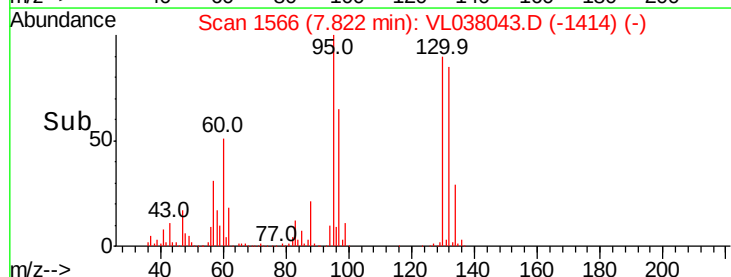
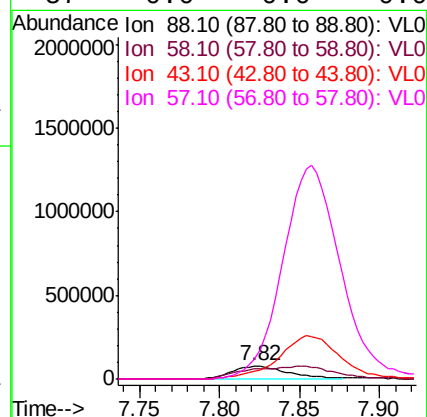
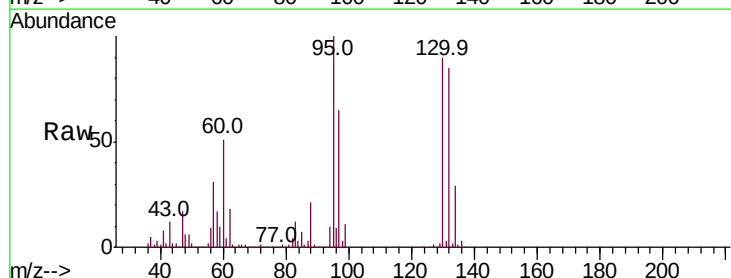
Ion Ratio Lower Upper

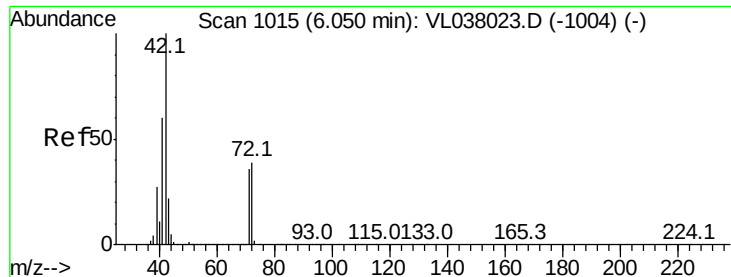
88 100

58 0.0 0.0 0.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 7.130 ppbv

RT: 6.04 Instrument:

Delta R.T. MSVOA_L

Lab File:

Acq: 16 Nov 2021 17:18

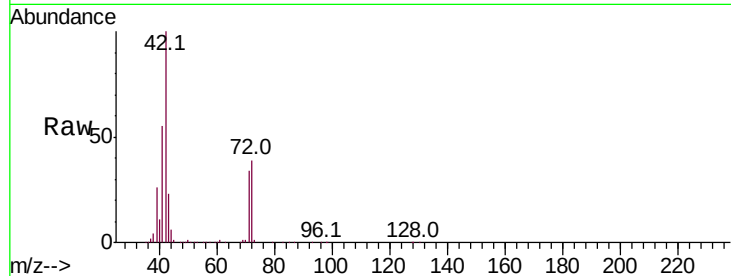
Tot Ion: 42 Resp: 435711

Ion Ratio Lower Upper

42 100

72 41.0 31.3 46.9

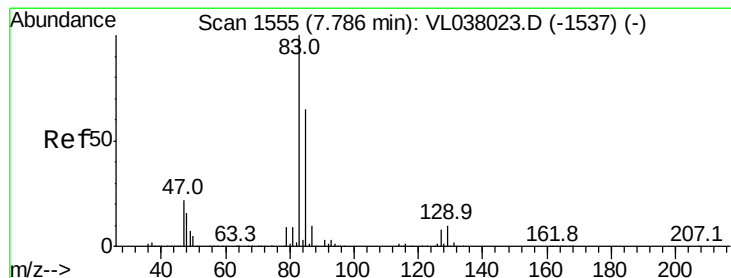
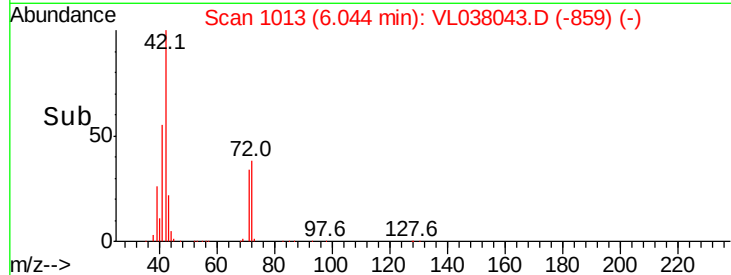
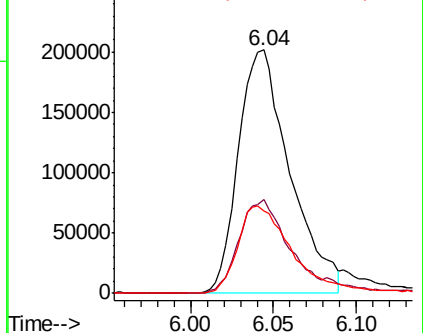
71 39.2 29.7 44.5



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: 8.448 ppbv

RT: 7.78 min Scan# 1553

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

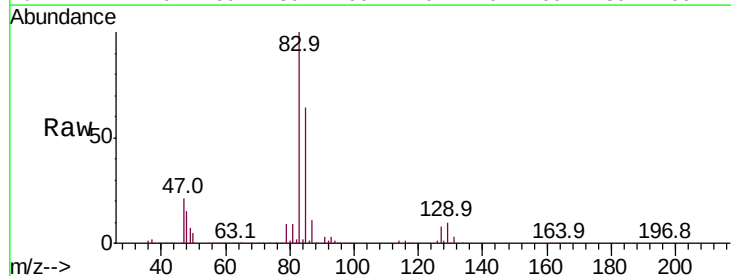
Tgt Ion: 83 Resp: 1516252

Ion Ratio Lower Upper

83 100

85 64.2 51.6 77.4

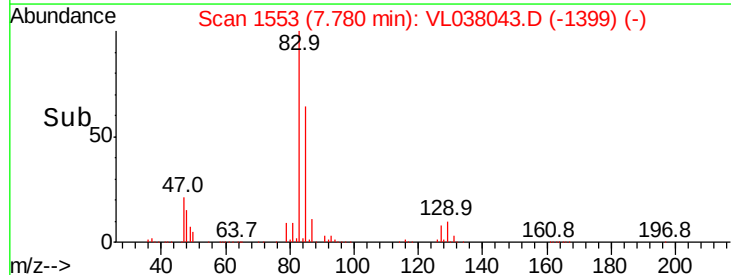
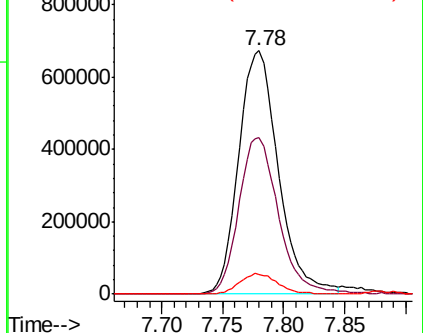
127 8.1 6.6 10.0

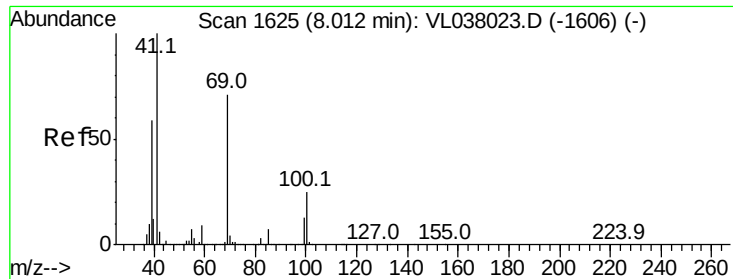


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

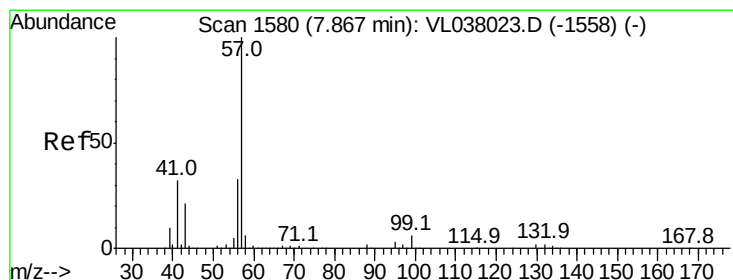
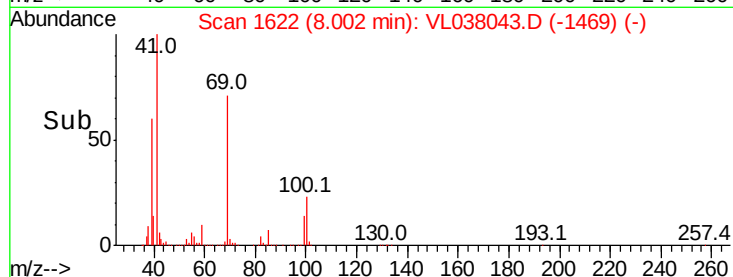
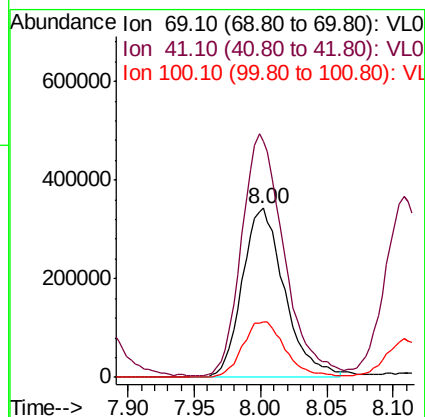
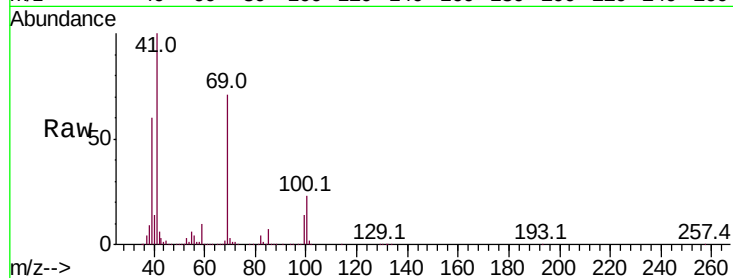
Ion 126.90 (126.60 to 127.60): V





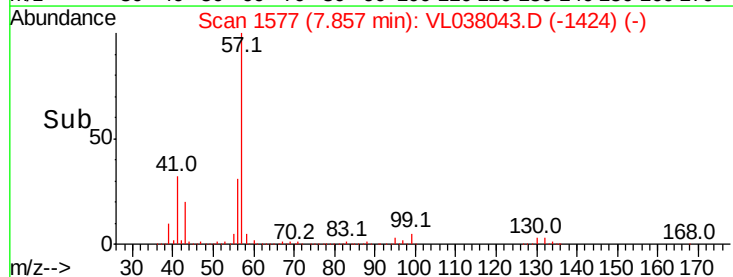
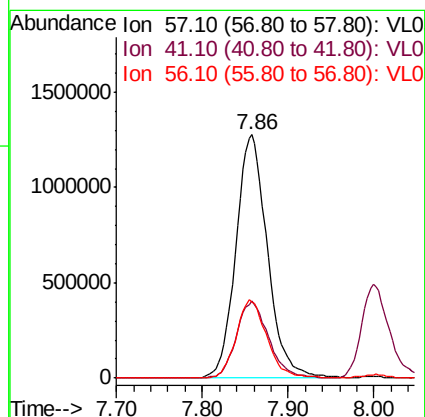
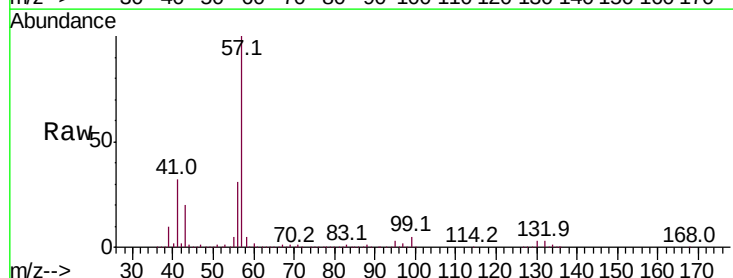
#43
Methvl Methacrylate
Concen: 8.676 ppbv
RT: 8.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 17:18

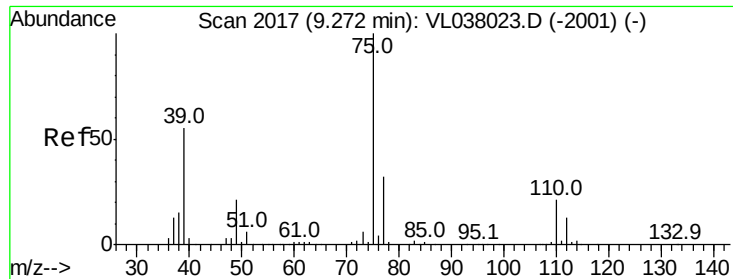
Tot Ion:	69	Resp:	760110
Ion	Ratio	Lower	Upper
69	100		
41	145.4	116.6	174.8
100	33.6	27.0	40.6



#44
2,2,4-Trimethylpentane
Concen: 7.705 ppbv
RT: 7.86 min Scan# 1577
Delta R.T.: -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

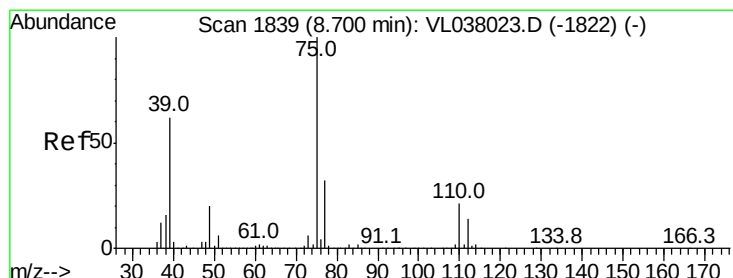
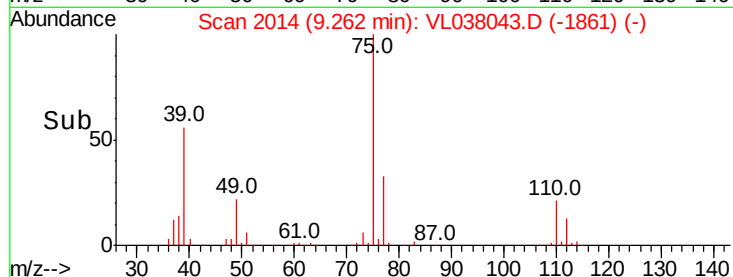
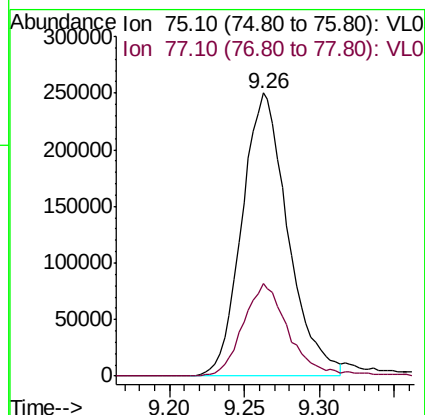
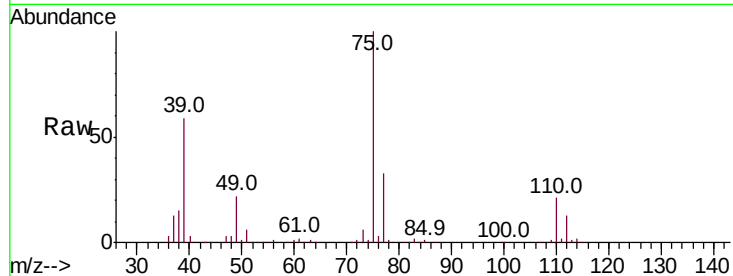
Tgt Ion:	57	Resp:	3251185
Ion	Ratio	Lower	Upper
57	100		
41	32.4	26.2	39.2
56	31.5	25.5	38.3





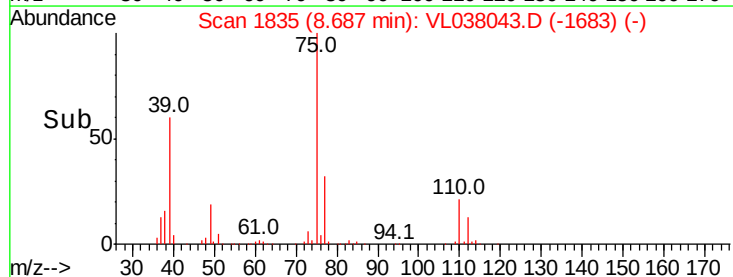
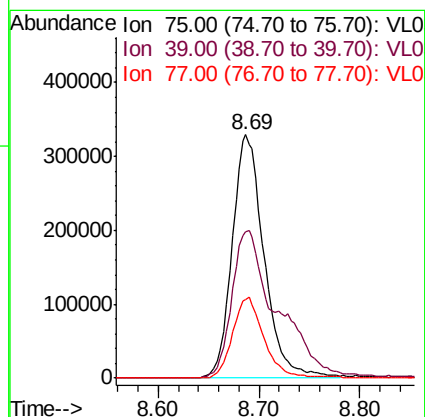
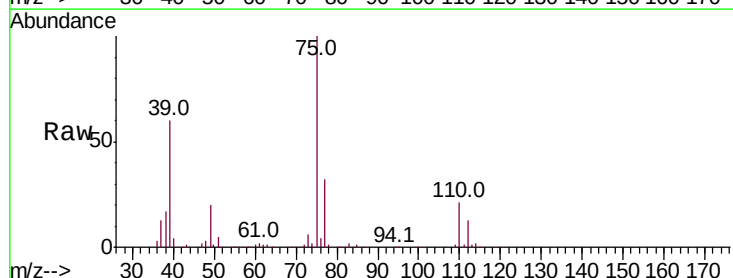
#45
 t-1,3-Dichloropropene
 Concen: 7.328 ppbv
 RT: 9.26
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 17:18

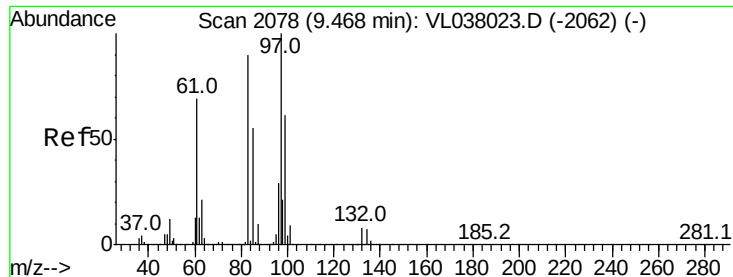
Tot Ion: 75 Resp: 531722
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.6 38.4



#46
 cis-1,3-Dichloropropene
 Concen: 7.621 ppbv
 RT: 8.69 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

Tgt Ion: 75 Resp: 722650
 Ion Ratio Lower Upper
 75 100
 39 60.1 49.2 73.8
 77 32.2 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 8.424 ppbv

RT: 9.46 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18

Tot Ion: 97 Resp: 812353

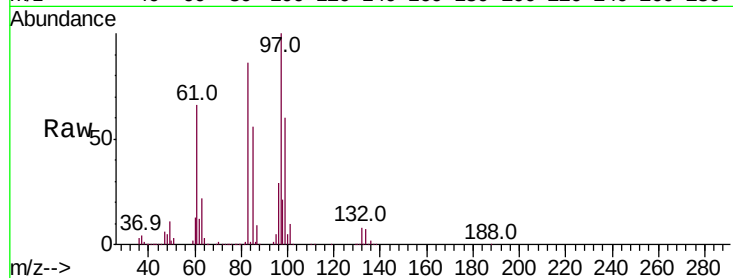
Ion Ratio Lower Upper

97 100

83 85.6 72.2 108.4

85 56.1 43.8 65.8

99 60.1 49.0 73.4

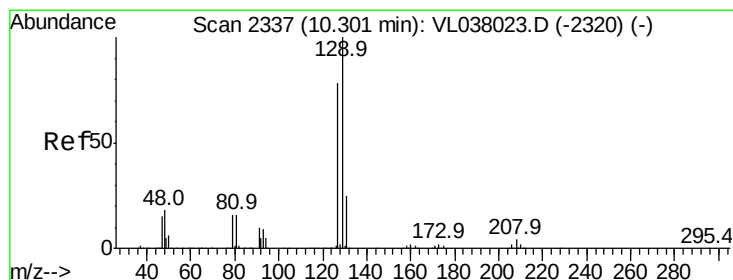
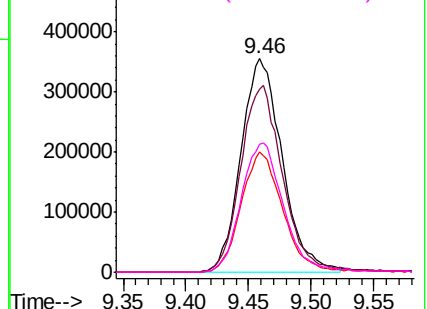
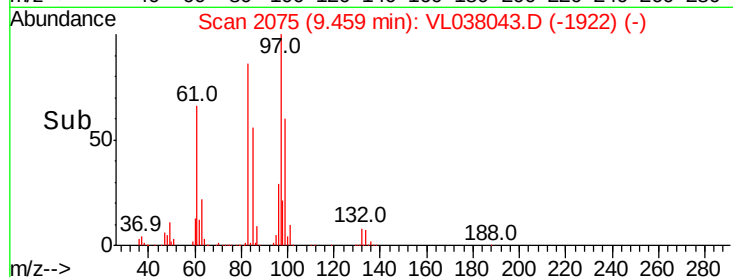


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 8.440 ppbv

RT: 10.29 min Scan# 2333

Delta R.T. -0.01 min

Lab File: VL038043.D

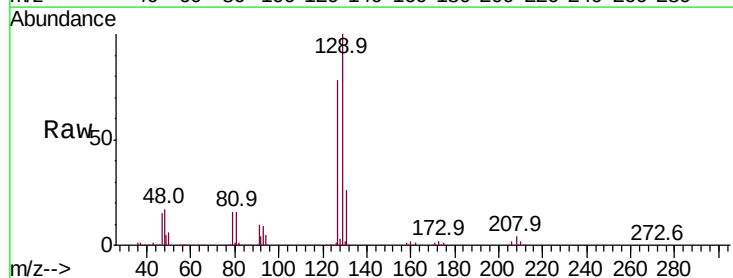
Acq: 16 Nov 2021 17:18

Tgt Ion: 129 Resp: 1323393

Ion Ratio Lower Upper

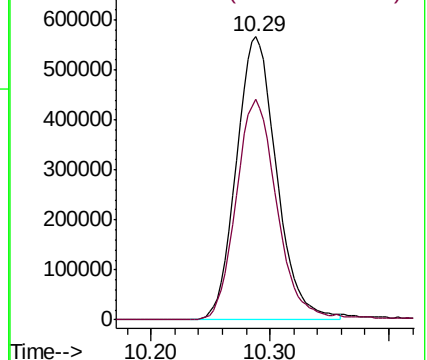
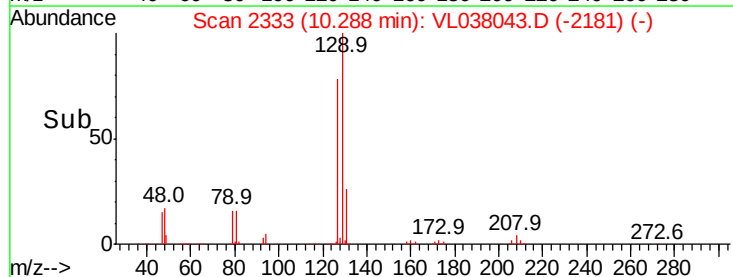
129 100

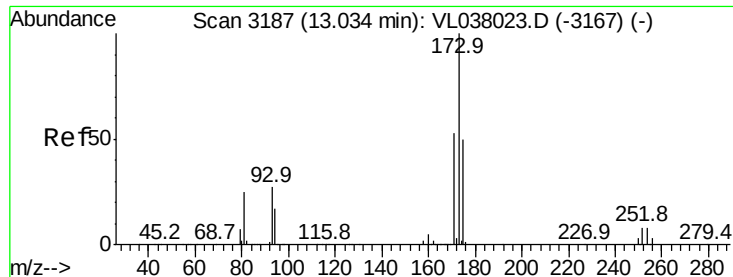
127 80.0 40.1 120.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 8.504 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File:

Acq: 16 Nov 2021 17:18

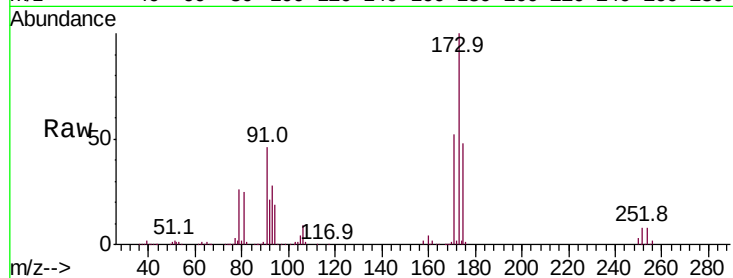
Tot Ion:173 Resp: 1028834

Ion Ratio Lower Upper

173 100

175 50.8 41.6 62.4

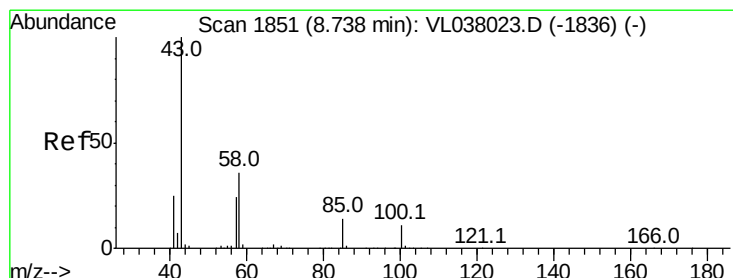
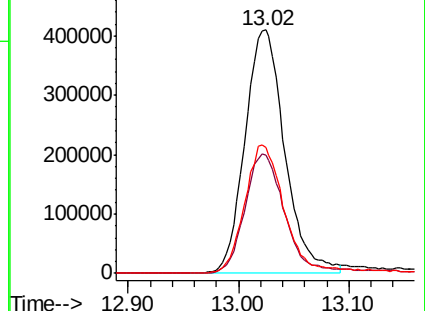
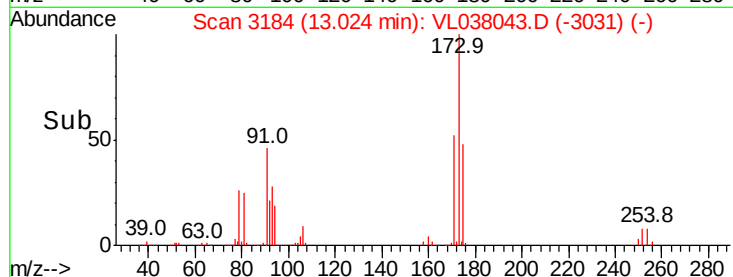
171 54.9 44.4 66.6



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: 8.407 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VL038043.D

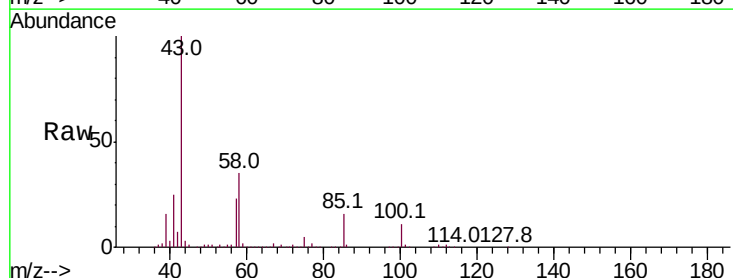
Acq: 16 Nov 2021 17:18

Tgt Ion: 43 Resp: 1291093

Ion Ratio Lower Upper

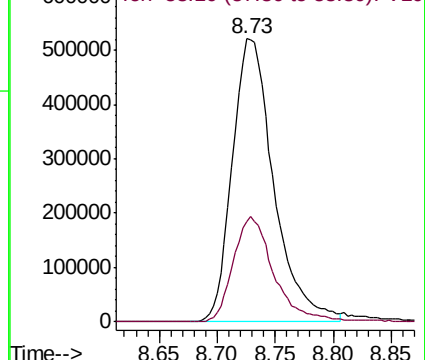
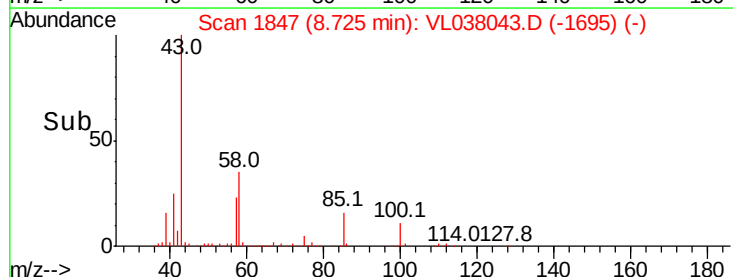
43 100

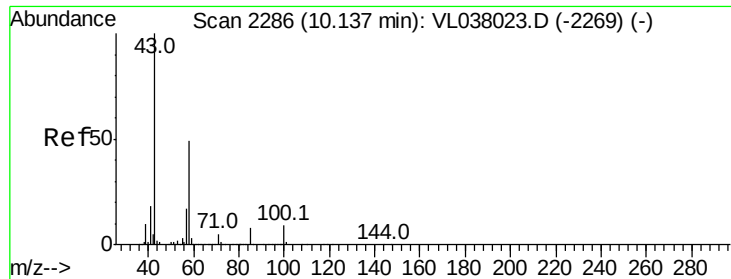
58 37.0 29.8 44.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

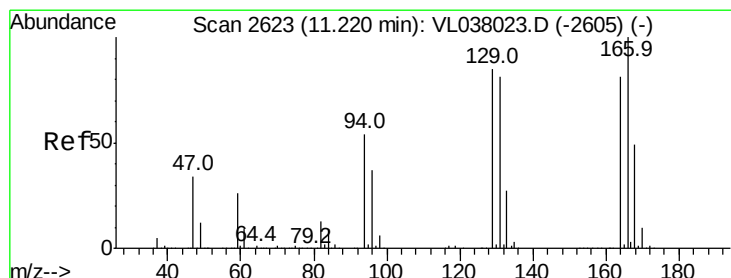
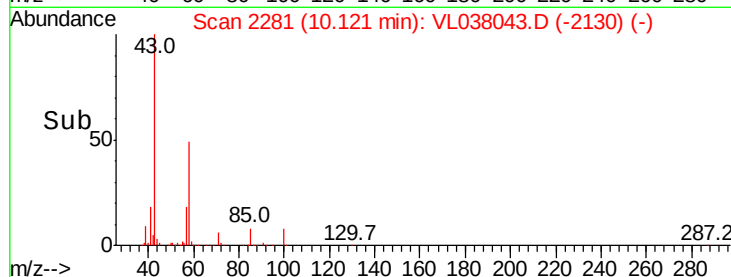
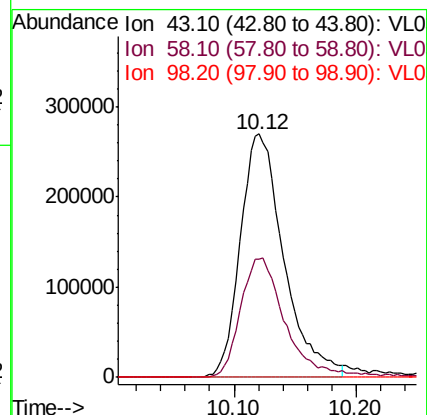
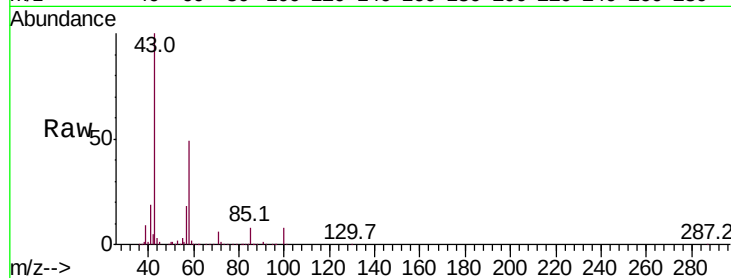
Ion 58.10 (57.80 to 58.80): VL0





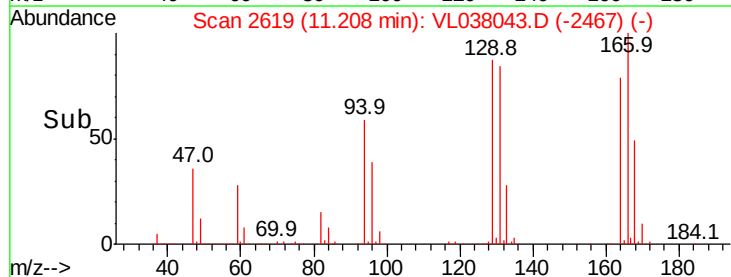
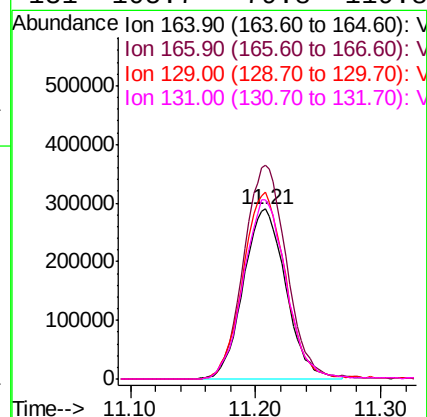
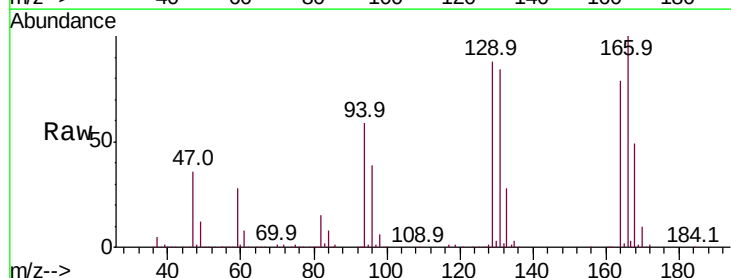
#51
2-Hexanone
Concen: 9.278 ppbv
RT: 10.12 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 17:18

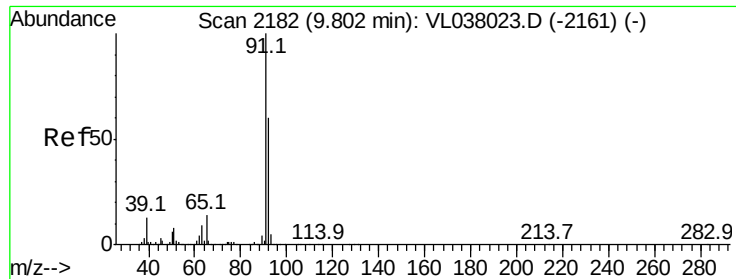
Tot Ion	Ratio	Lower	Upper
43	100		
58	51.4	41.4	62.0
98	0.1	0.1	0.1#



#52
Tetrachloroethene
Concen: 7.326 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	98.6	148.0
129	110.1	84.1	126.1
131	105.7	79.8	119.8





#53

Toluene

Concen: 8.097 ppbv

RT: 9.79

Delta R.T. MSVOA_L

Lab File:

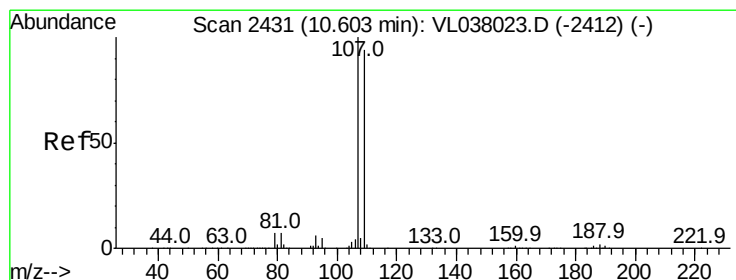
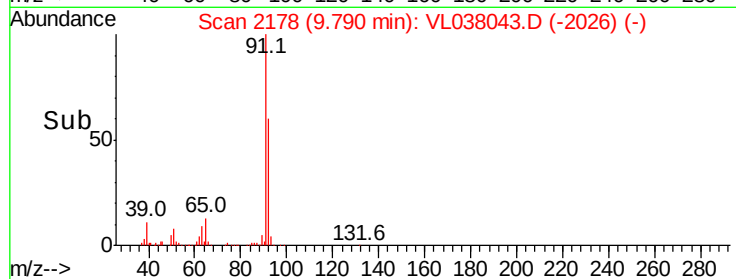
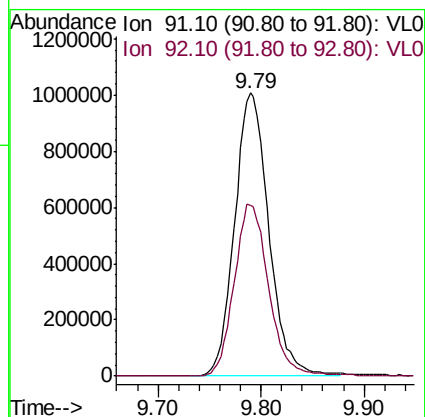
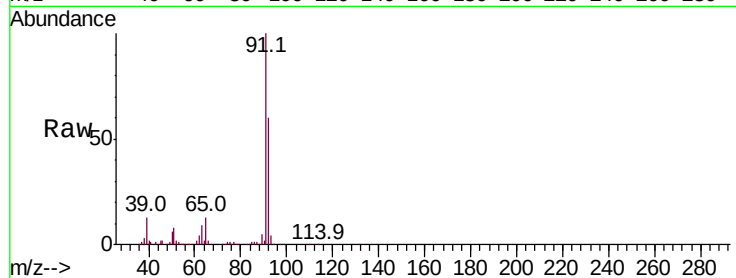
Acq: 16 Nov 2021 17:18

Tot Ion: 91 Resp: 2325662

Ion Ratio Lower Upper

91 100

92 61.8 49.5 74.3



#54

1,2-Dibromoethane

Concen: 8.615 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.01 min

Lab File: VL038043.D

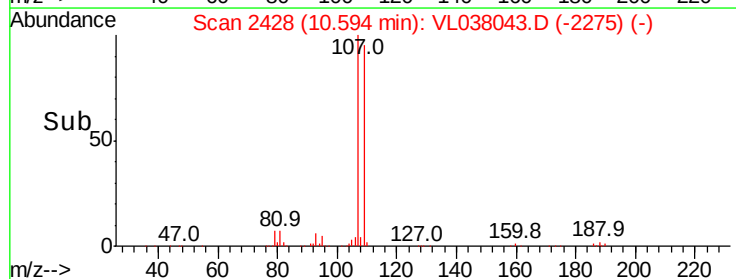
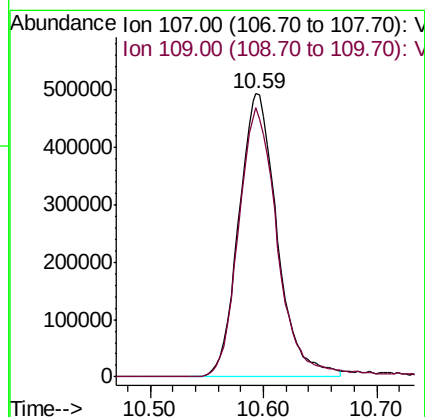
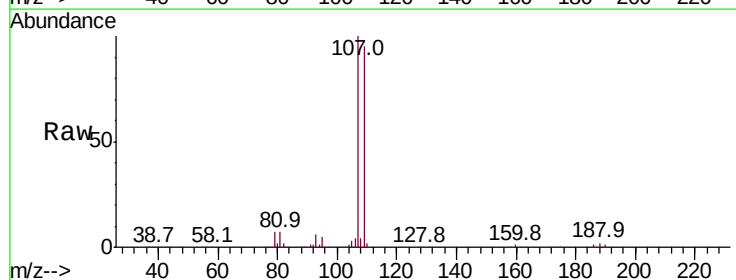
Acq: 16 Nov 2021 17:18

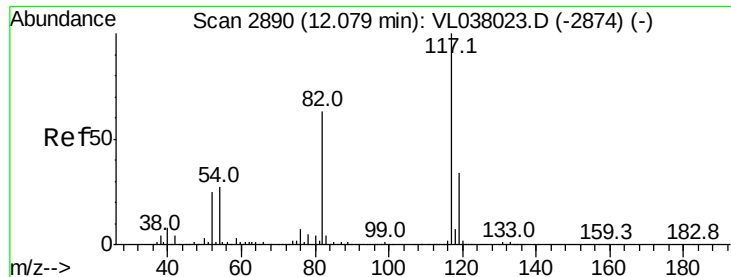
Tgt Ion: 107 Resp: 1164016

Ion Ratio Lower Upper

107 100

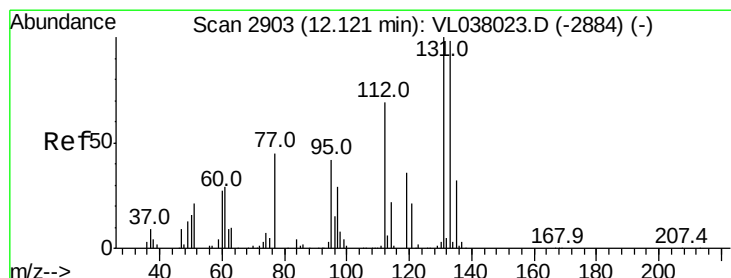
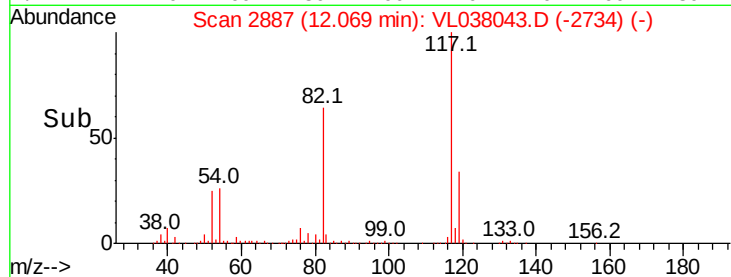
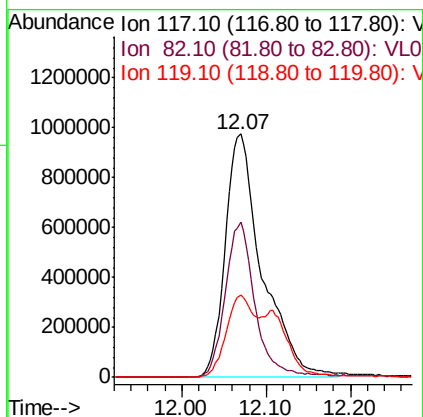
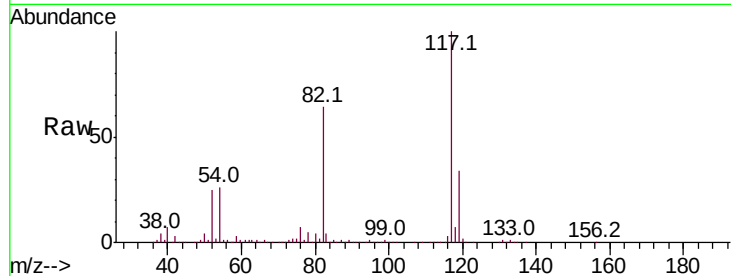
109 95.2 75.0 112.6





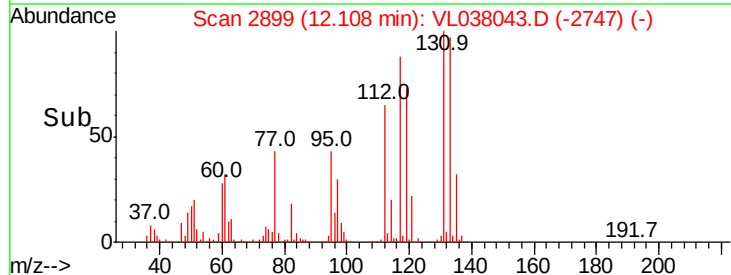
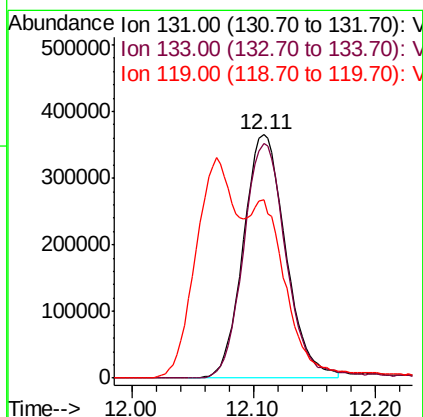
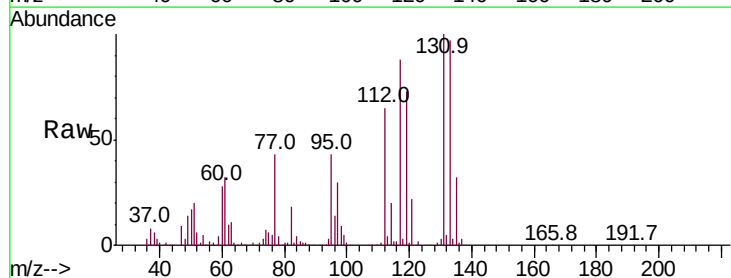
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 17:18

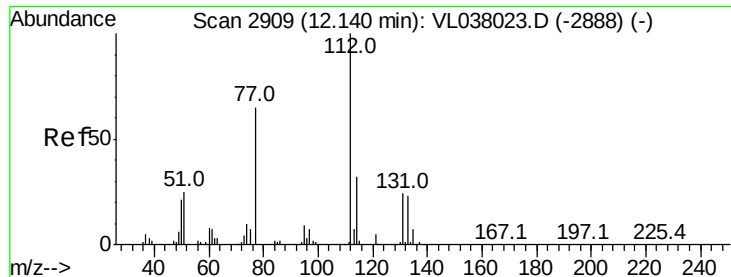
Tot Ion:117 Resp: 2962058
 Ion Ratio Lower Upper
 117 100
 82 52.6 50.0 75.0
 119 47.0 44.6 67.0



#56
 1,1,1,2-Tetrachloroethane
 Concen: 6.770 ppbv
 RT: 12.11 min Scan# 2899
 Delta R.T.: -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

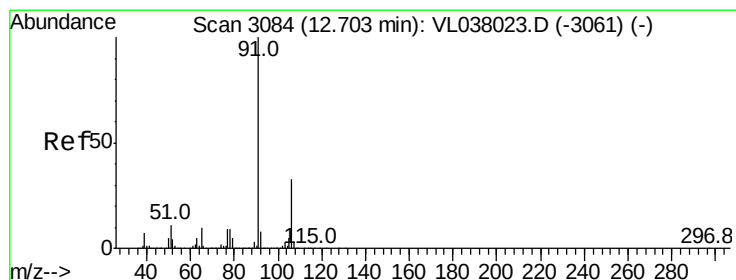
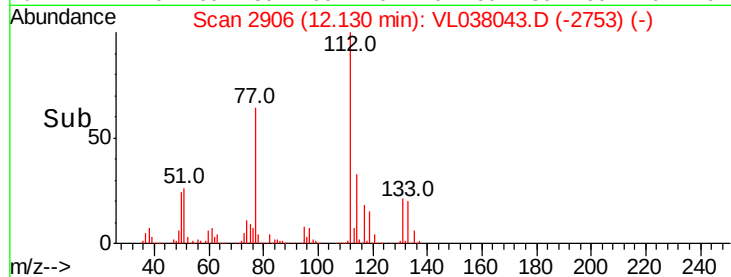
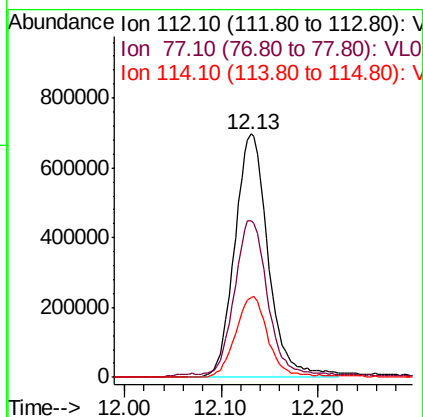
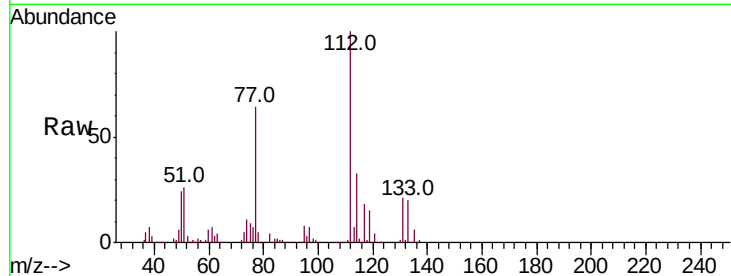
Tgt Ion:131 Resp: 875619
 Ion Ratio Lower Upper
 131 100
 133 99.9 79.4 119.2
 119 159.0 122.4 183.6





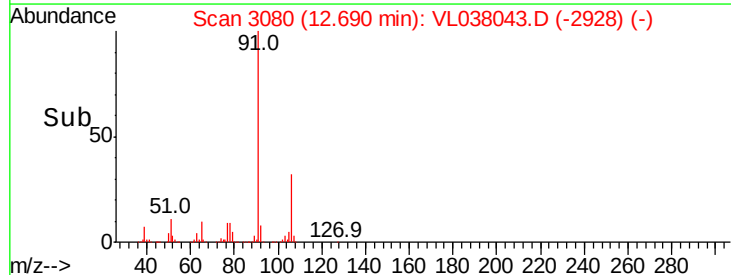
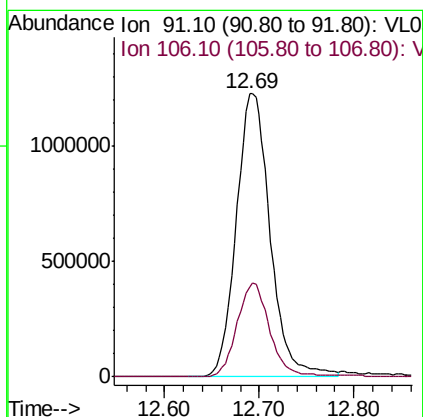
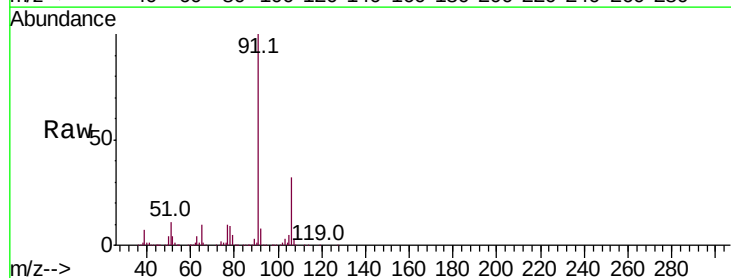
#57
Chlorobenzene
Concen: 6.908 ppbv
RT: 12.13 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 17:18

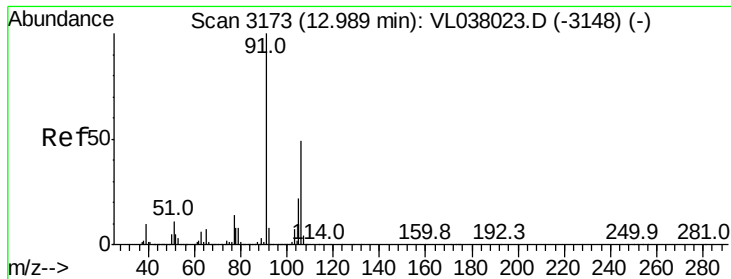
Tot Ion: 112 Resp: 1677818
Ion Ratio Lower Upper
112 100
77 62.9 52.1 78.1
114 32.5 29.1 35.5



#58
Ethyl Benzene
Concen: 6.806 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

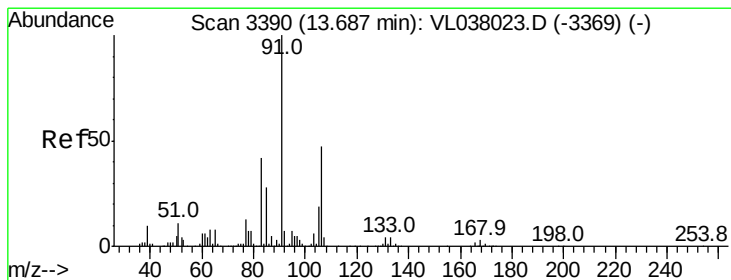
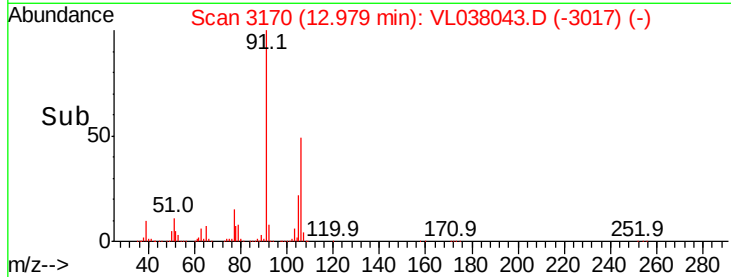
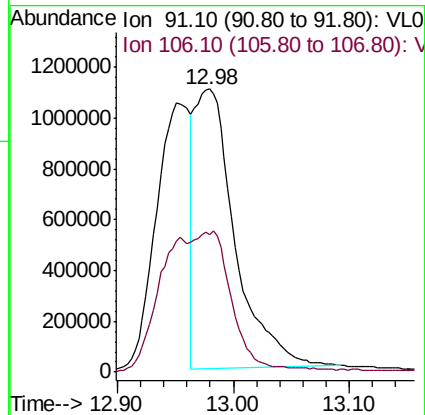
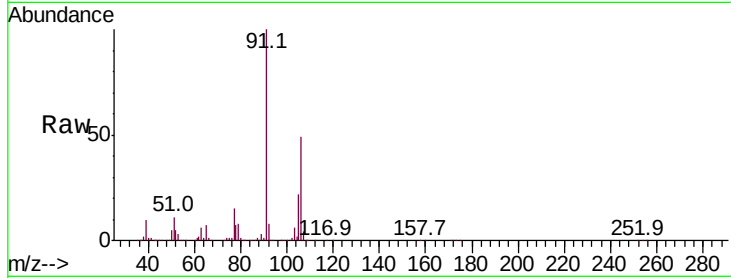
Tgt Ion: 91 Resp: 3061938
Ion Ratio Lower Upper
91 100
106 31.7 26.2 39.2





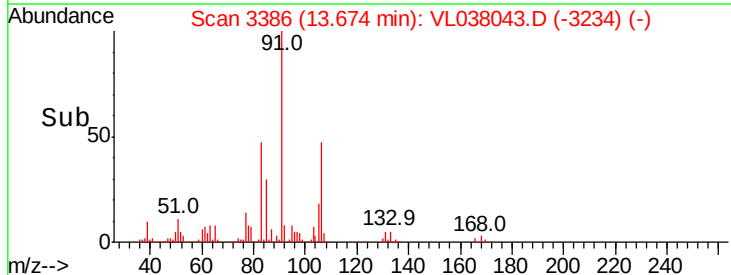
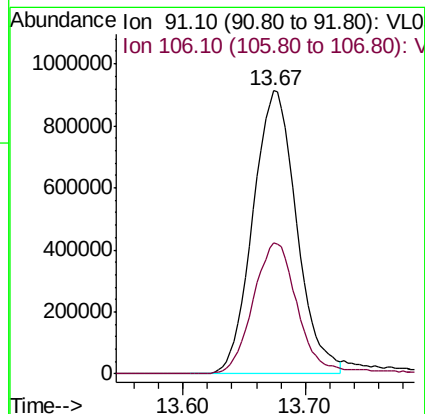
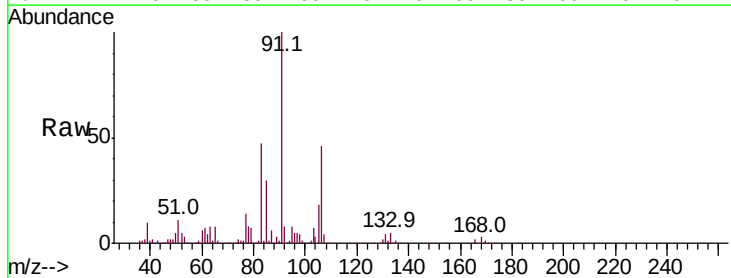
#59
m/p-Xylene
Concen: 7.068 ppbv
RT: 12.98 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 17:18

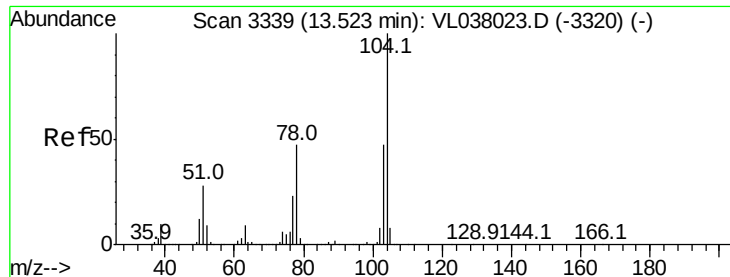
Tot Ion: 91 Resp: 2642238
Ion Ratio Lower Upper
91 100
106 89.1 38.5 57.7#



#60
o-Xylene
Concen: 6.536 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

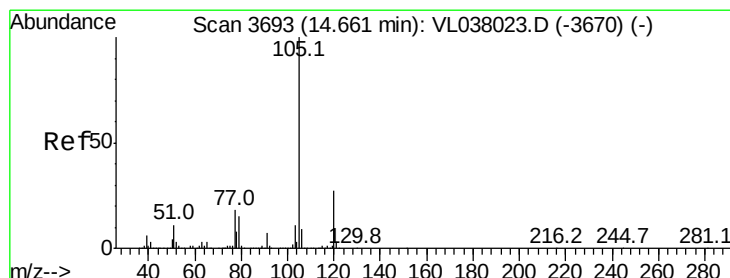
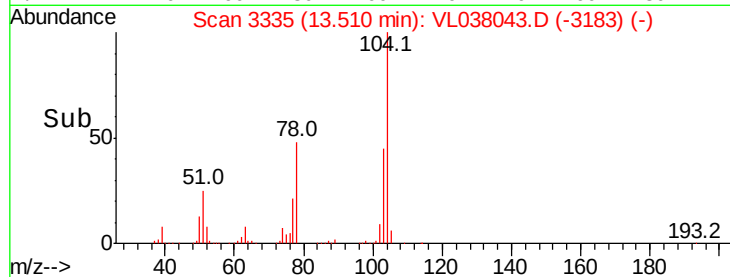
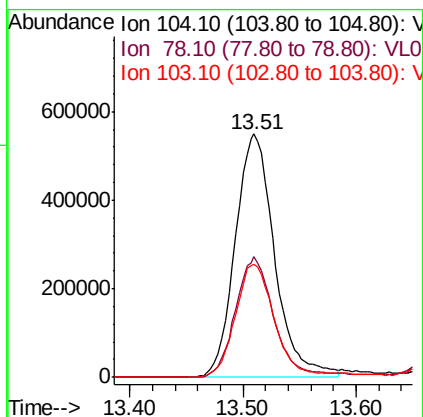
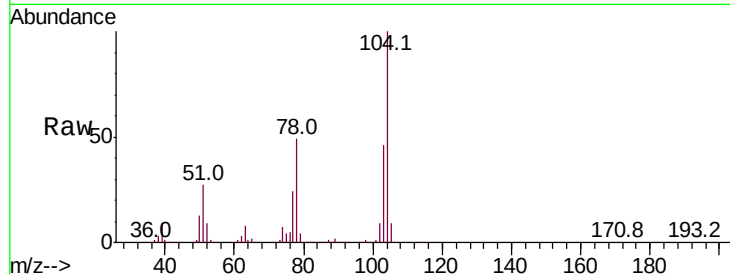
Tgt Ion: 91 Resp: 2268005
Ion Ratio Lower Upper
91 100
106 48.6 24.4 73.2





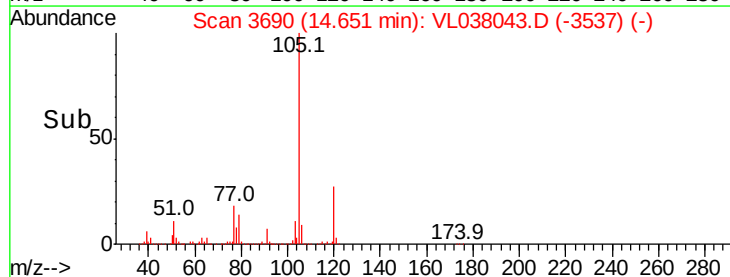
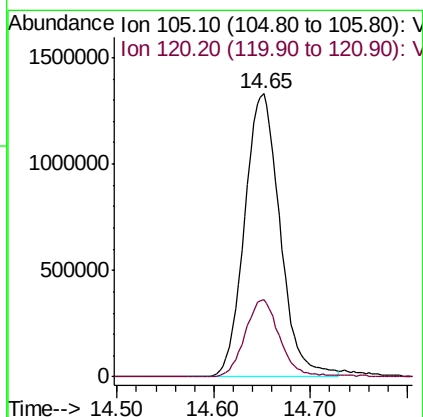
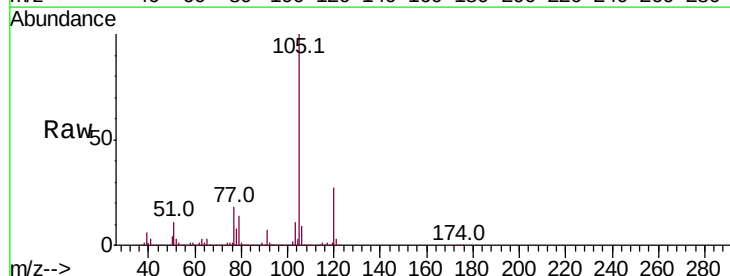
#61
Stvrene
Concen: 6.883 ppbv
RT: 13.51 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 17:18

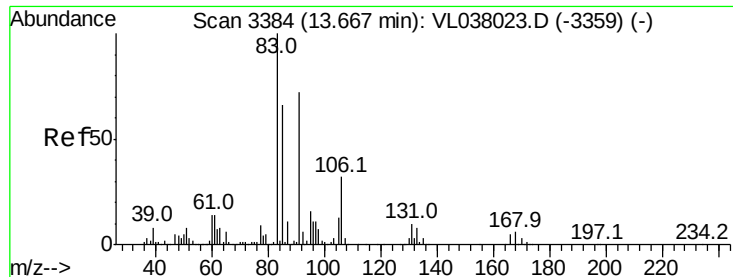
Tot Ion:104 Resp: 1331880
Ion Ratio Lower Upper
104 100
78 49.2 38.6 58.0
103 47.5 36.7 55.1



#62
Isopropylbenzene
Concen: 6.769 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

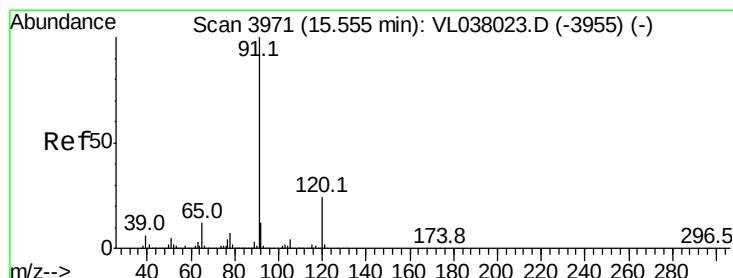
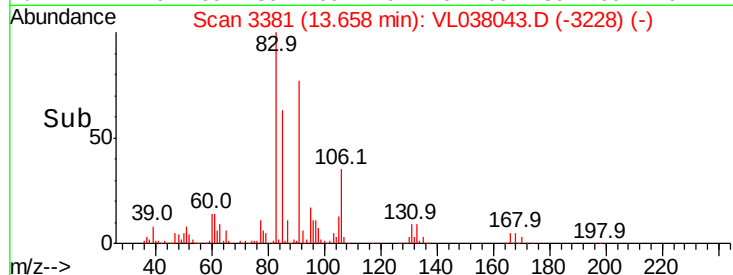
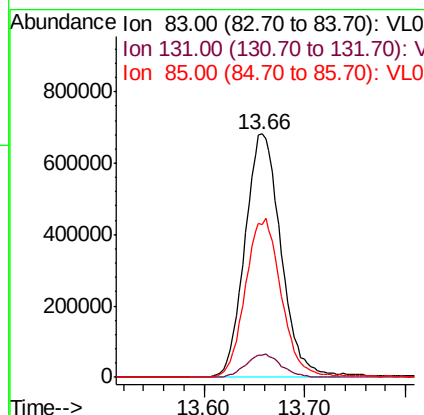
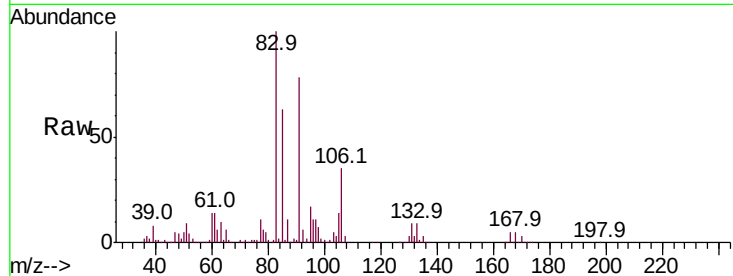
Tgt Ion:105 Resp: 3395906
Ion Ratio Lower Upper
105 100
120 27.1 21.7 32.5





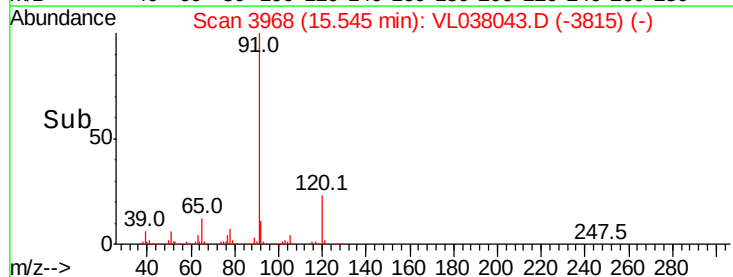
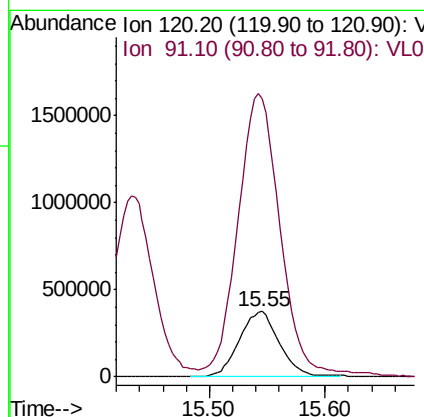
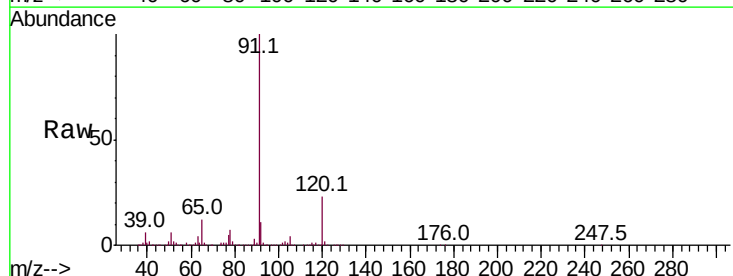
#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.499 ppbv
 RT: 13.66 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 17:18

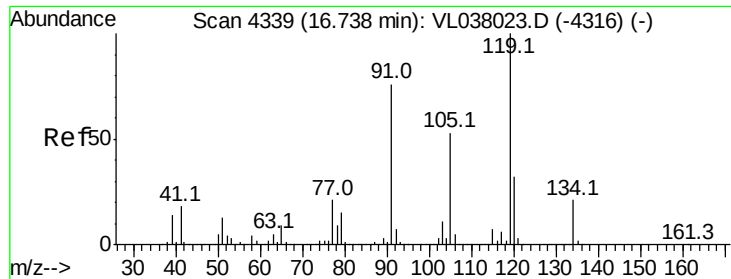
Tot Ion: 83 Resp: 1686146
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.0 14.9
 85 66.3 33.4 100.2



#64
 n-propylbenzene
 Concen: 7.096 ppbv
 RT: 15.55 min Scan# 3968
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

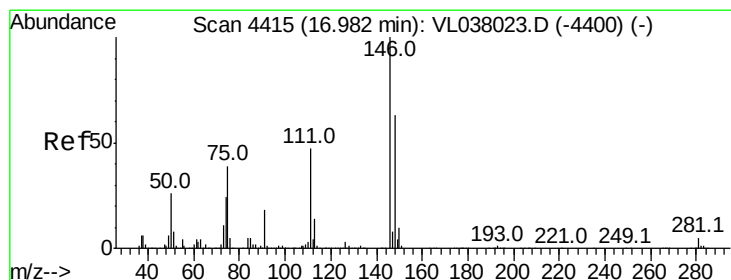
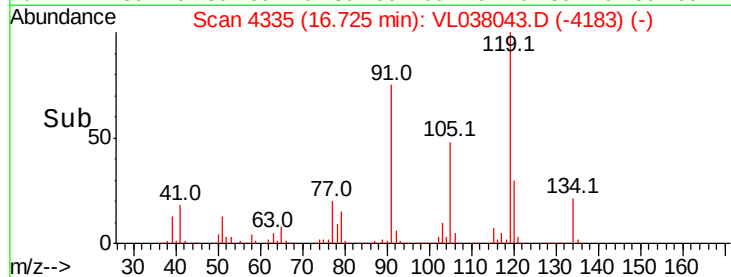
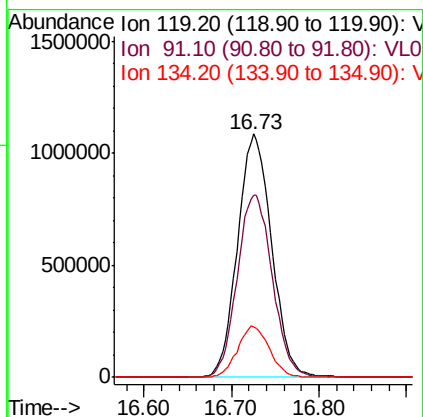
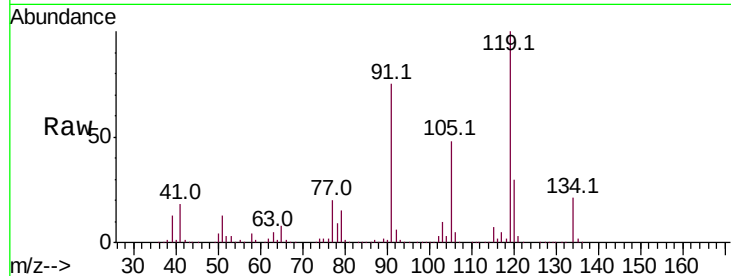
Tgt Ion:120 Resp: 907649
 Ion Ratio Lower Upper
 120 100
 91 456.5 366.7 550.1





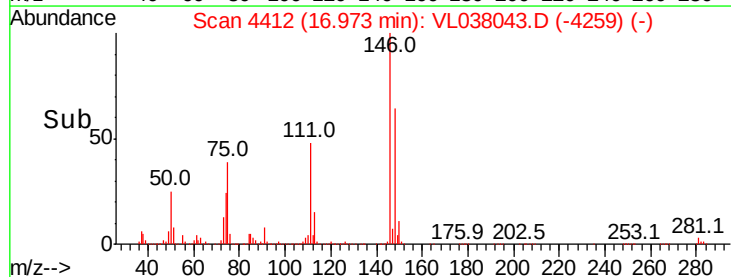
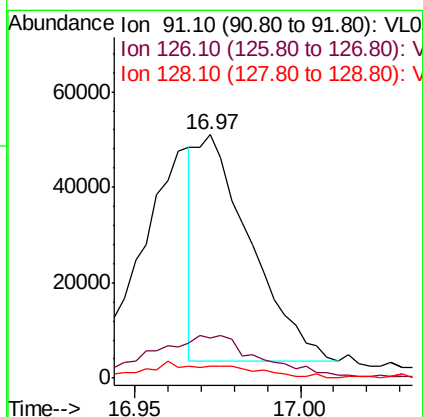
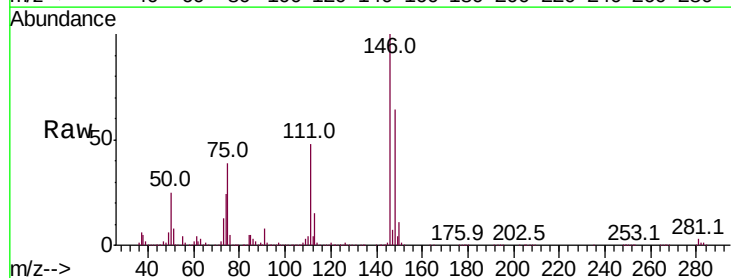
#65
 tert-Butylbenzene
 Concen: 6.671 ppbv
 RT: 16.73 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 17:18

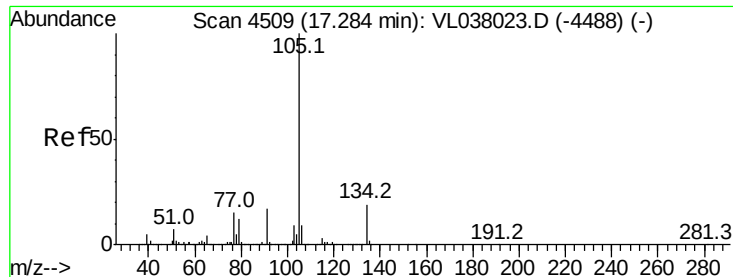
Tot Ion: 119 Resp: 2937069
 Ion Ratio Lower Upper
 119 100
 91 77.2 62.6 94.0
 134 19.8 16.1 24.1



#66
 Benzyl Chloride
 Concen: 1.753 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T.: -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

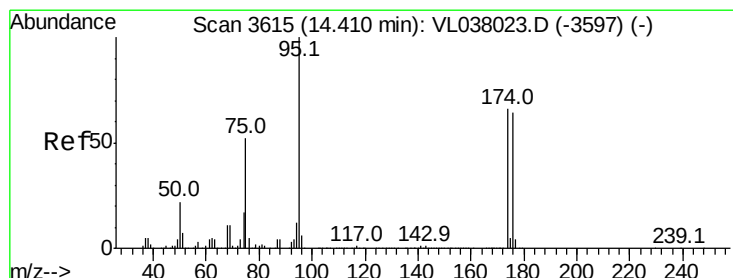
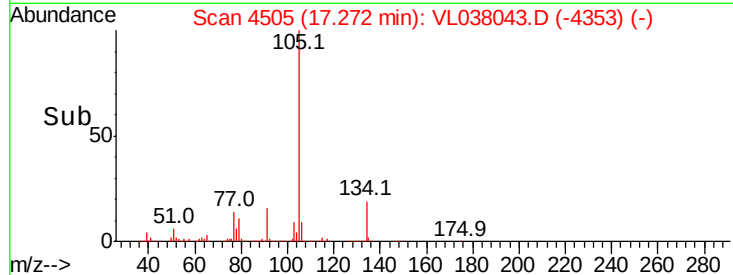
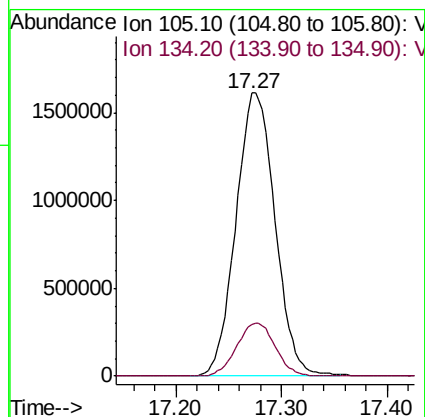
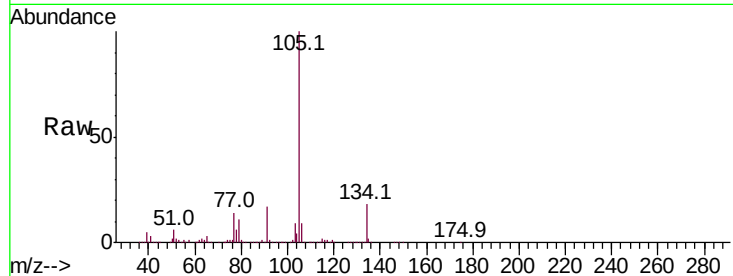
Tgt Ion: 91 Resp: 53904
 Ion Ratio Lower Upper
 91 100
 126 39.7 16.4 24.6#
 128 12.7 5.6 8.4#





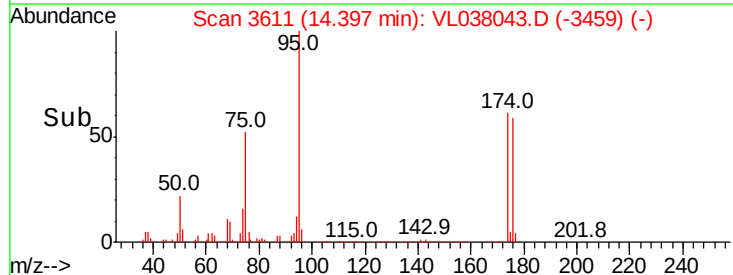
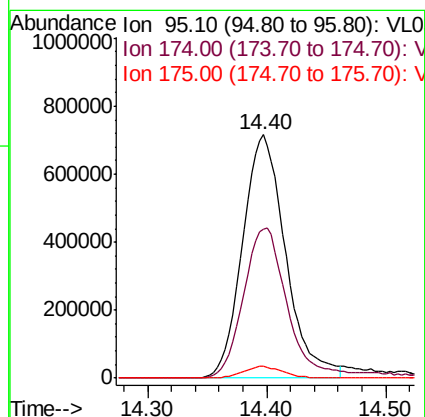
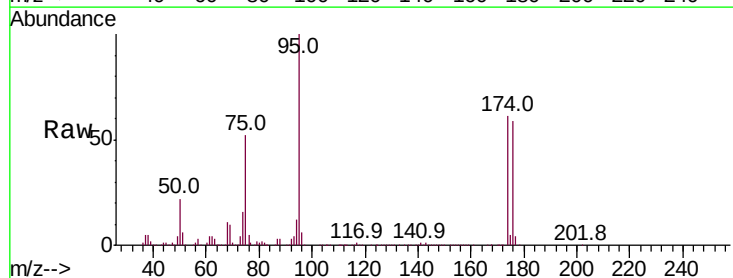
#67
 sec-Butylbenzene
 Concen: 6.817 ppbv
 RT: 17.27
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 16 Nov 2021 17:18

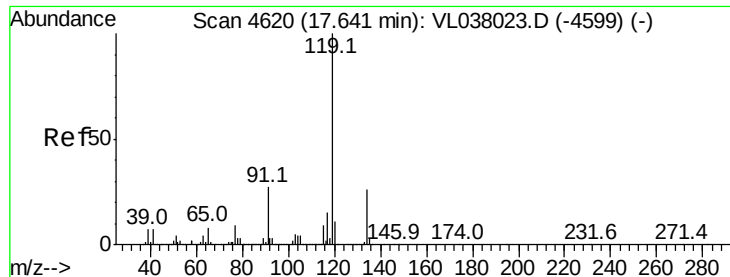
Tot Ion: 105 Resp: 4145954
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.3 22.9



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.374 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

Tgt Ion: 95 Resp: 1792128
 Ion Ratio Lower Upper
 95 100
 174 65.8 55.0 82.6
 175 4.9 4.2 6.2





#69

p-Isopropyltoluene

Concen: 7.018 ppbv

RT: 17.64 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18

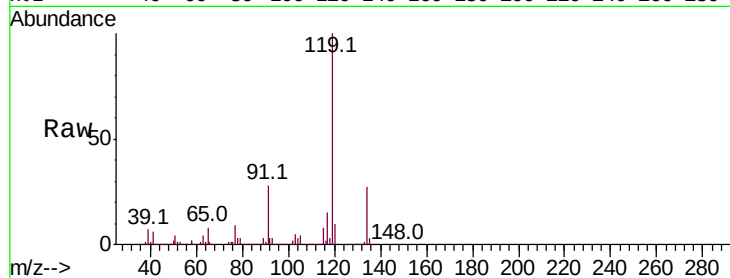
Tot Ion: 119 Resp: 3440563

Ion Ratio Lower Upper

119 100

134 25.9 21.2 31.8

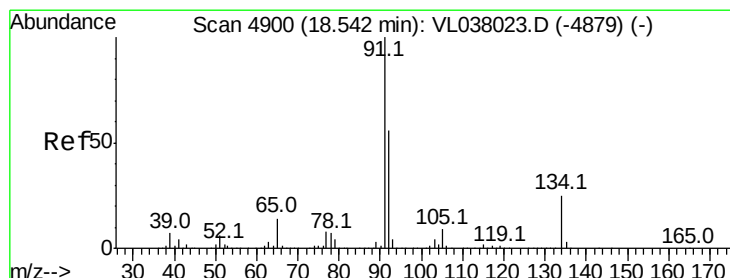
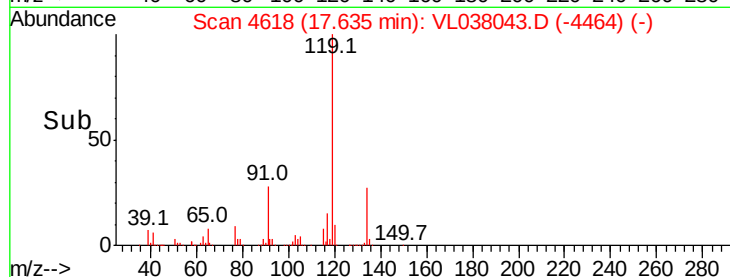
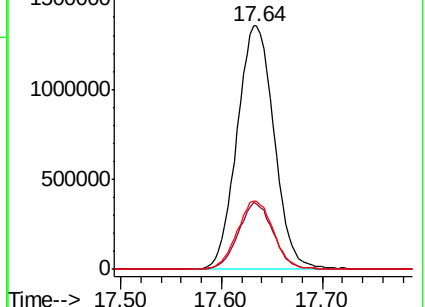
91 27.7 22.2 33.2



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: 7.615 ppbv

RT: 18.53 min Scan# 4896

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

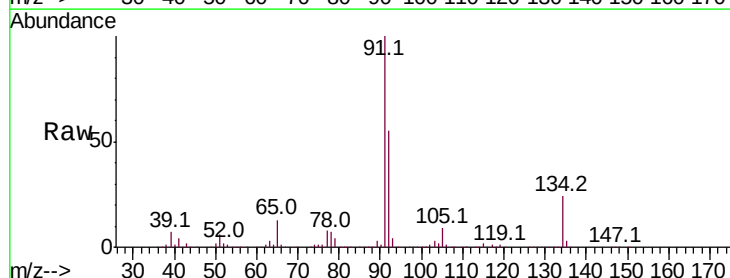
Tgt Ion: 91 Resp: 3422640

Ion Ratio Lower Upper

91 100

92 55.2 44.4 66.6

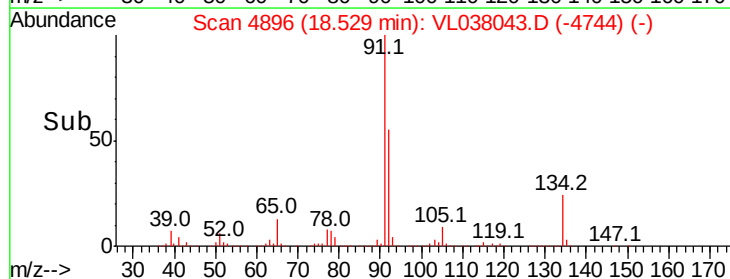
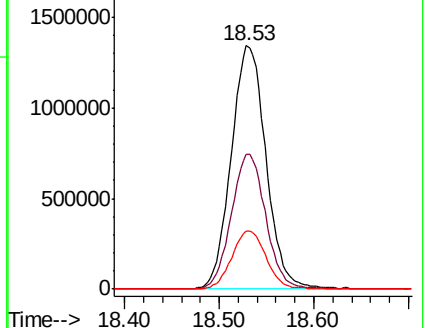
134 23.8 19.7 29.5

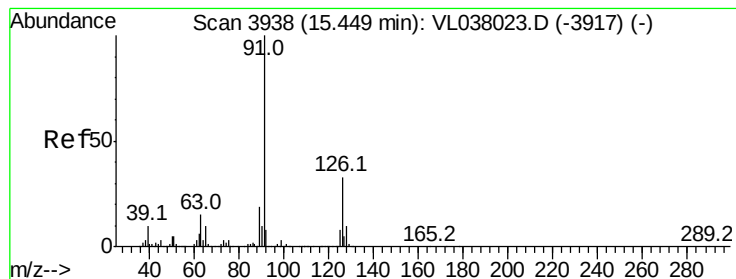


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

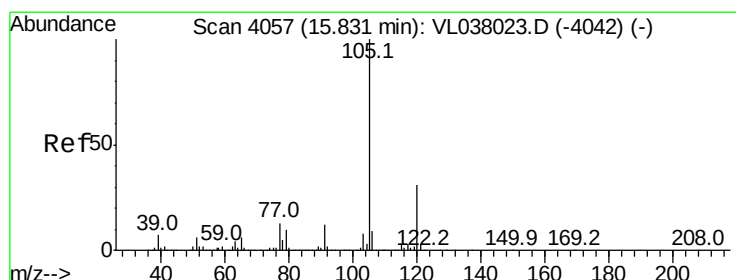
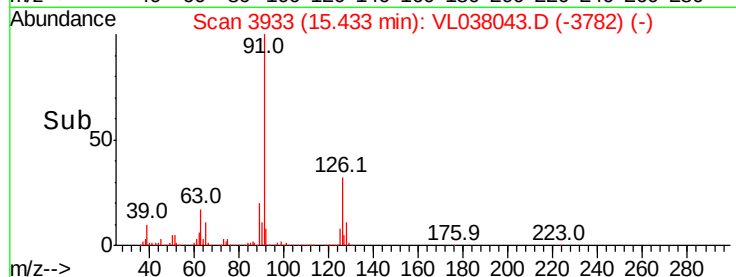
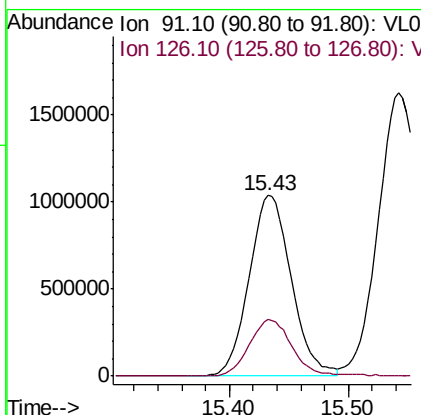
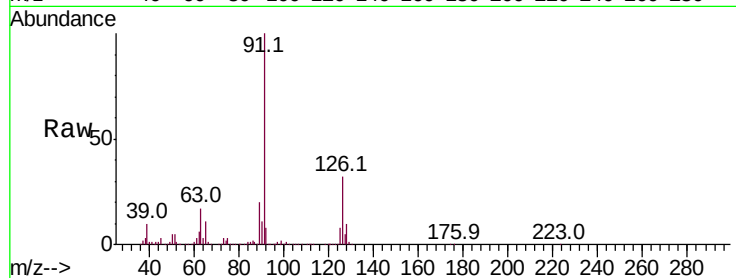
Ion 134.20 (133.90 to 134.90): V





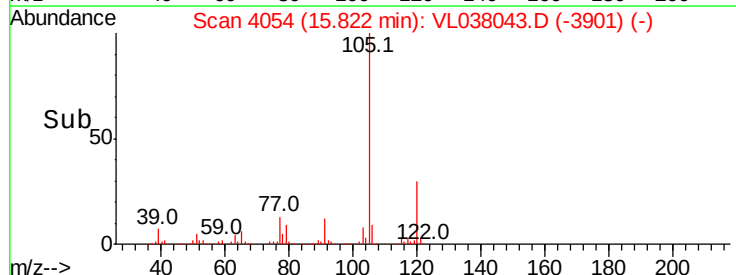
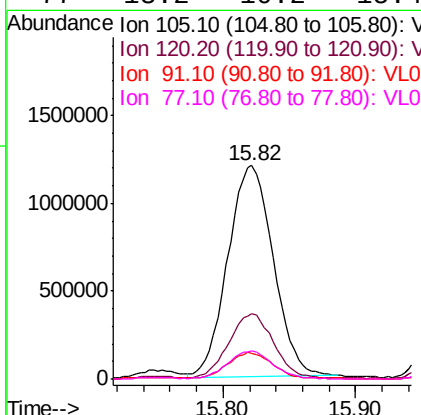
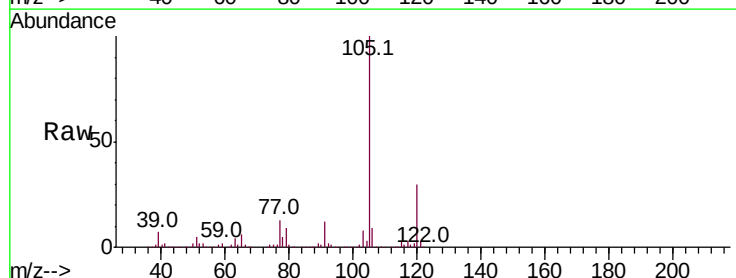
#71
 2-Chlorotoluene
 Concen: 7.092 ppbv
 RT: 15.43 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 17:18

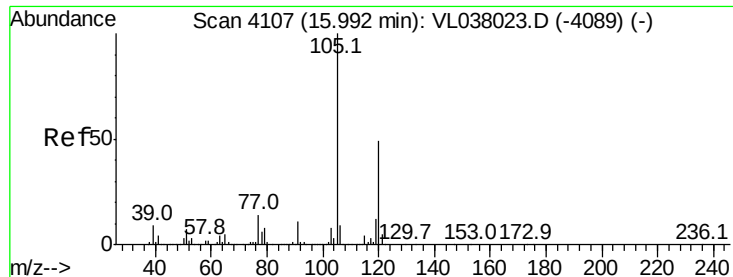
Tot Ion: 91 Resp: 2546962
 Ion Ratio Lower Upper
 91 100
 126 32.5 13.6 54.2



#72
 4-Ethyltoluene
 Concen: 6.925 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

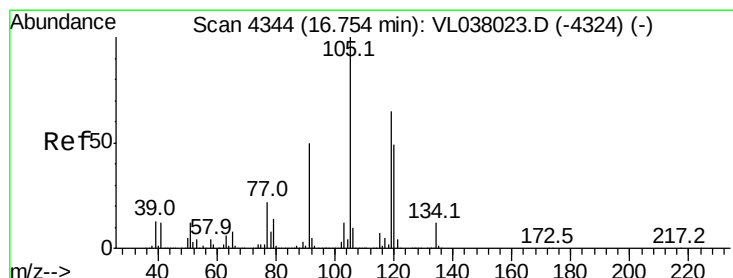
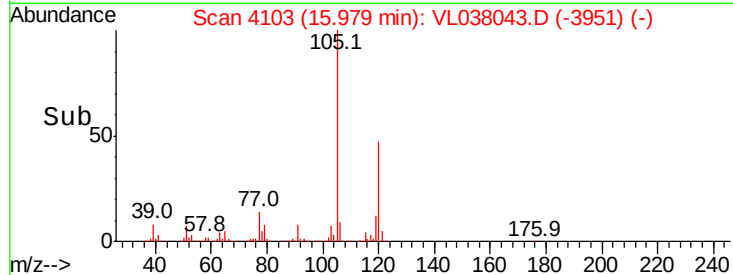
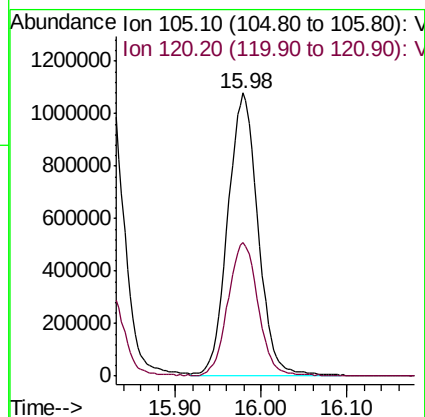
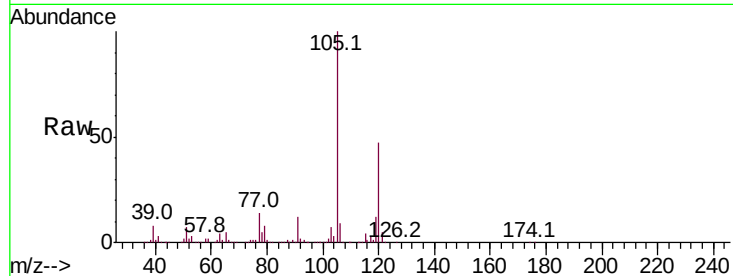
Tgt Ion:105 Resp: 2865115
 Ion Ratio Lower Upper
 105 100
 120 31.0 24.7 37.1
 91 12.3 9.3 13.9
 77 13.2 10.2 15.4





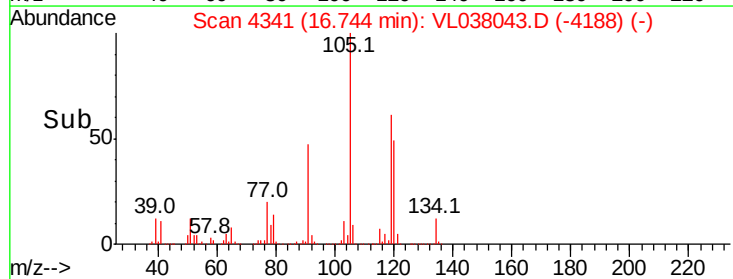
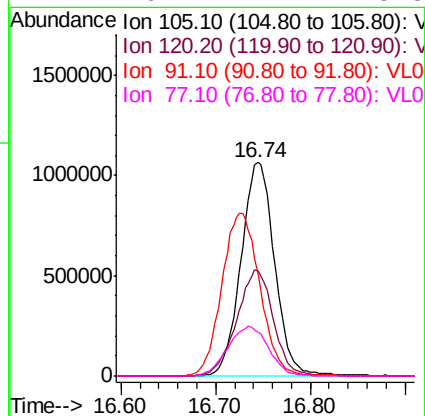
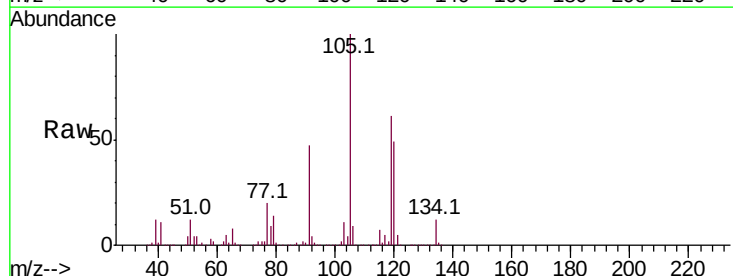
#73
 1,3,5-Trimethylbenzene
 Concen: 6.883 ppbv
 RT: 15.98 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 17:18

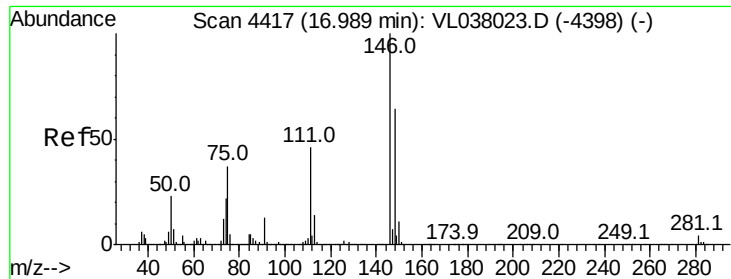
Tot Ion:105 Resp: 2604782
 Ion Ratio Lower Upper
 105 100
 120 47.3 38.8 58.2



#74
 1,2,4-Trimethylbenzene
 Concen: 6.880 ppbv
 RT: 16.74 min Scan# 4341
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

Tgt Ion:105 Resp: 2621530
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.5 59.3
 91 47.1 40.9 61.3
 77 20.2 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 7.544 ppbv

RT: 16.98

Delta R.T. MSVOA_L

Lab File:

Acq: 16 Nov 2021 17:18

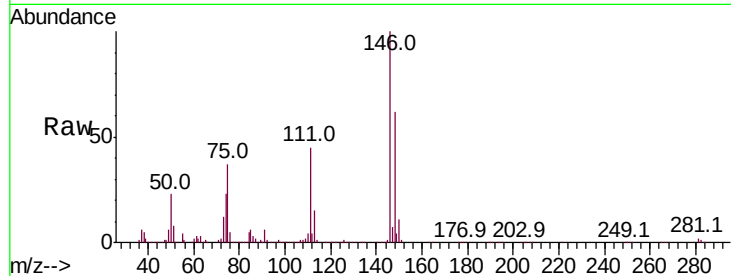
Tot Ion:146 Resp: 1586463

Ion Ratio Lower Upper

146 100

111 47.0 23.2 69.5

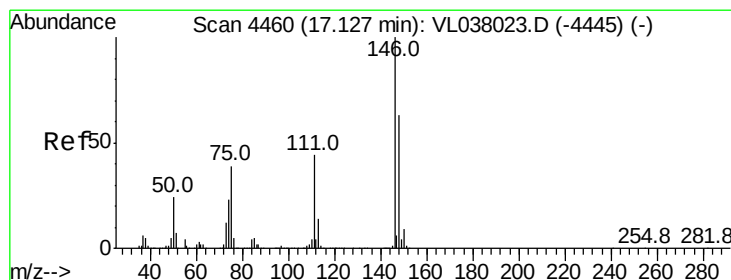
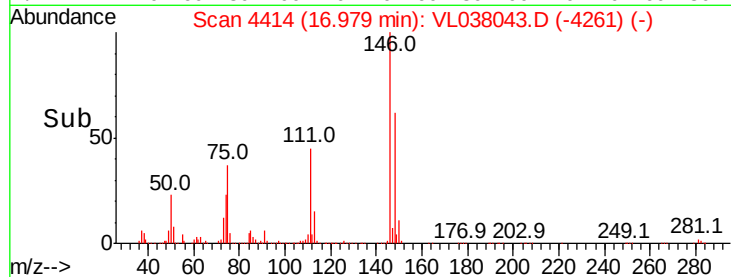
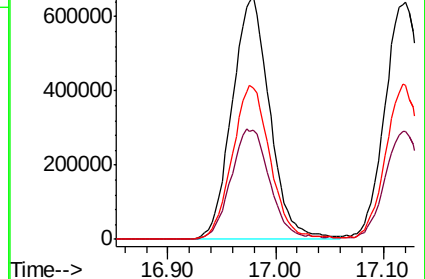
148 64.1 32.1 96.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.182 ppbv

RT: 17.12 min Scan# 4458

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

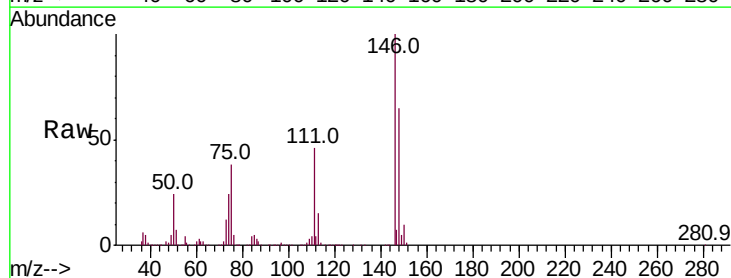
Tgt Ion:146 Resp: 1547329

Ion Ratio Lower Upper

146 100

111 47.1 22.4 67.2

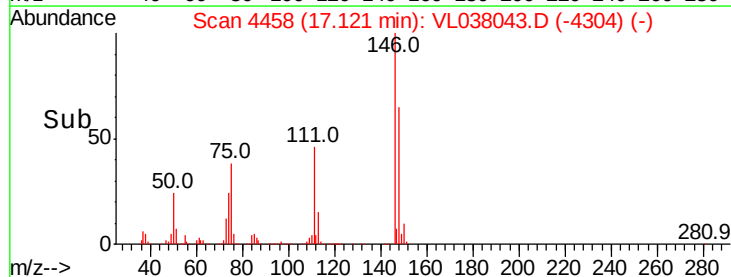
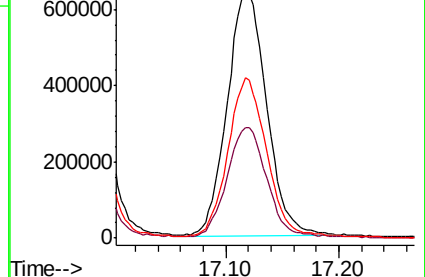
148 65.7 32.4 97.2

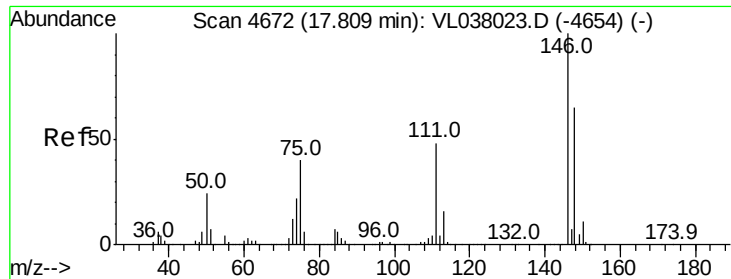


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

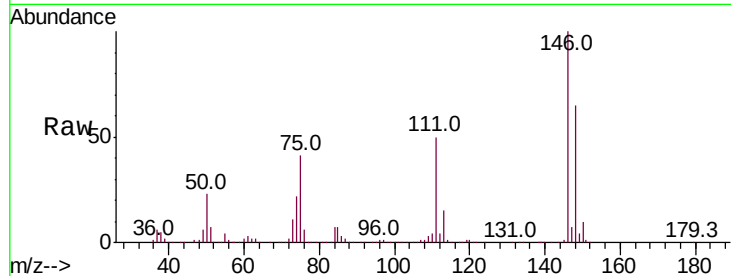
Ion 148.00 (147.70 to 148.70): V



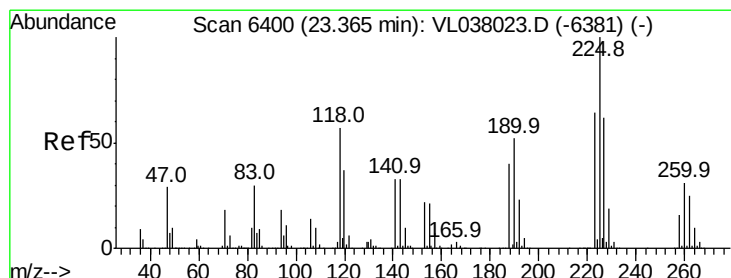
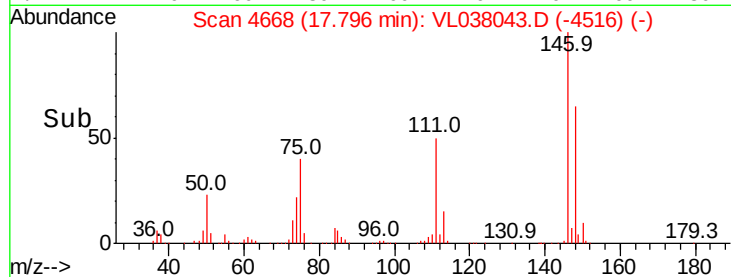
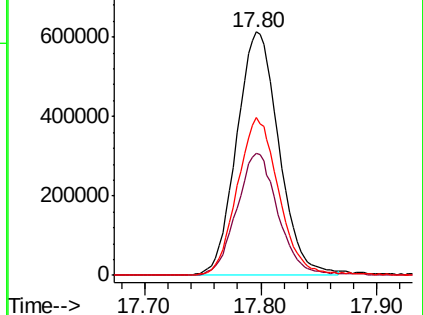


#77
 1,2-Dichlorobenzene
 Concen: 7.644 ppbv
 RT: 17.80
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 17:18

Tot Ion:146 Resp: 1541505
 Ion Ratio Lower Upper
 146 100
 111 49.8 24.3 73.0
 148 64.4 32.5 97.4

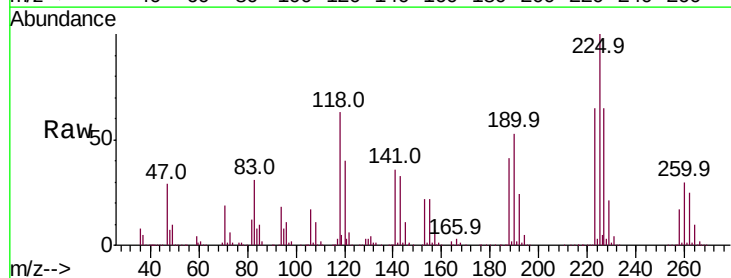


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

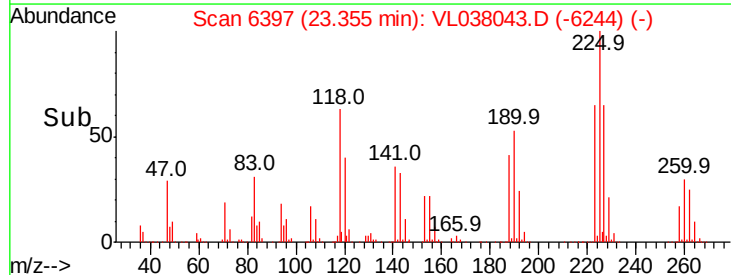
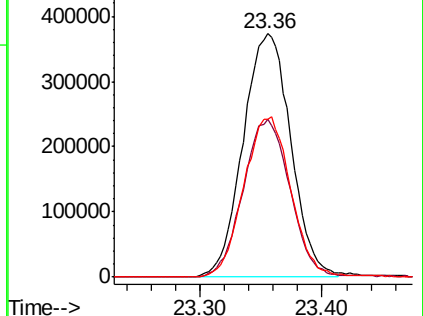


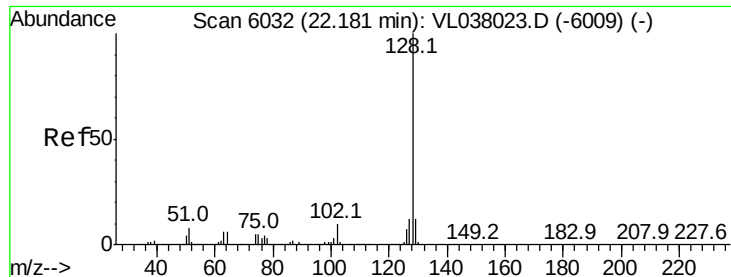
#78
 Hexachloro-1,3-Butadiene
 Concen: 7.735 ppbv
 RT: 23.36 min Scan# 6397
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

Tgt Ion:225 Resp: 1011699
 Ion Ratio Lower Upper
 225 100
 223 64.2 51.0 76.4
 227 65.7 51.4 77.2



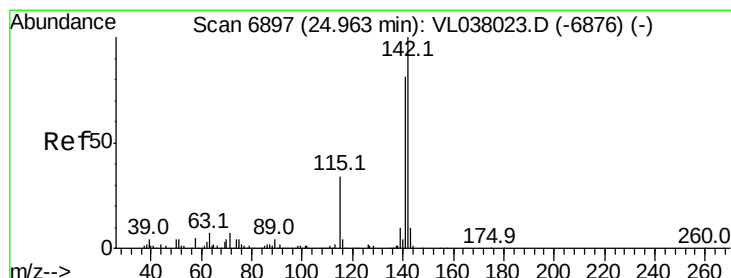
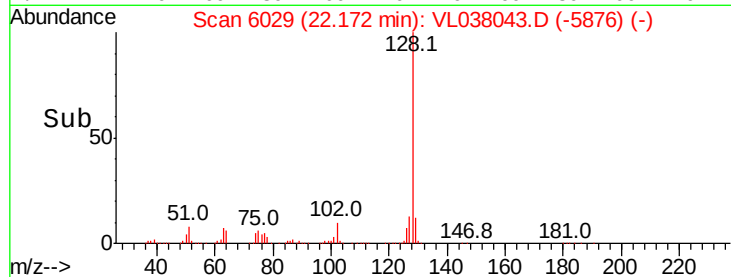
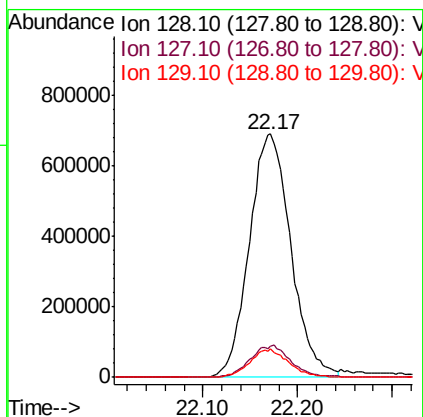
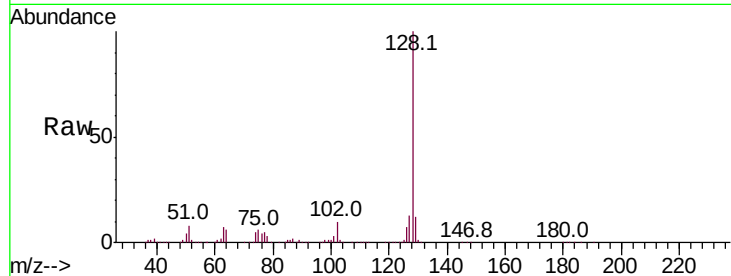
Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V





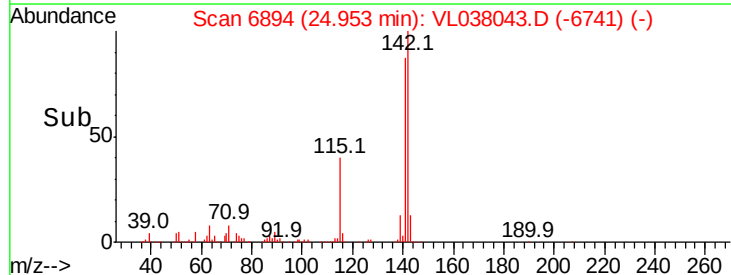
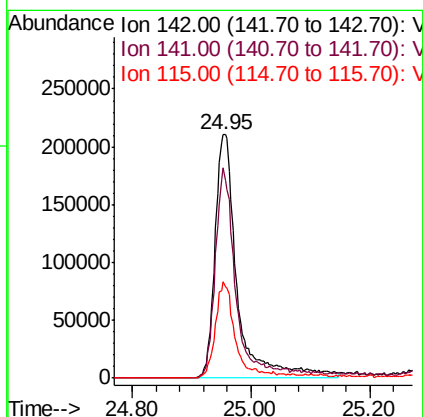
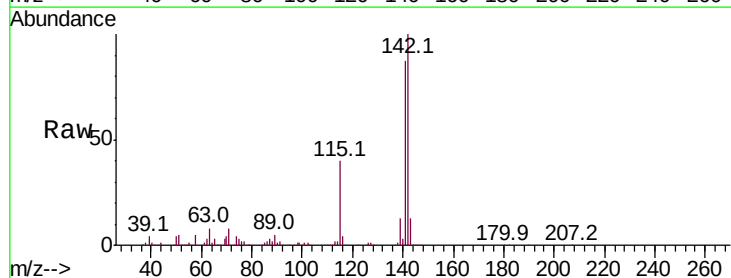
#79
Naphthalene
Concen: 10.063 ppbv
RT: 22.17 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 17:18

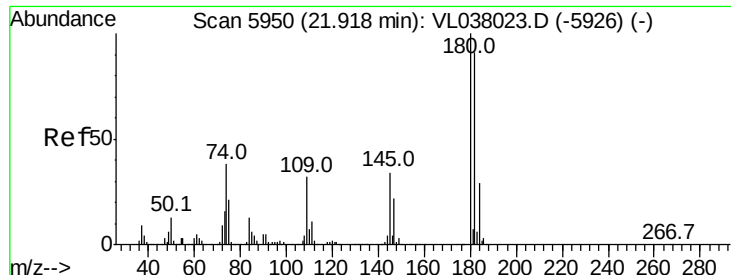
Tot Ion:128 Resp: 2103552
Ion Ratio Lower Upper
128 100
127 12.7 9.8 14.6
129 11.9 9.4 14.0



#80
Naphthalene, 2-methyl-
Concen: 13.994 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

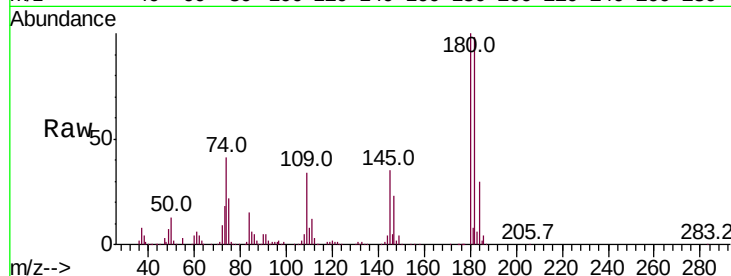
Tgt Ion:142 Resp: 552293
Ion Ratio Lower Upper
142 100
141 82.9 76.2 114.4
115 36.5 29.2 43.8





#81
 1,2,4-Trichlorobenzene
 Concen: 9.384 ppbv
 RT: 21.90
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 17:18

Tot Ion:	180	Resp:	1109276
Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.2	114.4
184	31.1	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

