

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110921\
 Data File : VL037978.D
 Acq On : 9 Nov 2021 10:01
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 10 04:47:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1640669	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4838402	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	5142872	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2995117	8.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.10%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	2226115	9.630	ppbv 100
3) Chlorodifluoromethane	2.99	51	2736893	8.961	ppbv 99
4) Chloromethane	3.14	50	1063631	9.163	ppbv 97
5) Vinyl Chloride	3.26	62	1051692	9.401	ppbv 97
6) Bromomethane	3.47	94	557944	9.232	ppbv 95
7) Chloroethane	3.56	64	367441	9.099	ppbv 98
8) Dichlorotetrafluoroethane	3.19	85	2344690	8.806	ppbv 99
9) Propene	3.01	41	1043505	9.529	ppbv 96
10) Heptane	8.11	43	2532967	9.942	ppbv 100
11) Trichlorofluoromethane	3.95	101	2100736	9.127	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1656735	9.233	ppbv 98
13) Ethanol	3.60	45	68787	6.227	ppbv 78
14) Bromoethene	3.74	108	737880	9.401	ppbv 100
15) Acetone	3.85	43	1212189	8.941	ppbv 98
16) 1,3-Butadiene	3.33	39	985601	9.226	ppbv 97
17) tert-Butyl alcohol	4.28	59	1503152	10.663	ppbv 98
18) 1,1-Dichloroethene	4.29	96	756880	9.165	ppbv 97
19) Isopropyl Alcohol	3.96	45	869602	10.030	ppbv # 94
20) Methylene Chloride	4.34	84	635263	8.535	ppbv 98
21) Allyl Chloride	4.41	41	1269600	10.149	ppbv 98
22) trans-1,2-Dichloroethene	4.88	96	779650	9.501	ppbv 96
23) Vinyl Acetate	5.07	43	1970673	9.654	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1581054	9.375	ppbv 98
25) Ethyl Acetate	5.67	43	3944606	9.796	ppbv 100
26) Hexane	5.68	57	1832330	9.604	ppbv 100
27) Carbon Disulfide	4.55	76	1956997	10.390	ppbv 99
28) Methyl tert-Butyl Ether	5.03	73	1598340	9.965	ppbv 99
29) Chloroform	5.74	83	2571567	9.038	ppbv 97
30) Cyclohexane	7.12	84	1569650	9.625	ppbv 98
31) cis-1,2-Dichloroethene	5.54	61	1704629	9.793	ppbv 99
32) 1,1,1-Trichloroethane	6.50	97	2469597	8.831	ppbv 100
34) 2-Butanone	5.24	43	1687062	9.410	ppbv 100
35) Carbon Tetrachloride	7.01	117	2528226	8.643	ppbv 99
36) Benzene	6.88	78	3821195	9.698	ppbv 98
37) 1,2-Dichloroethane	6.30	62	1794901	9.582	ppbv 98
38) Trichloroethene	7.83	130	1458174	8.916	ppbv 98
39) 1,2-Dichloropropane	7.60	63	1432262	9.661	ppbv 97
40) 1,4-Dioxane	7.82	88	136363	3.493	ppbv # 1
41) Tetrahydrofuran	6.04	42	920098	10.489	ppbv 99
42) Bromodichloromethane	7.78	83	2713976	9.583	ppbv 98
43) Methyl Methacrylate	8.00	69	1373441	10.620	ppbv 99

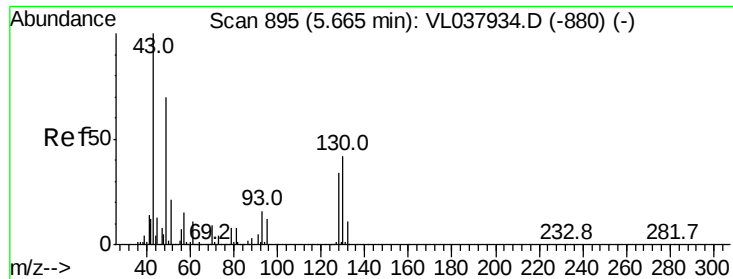
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110921\
 Data File : VL037978.D
 Acq On : 9 Nov 2021 10:01
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
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Quant Time: Nov 10 04:47:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	6372600	9.509	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1112138	11.703	ppbv	95
46) cis-1,3-Dichloropropene	8.69	75	1474965	11.289	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	1499719	9.003	ppbv	98
48) Dibromochloromethane	10.29	129	2320886	9.841	ppbv	100
49) Bromoform	13.02	173	1802092	9.667	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	2418309	10.266	ppbv	99
51) 2-Hexanone	10.13	43	1070842	10.786	ppbv #	97
52) Tetrachloroethene	11.21	164	1344517	8.995	ppbv	96
53) Toluene	9.80	91	4281834	10.137	ppbv	99
54) 1,2-Dibromoethane	10.60	107	2121922	9.877	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.11	131	891083	4.292	ppbv #	17
57) Chlorobenzene	12.13	112	3075610	7.493	ppbv	97
58) Ethyl Benzene	12.70	91	5304225	8.434	ppbv	100
59) m/p-Xylene	12.99	91	4762503	8.520	ppbv #	39
60) o-Xylene	13.68	91	4060484	7.704	ppbv	99
61) Styrene	13.51	104	2273979	9.395	ppbv	100
62) Isopropylbenzene	14.65	105	5635487	7.551	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	2851470	6.286	ppbv	98
64) n-propylbenzene	15.55	120	1487221	7.778	ppbv	97
65) tert-Butylbenzene	16.73	119	4873655	7.390	ppbv	100
66) Benzyl Chloride	16.97	91	247343	7.177	ppbv #	95
67) sec-Butylbenzene	17.28	105	6702976	7.377	ppbv	100
69) p-Isopropyltoluene	17.64	119	5564798	7.635	ppbv	99
70) n-Butylbenzene	18.54	91	5375883	8.027	ppbv	100
71) 2-Chlorotoluene	15.44	91	4058343	7.762	ppbv	99
72) 4-Ethyltoluene	15.82	105	4915659	8.141	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	4284598	7.578	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	4366011	7.370	ppbv	98
75) 1,3-Dichlorobenzene	16.98	146	2648287	7.180	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	2532548	7.096	ppbv	99
77) 1,2-Dichlorobenzene	17.80	146	2471372	7.136	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	2075099	7.000	ppbv	100
79) Naphthalene	22.18	128	3727054	10.920	ppbv	100
80) Naphthalene, 2-methyl-	24.96	142	1176265	17.704	ppbv	100
81) 1,2,4-Trichlorobenzene	21.91	180	2072199	9.328	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Nov 2021 10:01

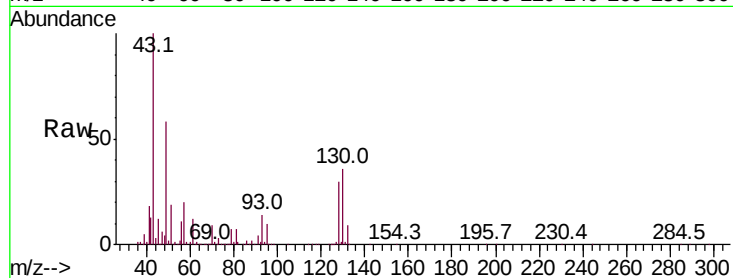
Tot Ion: 49 Resp: 1640669

Ion Ratio Lower Upper

49 100

128 53.9 27.0 81.0

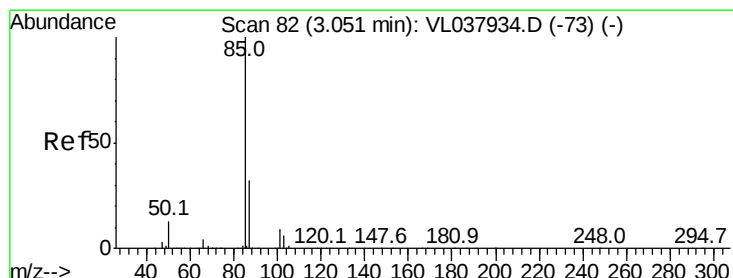
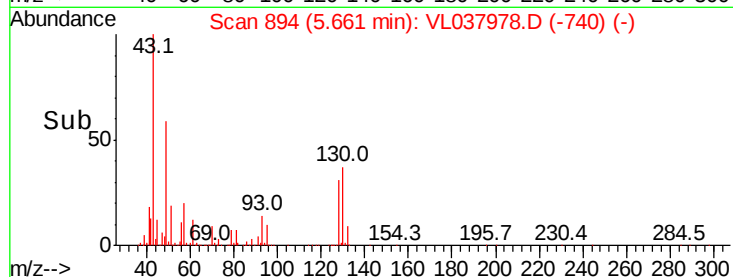
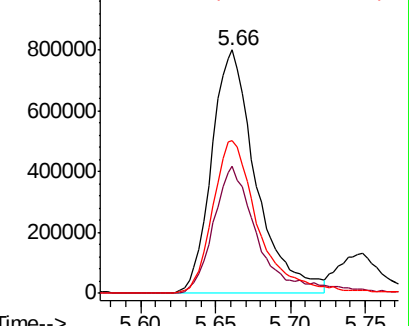
130 66.1 33.4 100.2



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 9.630 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL037978.D

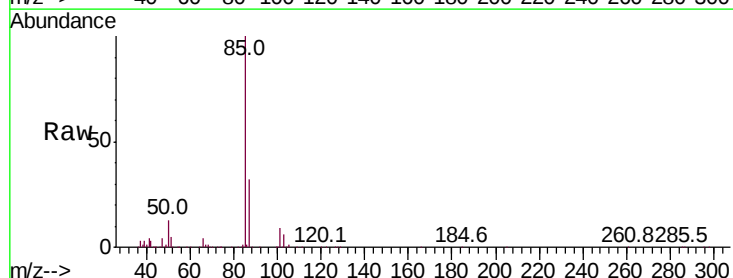
Acq: 9 Nov 2021 10:01

Tgt Ion: 85 Resp: 2226115

Ion Ratio Lower Upper

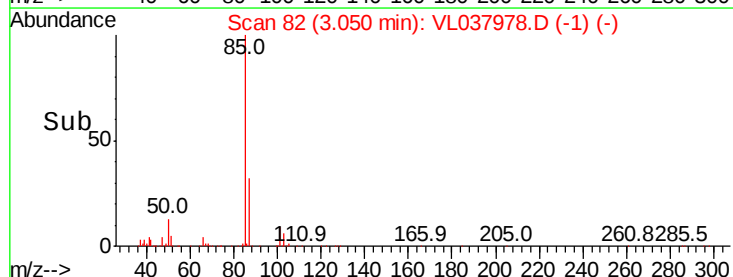
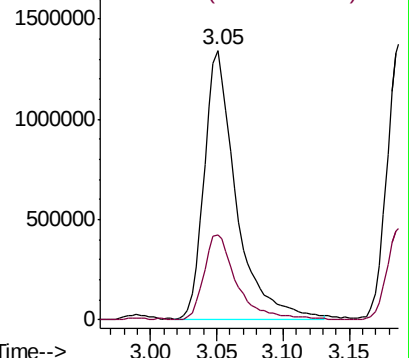
85 100

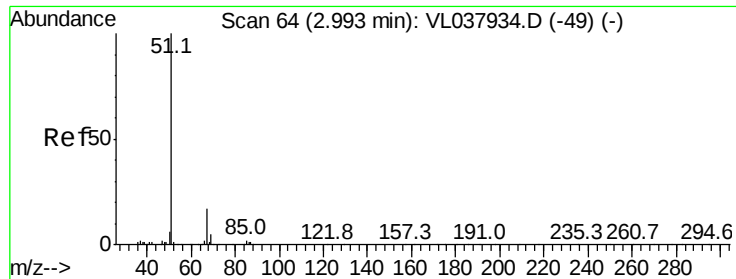
87 31.7 25.3 37.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

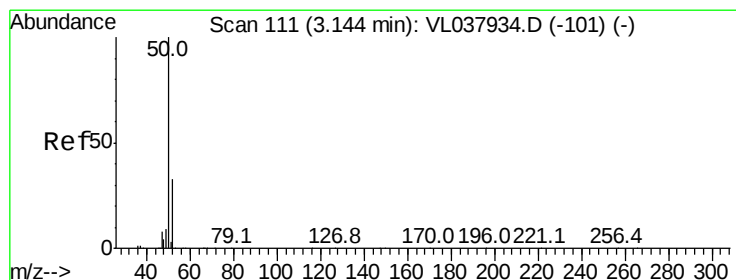
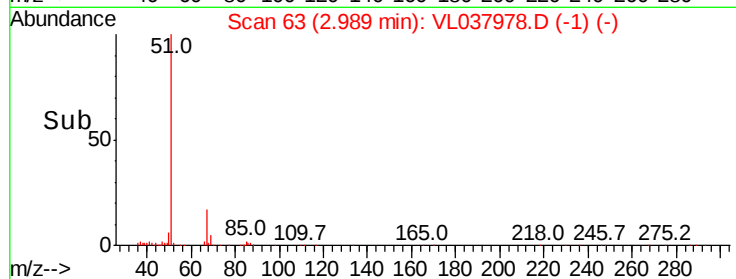
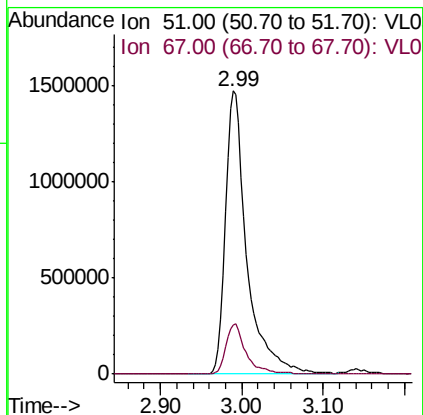
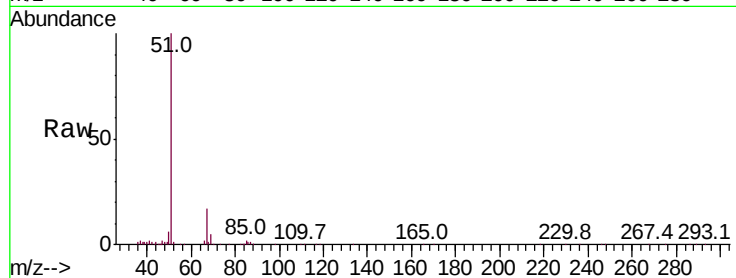
Ion 87.00 (86.70 to 87.70): VL0





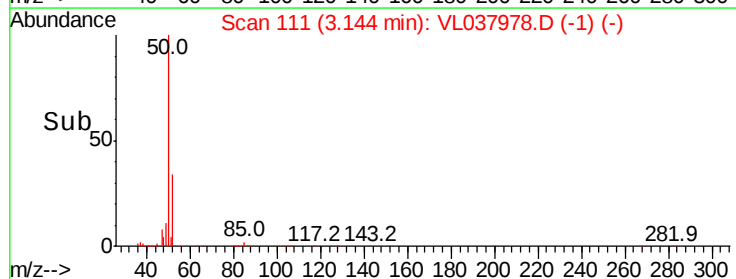
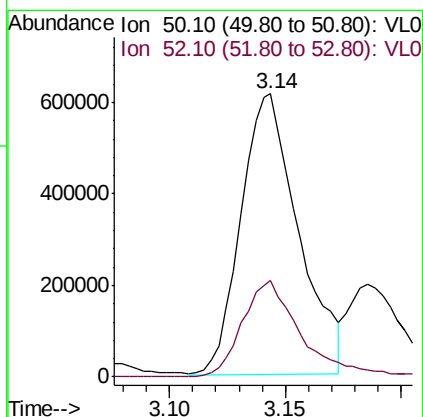
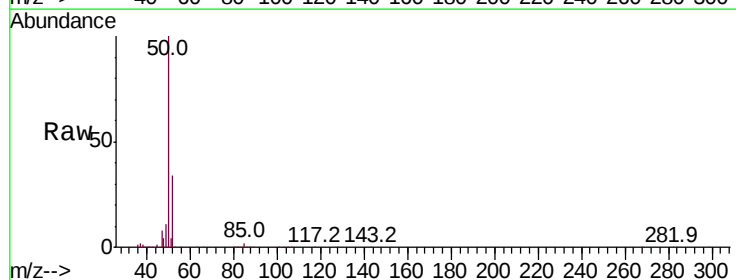
#3
 Chlorodifluoromethane
 Concen: 8.961 ppbv
 RT: 2.99
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Nov 2021 10:01

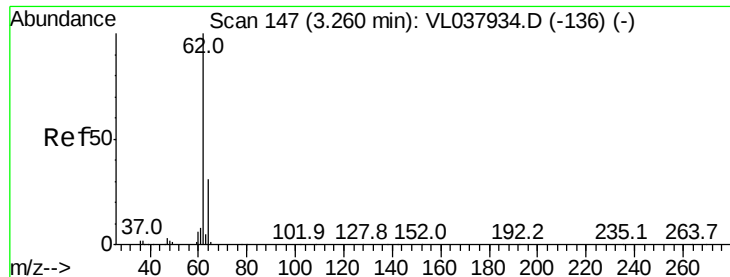
Tot Ion: 51 Resp: 2736893
 Ion Ratio Lower Upper
 51 100
 67 16.9 13.4 20.0



#4
 Chloromethane
 Concen: 9.163 ppbv
 RT: 3.14 min Scan# 111
 Delta R.T. -0.00 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

Tgt Ion: 50 Resp: 1063631
 Ion Ratio Lower Upper
 50 100
 52 34.3 26.3 39.5





#5

Vinyl Chloride

Concen: 9.401 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

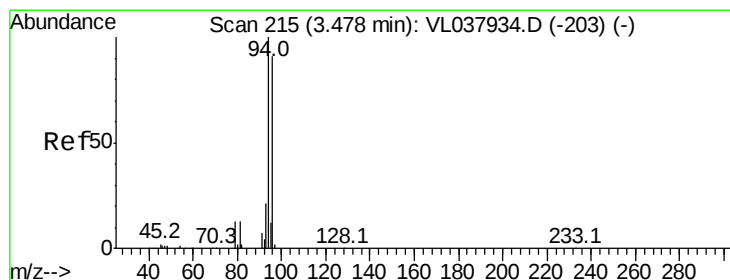
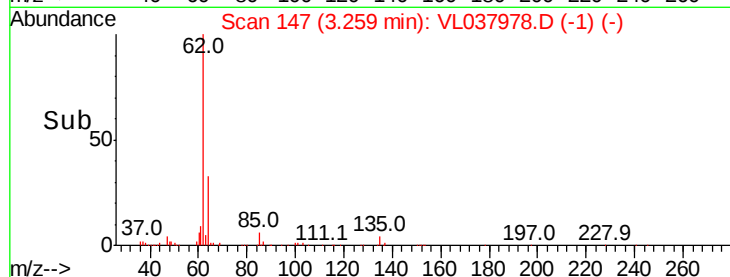
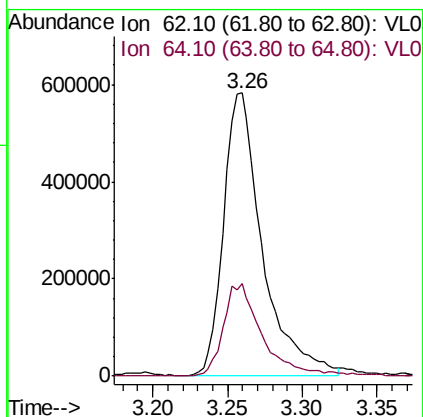
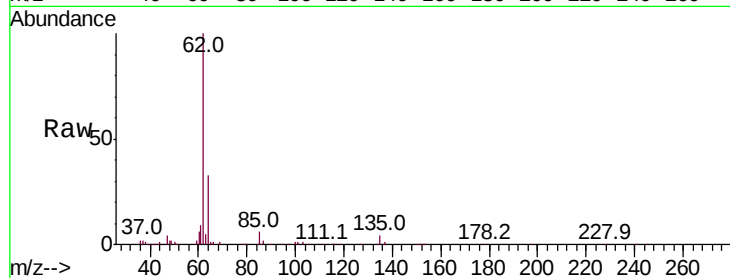
Acq: 9 Nov 2021 10:01

Tot Ion: 62 Resp: 1051692

Ion Ratio Lower Upper

62 100

64 32.5 24.7 37.1



#6

Bromomethane

Concen: 9.232 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL037978.D

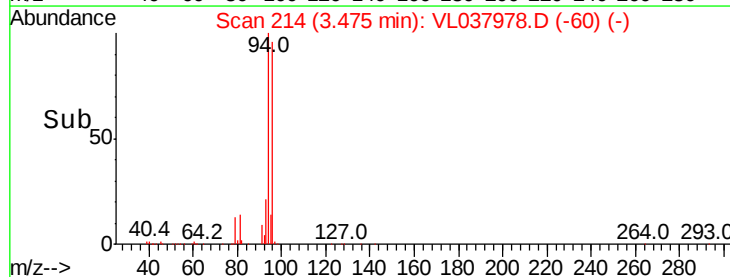
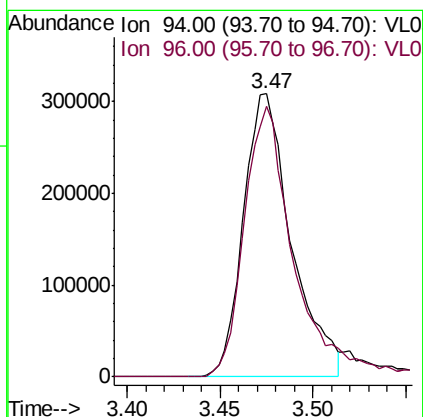
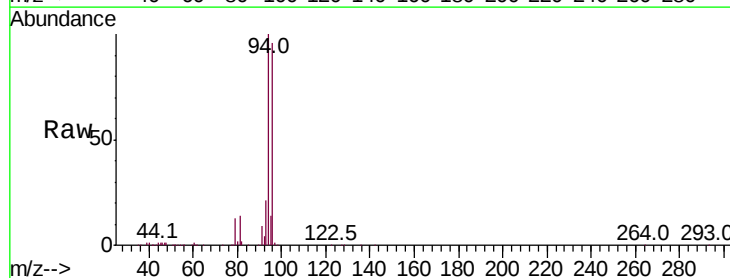
Acq: 9 Nov 2021 10:01

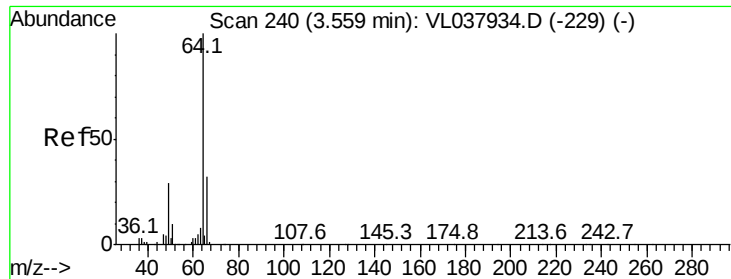
Tgt Ion: 94 Resp: 557944

Ion Ratio Lower Upper

94 100

96 95.8 73.0 109.4





#7

Chloroethane

Concen: 9.099 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

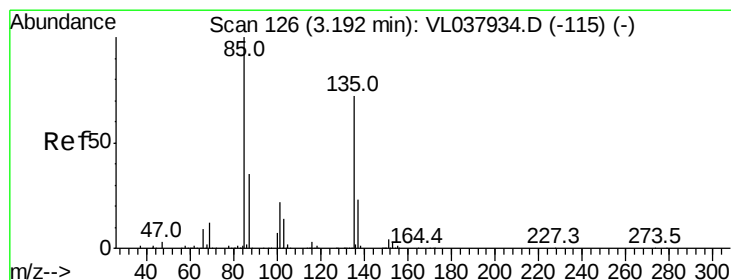
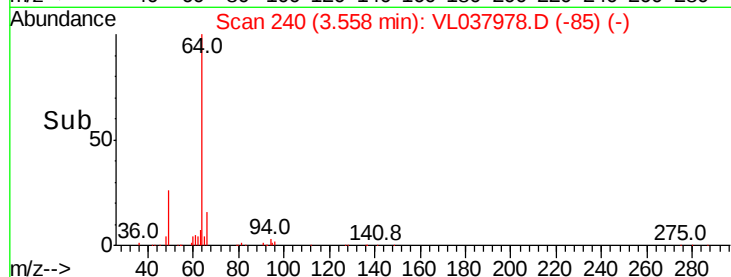
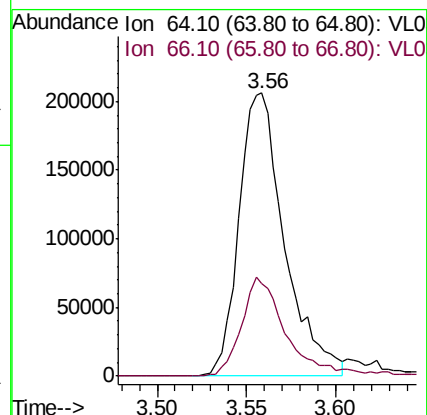
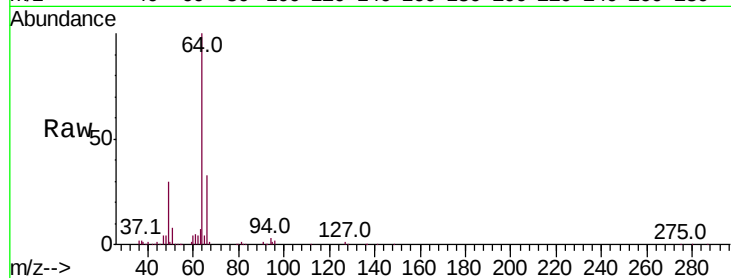
Acq: 9 Nov 2021 10:01

Tot Ion: 64 Resp: 367441

Ion Ratio Lower Upper

64 100

66 32.8 25.5 38.3



#8

Dichlorotetrafluoroethane

Concen: 8.806 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL037978.D

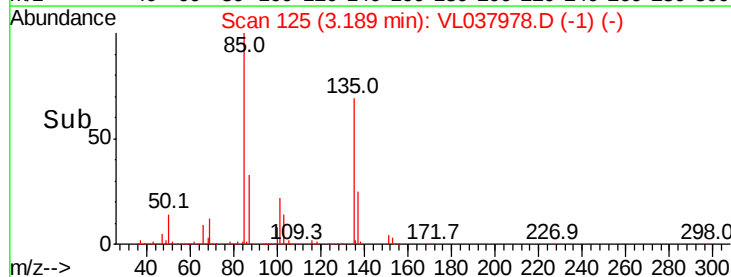
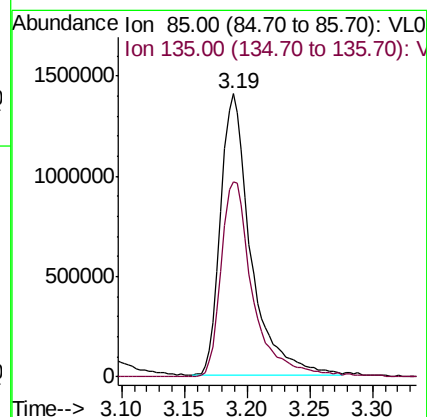
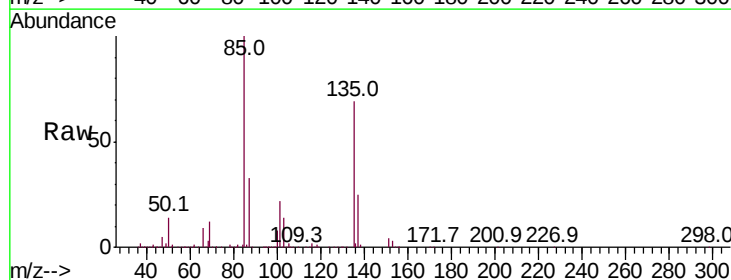
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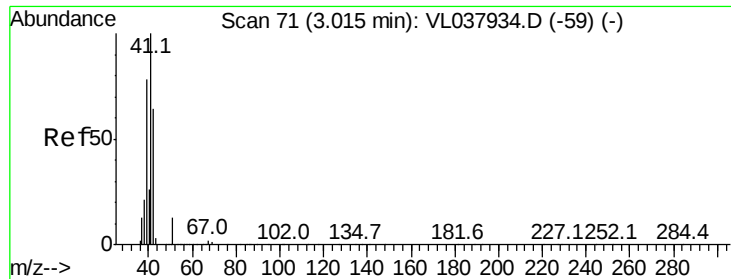
Tgt Ion: 85 Resp: 2344690

Ion Ratio Lower Upper

85 100

135 74.3 58.8 88.2





#9

Propene

Concen: 9.529 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File:

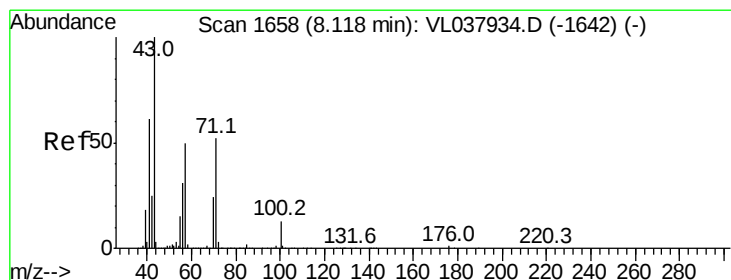
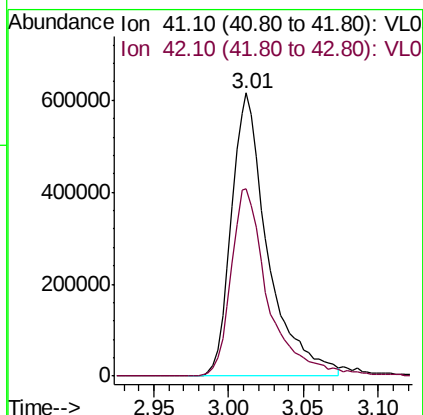
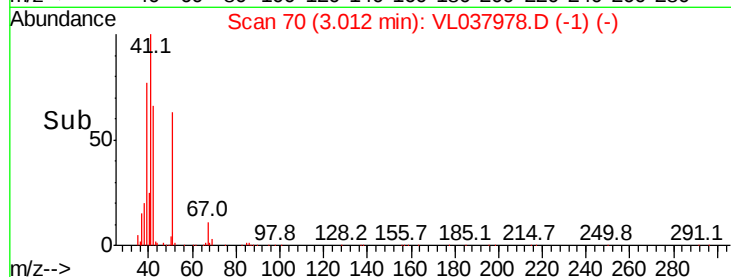
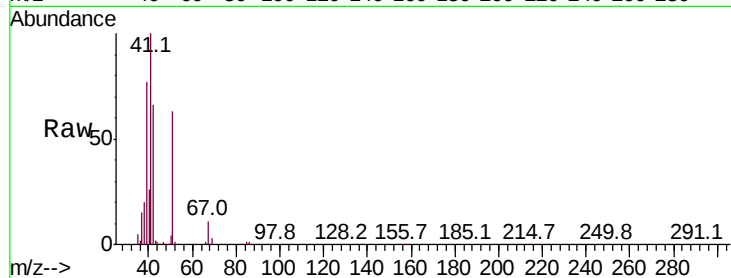
Acq: 9 Nov 2021 10:01

Tot Ion: 41 Resp: 1043505

Ion Ratio Lower Upper

41 100

42 68.4 57.6 86.4



#10

Heptane

Concen: 9.942 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VL037978.D

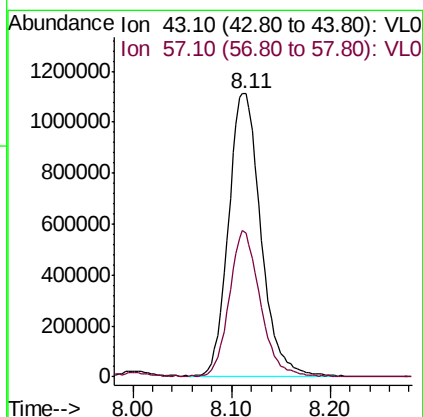
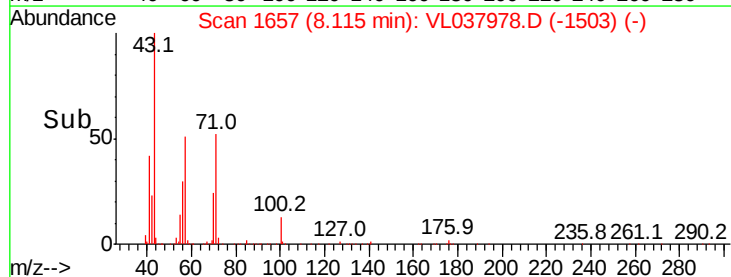
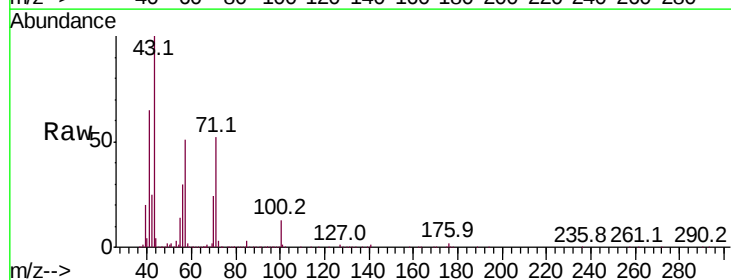
Acq: 9 Nov 2021 10:01

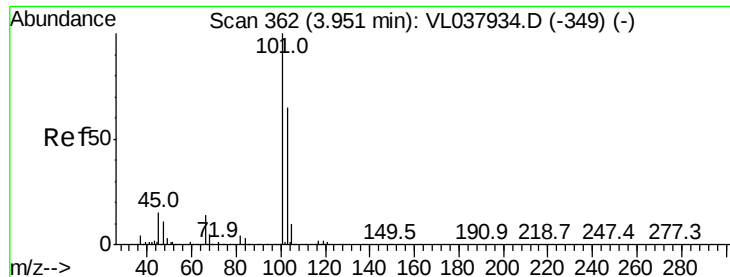
Tgt Ion: 43 Resp: 2532967

Ion Ratio Lower Upper

43 100

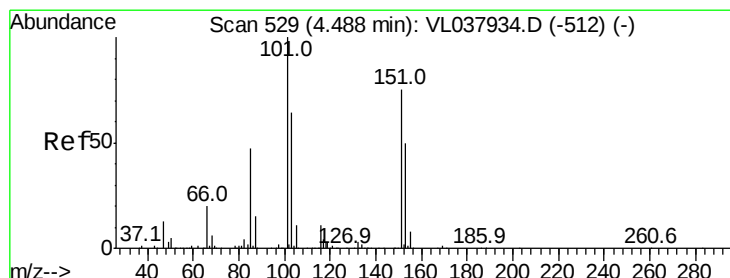
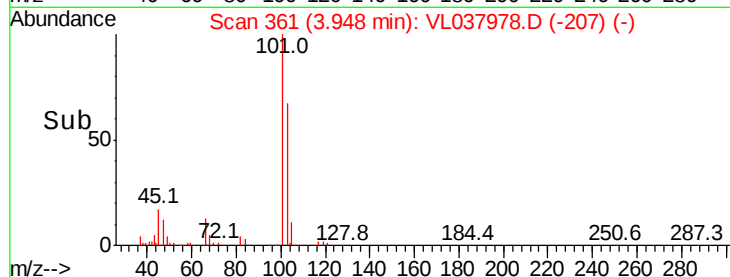
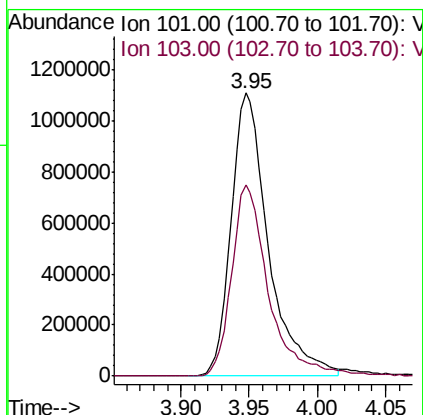
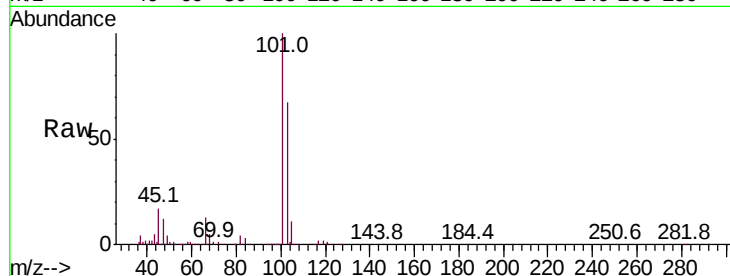
57 49.6 39.8 59.8





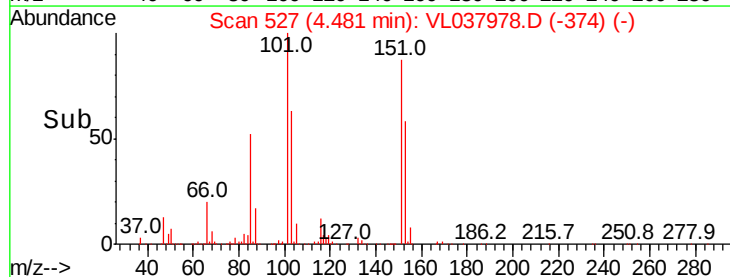
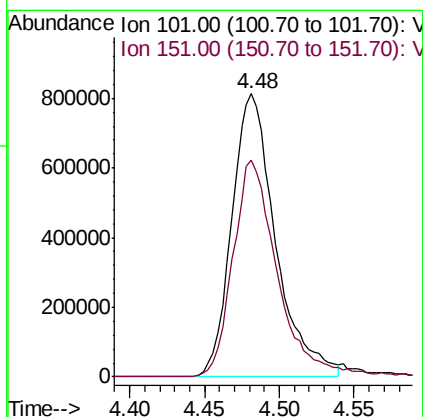
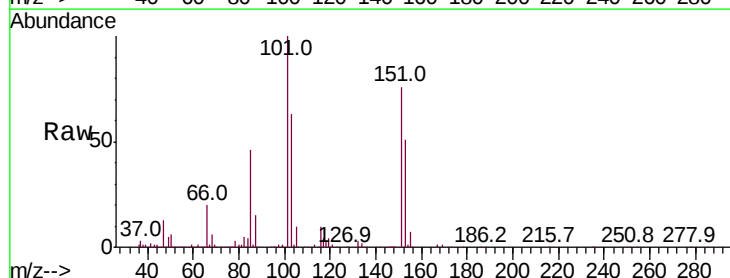
#11
 Trichlorofluoromethane
 Concen: 9.127 ppbv
 RT: 3.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Nov 2021 10:01

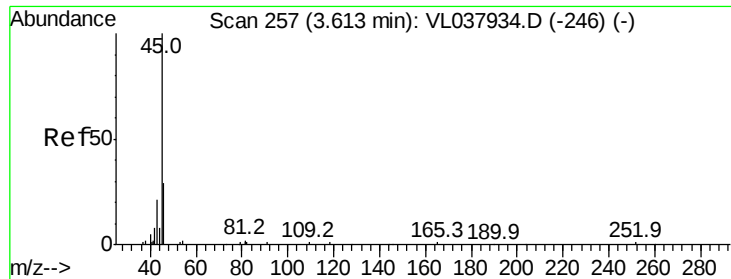
Tot Ion:101 Resp: 2100736
 Ion Ratio Lower Upper
 101 100
 103 67.5 52.0 78.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.233 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

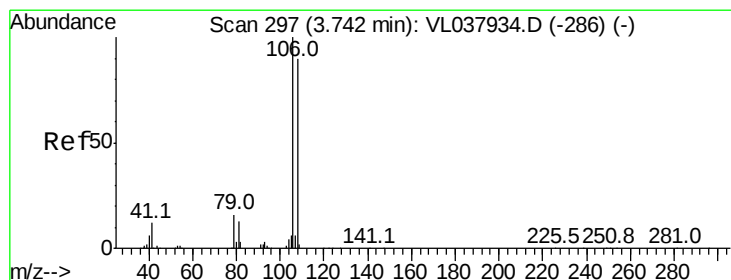
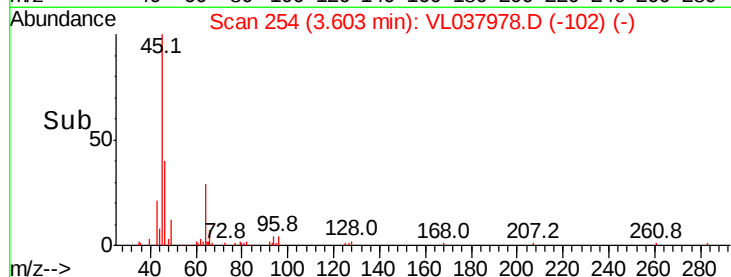
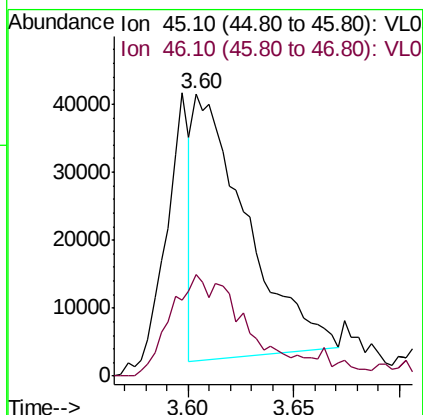
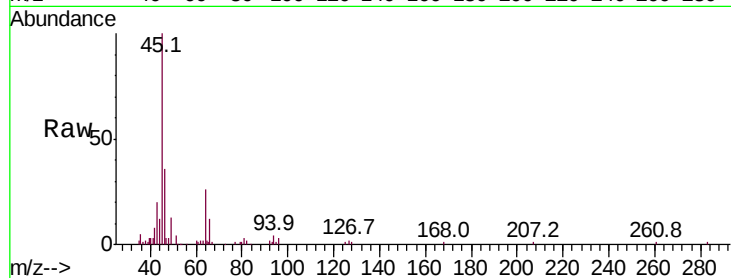
Tgt Ion:101 Resp: 1656735
 Ion Ratio Lower Upper
 101 100
 151 78.8 61.8 92.8





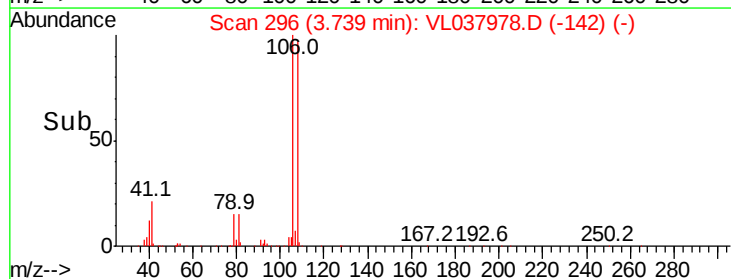
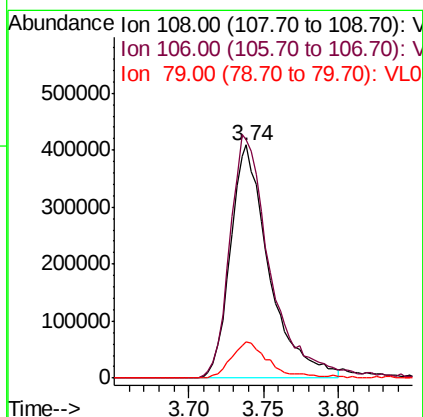
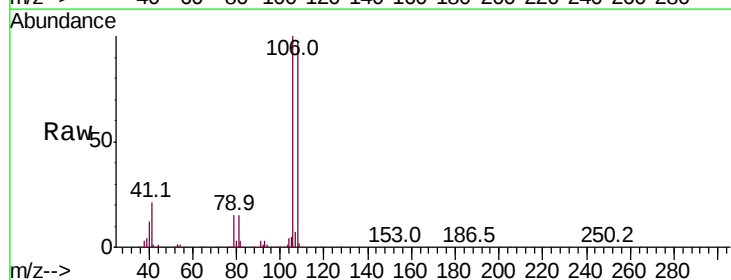
#13
 Ethanol
 Concen: 6.227 ppbv
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Nov 2021 10:01

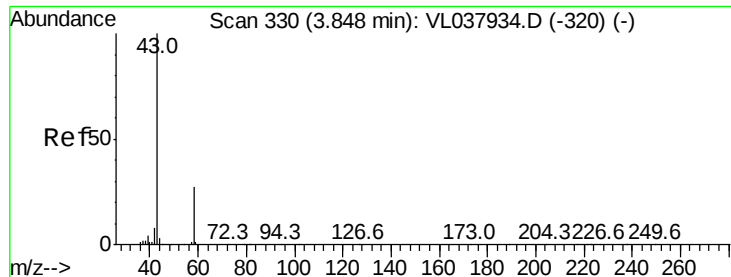
Tot Ion: 45 Resp: 68787
 Ion Ratio Lower Upper
 45 100
 46 57.5 17.4 69.8



#14
 Bromoethene
 Concen: 9.401 ppbv
 RT: 3.74 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

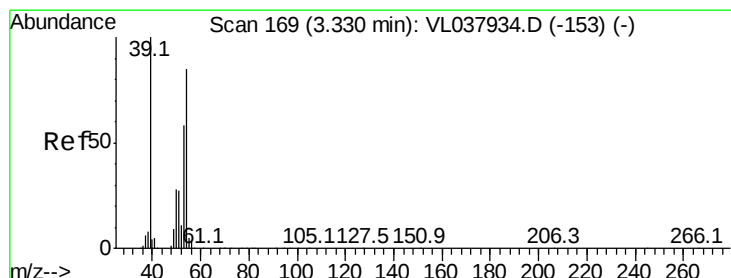
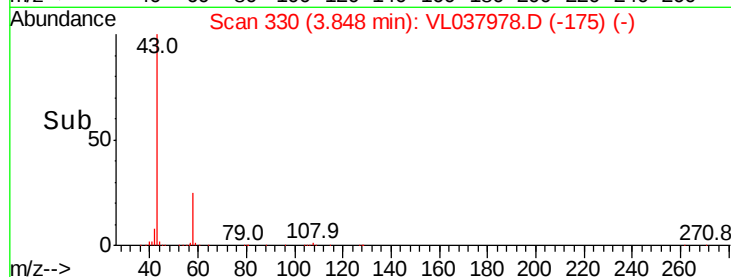
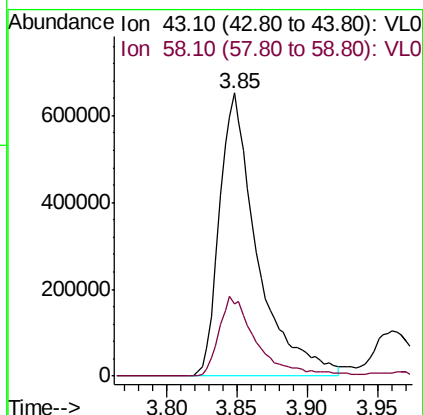
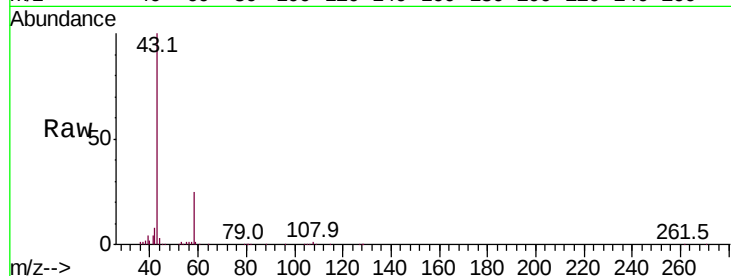
Tgt Ion: 108 Resp: 737880
 Ion Ratio Lower Upper
 108 100
 106 110.8 88.4 132.6
 79 15.8 12.4 18.6





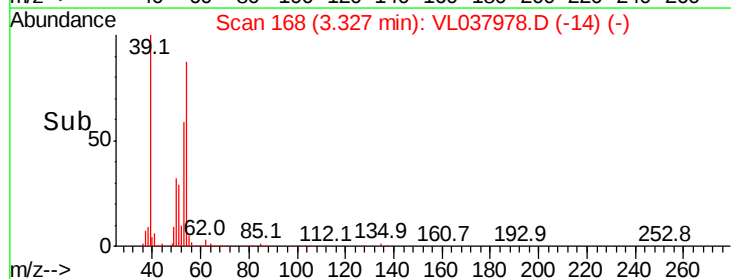
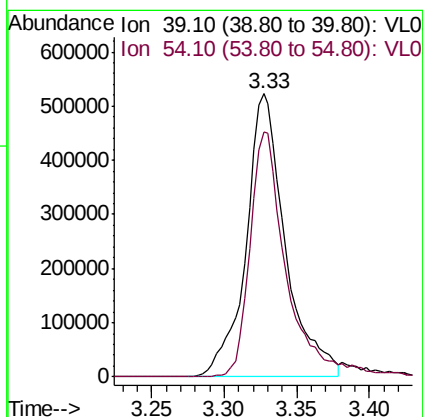
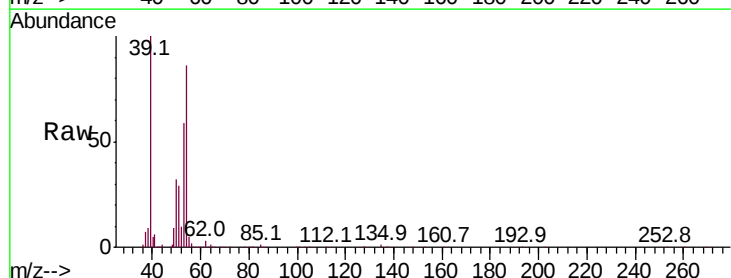
#15
Acetone
Concen: 8.941 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Nov 2021 10:01

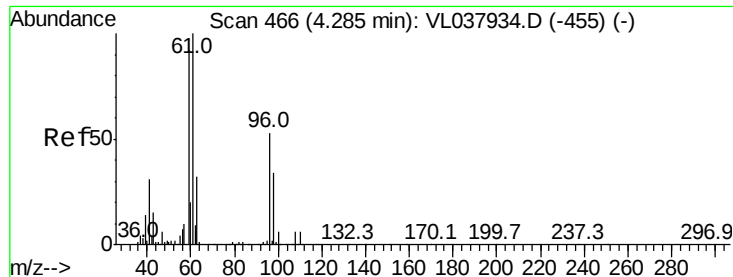
Tot Ion: 43 Resp: 1212189
Ion Ratio Lower Upper
43 100
58 28.2 23.3 34.9



#16
1,3-Butadiene
Concen: 9.226 ppbv
RT: 3.33 min Scan# 168
Delta R.T. -0.00 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

Tgt Ion: 39 Resp: 985601
Ion Ratio Lower Upper
39 100
54 81.2 62.6 93.8





#17

tert-Butyl alcohol

Concen: 10.663 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T. -0.01

Lab File: ClientSampleId:

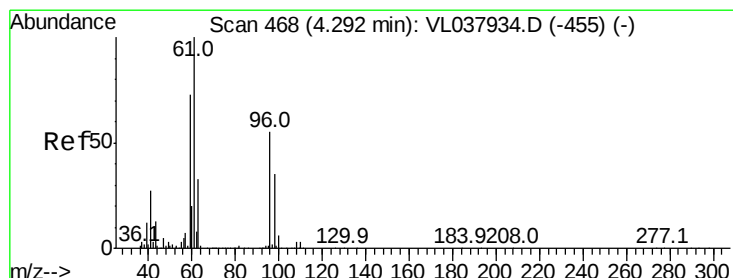
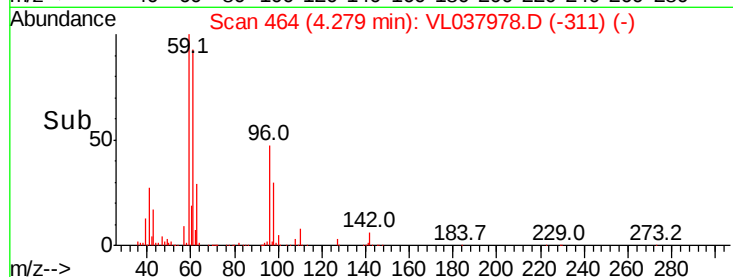
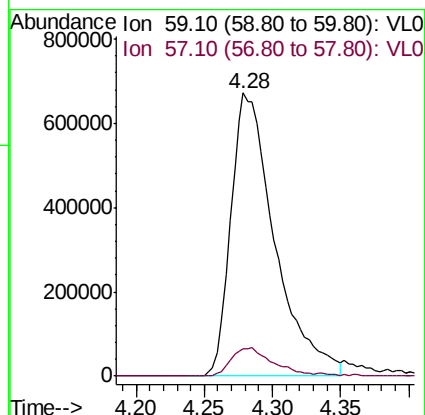
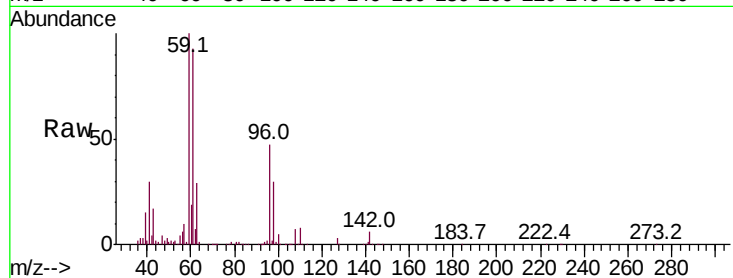
Acq: 9 Nov 2021 10:01

Tot Ion: 59 Resp: 1503152

Ion Ratio Lower Upper

59 100

57 10.3 8.9 13.3



#18

1,1-Dichloroethene

Concen: 9.165 ppbv

RT: 4.29 min Scan# 466

Delta R.T. -0.01 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

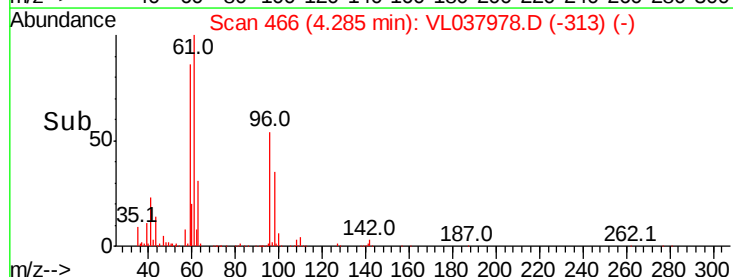
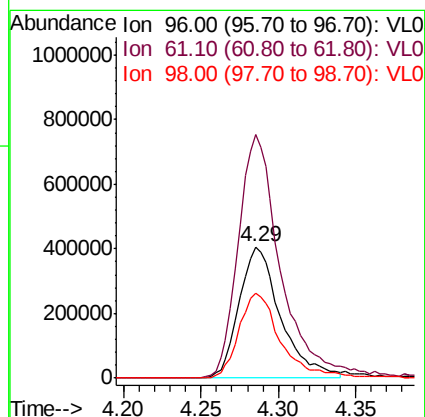
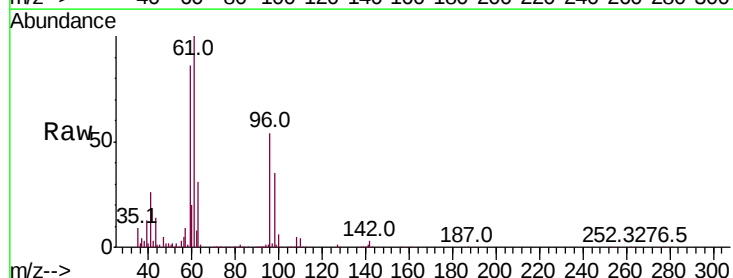
Tgt Ion: 96 Resp: 756880

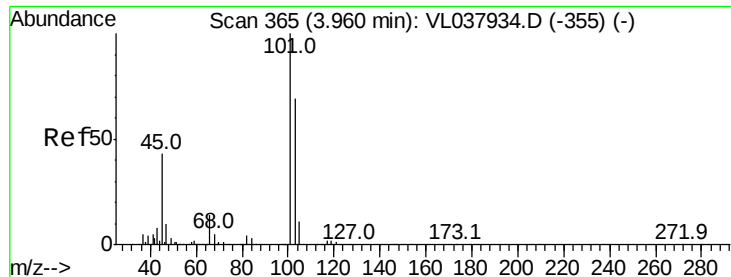
Ion Ratio Lower Upper

96 100

61 185.6 144.3 216.5

98 65.2 50.5 75.7





#19

Isopropyl Alcohol

Concen: 10.030 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

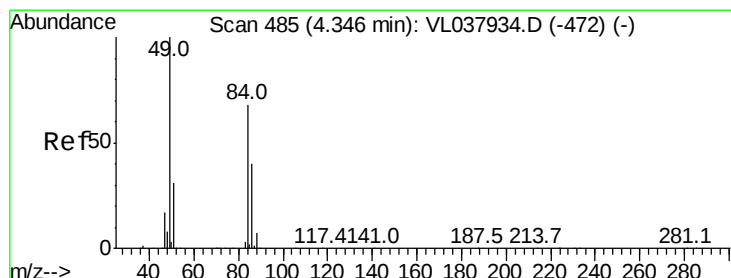
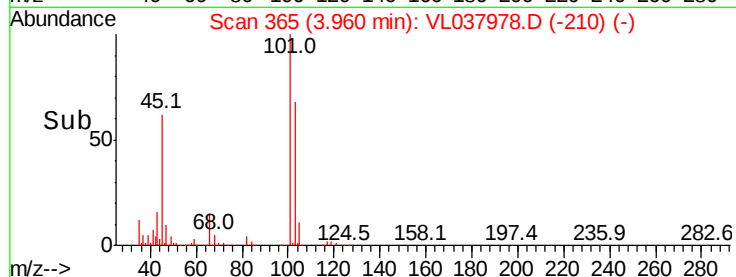
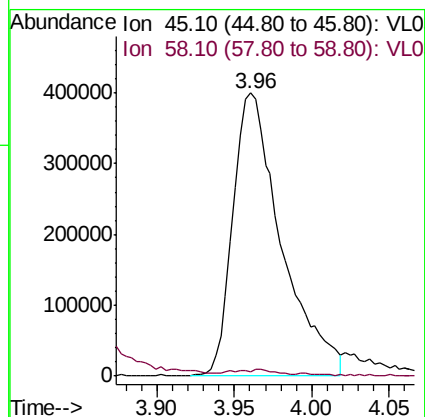
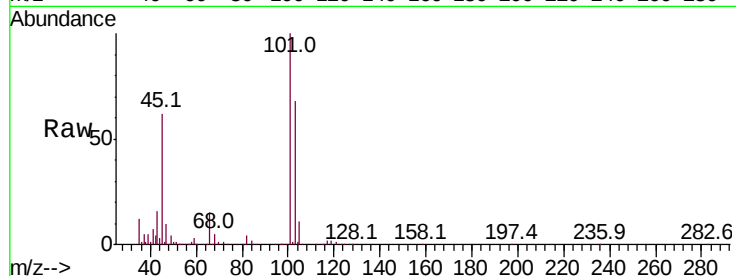
Acq: 9 Nov 2021 10:01

Tot Ion: 45 Resp: 869602

Ion Ratio Lower Upper

45 100

58 3.0 4.0 6.0#



#20

Methylene Chloride

Concen: 8.535 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Tgt Ion: 84 Resp: 635263

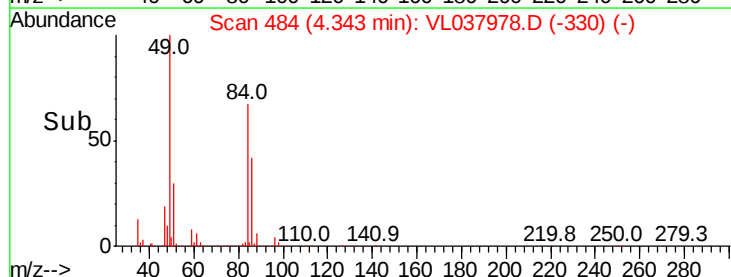
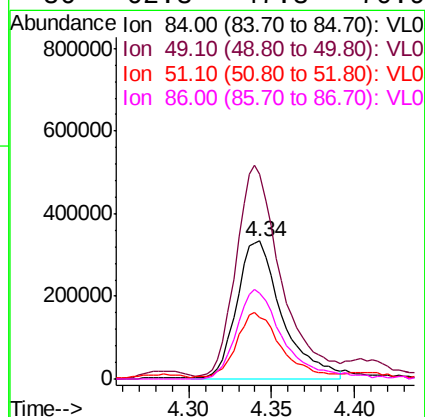
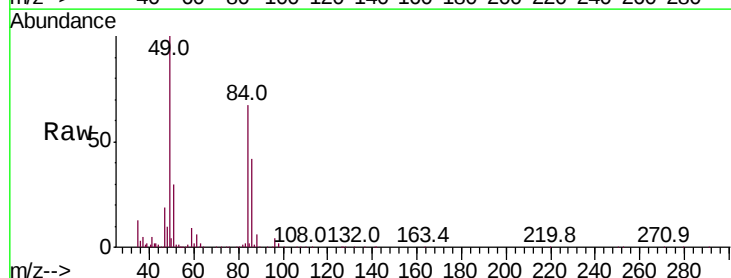
Ion Ratio Lower Upper

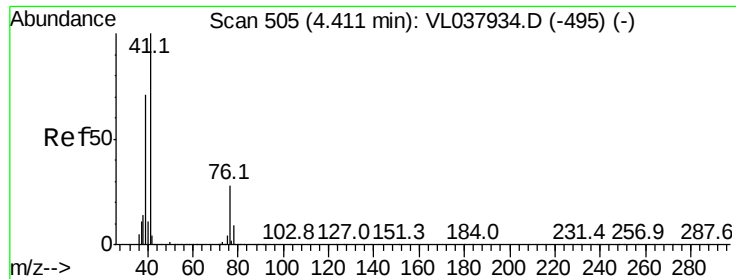
84 100

49 146.4 117.5 176.3

51 43.9 35.9 53.9

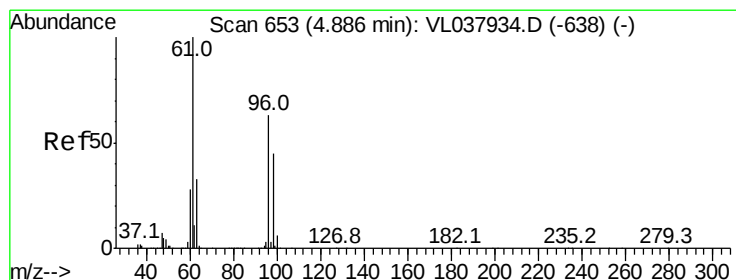
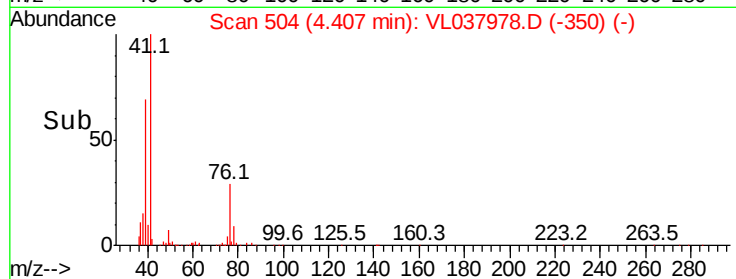
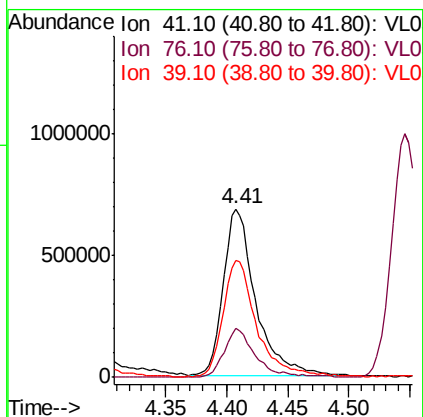
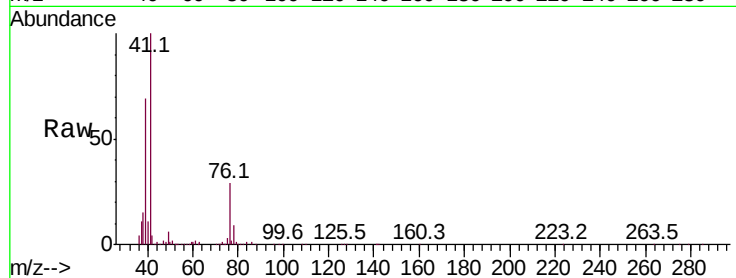
86 62.3 47.3 70.9





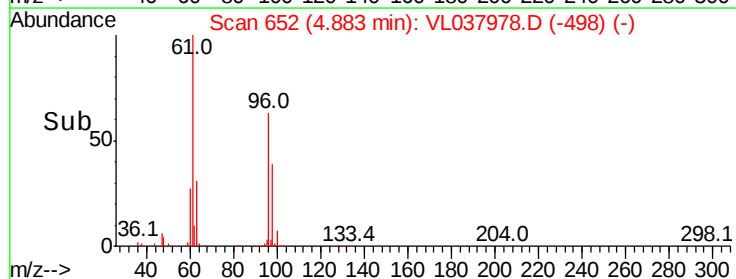
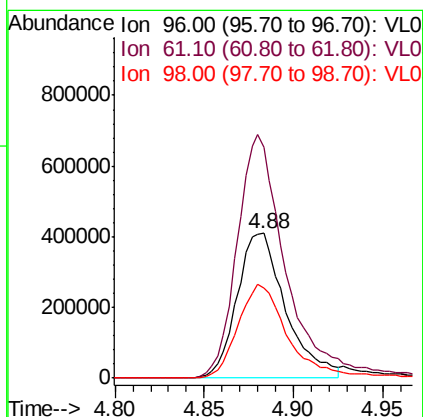
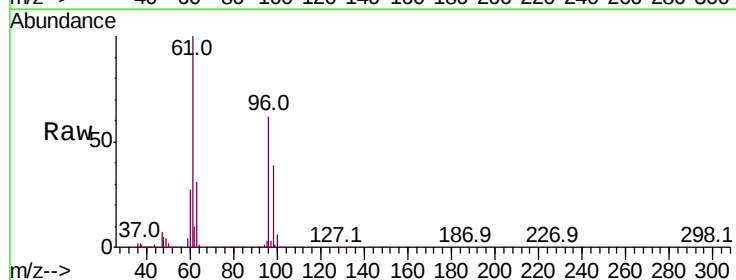
#21
 Allvl Chloride
 Concen: 10.149 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Nov 2021 10:01

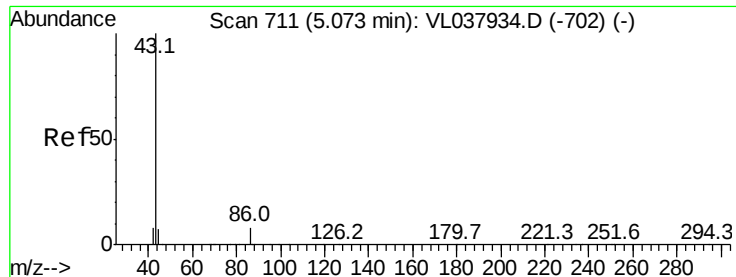
Tot Ion: 41 Resp: 1269600
 Ion Ratio Lower Upper
 41 100
 76 28.6 23.6 35.4
 39 73.0 59.7 89.5



#22
 trans-1,2-Dichloroethene
 Concen: 9.501 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

Tgt Ion: 96 Resp: 779650
 Ion Ratio Lower Upper
 96 100
 61 159.8 127.8 191.6
 98 61.8 56.9 85.3





#23

Vinyl Acetate

Concen: 9.654 ppbv

RT: 5.07 Instrument:

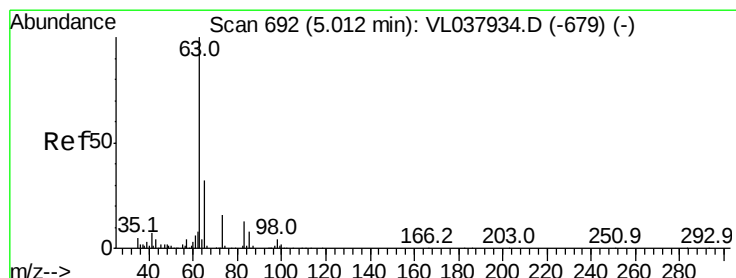
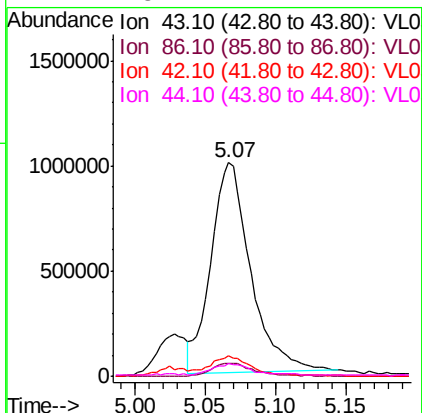
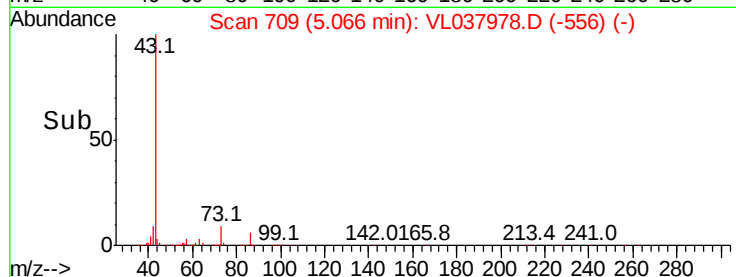
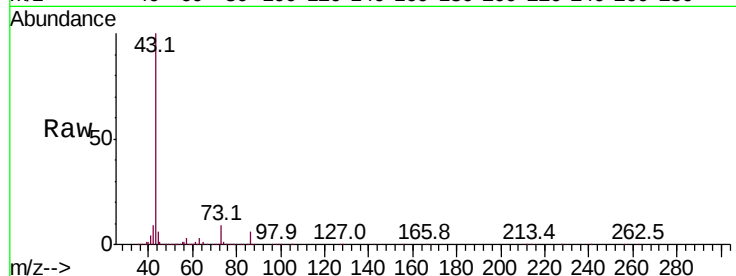
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Nov 2021 10:01

Tot Ion: 43 Resp: 1970673

Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.5	8.3
42	9.2	7.4	11.2
44	5.2	4.7	7.1



#24

1,1-Dichloroethane

Concen: 9.375 ppbv

RT: 5.01 min Scan# 690

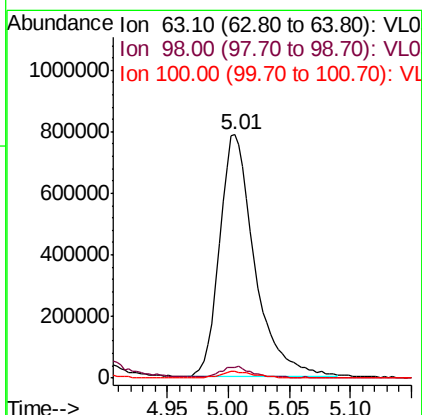
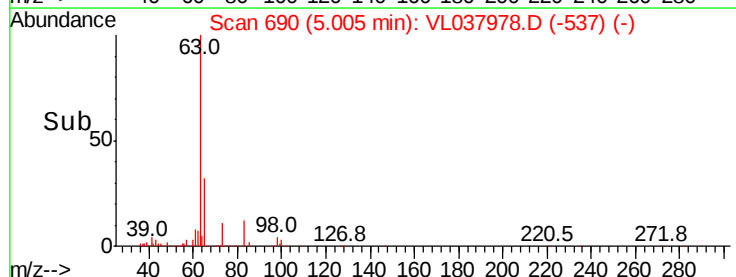
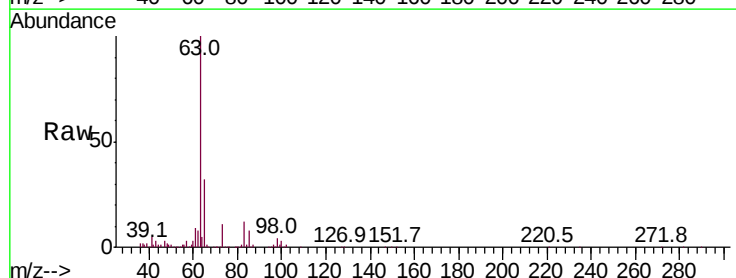
Delta R.T. -0.01 min

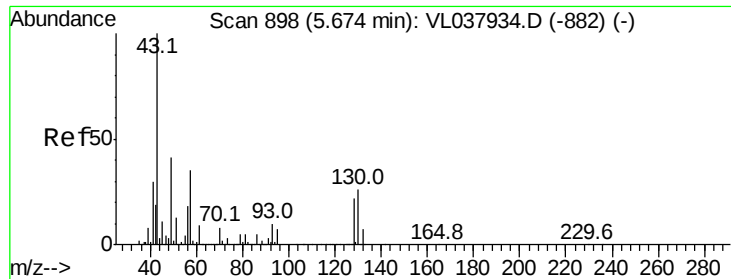
Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Tgt Ion: 63 Resp: 1581054

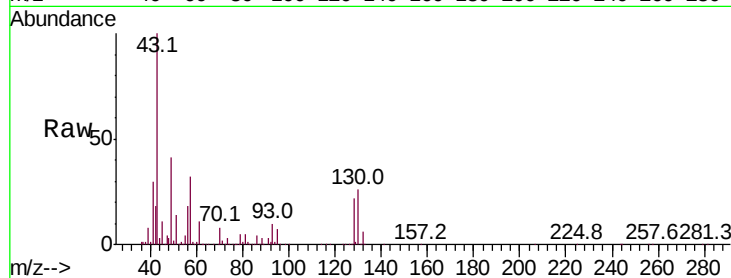
Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.3	6.9
100	2.7	1.2	3.6



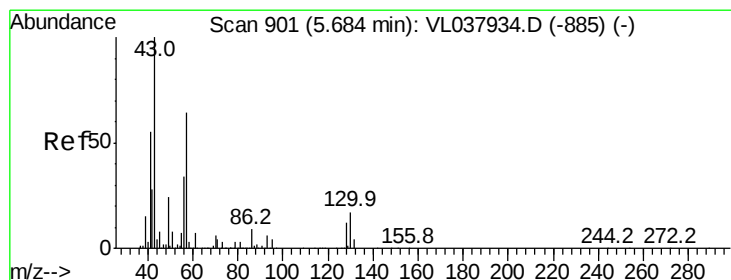
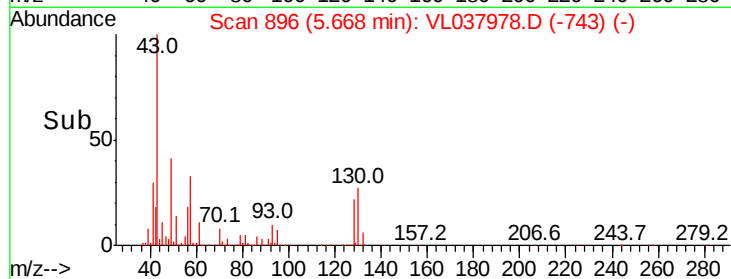
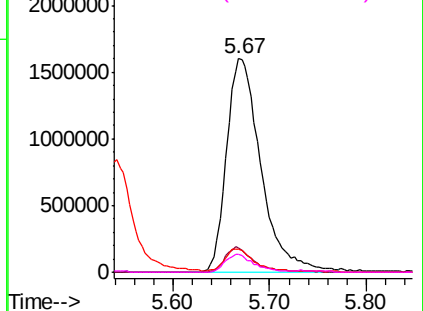


#25
Ethyl Acetate
Concen: 9.796 ppbv
RT: 5.67 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Nov 2021 10:01

Tot Ion:	43	Resp:	3944606
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.1	12.1
61	9.8	8.1	12.1
70	7.2	5.8	8.6

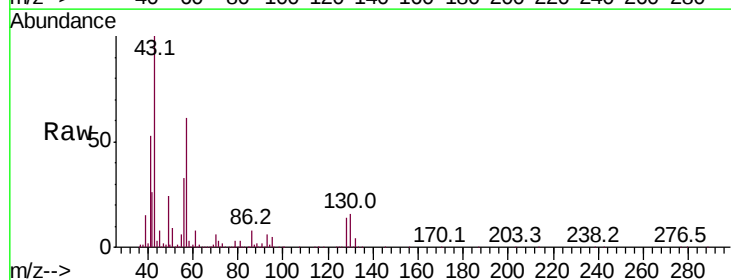


Abundance Ion 43.10 (42.80 to 43.80): VL0
2500000
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

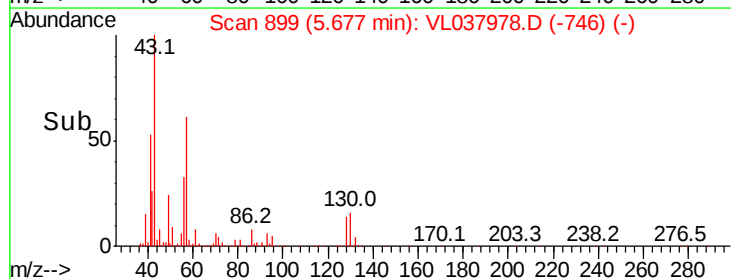
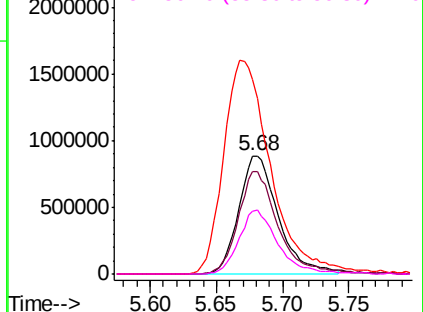


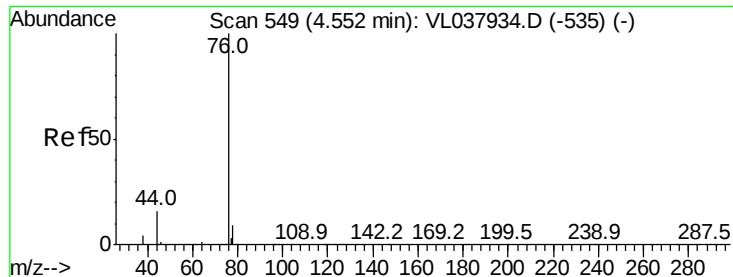
#26
Hexane
Concen: 9.604 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

Tgt Ion:	57	Resp:	1832330
Ion	Ratio	Lower	Upper
57	100		
41	88.6	71.0	106.6
43	217.0	173.0	259.6
56	54.1	43.6	65.4



Abundance Ion 57.10 (56.80 to 57.80): VL0
2500000
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 10.390 ppbv

RT: 4.55 Instrument:

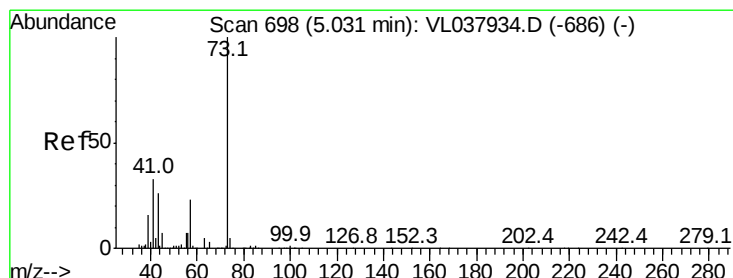
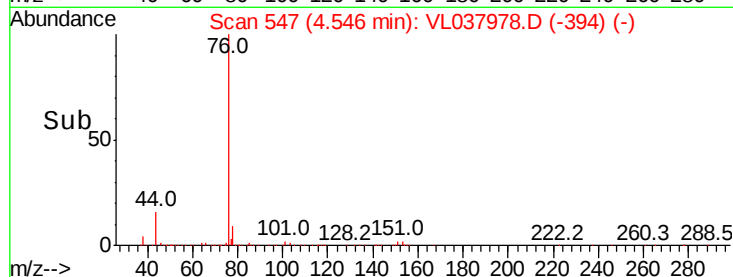
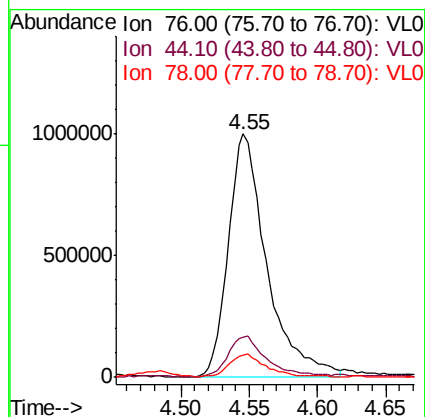
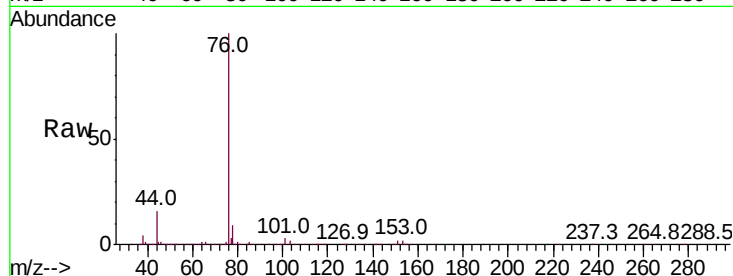
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Nov 2021 10:01

Tot Ion: 76 Resp: 1956997

Ion	Ratio	Lower	Upper
76	100		
44	16.7	13.2	19.8
78	10.0	7.2	10.8



#28

Methyl tert-Butyl Ether

Concen: 9.965 ppbv

RT: 5.03 min Scan# 697

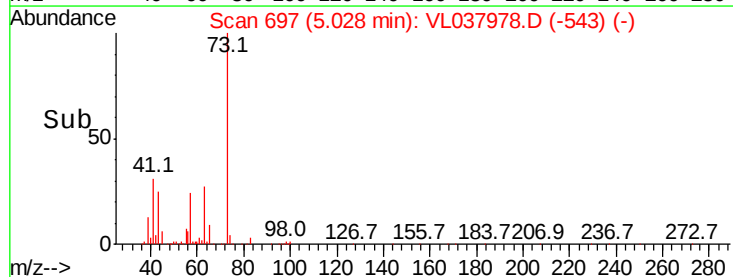
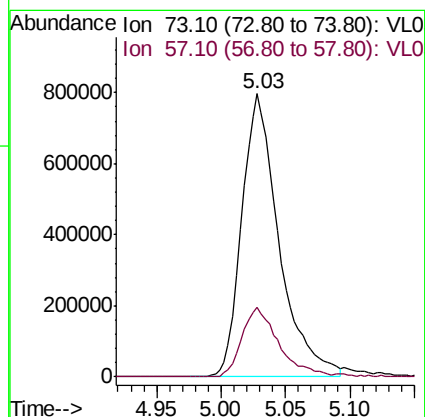
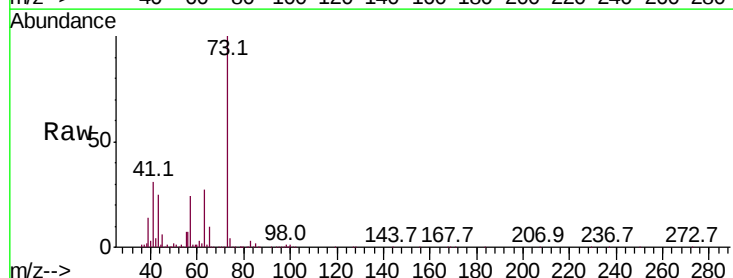
Delta R.T. -0.00 min

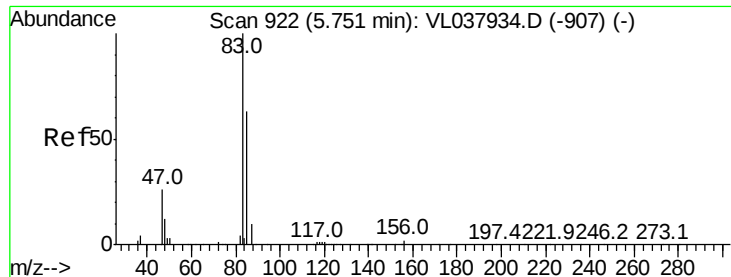
Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Tgt Ion: 73 Resp: 1598340

Ion	Ratio	Lower	Upper
73	100		
57	25.4	20.1	30.1





#29

Chloroform

Concen: 9.038 ppbv

RT: 5.74 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

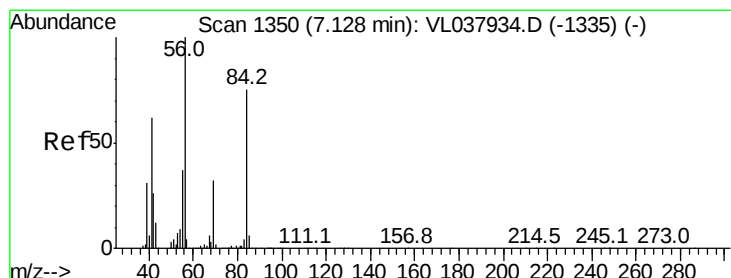
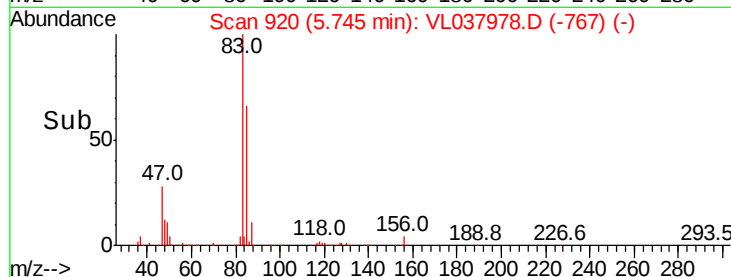
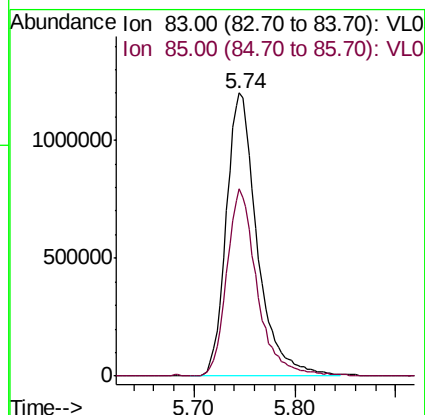
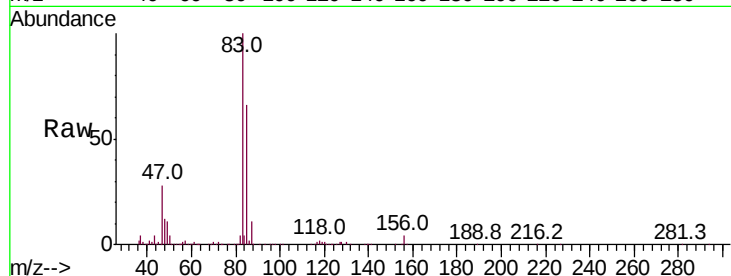
Acq: 9 Nov 2021 10:01

Tot Ion: 83 Resp: 2571567

Ion Ratio Lower Upper

83 100

85 65.9 50.6 76.0



#30

Cyclohexane

Concen: 9.625 ppbv

RT: 7.12 min Scan# 1349

Delta R.T. -0.00 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

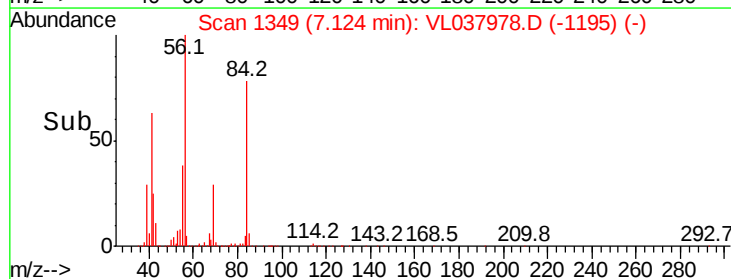
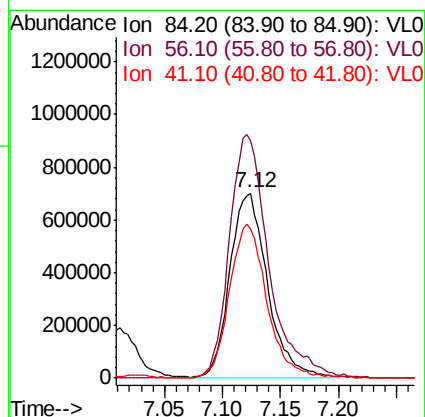
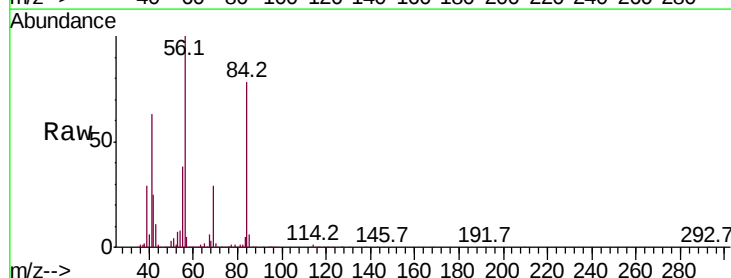
Tgt Ion: 84 Resp: 1569650

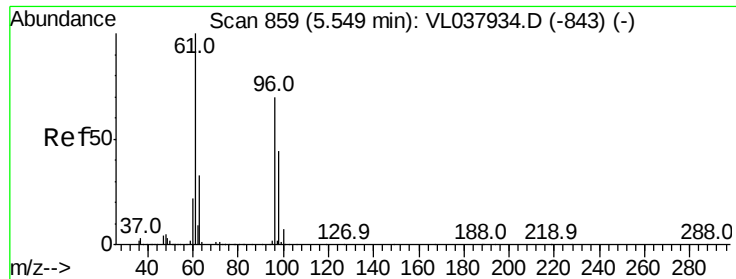
Ion Ratio Lower Upper

84 100

56 139.8 114.0 171.0

41 83.7 68.3 102.5





#31

cis-1,2-Dichloroethene

Concen: 9.793 ppbv

RT: 5.54

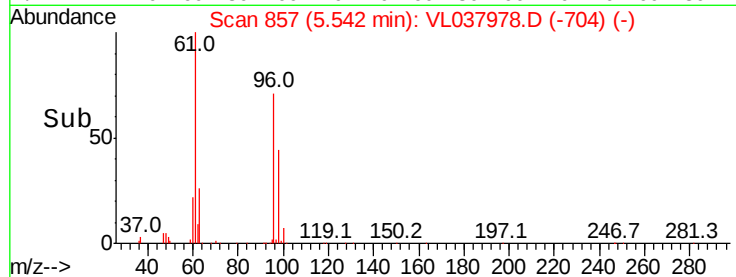
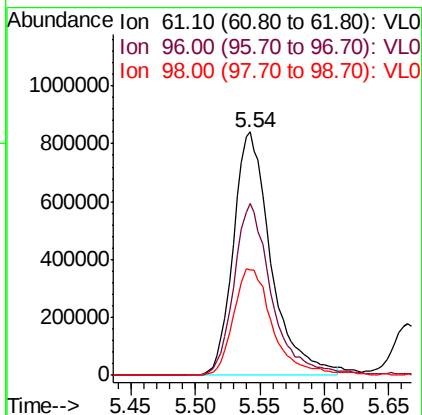
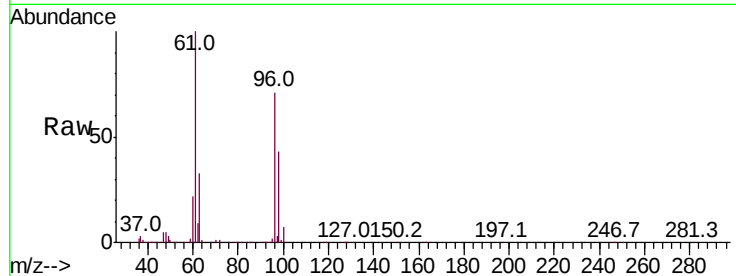
Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 9 Nov 2021 10:01

Tot Ion: 61 Resp: 1704629

Ion	Ratio	Lower	Upper
61	100		
96	70.6	55.6	83.4
98	43.4	34.9	52.3



#32

1,1,1-Trichloroethane

Concen: 8.831 ppbv

RT: 6.50 min Scan# 1156

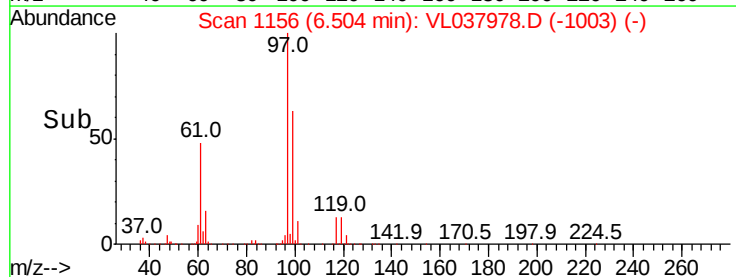
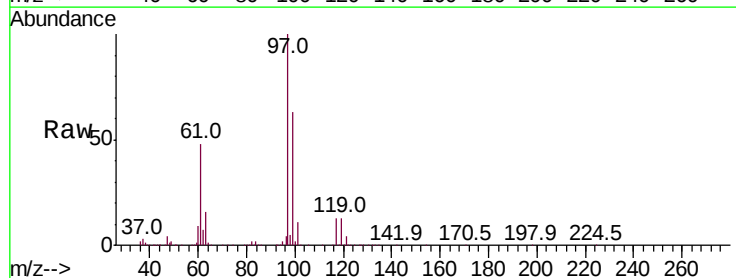
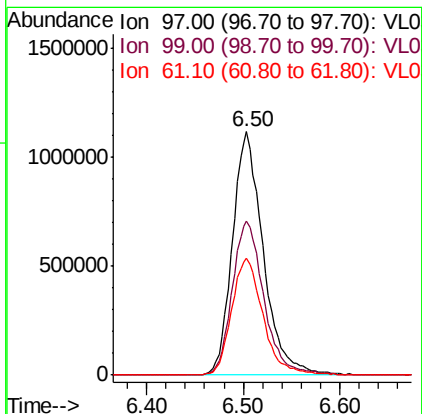
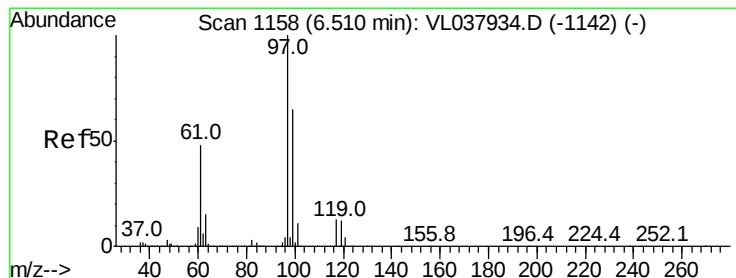
Delta R.T. -0.01 min

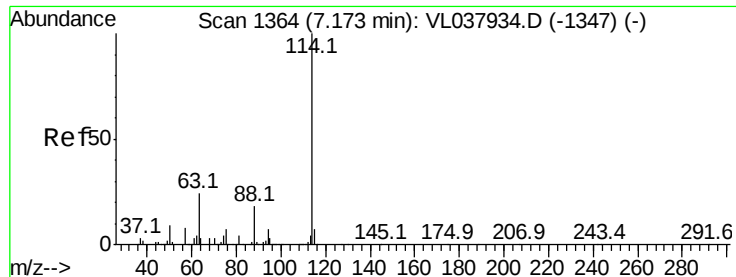
Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Tgt Ion: 97 Resp: 2469597

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.2	78.4
61	49.5	39.8	59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16

Instrument: MSVOA_1

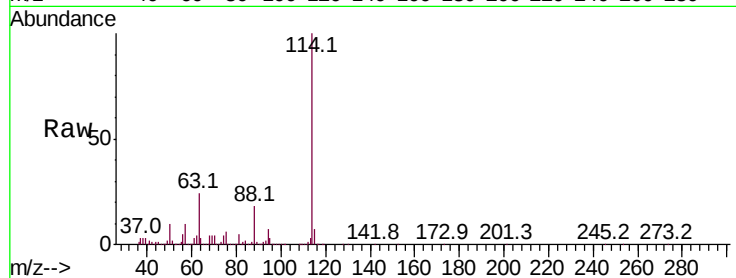
Delta R.T.:

Lab File: ClientSampleId:

Acq: 9 Nov 2021 10:01

Tot Ion:114 Resp: 4838402

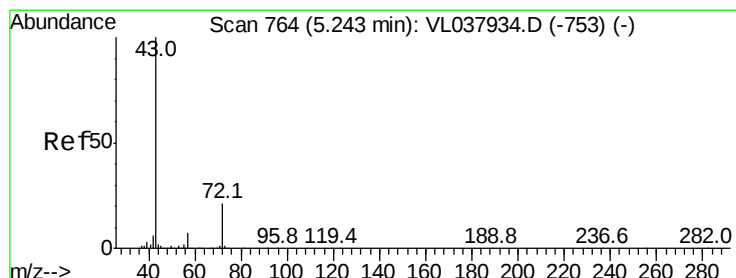
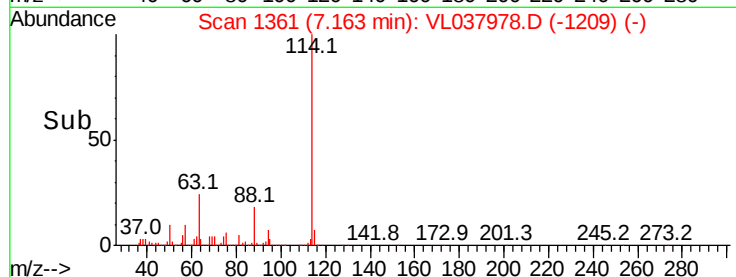
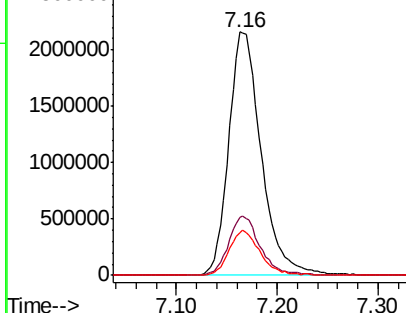
Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.4	29.0
88	17.8	14.2	21.4



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 9.410 ppbv

RT: 5.24 min Scan# 762

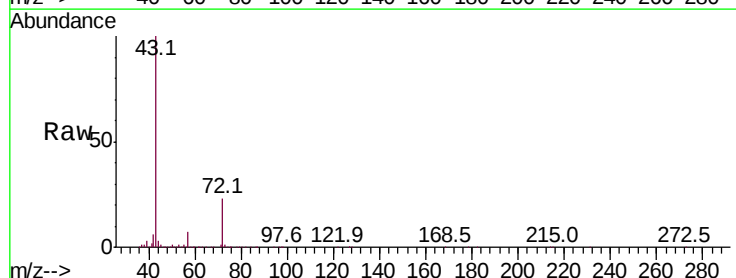
Delta R.T. -0.01 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

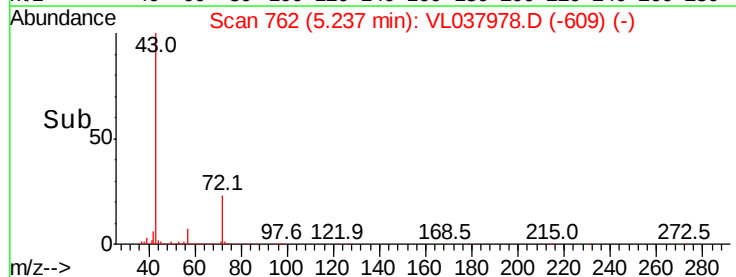
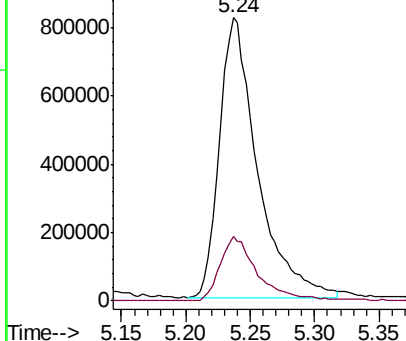
Tgt Ion: 43 Resp: 1687062

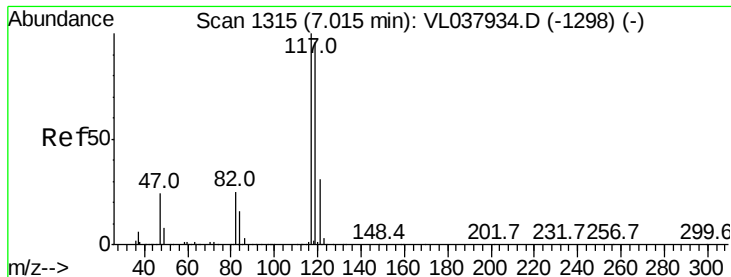
Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.3	27.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

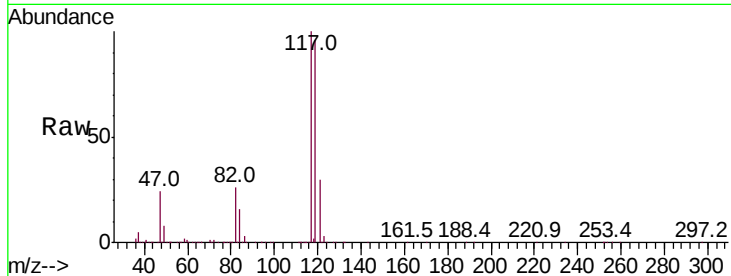
Ion 72.10 (71.80 to 72.80): VL0



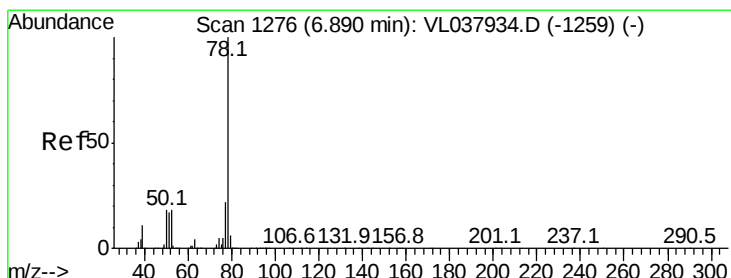
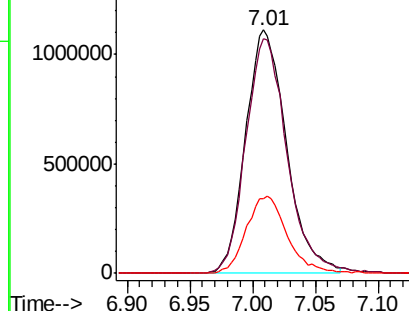
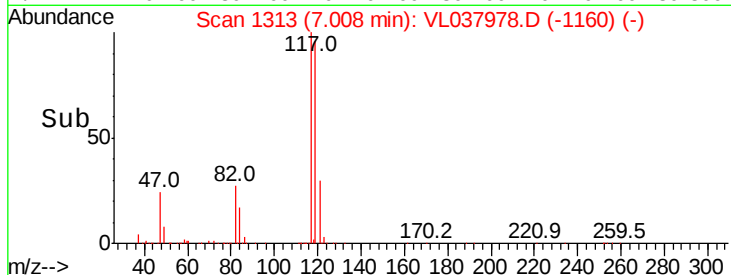


#35
Carbon Tetrachloride
Concen: 8.643 ppbv
RT: 7.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Nov 2021 10:01

Tot Ion:117 Resp: 2528226
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8
121 30.5 25.1 37.7

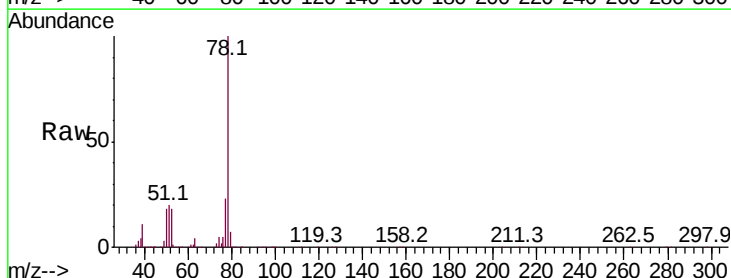


Abundance Ion 117.00 (116.70 to 117.70): V
1500000
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

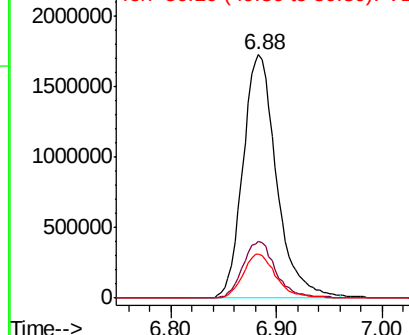
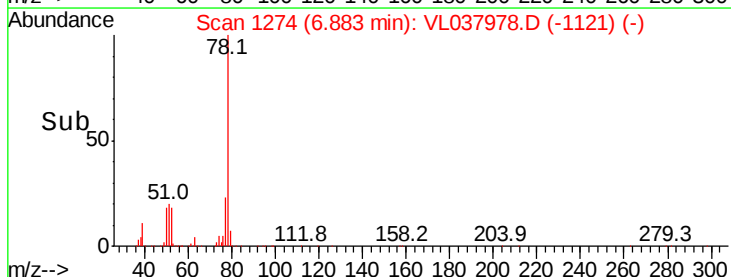


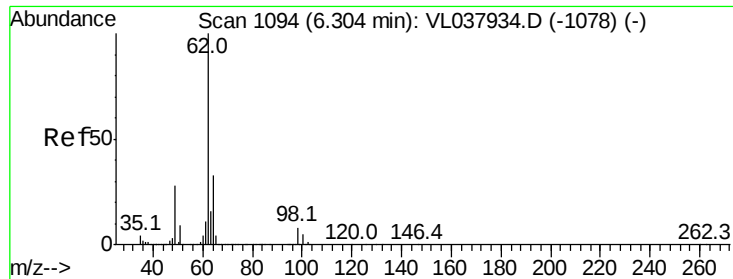
#36
Benzene
Concen: 9.698 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

Tgt Ion: 78 Resp: 3821195
Ion Ratio Lower Upper
78 100
77 23.5 17.9 26.9
50 18.3 14.4 21.6



Abundance Ion 78.10 (77.80 to 78.80): VL0
2000000
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 9.582 ppbv

RT: 6.30 Instrument: MSVOA_1

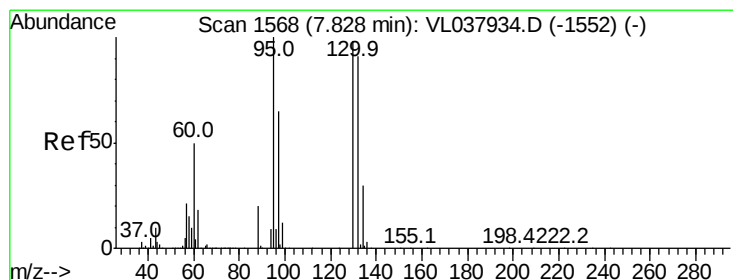
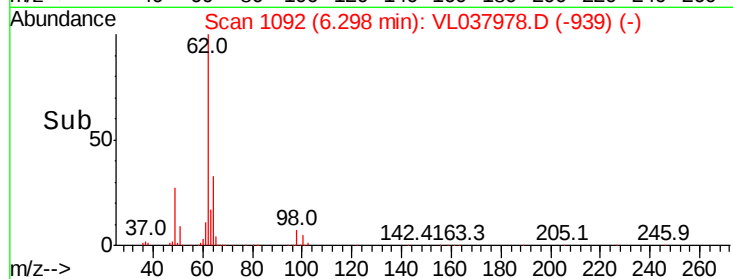
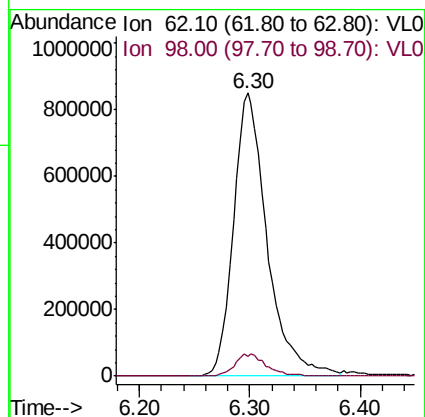
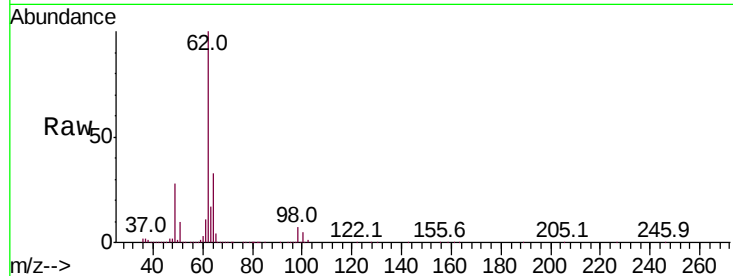
Delta R.T. ClientSampleId:

Lab File:

Acq: 9 Nov 2021 10:01

Tot Ion: 62 Resp: 1794901

Ion	Ratio	Lower	Upper
62	100		
98	7.4	6.5	9.7



#38

Trichloroethene

Concen: 8.916 ppbv

RT: 7.83 min Scan# 1567

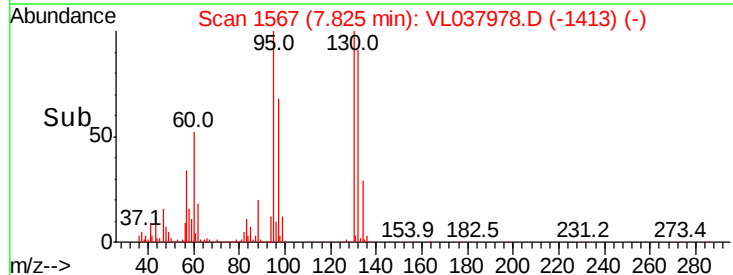
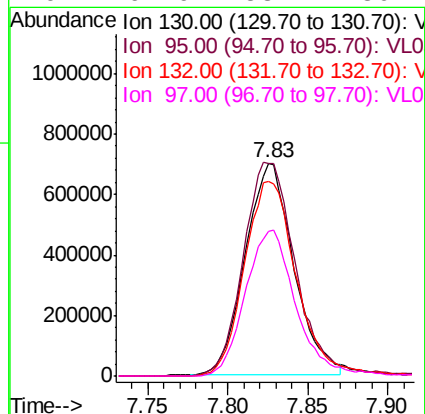
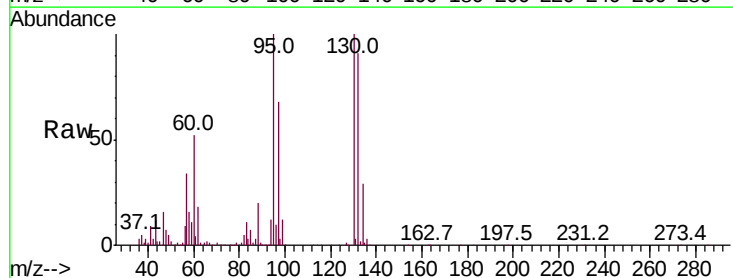
Delta R.T. -0.00 min

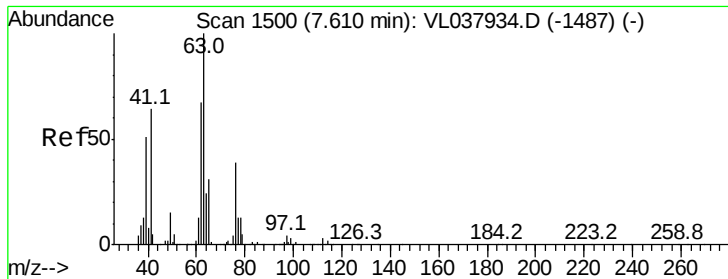
Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Tgt Ion: 130 Resp: 1458174

Ion	Ratio	Lower	Upper
130	100		
95	100.1	81.8	122.8
132	91.4	74.2	111.2
97	67.9	53.4	80.2





#39

1,2-Dichloropropane

Concen: 9.661 ppbv

RT: 7.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Nov 2021 10:01

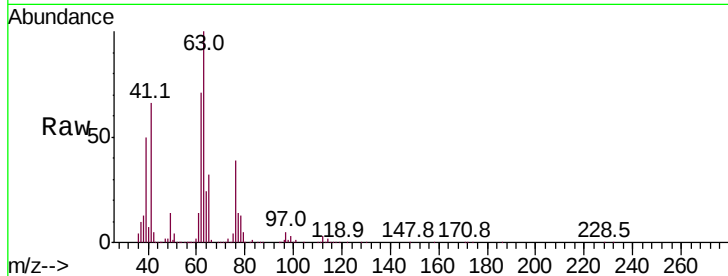
Tot Ion: 63 Resp: 1432262

Ion Ratio Lower Upper

63 100

41 65.9 51.6 77.4

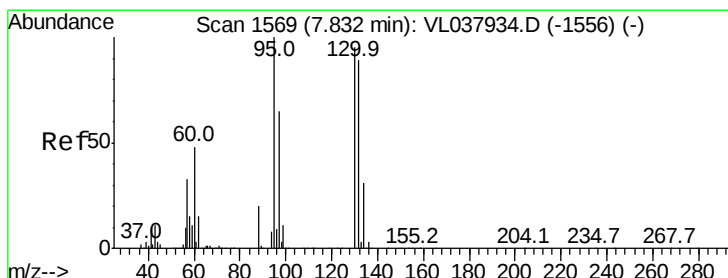
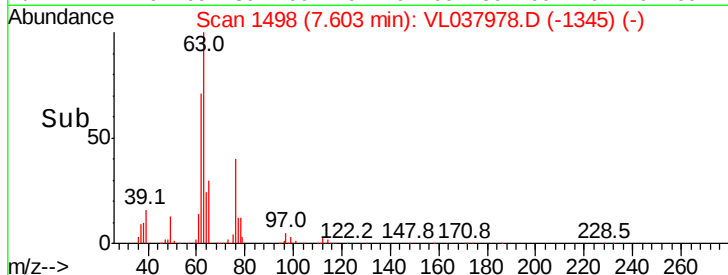
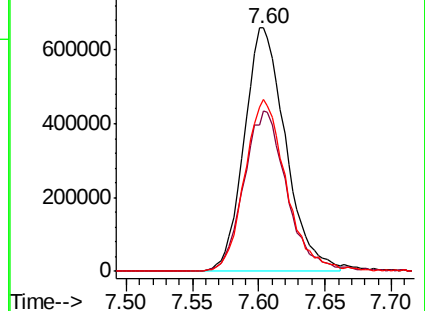
62 70.5 53.5 80.3



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 3.493 ppbv

RT: 7.82 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Tgt Ion: 88 Resp: 136363

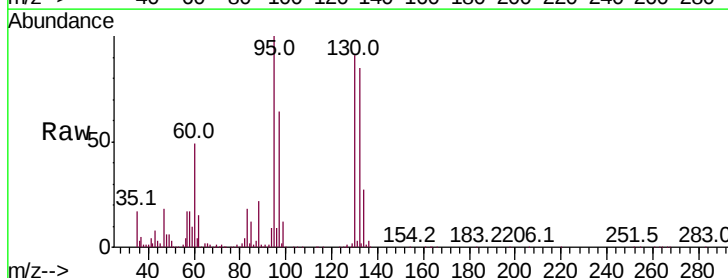
Ion Ratio Lower Upper

88 100

58 0.0 129.1 193.7#

43 0.0 313.2 469.8#

57 0.0 1408.6 2112.8#

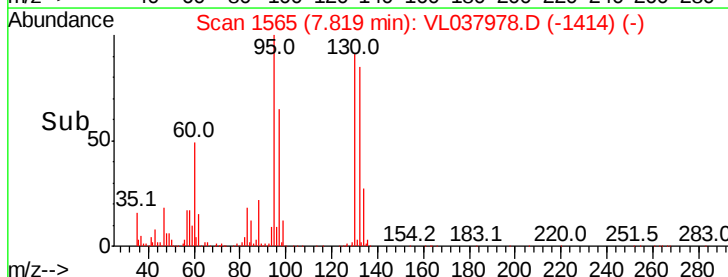
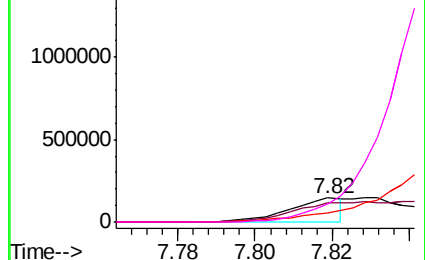


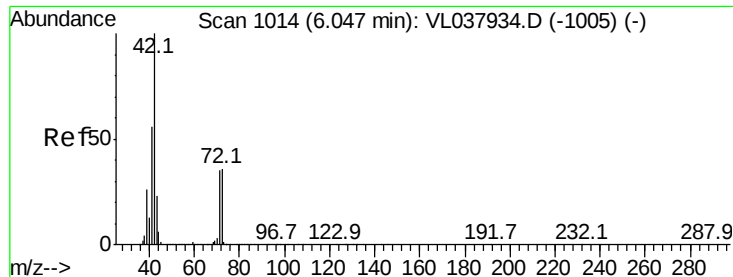
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

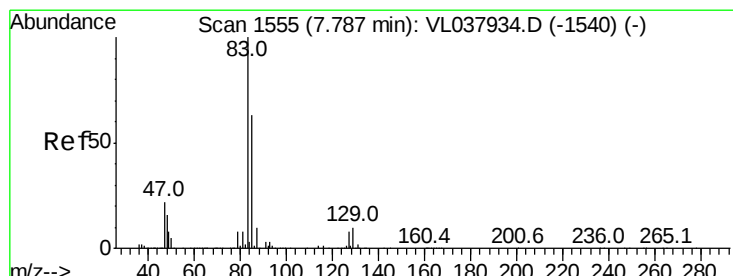
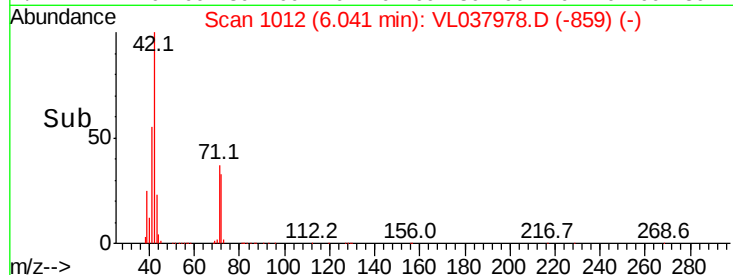
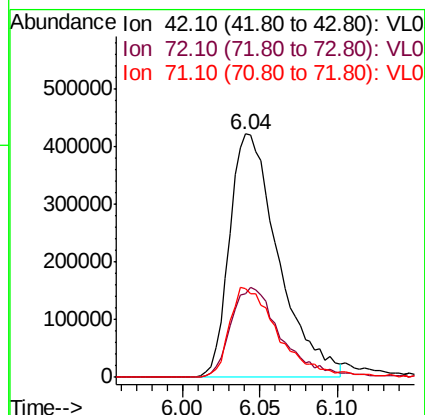
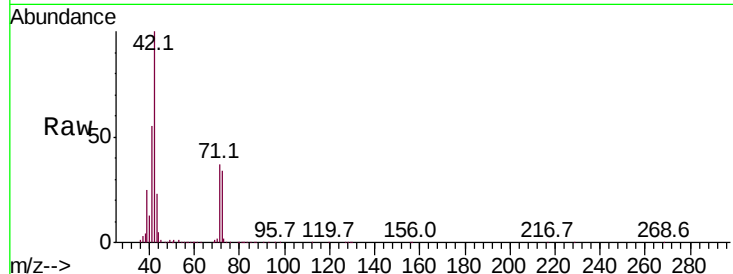
Ion 57.10 (56.80 to 57.80): VL0





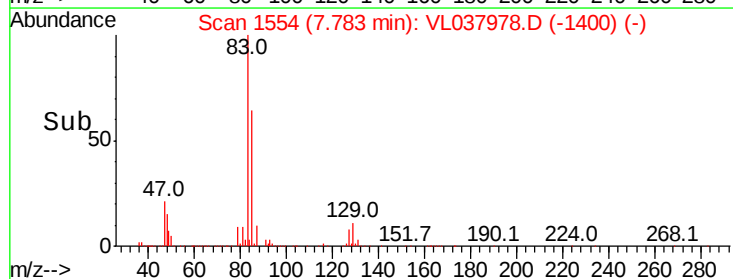
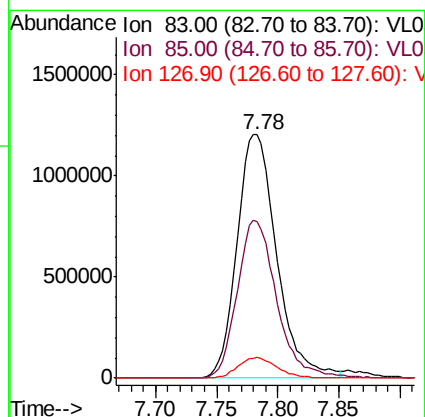
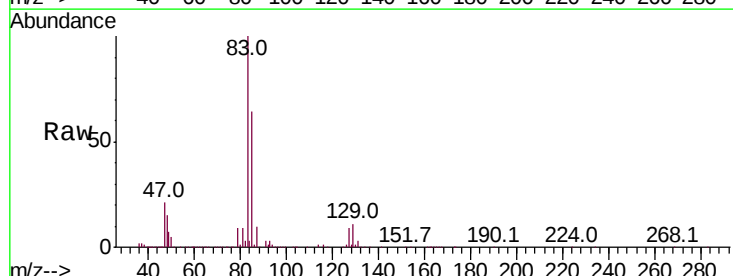
#41
Tetrahydrofuran
Concen: 10.489 ppbv
RT: 6.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Nov 2021 10:01

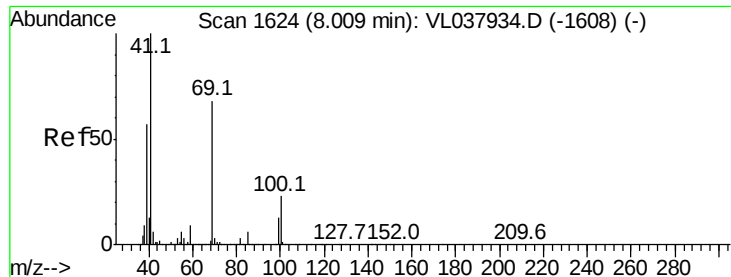
Tot Ion:	42	Resp:	920098
Ion	Ratio	Lower	Upper
42	100		
72	39.0	31.5	47.3
71	37.6	30.5	45.7



#42
Bromodichloromethane
Concen: 9.583 ppbv
RT: 7.78 min Scan# 1554
Delta R.T.: -0.00 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

Tgt Ion:	83	Resp:	2713976
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1
127	8.5	6.1	9.1





#43

Methyl Methacrylate

Concen: 10.620 ppbv

RT: 8.00 Instrument: MSVOA_1

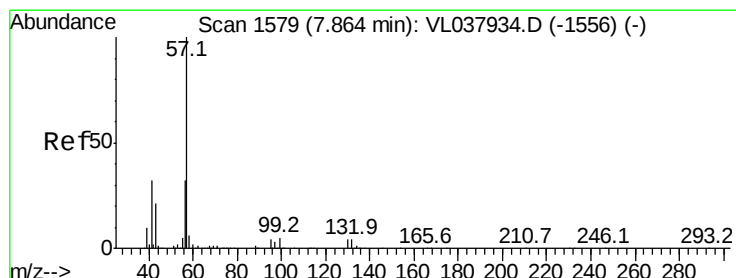
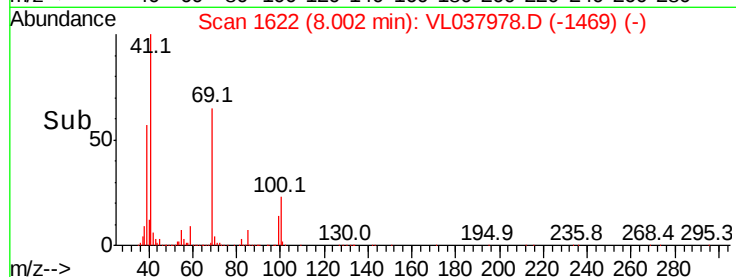
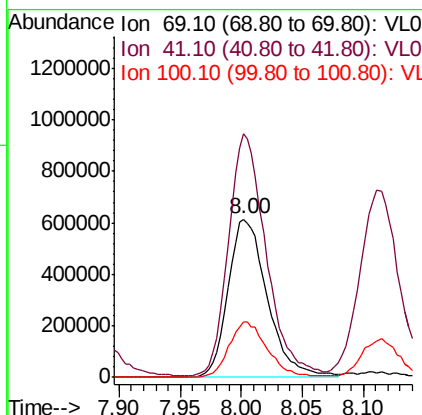
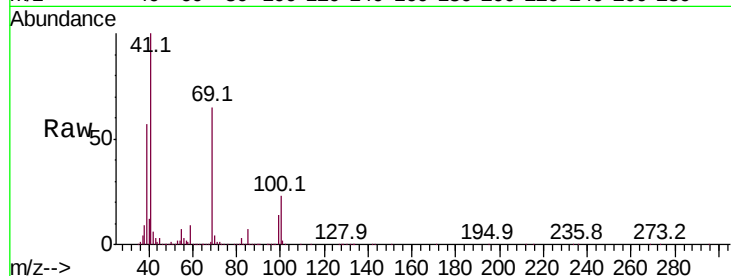
Delta R.T. ClientSampleId:

Lab File:

Acq: 9 Nov 2021 10:01

Tot Ion: 69 Resp: 1373441

Ion	Ratio	Lower	Upper
69	100		
41	148.1	117.4	176.2
100	34.6	27.8	41.6



#44

2,2,4-Trimethylpentane

Concen: 9.509 ppbv

RT: 7.86 min Scan# 1578

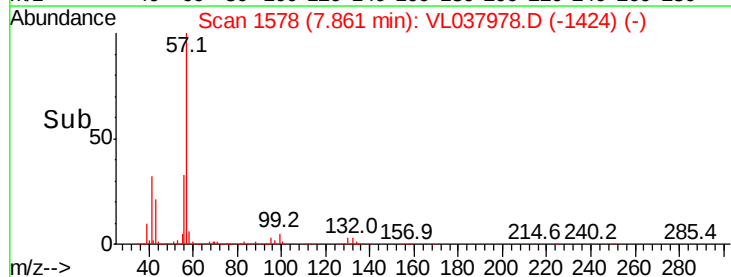
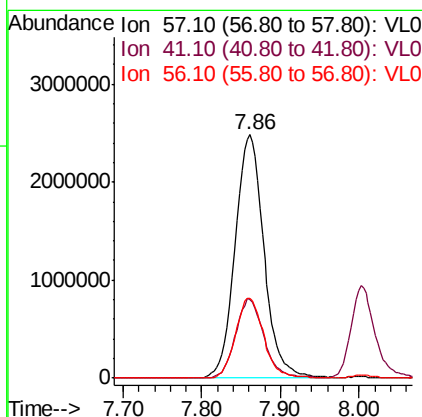
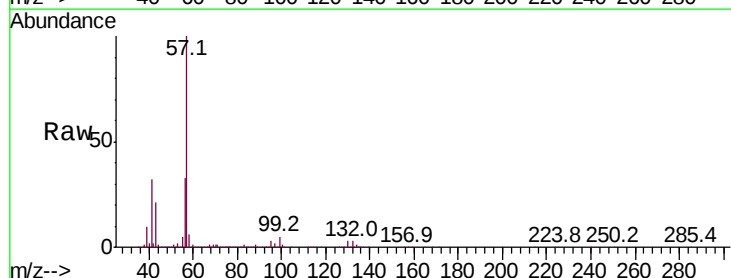
Delta R.T. -0.00 min

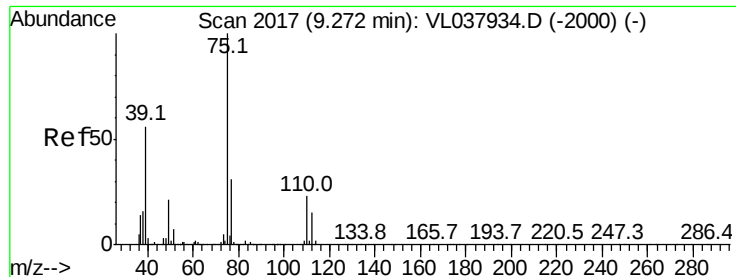
Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Tgt Ion: 57 Resp: 6372600

Ion	Ratio	Lower	Upper
57	100		
41	31.9	25.8	38.8
56	32.2	25.9	38.9





#45

t-1,3-Dichloropropene

Concen: 11.703 ppbv

RT: 9.27 Instrument: MSVOA_1

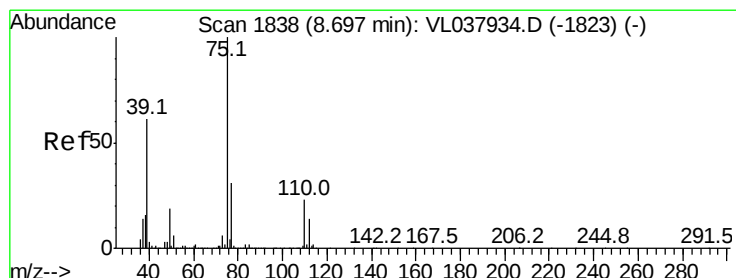
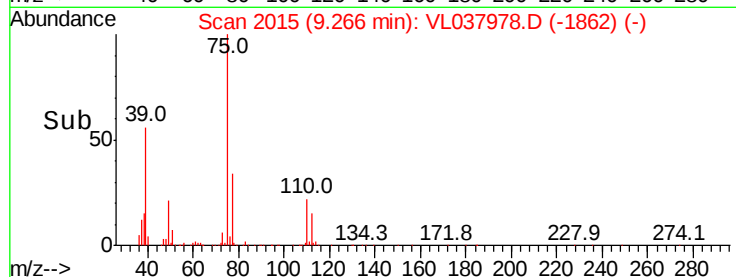
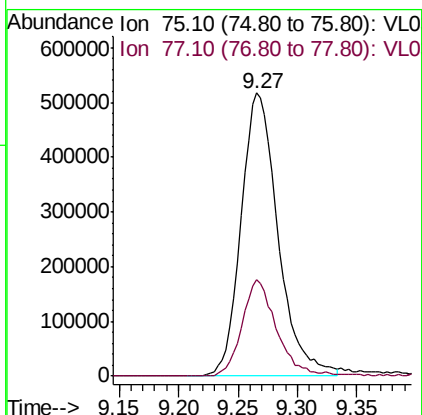
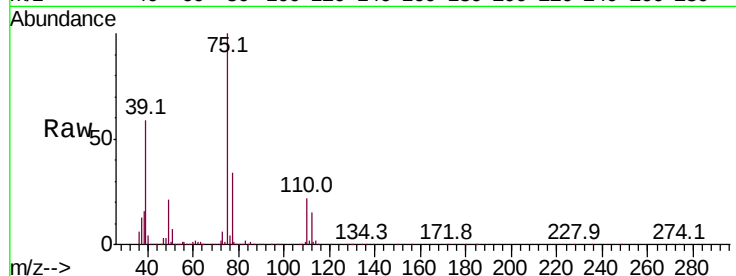
Delta R.T. ClientSampleId:

Lab File:

Acq: 9 Nov 2021 10:01

Tot Ion: 75 Resp: 1112138

Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.2	37.8



#46

cis-1,3-Dichloropropene

Concen: 11.289 ppbv

RT: 8.69 min Scan# 1836

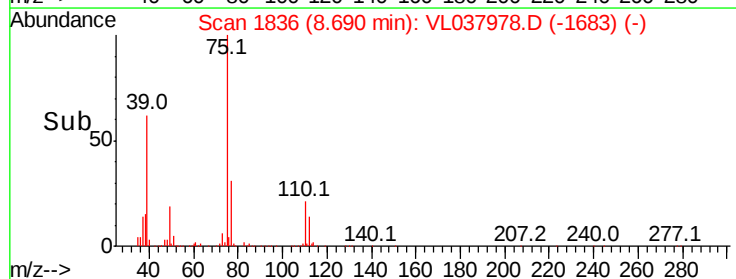
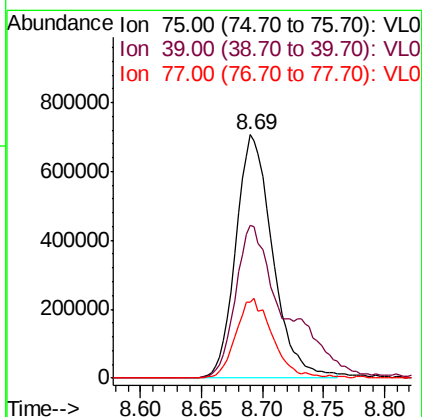
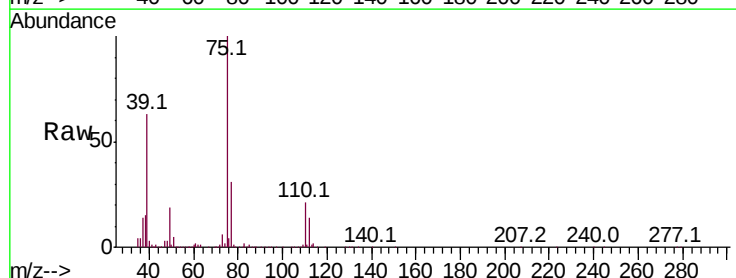
Delta R.T. -0.01 min

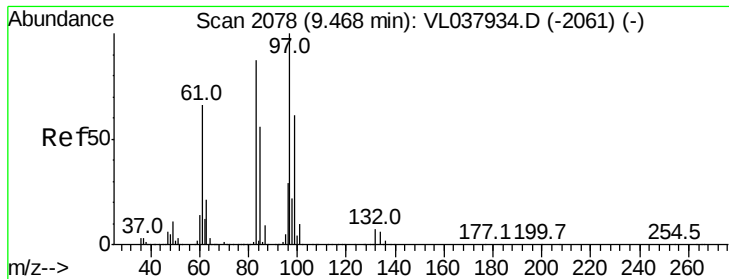
Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Tgt Ion: 75 Resp: 1474965

Ion	Ratio	Lower	Upper
75	100		
39	62.4	48.8	73.2
77	31.0	24.6	36.8





#47

1,1,2-Trichloroethane

Concen: 9.003 ppbv

RT: 9.46 Instrument:

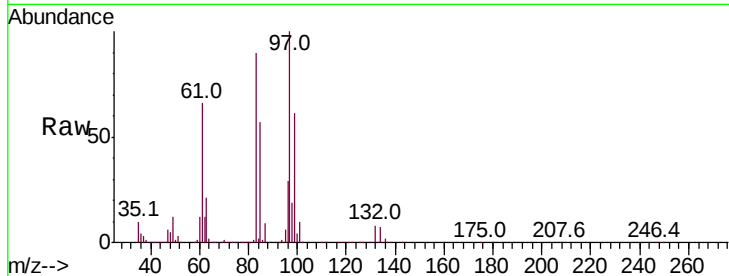
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Nov 2021 10:01

Tot Ion: 97 Resp: 1499719

Ion	Ratio	Lower	Upper
97	100		
83	90.1	69.4	104.2
85	57.0	45.0	67.6
99	60.8	48.7	73.1



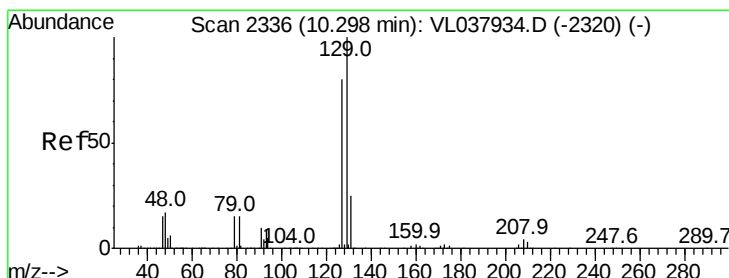
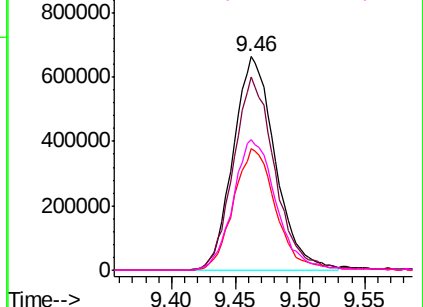
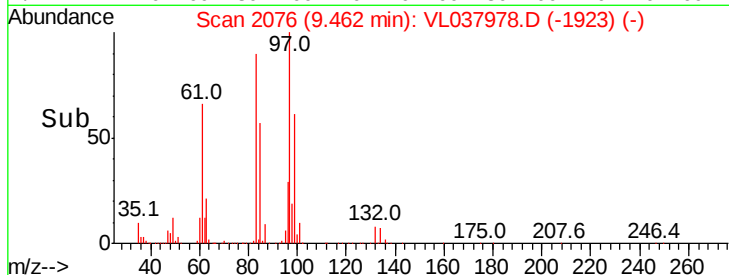
Abundance

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: 9.841 ppbv

RT: 10.29 min Scan# 2334

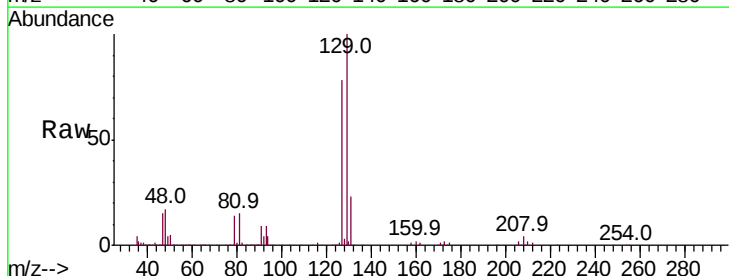
Delta R.T. -0.01 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Tgt Ion: 129 Resp: 2320886

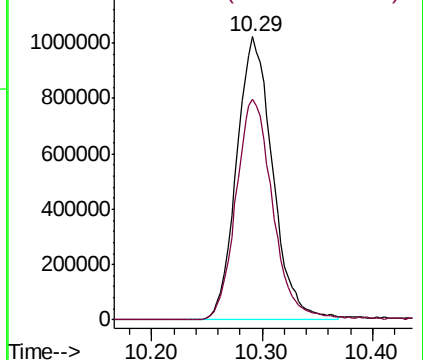
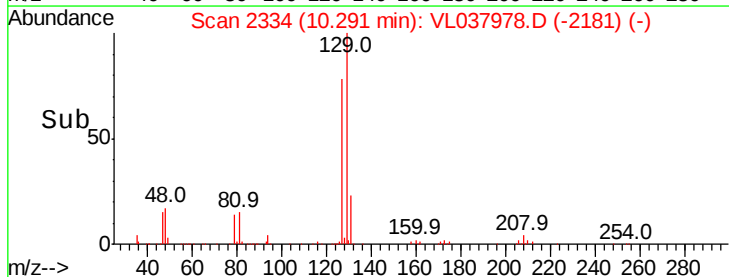
Ion	Ratio	Lower	Upper
129	100		
127	80.6	40.3	120.9

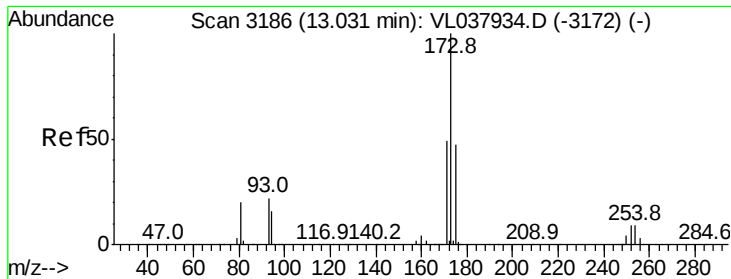


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.667 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File:

Acq: 9 Nov 2021 10:01

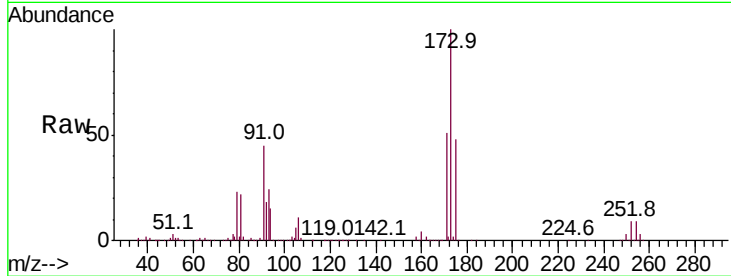
Tot Ion: 173 Resp: 1802092

Ion Ratio Lower Upper

173 100

175 50.2 39.5 59.3

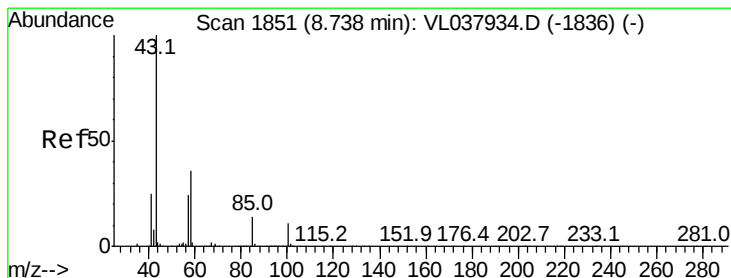
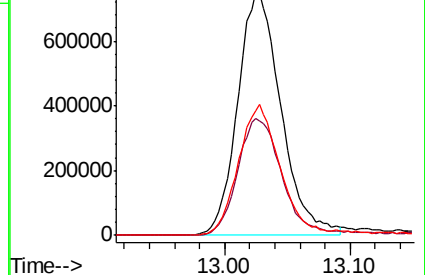
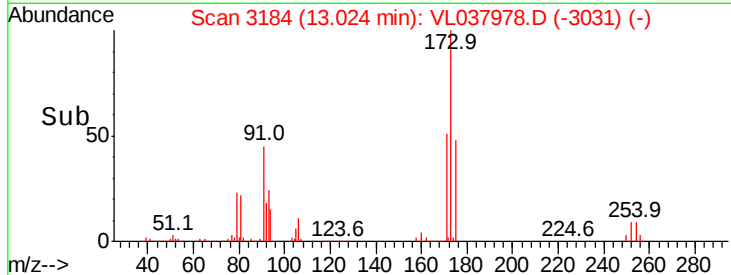
171 53.8 43.6 65.4



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.266 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. -0.01 min

Lab File: VL037978.D

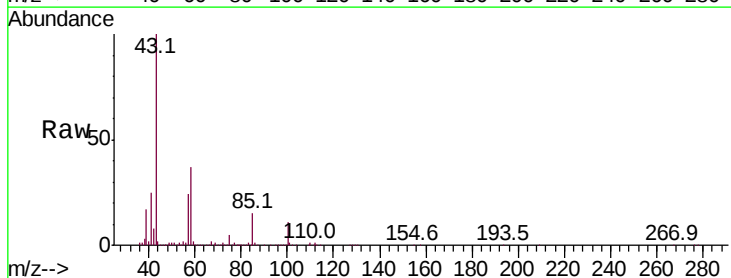
Acq: 9 Nov 2021 10:01

Tgt Ion: 43 Resp: 2418309

Ion Ratio Lower Upper

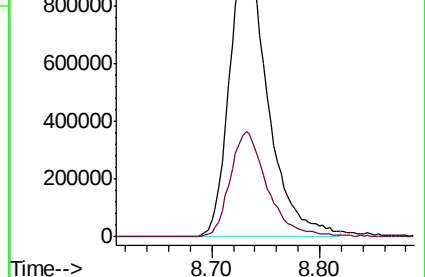
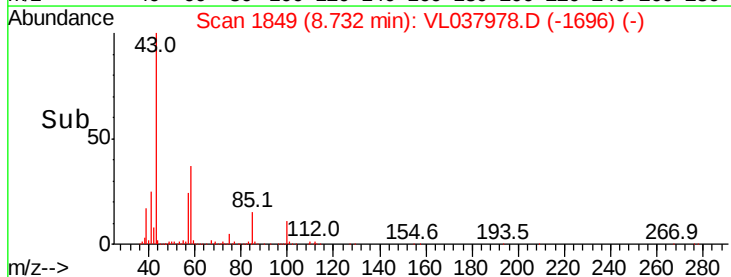
43 100

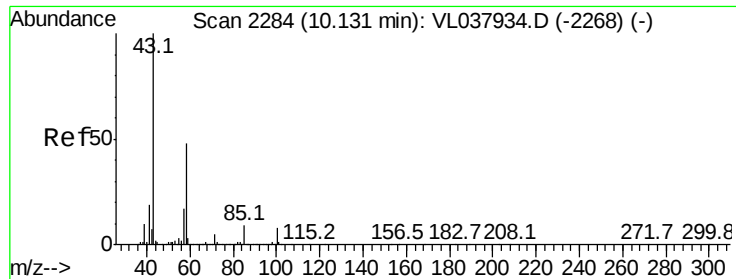
58 36.5 28.8 43.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

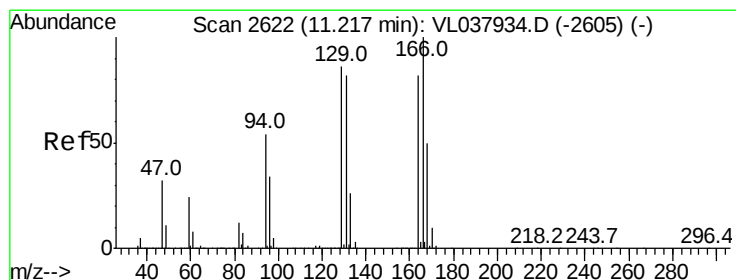
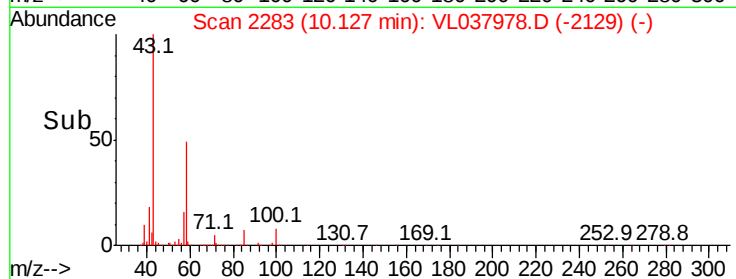
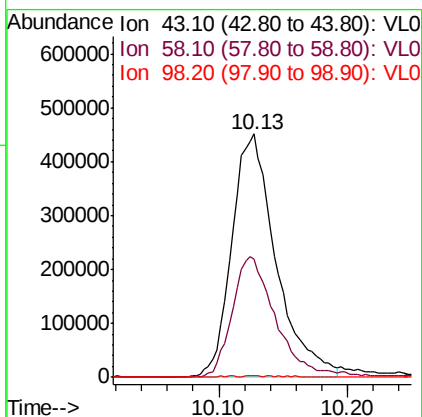
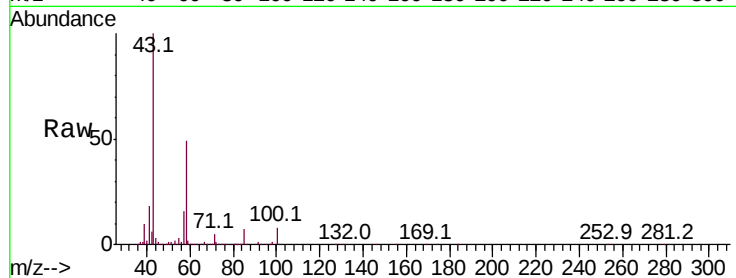
Ion 58.10 (57.80 to 58.80): VL0





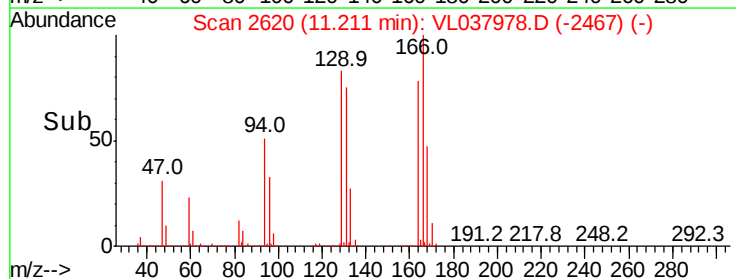
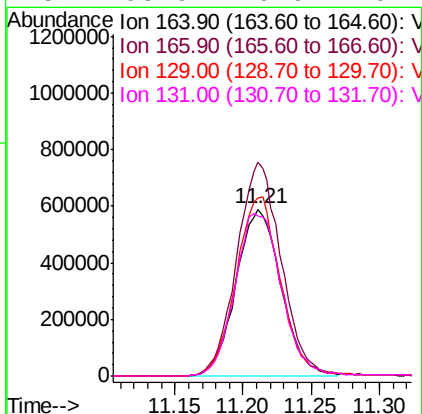
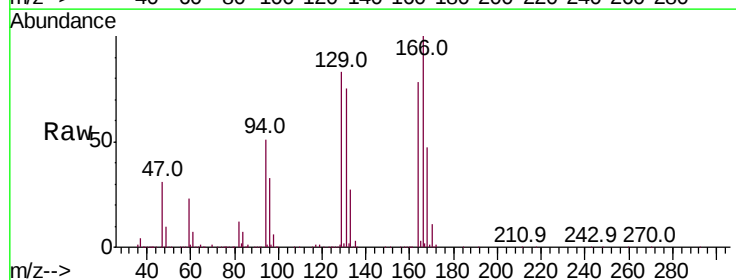
#51
2-Hexanone
Concen: 10.786 ppbv
RT: 10.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Nov 2021 10:01

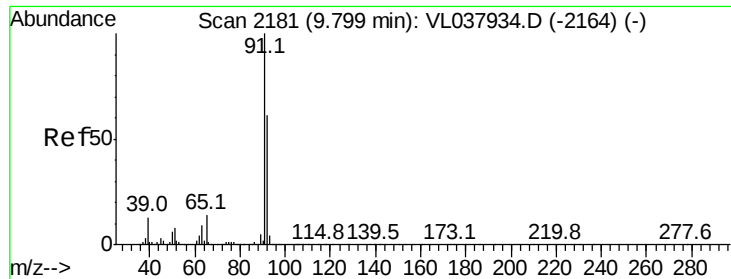
Tot Ion: 43 Resp: 1070842
Ion Ratio Lower Upper
43 100
58 50.4 38.6 57.8
98 0.8 1.0 1.4#



#52
Tetrachloroethene
Concen: 8.995 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.01 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

Tgt Ion: 164 Resp: 1344517
Ion Ratio Lower Upper
164 100
166 128.1 97.6 146.4
129 106.6 84.2 126.2
131 95.6 79.6 119.4





#53

Toluene

Concen: 10.137 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

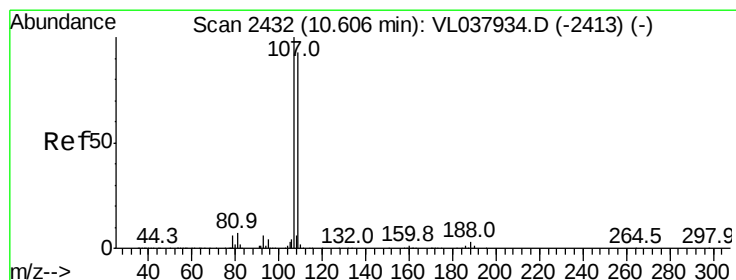
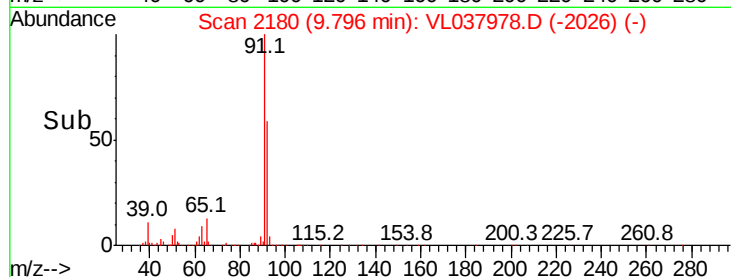
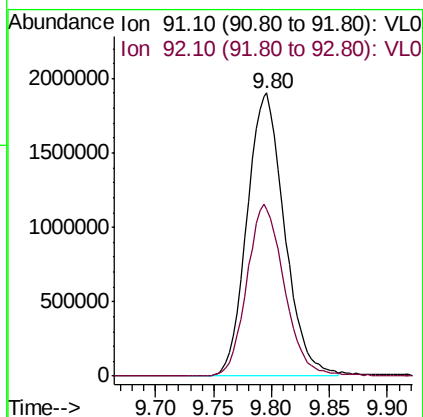
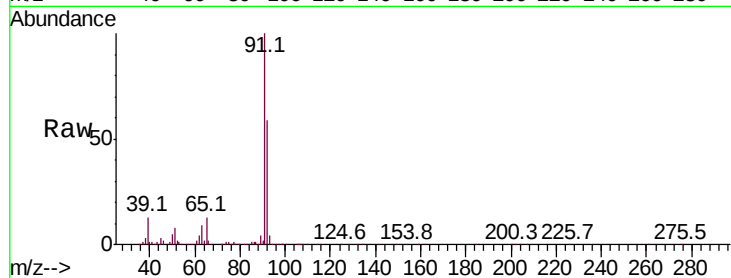
Acq: 9 Nov 2021 10:01

Tot Ion: 91 Resp: 4281834

Ion Ratio Lower Upper

91 100

92 61.3 48.2 72.4



#54

1,2-Dibromoethane

Concen: 9.877 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. -0.01 min

Lab File: VL037978.D

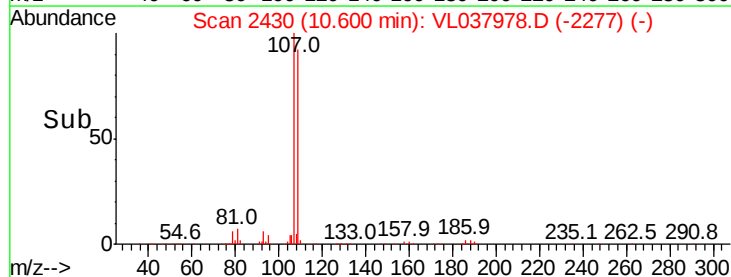
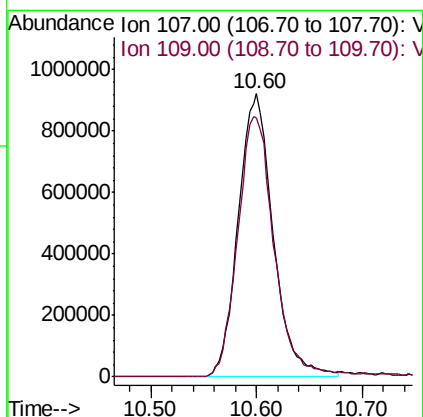
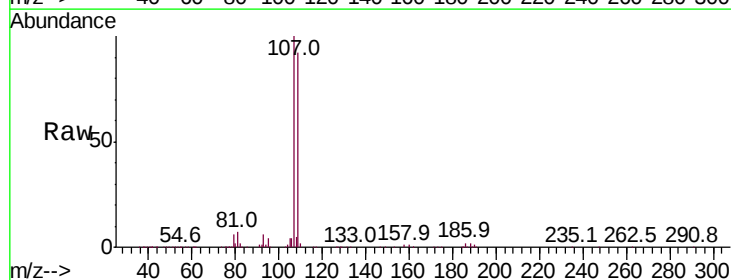
Acq: 9 Nov 2021 10:01

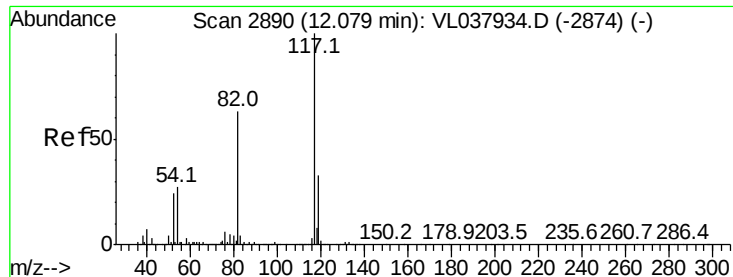
Tgt Ion: 107 Resp: 2121922

Ion Ratio Lower Upper

107 100

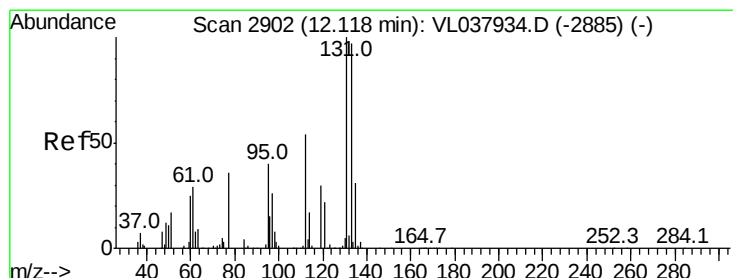
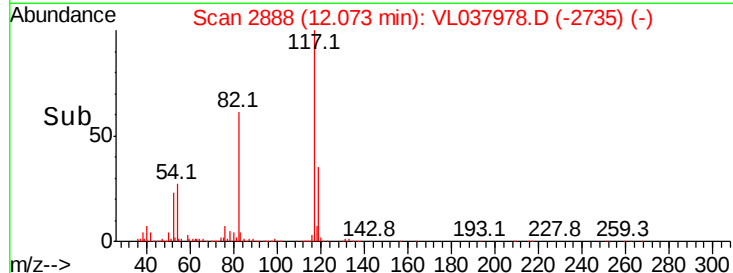
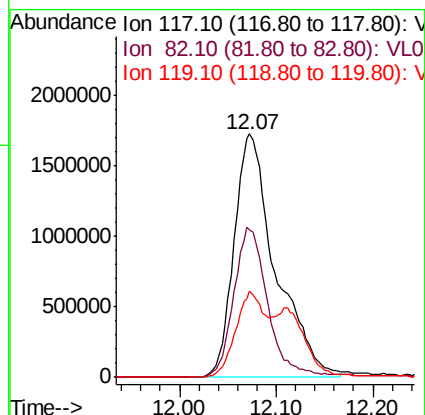
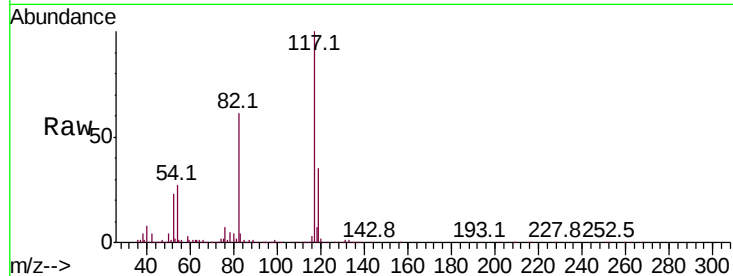
109 91.6 74.5 111.7





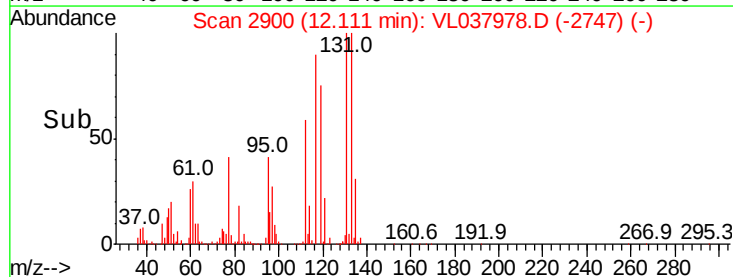
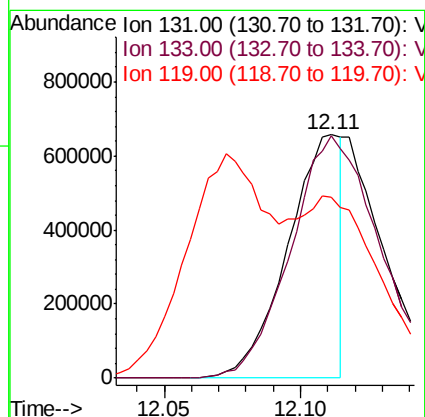
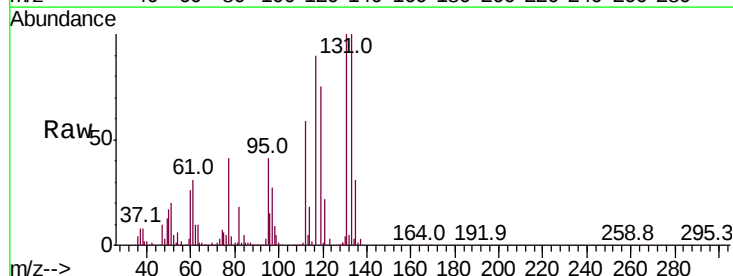
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Nov 2021 10:01

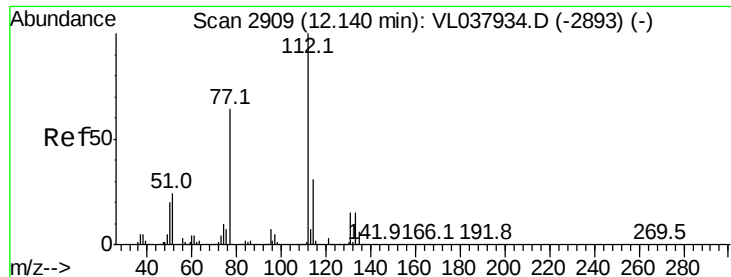
Tot Ion:117 Resp: 5142872
Ion Ratio Lower Upper
117 100
82 52.3 51.0 76.6
119 47.4 26.9 40.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 4.292 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

Tgt Ion:131 Resp: 891083
Ion Ratio Lower Upper
131 100
133 172.8 79.6 119.4#
119 273.5 125.4 188.2#





#57

Chlorobenzene

Concen: 7.493 ppbv

RT: 12.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Nov 2021 10:01

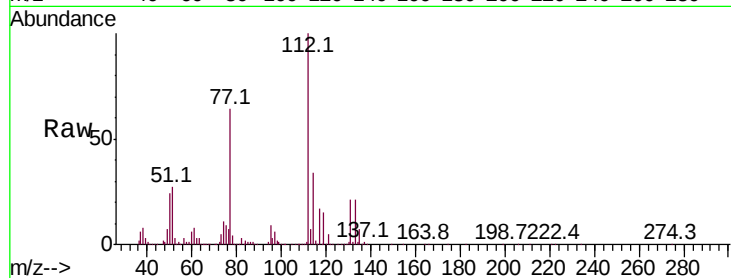
Tot Ion:112 Resp: 3075610

Ion	Ratio	Lower	Upper
112	100		
77	63.0	51.1	76.7
114	33.9	27.9	34.1

112 100

77 63.0 51.1 76.7

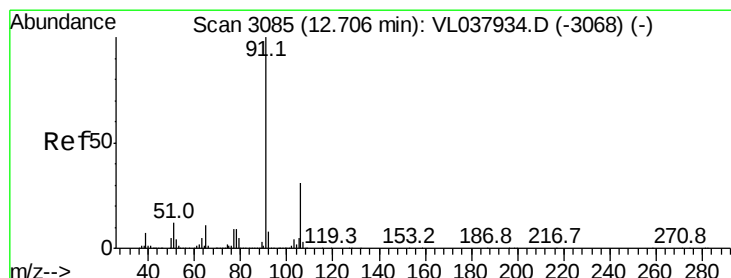
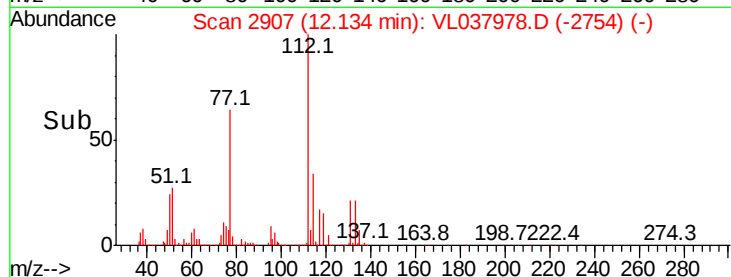
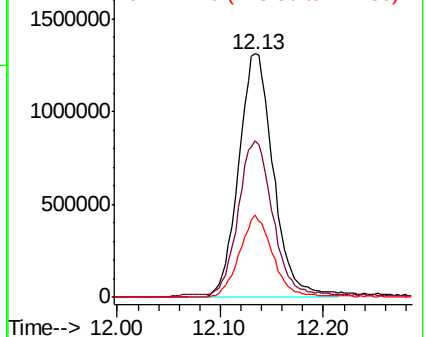
114 33.9 27.9 34.1



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: 8.434 ppbv

RT: 12.70 min Scan# 3082

Delta R.T. -0.01 min

Lab File: VL037978.D

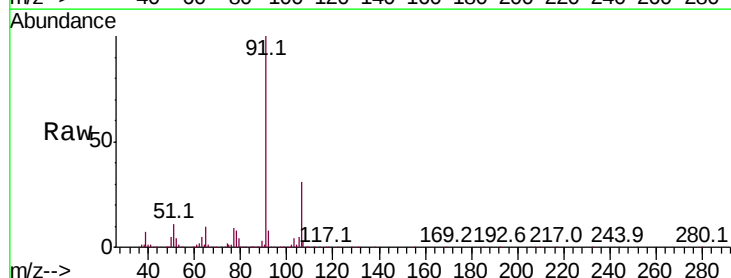
Acq: 9 Nov 2021 10:01

Tgt Ion: 91 Resp: 5304225

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.1	37.7

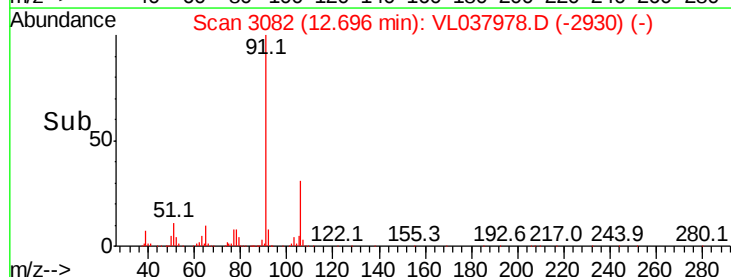
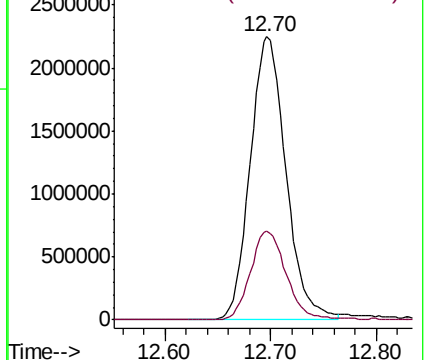
91 100

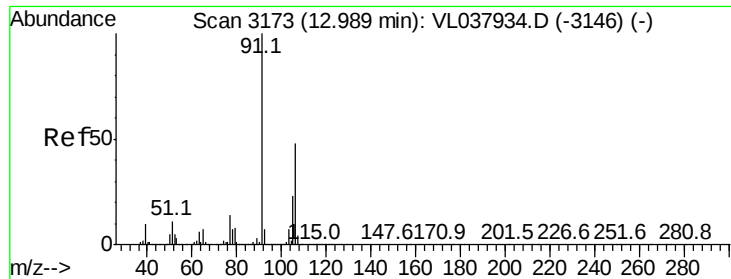
106 31.2 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

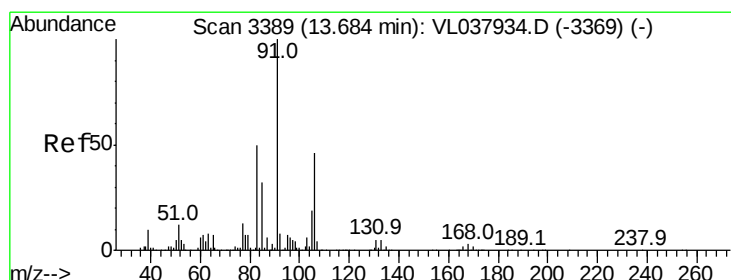
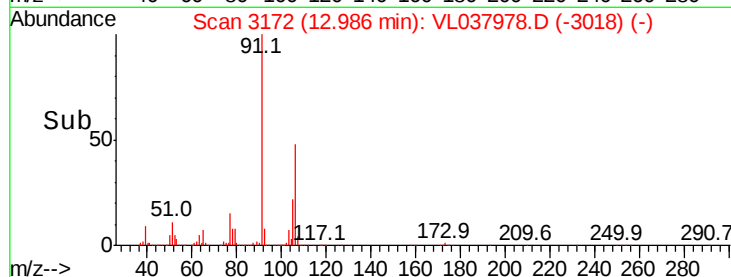
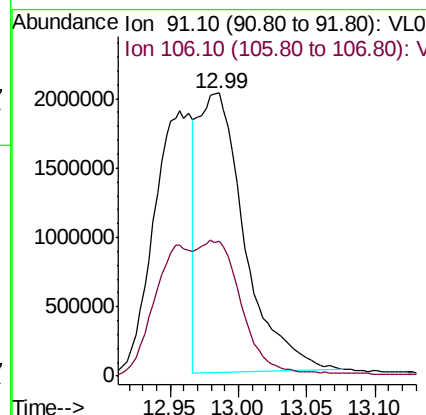
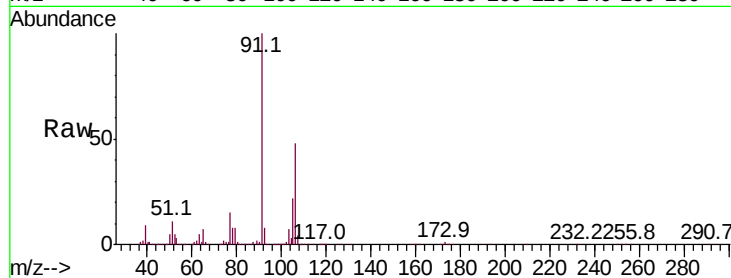
Ion 106.10 (105.80 to 106.80): V





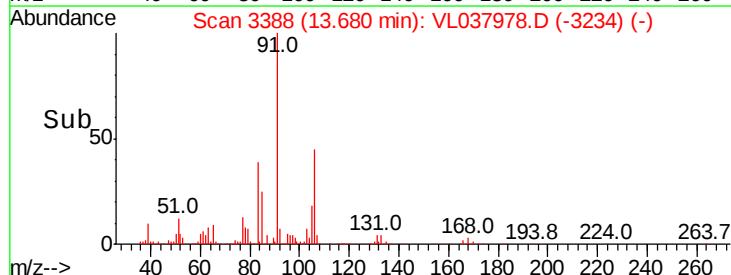
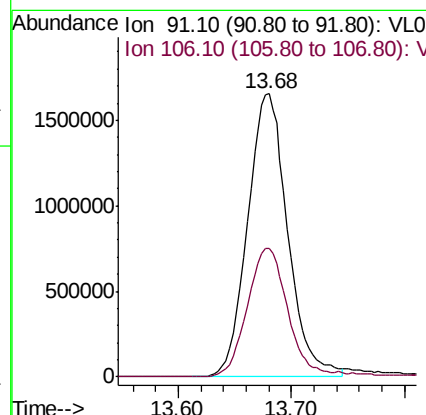
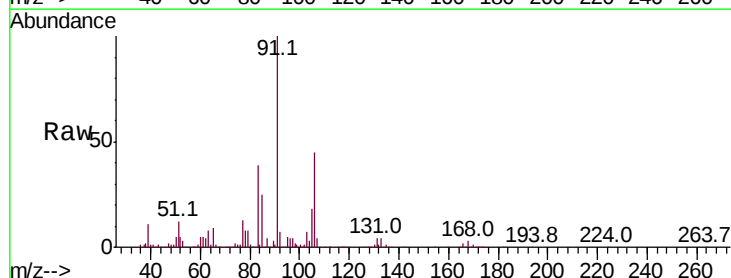
#59
m/p-Xylene
Concen: 8.520 ppbv
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Nov 2021 10:01

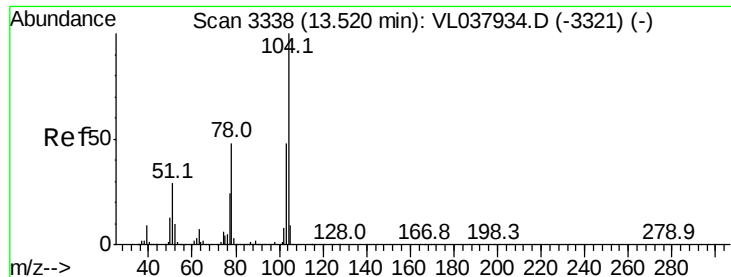
Tot Ion: 91 Resp: 4762503
Ion Ratio Lower Upper
91 100
106 86.8 37.1 55.7#



#60
o-Xylene
Concen: 7.704 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

Tgt Ion: 91 Resp: 4060484
Ion Ratio Lower Upper
91 100
106 47.7 23.5 70.6





#61

Stvrene

Concen: 9.395 ppbv

RT: 13.51

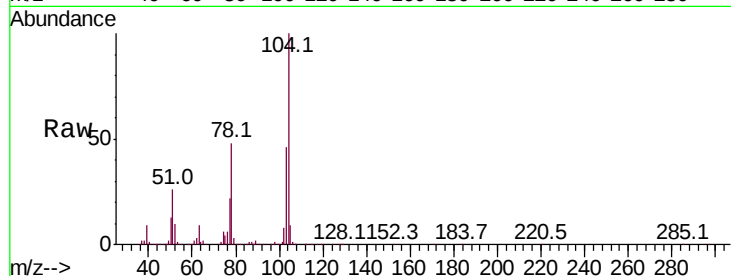
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Nov 2021 10:01

Tot Ion:104 Resp: 2273979

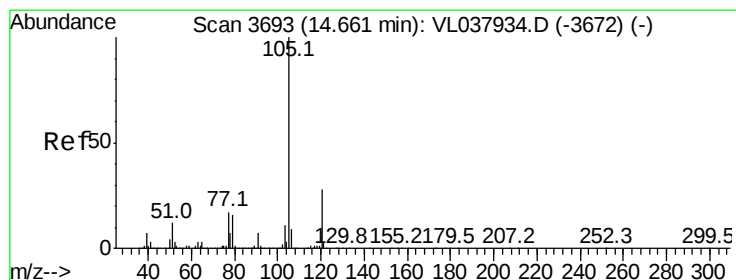
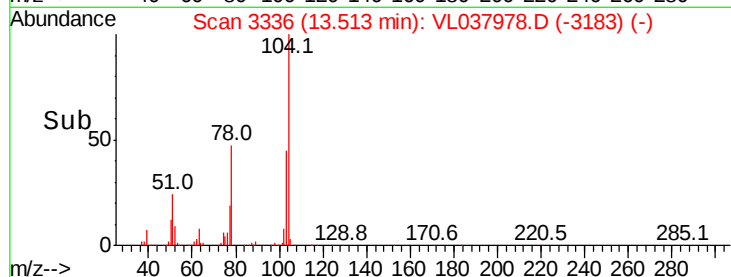
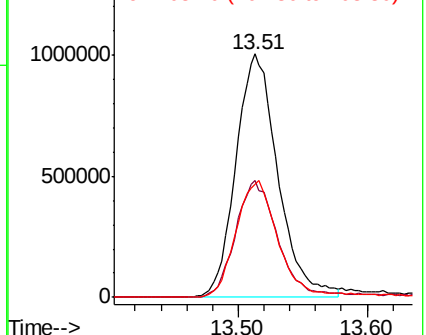
Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.3	58.9
103	49.3	39.6	59.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 7.551 ppbv

RT: 14.65 min Scan# 3691

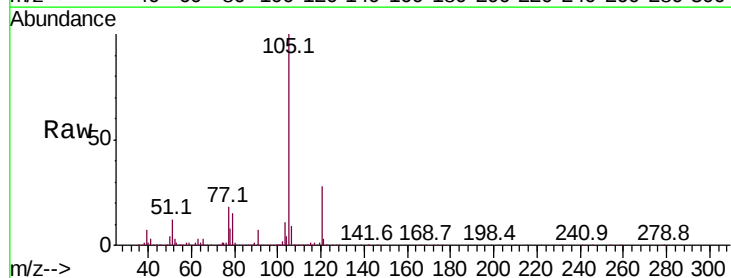
Delta R.T. -0.01 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

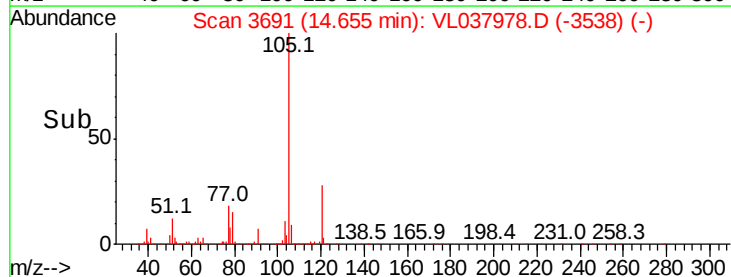
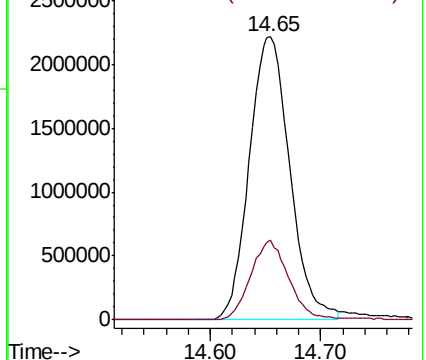
Tgt Ion:105 Resp: 5635487

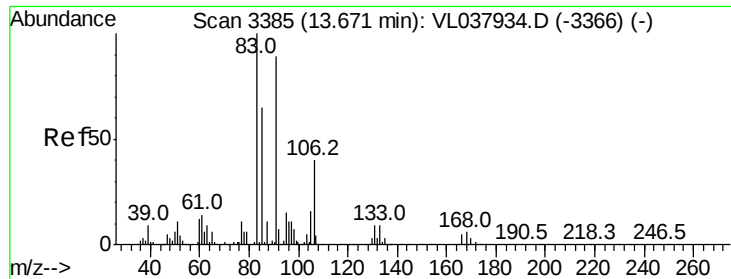
Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.8	32.6



Abundance Ion 105.10 (104.80 to 105.80): V

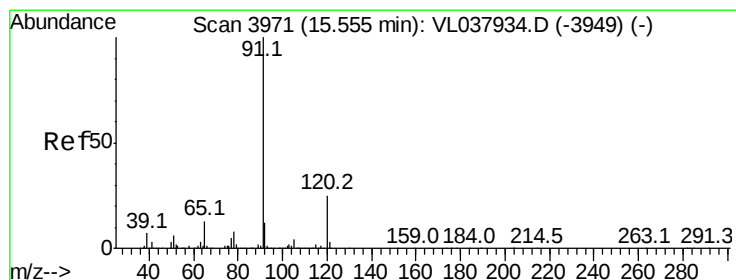
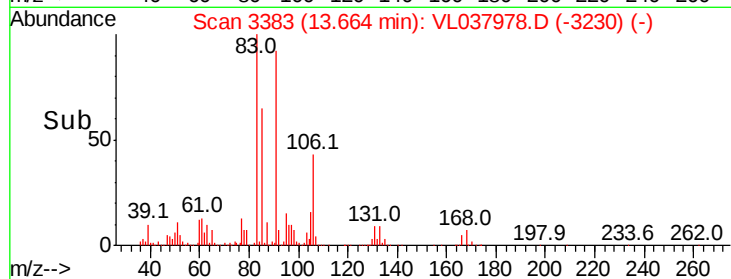
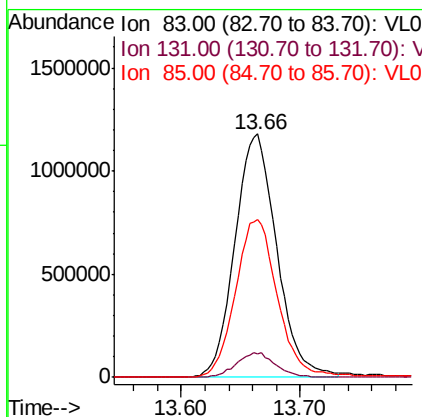
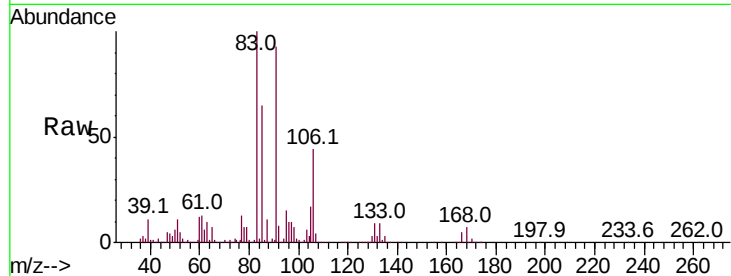
Ion 120.20 (119.90 to 120.90): V





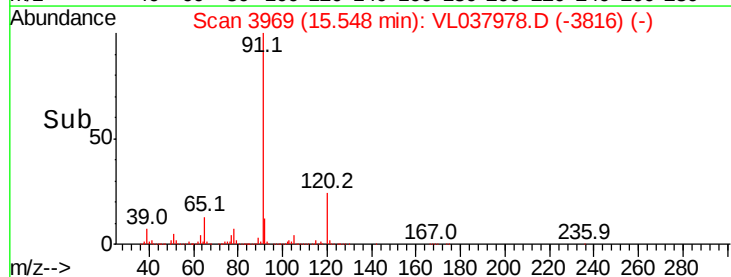
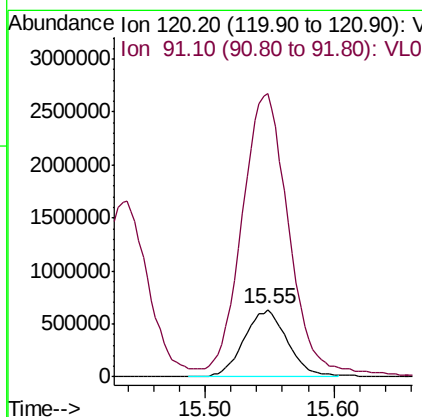
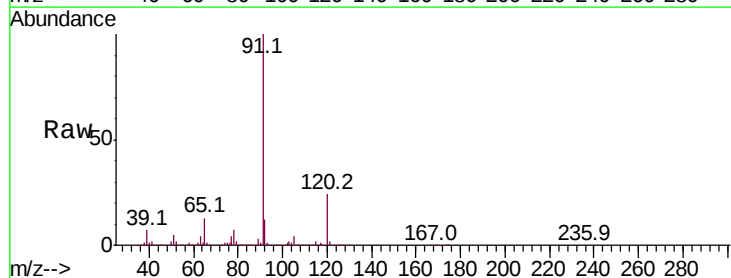
#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.286 ppbv
 RT: 13.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Nov 2021 10:01

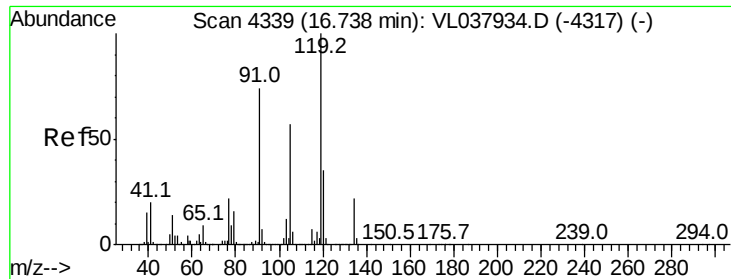
Tot Ion: 83 Resp: 2851470
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.8 14.4
 85 66.5 32.5 97.5



#64
 n-propylbenzene
 Concen: 7.778 ppbv
 RT: 15.55 min Scan# 3969
 Delta R.T. -0.01 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

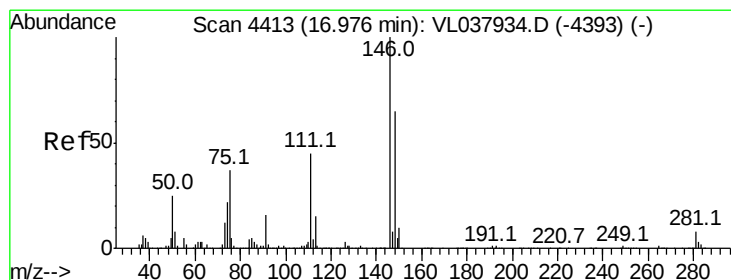
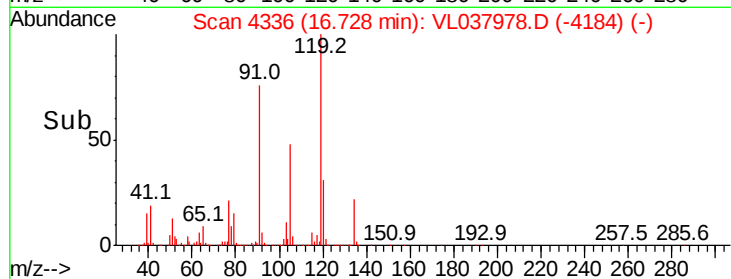
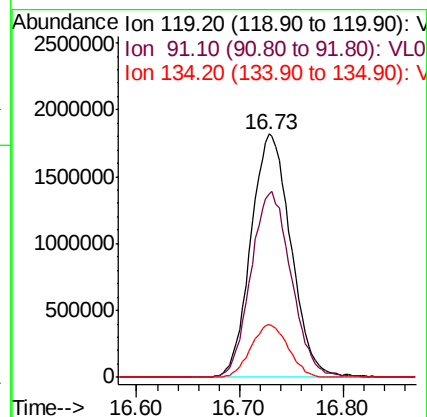
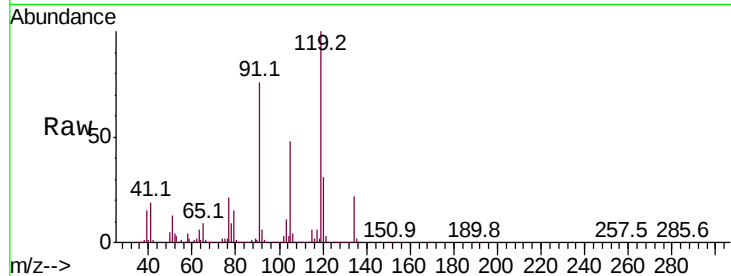
Tgt Ion: 120 Resp: 1487221
 Ion Ratio Lower Upper
 120 100
 91 461.7 363.3 544.9





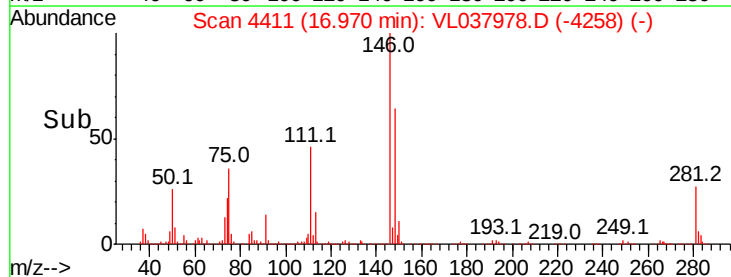
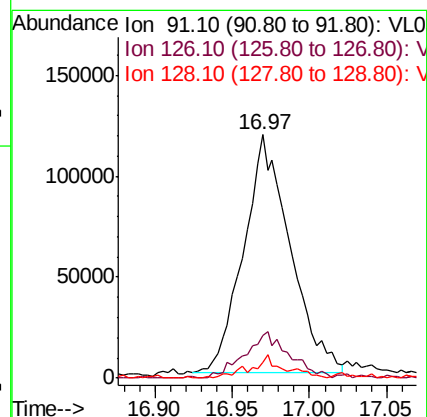
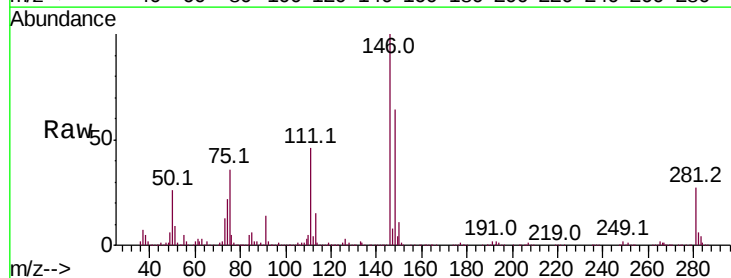
#65
 tert-Butylbenzene
 Concen: 7.390 ppbv
 RT: 16.73 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 9 Nov 2021 10:01

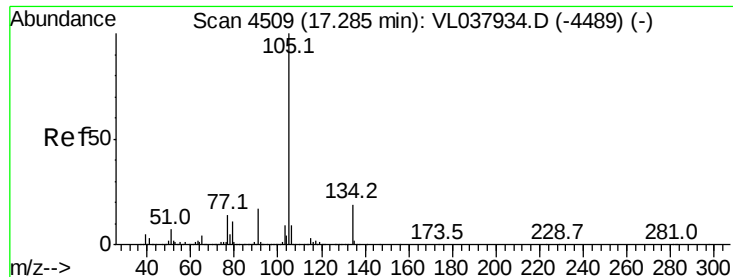
Tot Ion: 119 Resp: 4873655
 Ion Ratio Lower Upper
 119 100
 91 77.4 61.8 92.6
 134 20.6 16.6 25.0



#66
 Benzyl Chloride
 Concen: 7.177 ppbv
 RT: 16.97 min Scan# 4411
 Delta R.T.: -0.01 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

Tgt Ion: 91 Resp: 247343
 Ion Ratio Lower Upper
 91 100
 126 19.0 13.8 20.6
 128 8.4 5.1 7.7#





#67

sec-Butylbenzene

Concen: 7.377 ppbv

RT: 17.28 min

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

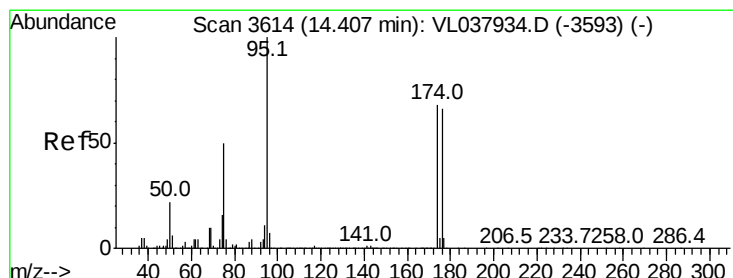
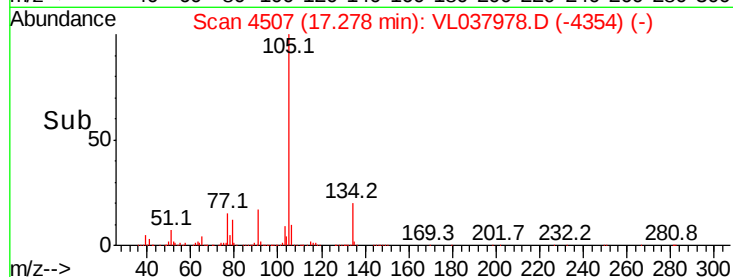
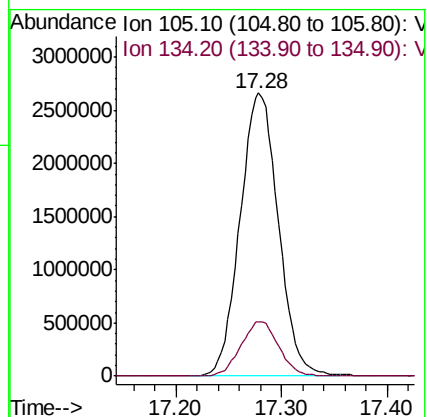
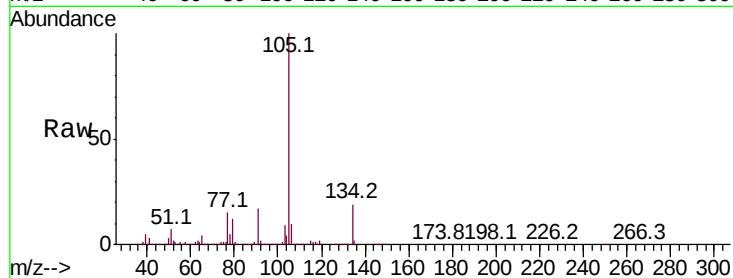
Acq: 9 Nov 2021 10:01

Tot Ion: 105 Resp: 6702976

Ion Ratio Lower Upper

105 100

134 19.2 15.4 23.0



#68

1-Bromo-4-Fluorobenzene

Concen: 8.012 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.01 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

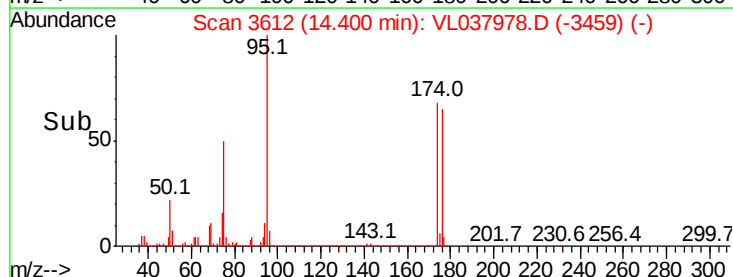
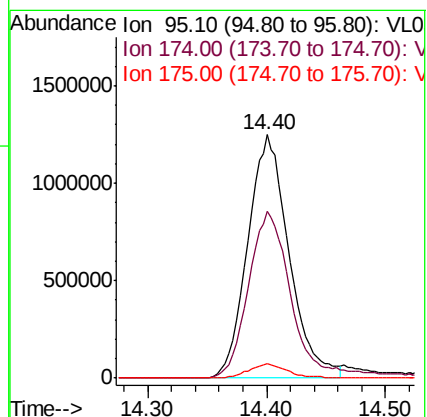
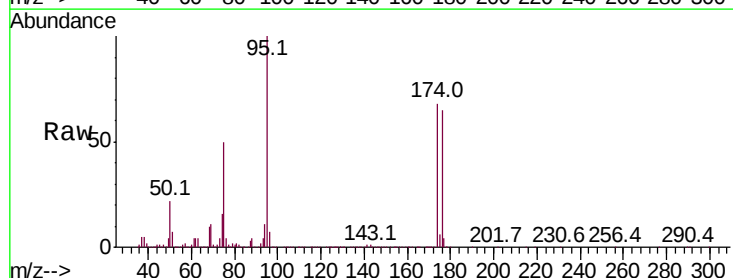
Tgt Ion: 95 Resp: 2995117

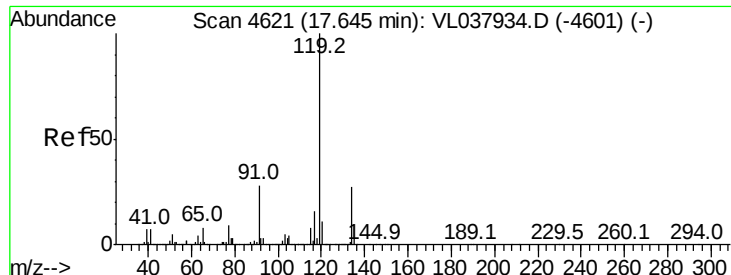
Ion Ratio Lower Upper

95 100

174 73.4 58.3 87.5

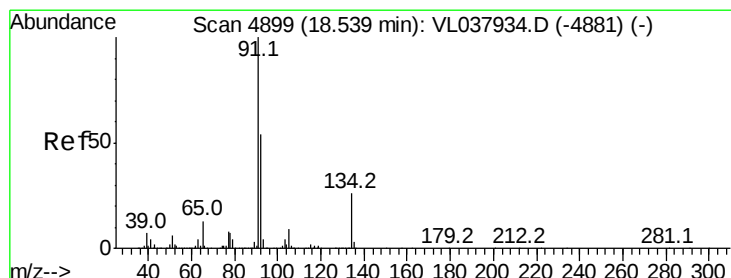
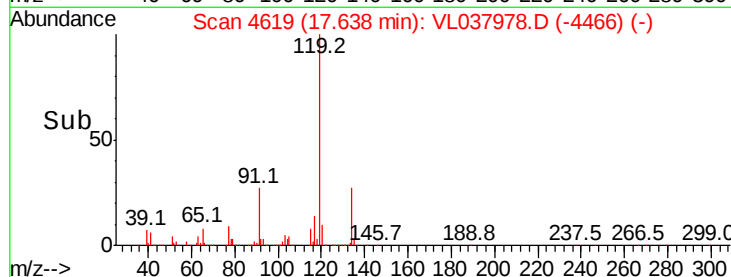
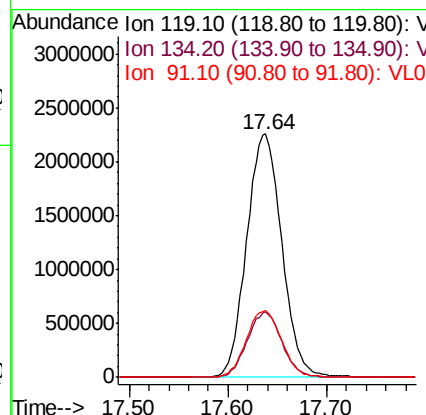
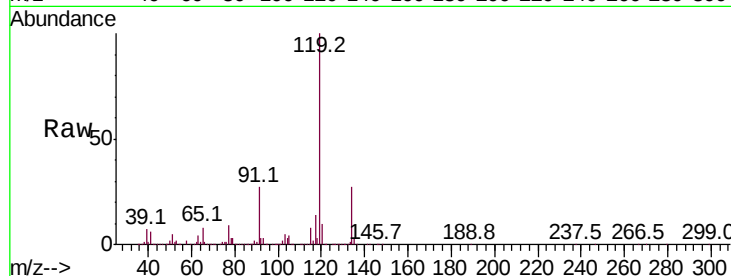
175 5.8 4.6 6.8





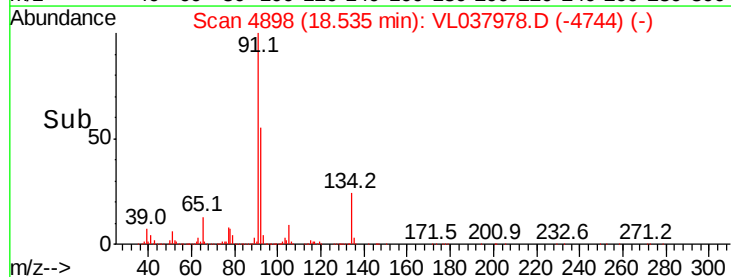
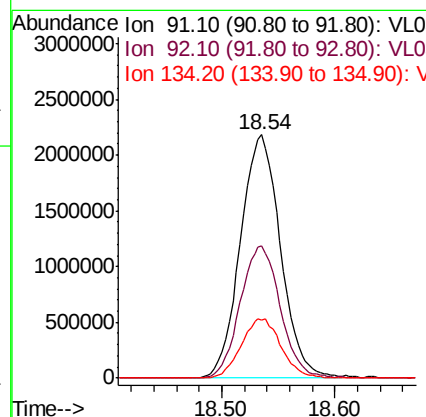
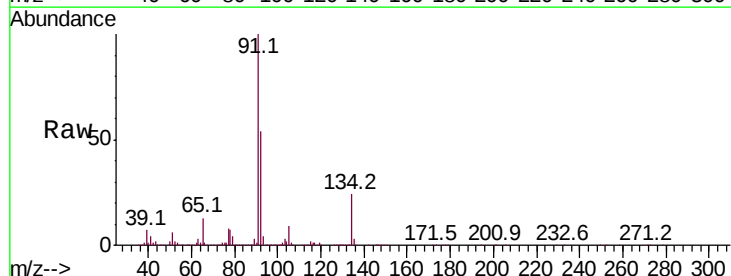
#69
 p-Isopropyltoluene
 Concen: 7.635 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 9 Nov 2021 10:01

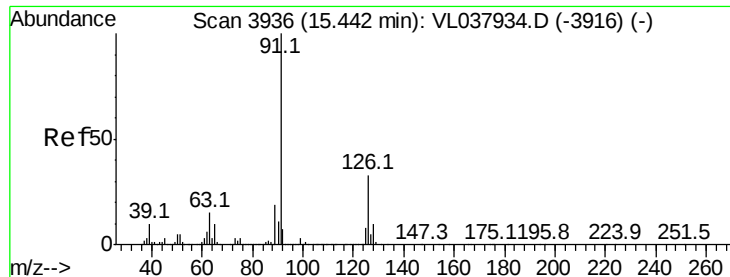
Tot Ion:	119	Resp:	5564798
Ion	Ratio	Lower	Upper
119	100		
134	26.6	21.0	31.4
91	27.7	21.8	32.8



#70
 n-Butylbenzene
 Concen: 8.027 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T. -0.00 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

Tgt Ion:	91	Resp:	5375883
Ion	Ratio	Lower	Upper
91	100		
92	54.8	43.6	65.4
134	24.4	19.8	29.6





#71

2-Chlorotoluene

Concen: 7.762 ppbv

RT: 15.44 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

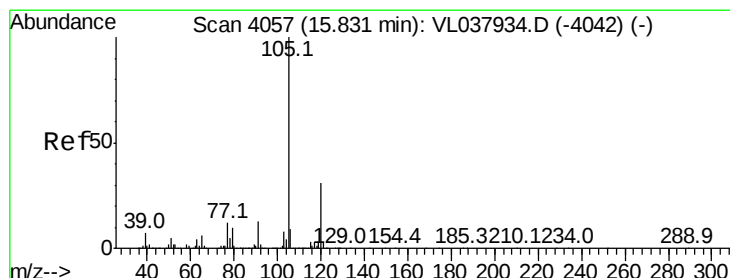
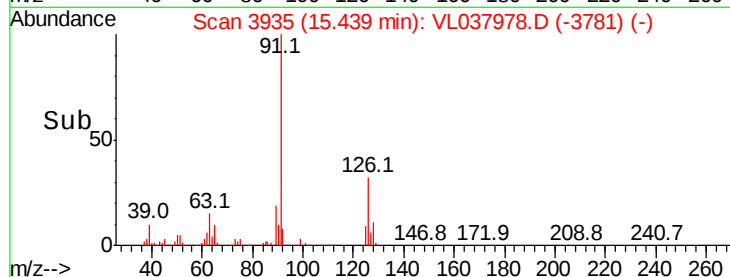
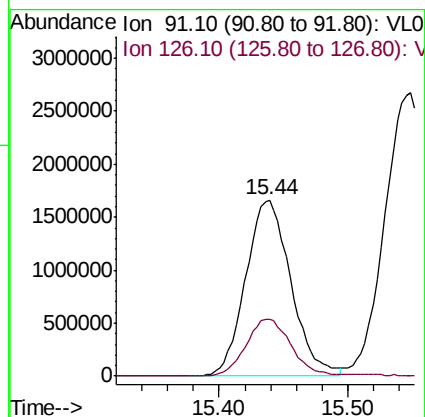
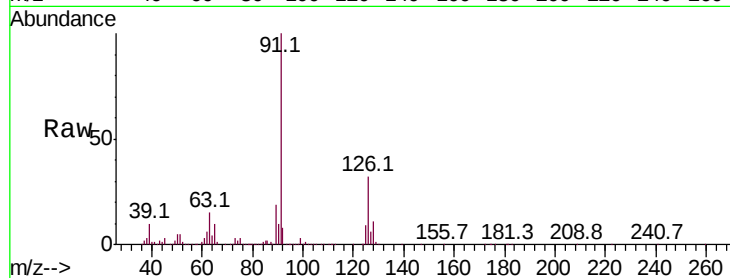
Acq: 9 Nov 2021 10:01

Tot Ion: 91 Resp: 4058343

Ion Ratio Lower Upper

91 100

126 33.8 13.3 53.3



#72

4-Ethyltoluene

Concen: 8.141 ppbv

RT: 15.82 min Scan# 4055

Delta R.T. -0.01 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Tgt Ion: 105 Resp: 4915659

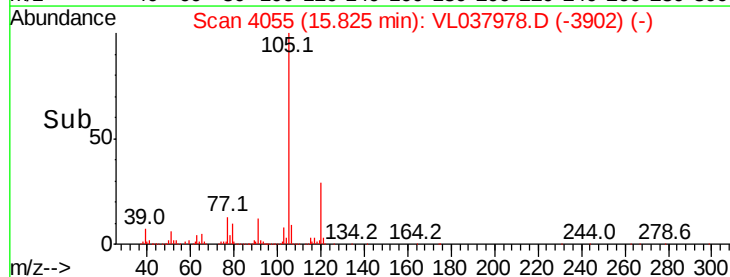
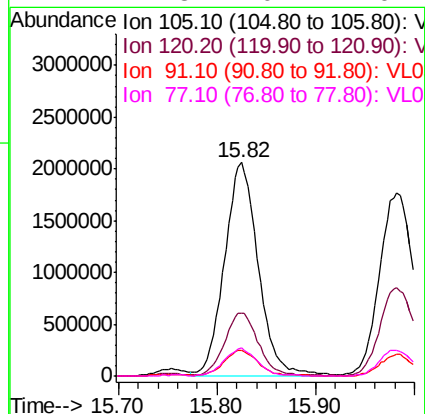
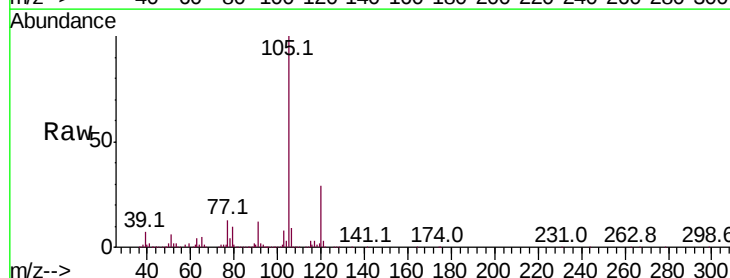
Ion Ratio Lower Upper

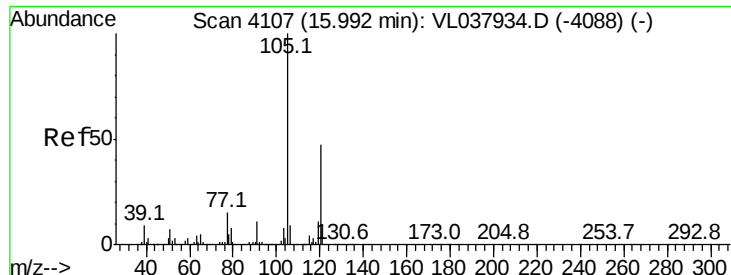
105 100

120 29.7 25.3 37.9

91 12.0 9.9 14.9

77 12.8 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 7.578 ppbv

RT: 15.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

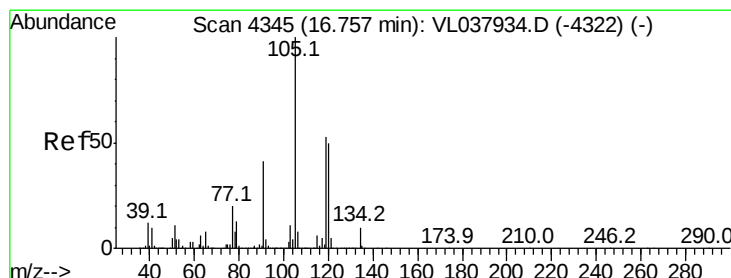
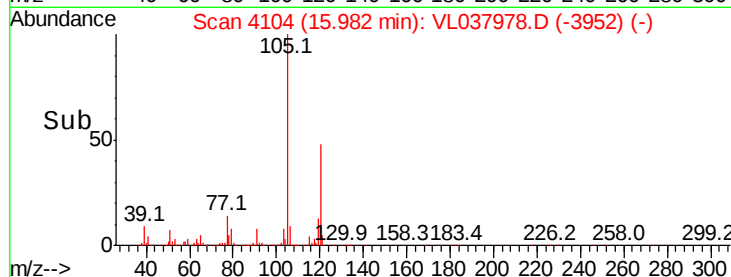
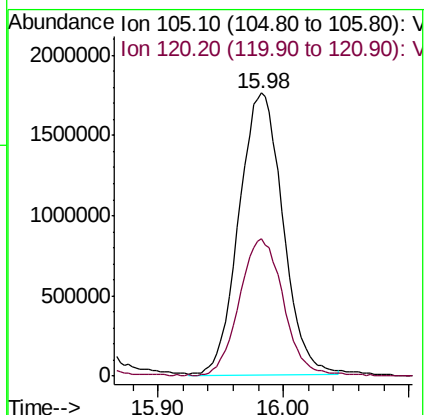
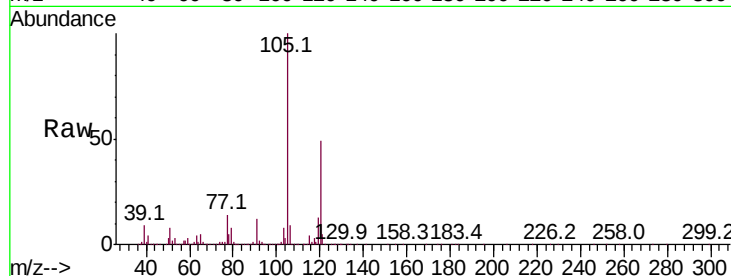
Acq: 9 Nov 2021 10:01

Tot Ion:105 Resp: 4284598

Ion Ratio Lower Upper

105 100

120 48.4 37.9 56.9



#74

1,2,4-Trimethylbenzene

Concen: 7.370 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.01 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Tgt Ion:105 Resp: 4366011

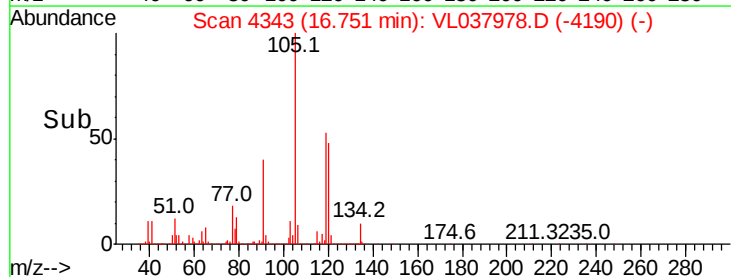
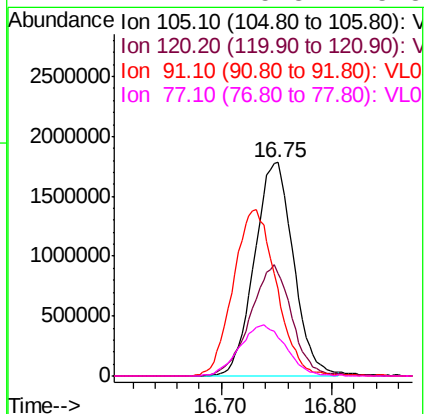
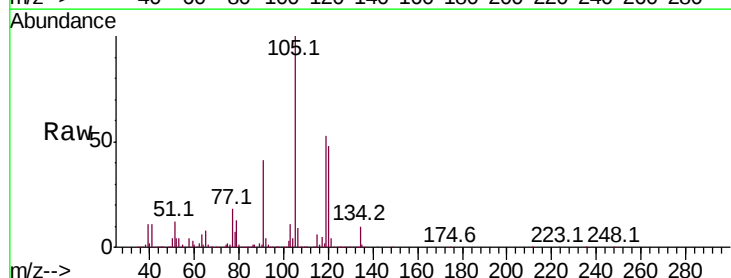
Ion Ratio Lower Upper

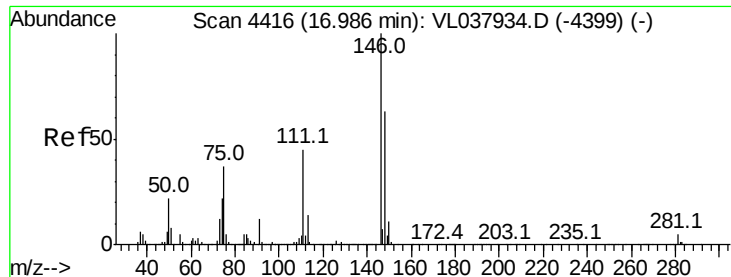
105 100

120 48.0 40.0 60.0

91 40.4 32.6 49.0

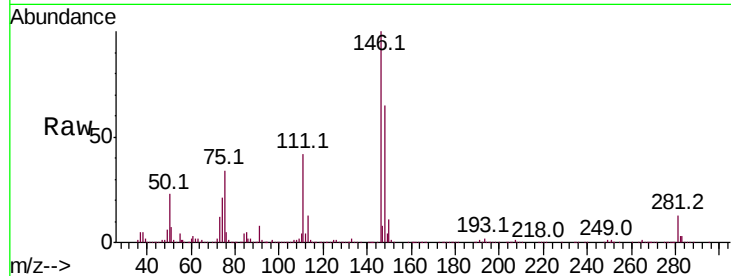
77 17.7 15.8 23.8





#75
 1,3-Dichlorobenzene
 Concen: 7.180 ppbv
 RT: 16.98 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 9 Nov 2021 10:01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.7	68.1
148	63.9	32.4	97.0

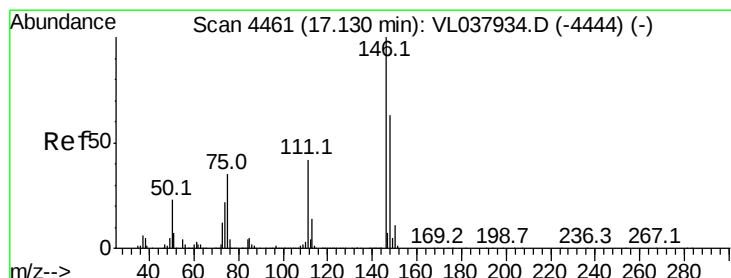
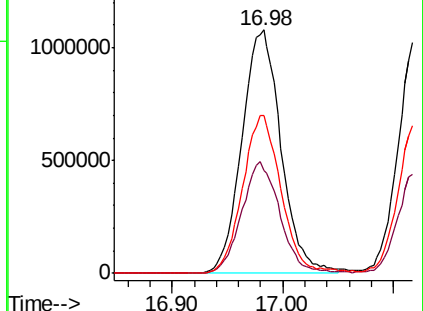
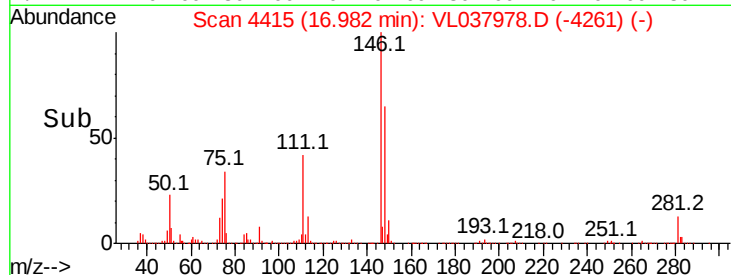


Abundance

Ion 146.00 (145.70 to 146.70): V

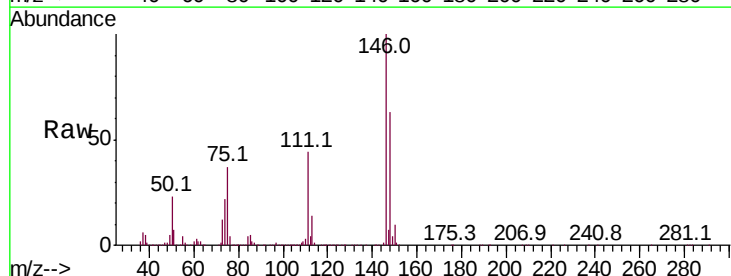
Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76
 1,4-Dichlorobenzene
 Concen: 7.096 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. -0.01 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.7	68.1
148	67.4	33.5	100.4

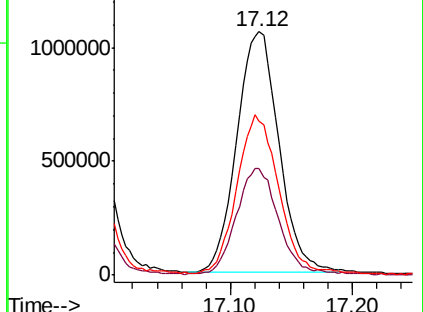
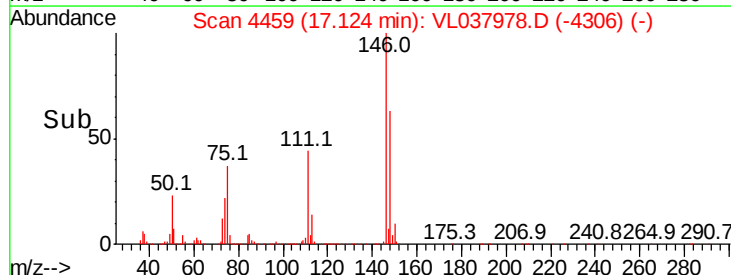


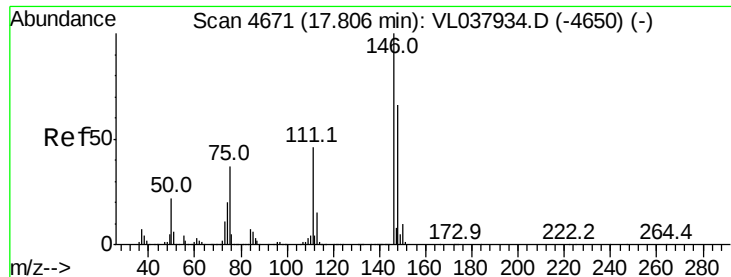
Abundance

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

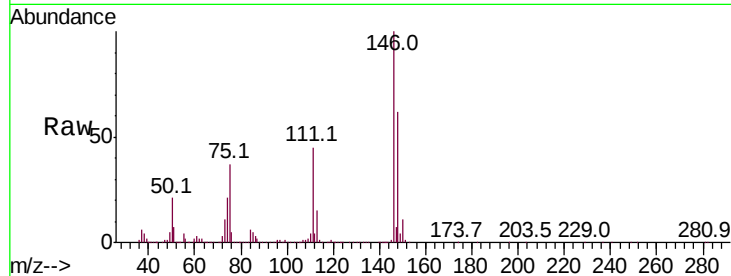




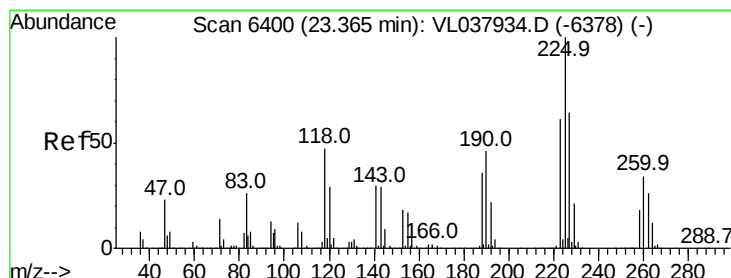
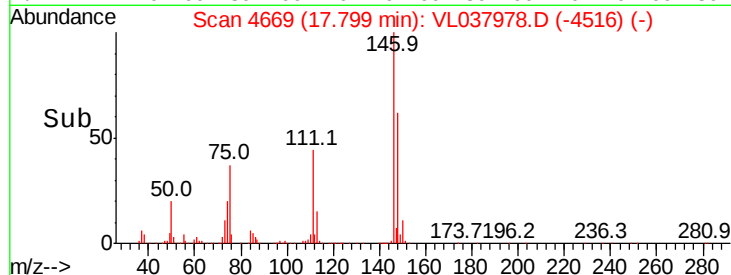
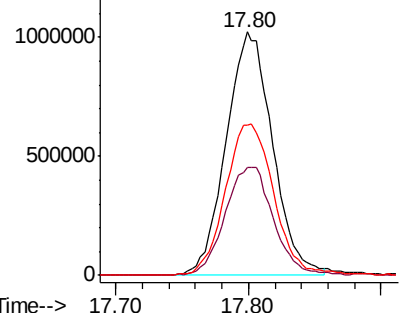
#77
 1,2-Dichlorobenzene
 Concen: 7.136 ppbv
 RT: 17.80 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 9 Nov 2021 10:01

Tot Ion:146 Resp: 2471372

Ion	Ratio	Lower	Upper
146	100		
111	47.0	23.4	70.2
148	65.9	32.6	97.7



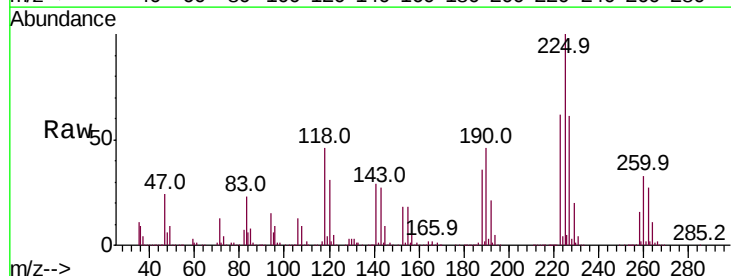
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V



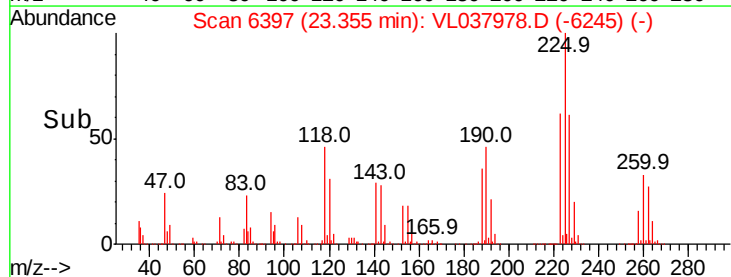
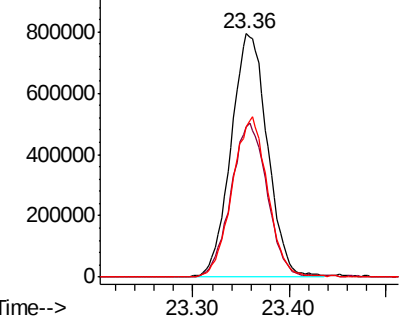
#78
 Hexachloro-1,3-Butadiene
 Concen: 7.000 ppbv
 RT: 23.36 min Scan# 6397
 Delta R.T.: -0.01 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

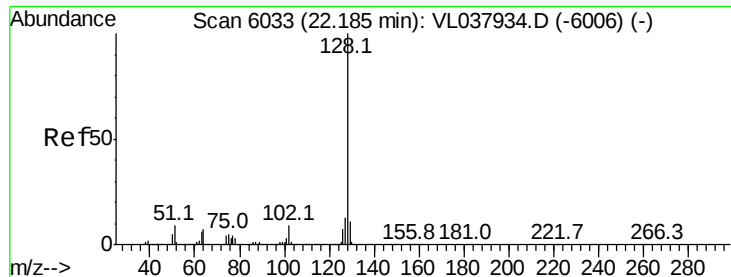
Tgt Ion:225 Resp: 2075099

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.0	75.0
227	64.5	51.5	77.3



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: 10.920 ppbv

RT: 22.18 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Nov 2021 10:01

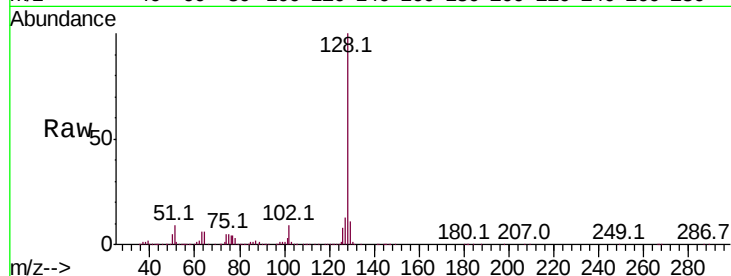
Tot Ion:128 Resp: 3727054

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

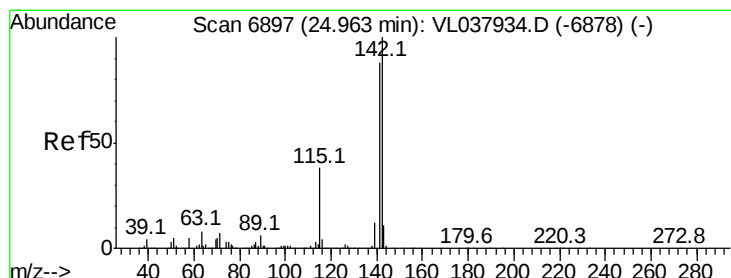
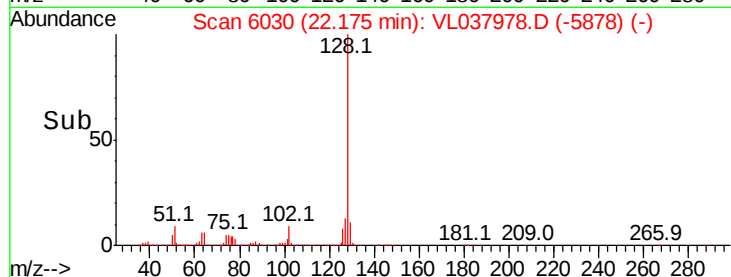
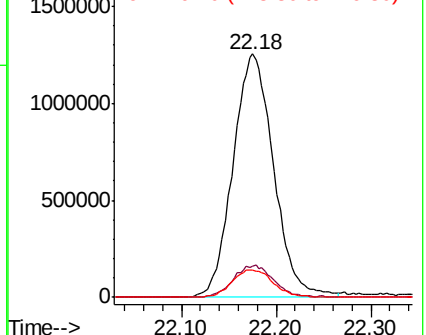
129 11.2 9.0 13.4



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 17.704 ppbv

RT: 24.96 min Scan# 6895

Delta R.T. -0.01 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

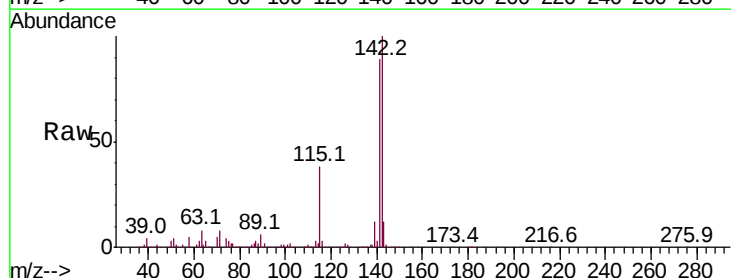
Tgt Ion:142 Resp: 1176265

Ion Ratio Lower Upper

142 100

141 83.4 66.4 99.6

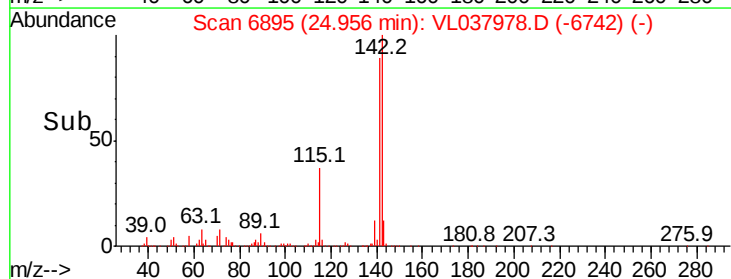
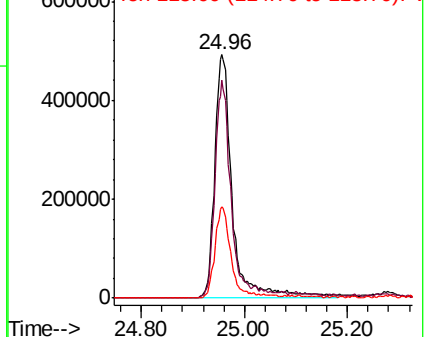
115 36.5 29.0 43.4

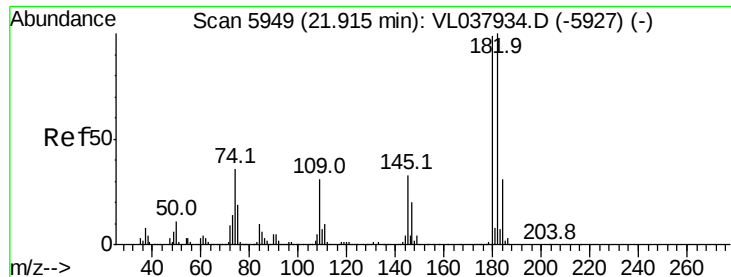


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

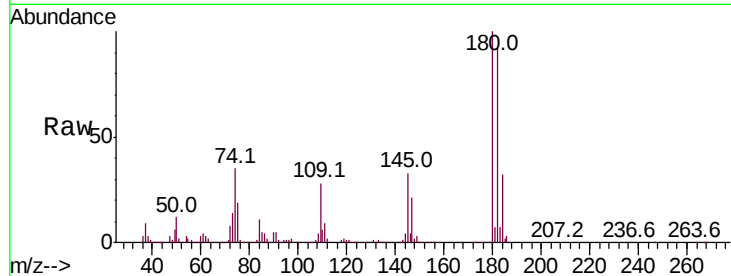
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 9.328 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Nov 2021 10:01

Tot Ion:180 Resp: 2072199
 Ion Ratio Lower Upper
 180 100
 182 97.7 79.3 118.9
 184 30.9 25.3 37.9



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

