

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036911.D
 Acq On : 6 May 2021 19:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: May 07 08:15:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1417503	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3657553	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	4251044	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2745591	8.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2158974	9.671	ppbv 100
3) Chlorodifluoromethane	2.99	51	2761380	10.695	ppbv 100
4) Chloromethane	3.14	50	940614	11.084	ppbv 96
5) Vinyl Chloride	3.26	62	933814	10.909	ppbv 97
6) Bromomethane	3.48	94	531665	11.550	ppbv 97
7) Chloroethane	3.56	64	333635	11.861	ppbv 91
8) Dichlorotetrafluoroethane	3.19	85	2220064	10.903	ppbv 99
9) Propene	3.01	41	920416	11.698	ppbv 100
10) Heptane	8.13	43	2314236	11.695	ppbv 98
11) Trichlorofluoromethane	3.95	101	2201833	11.049	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1477911	11.082	ppbv 100
13) Ethanol	3.62	45	91716	9.141	ppbv 98
14) Bromoethene	3.74	108	639440	11.735	ppbv 99
15) Acetone	3.86	43	1259858	9.430	ppbv 100
16) 1,3-Butadiene	3.33	39	959727	11.234	ppbv 98
17) tert-Butyl alcohol	4.30	59	1243657	11.468	ppbv 98
18) 1,1-Dichloroethene	4.29	96	676039	11.664	ppbv 91
19) Isopropyl Alcohol	3.97	45	744772	11.251	ppbv # 95
20) Methylene Chloride	4.35	84	535387	8.380	ppbv 94
21) Allyl Chloride	4.42	41	1128720	11.369	ppbv 97
22) trans-1,2-Dichloroethene	4.89	96	609975	10.487	ppbv 98
23) Vinyl Acetate	5.08	43	2528168	13.911	ppbv 99
24) 1,1-Dichloroethane	5.02	63	1752159	13.581	ppbv 98
25) Ethyl Acetate	5.68	43	3598315	11.026	ppbv 100
26) Hexane	5.69	57	1660450	10.875	ppbv 96
27) Carbon Disulfide	4.56	76	1651256	12.451	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	1965832	14.525	ppbv 99
29) Chloroform	5.76	83	2601937	10.931	ppbv 100
30) Cyclohexane	7.14	84	1430609	11.815	ppbv 96
31) cis-1,2-Dichloroethene	5.56	61	1649901	12.038	ppbv 98
32) 1,1,1-Trichloroethane	6.52	97	2674059	11.047	ppbv 99
34) 2-Butanone	5.25	43	1774023	11.072	ppbv 98
35) Carbon Tetrachloride	7.02	117	2797175	11.271	ppbv 97
36) Benzene	6.90	78	3557441	11.544	ppbv 98
37) 1,2-Dichloroethane	6.31	62	1965977	11.266	ppbv 99
38) Trichloroethene	7.84	130	1266514	11.543	ppbv 98
39) 1,2-Dichloropropane	7.62	63	1374695	11.135	ppbv 97
40) 1,4-Dioxane	7.84	88	326800	10.962	ppbv 97
41) Tetrahydrofuran	6.06	42	857687	12.238	ppbv 99
42) Bromodichloromethane	7.80	83	2818373	11.624	ppbv 98
43) Methyl Methacrylate	8.02	69	1282280	12.752	ppbv 97

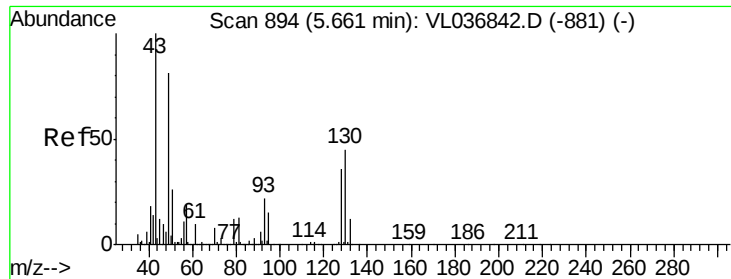
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036911.D
 Acq On : 6 May 2021 19:53
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Quant Time: May 07 08:15:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5875810	11.126	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1426215	13.157	ppbv	96
46) cis-1,3-Dichloropropene	8.71	75	1810308	13.025	ppbv	100
47) 1,1,2-Trichloroethane	9.48	97	1430923	11.195	ppbv	98
48) Dibromochloromethane	10.31	129	2323209	12.266	ppbv	99
49) Bromoform	13.04	173	1872642	12.385	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	2623743	11.981	ppbv	98
51) 2-Hexanone	10.14	43	1323962	12.121	ppbv #	95
52) Tetrachloroethene	11.23	164	1195960	11.397	ppbv	99
53) Toluene	9.81	91	3927690	12.180	ppbv	99
54) 1,2-Dibromoethane	10.62	107	2019255	11.189	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	1545553	8.672	ppbv #	63
57) Chlorobenzene	12.15	112	2837428	8.569	ppbv	98
58) Ethyl Benzene	12.71	91	5190764	9.627	ppbv	98
59) m/p-Xylene	13.00	91	4542790	9.427	ppbv #	38
60) o-Xylene	13.70	91	4094588	8.787	ppbv	100
61) Styrene	13.53	104	2361463	10.792	ppbv	100
62) Isopropylbenzene	14.67	105	5518568	8.705	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	2969524	7.950	ppbv	100
64) n-propylbenzene	15.57	120	1449761	9.176	ppbv	100
65) tert-Butylbenzene	16.75	119	4852426	8.657	ppbv	99
66) Benzyl Chloride	16.99	91	493027	8.996	ppbv	99
67) sec-Butylbenzene	17.29	105	6860680	8.814	ppbv	100
69) p-Isopropyltoluene	17.65	119	5599393	8.973	ppbv	99
70) n-Butylbenzene	18.55	91	5759211	9.157	ppbv	100
71) 2-Chlorotoluene	15.46	91	4284898	9.126	ppbv	100
72) 4-Ethyltoluene	15.84	105	4783809	9.565	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	4354479	8.978	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	4473461	8.683	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	2571754	8.444	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2470383	8.289	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2493545	8.382	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	1813699	7.175	ppbv	99
79) Naphthalene	22.20	128	2837883	9.835	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	360832	11.340	ppbv	95
81) 1,2,4-Trichlorobenzene	21.93	180	1662122	8.905	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 6 May 2021 19:53

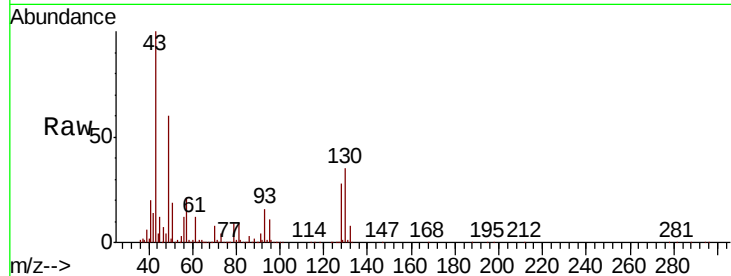
Tot Ion: 49 Resp: 1417503

Ion Ratio Lower Upper

49 100

128 48.5 24.4 73.2

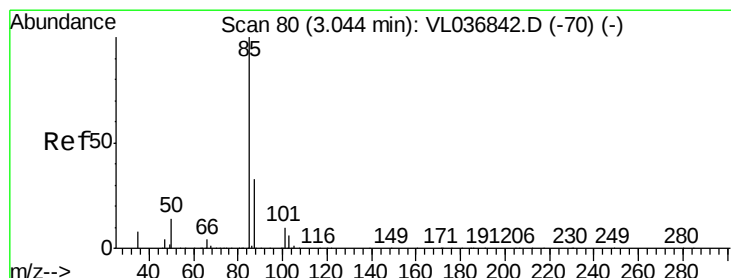
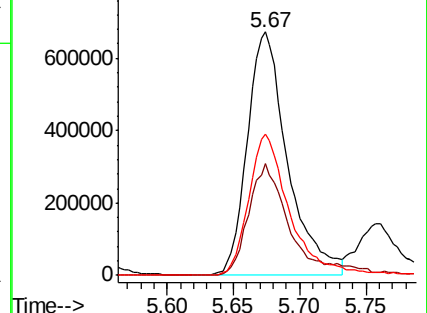
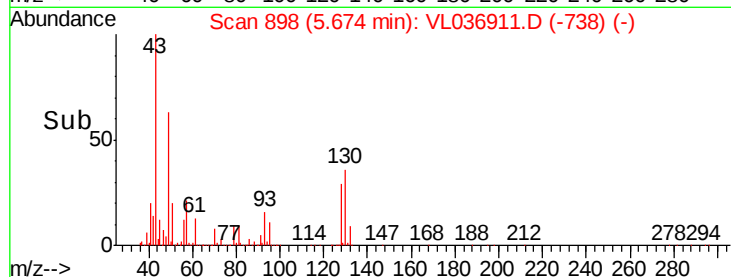
130 59.5 30.3 90.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 9.671 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL036911.D

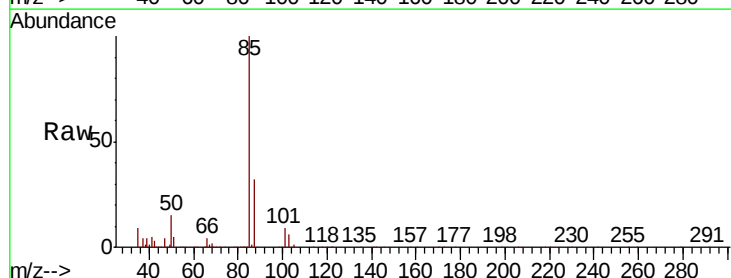
Acq: 6 May 2021 19:53

Tgt Ion: 85 Resp: 2158974

Ion Ratio Lower Upper

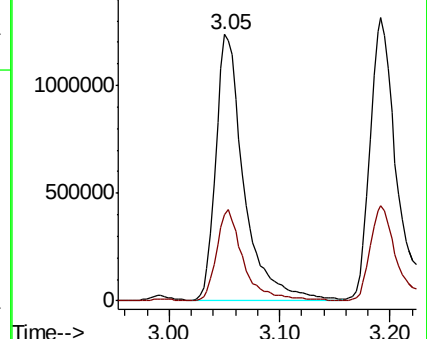
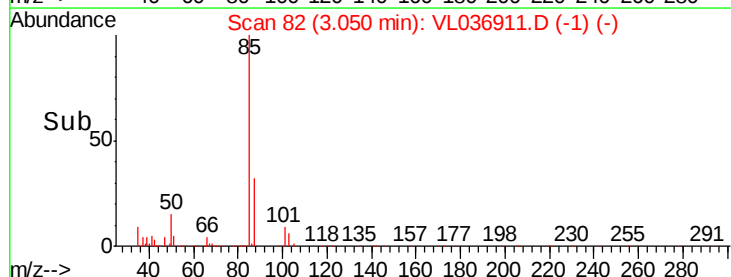
85 100

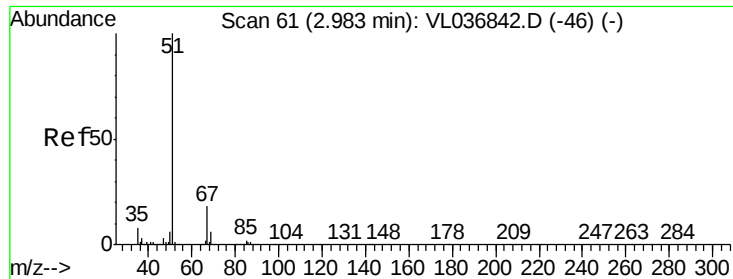
87 32.5 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.695 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

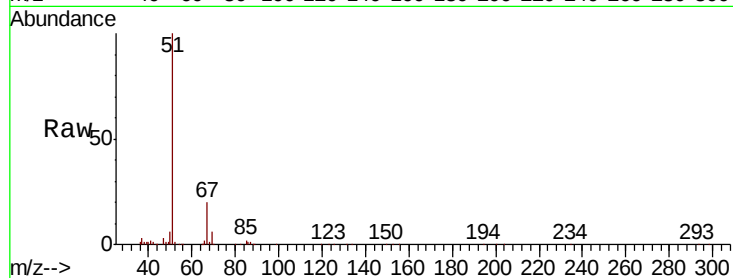
Acq: 6 May 2021 19:55 VSTDCCC010EC

Tot Ion: 51 Resp: 2761380

Ion Ratio Lower Upper

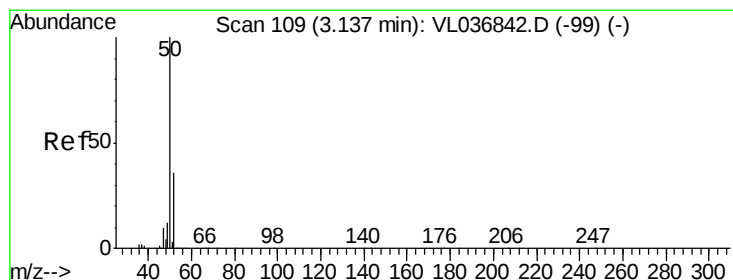
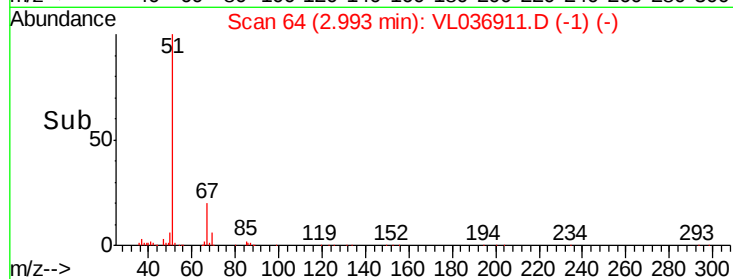
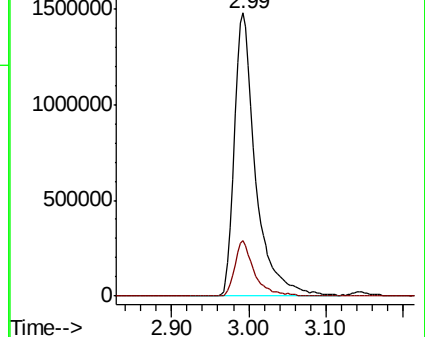
51 100

67 18.4 14.8 22.2



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 11.084 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.01 min

Lab File: VL036911.D

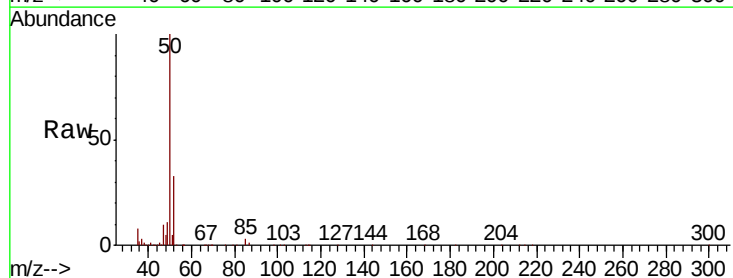
Acq: 6 May 2021 19:53

Tgt Ion: 50 Resp: 940614

Ion Ratio Lower Upper

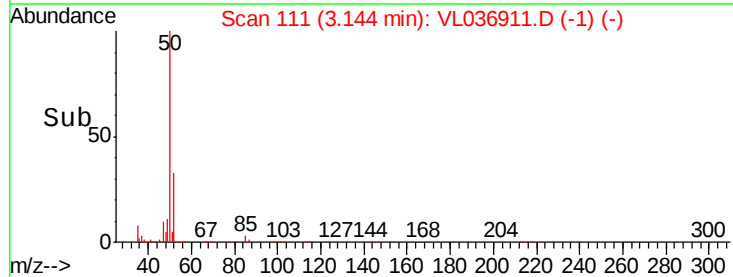
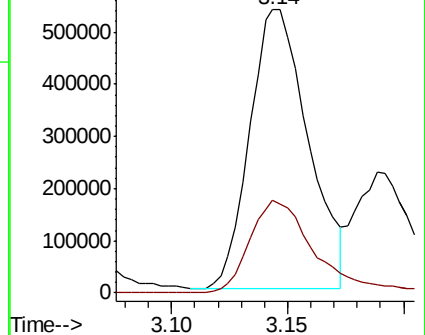
50 100

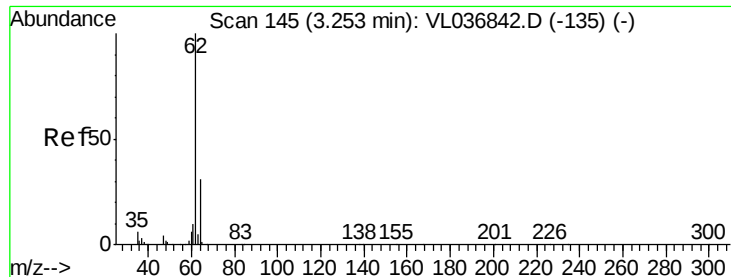
52 33.1 28.5 42.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.909 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

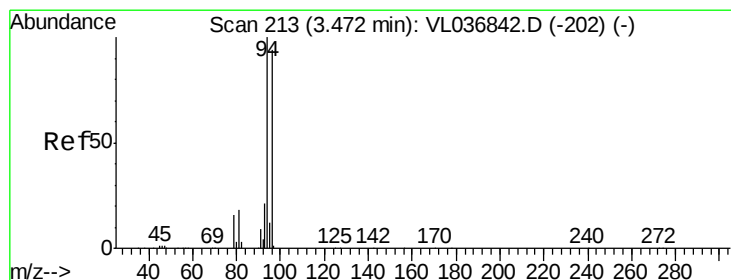
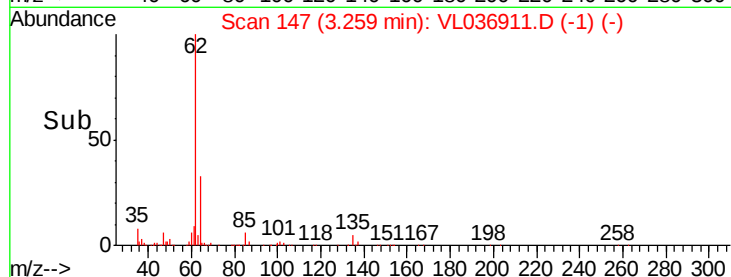
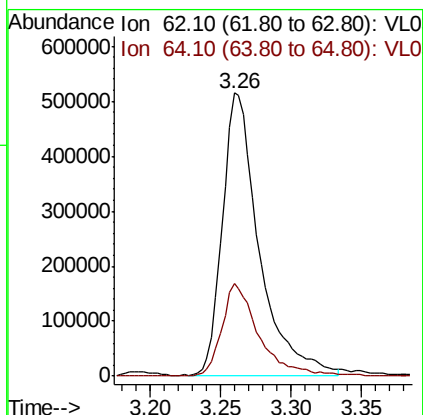
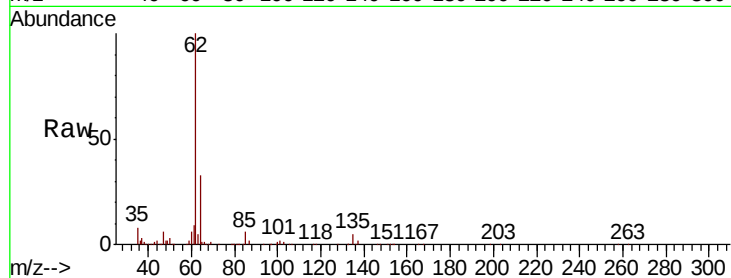
Acq: 6 May 2021 19:55 VSTDCCC010EC

Tot Ion: 62 Resp: 933814

Ion Ratio Lower Upper

62 100

64 32.9 25.0 37.4



#6

Bromomethane

Concen: 11.550 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.01 min

Lab File: VL036911.D

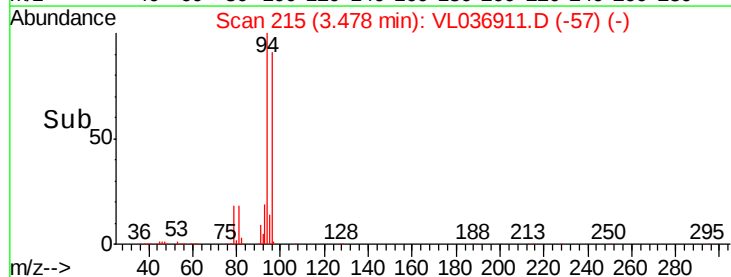
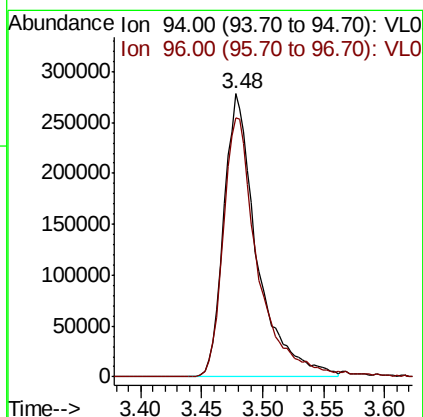
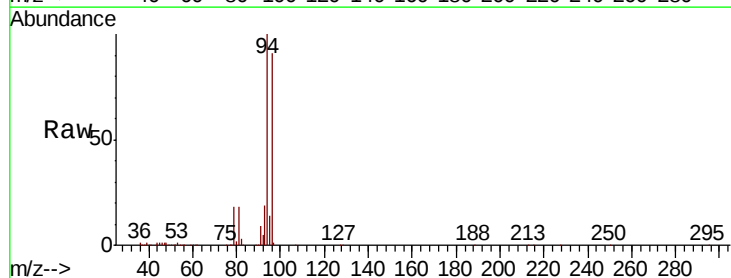
Acq: 6 May 2021 19:53

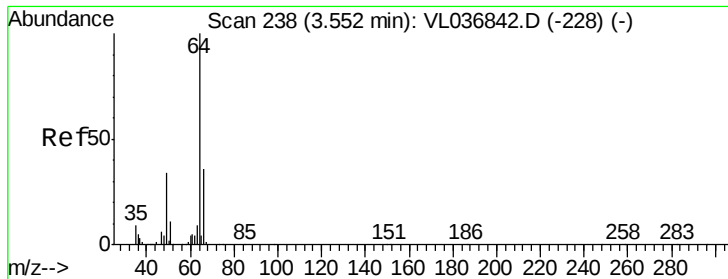
Tgt Ion: 94 Resp: 531665

Ion Ratio Lower Upper

94 100

96 91.3 75.4 113.0





#7

Chloroethane

Concen: 11.861 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

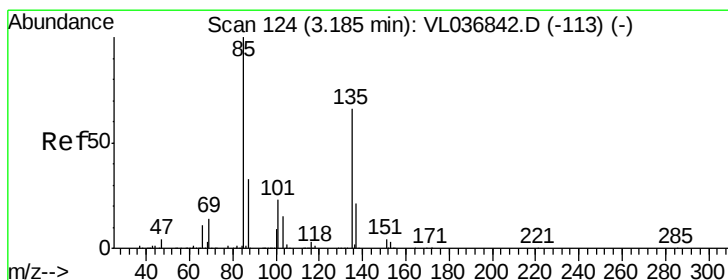
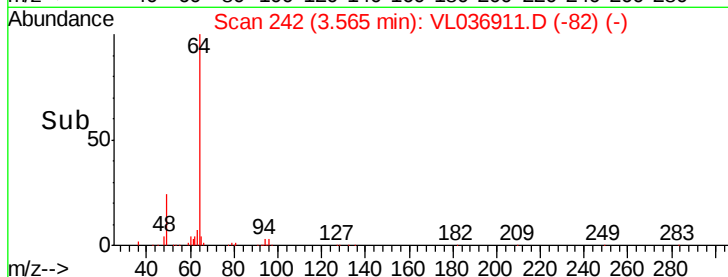
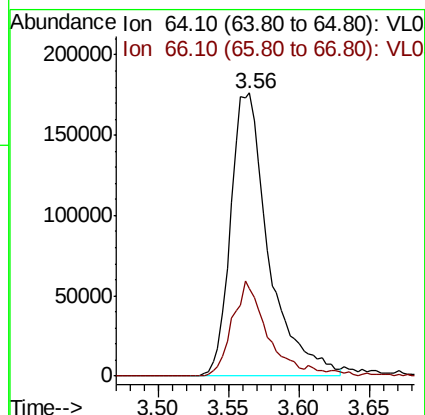
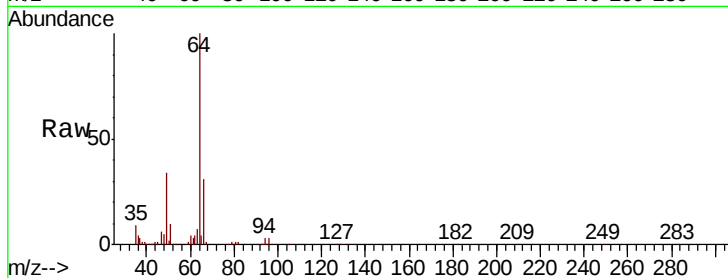
Acq: 6 May 2021 19:55

Tot Ion: 64 Resp: 333635

Ion Ratio Lower Upper

64 100

66 31.1 29.0 43.6



#8

Dichlorotetrafluoroethane

Concen: 10.903 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036911.D

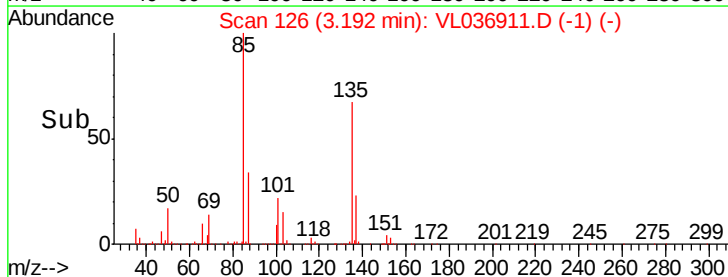
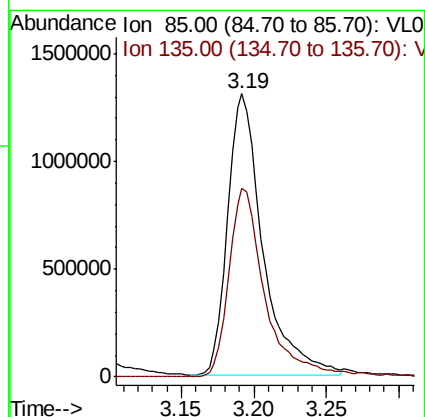
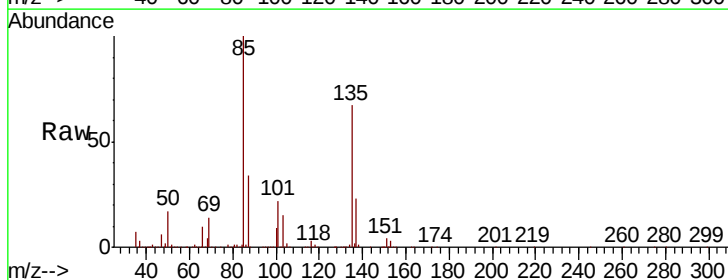
Acq: 6 May 2021 19:53

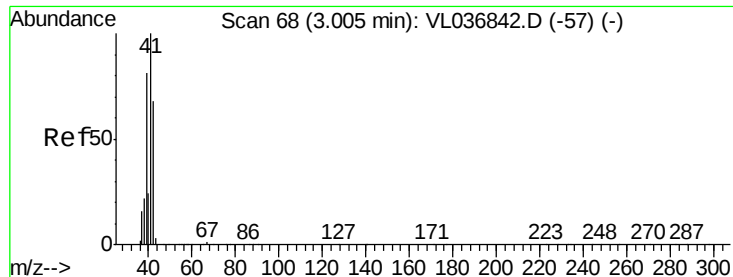
Tgt Ion: 85 Resp: 2220064

Ion Ratio Lower Upper

85 100

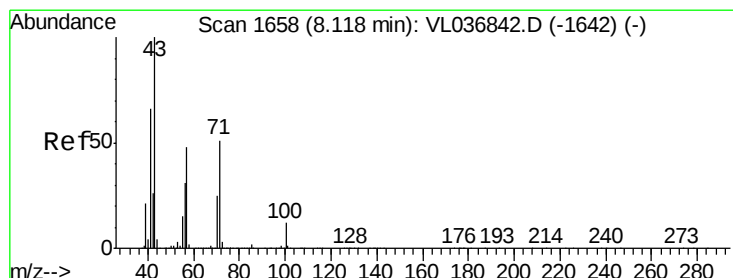
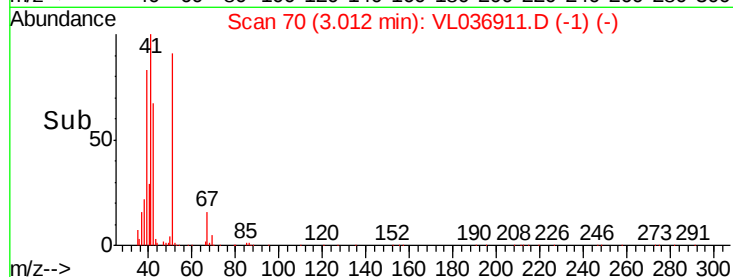
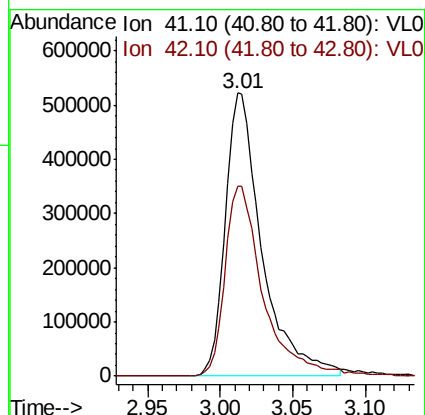
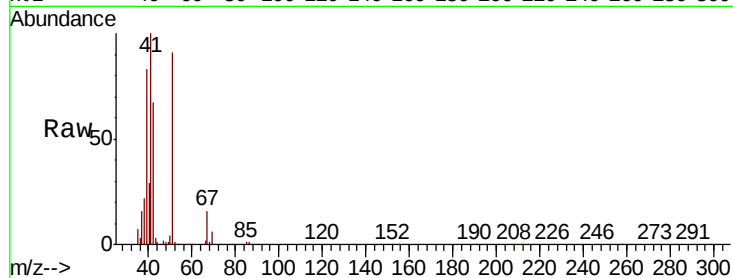
135 69.3 56.2 84.4





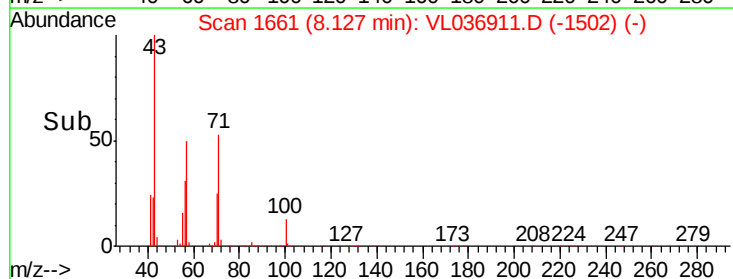
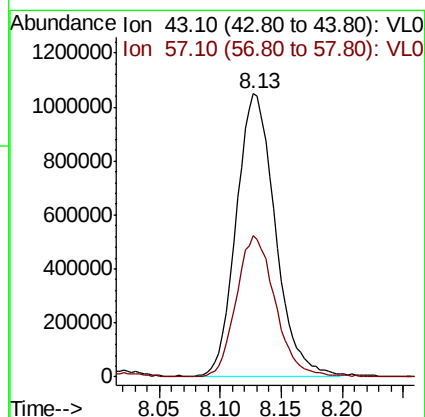
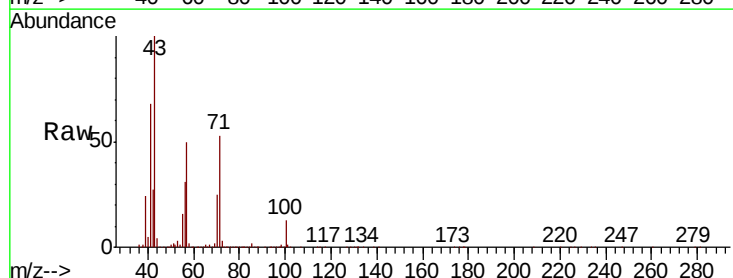
#9
 Propene
 Concen: 11.698 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 6 May 2021 19:55

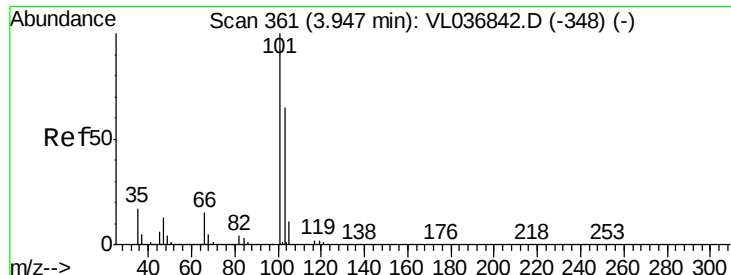
Tot Ion: 41 Resp: 920416
 Ion Ratio Lower Upper
 41 100
 42 70.4 56.0 84.0



#10
 Heptane
 Concen: 11.695 ppbv
 RT: 8.13 min Scan# 1661
 Delta R.T. 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

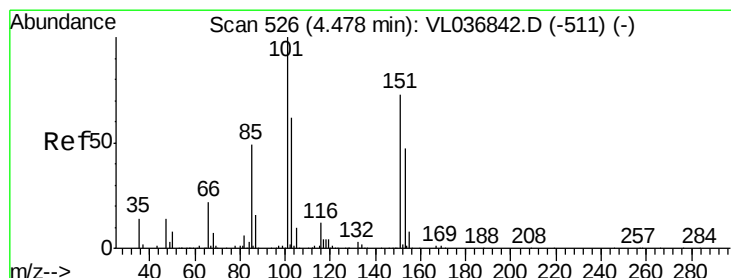
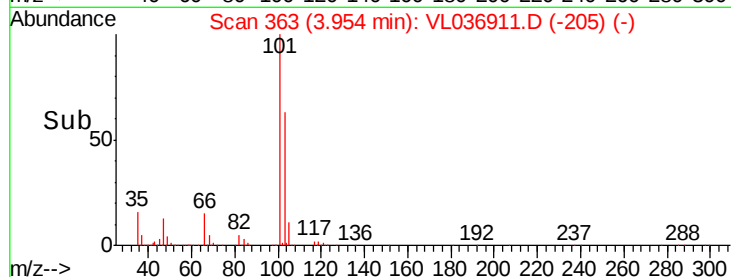
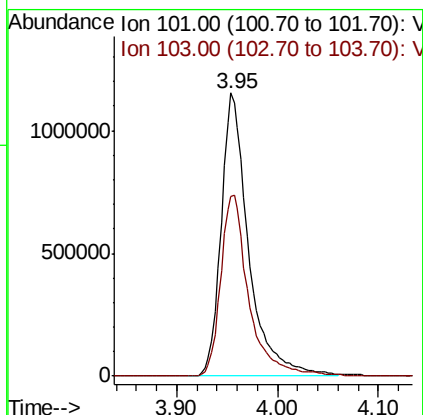
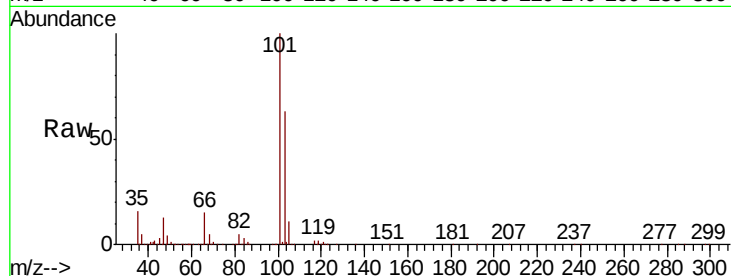
Tgt Ion: 43 Resp: 2314236
 Ion Ratio Lower Upper
 43 100
 57 49.9 38.8 58.2





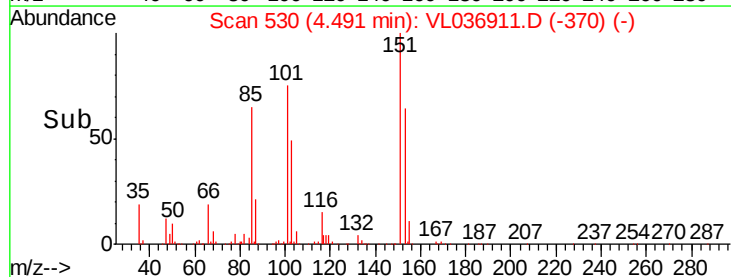
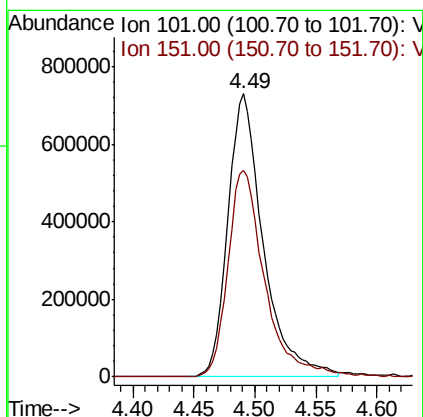
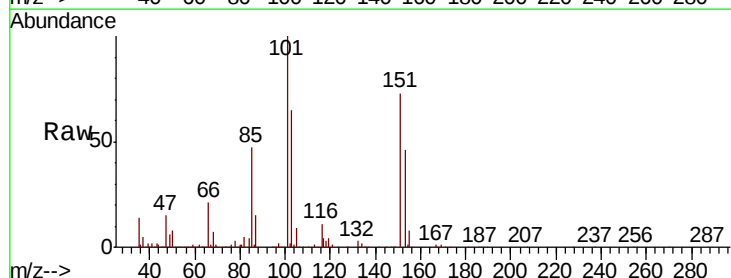
#11
 Trichlorofluoromethane
 Concen: 11.049 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: VSTDCCC010EC
 Acq: 6 May 2021 19:55

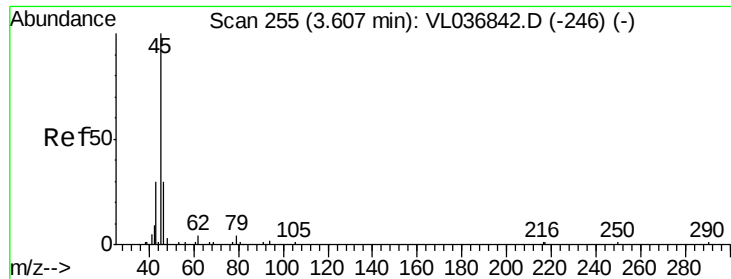
Tot Ion:101 Resp: 2201833
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.082 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

Tgt Ion:101 Resp: 1477911
 Ion Ratio Lower Upper
 101 100
 151 76.4 61.1 91.7





#13

Ethanol

Concen: 9.141 ppbv

RT: 3.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

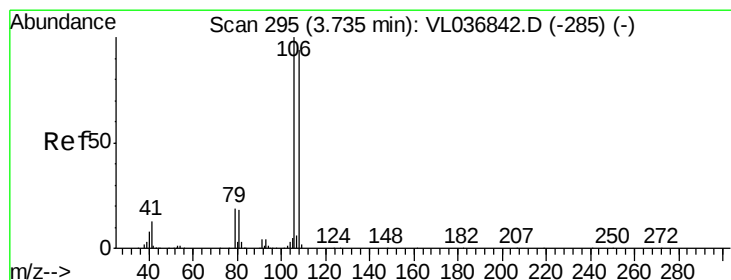
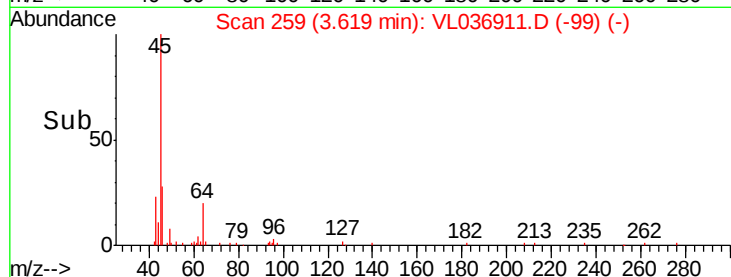
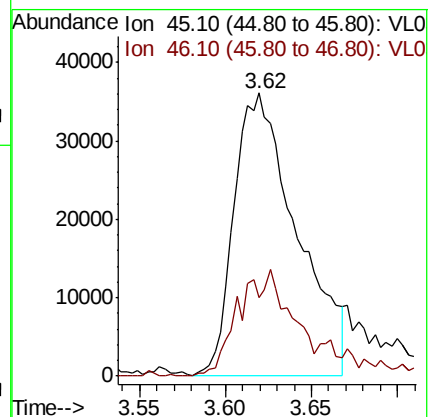
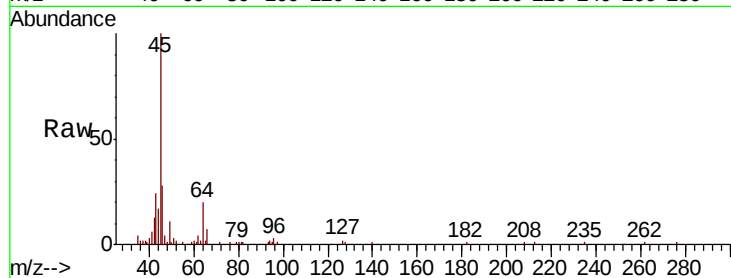
Acq: 6 May 2021 19:53 VSTDCCC010EC

Tot Ion: 45 Resp: 91716

Ion Ratio Lower Upper

45 100

46 40.7 16.8 67.4



#14

Bromoethene

Concen: 11.735 ppbv

RT: 3.74 min Scan# 298

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

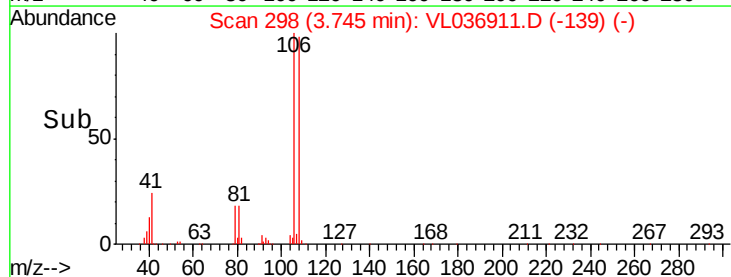
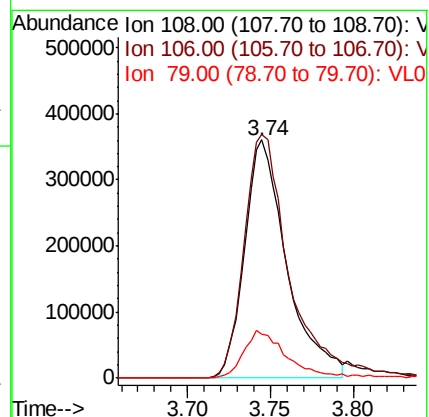
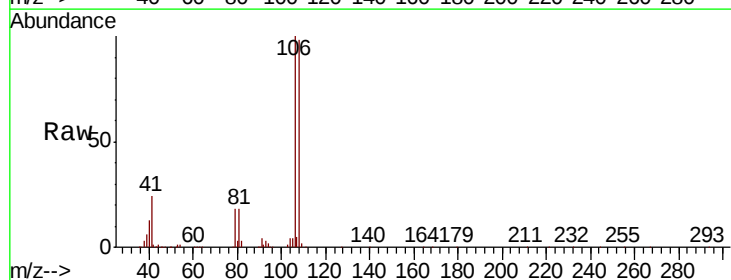
Tgt Ion: 108 Resp: 639440

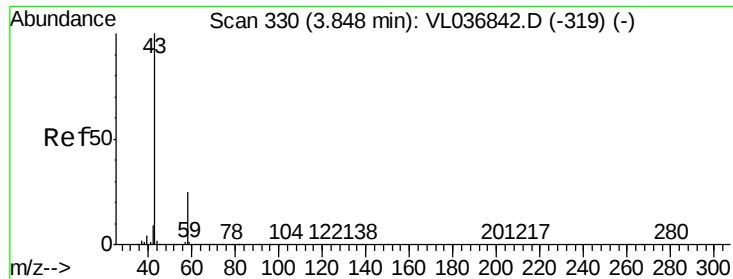
Ion Ratio Lower Upper

108 100

106 112.0 88.5 132.7

79 21.7 17.9 26.9





#15

Acetone

Concen: 9.430 ppbv

RT: 3.86 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

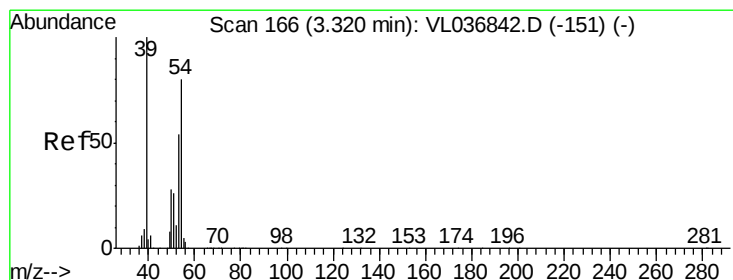
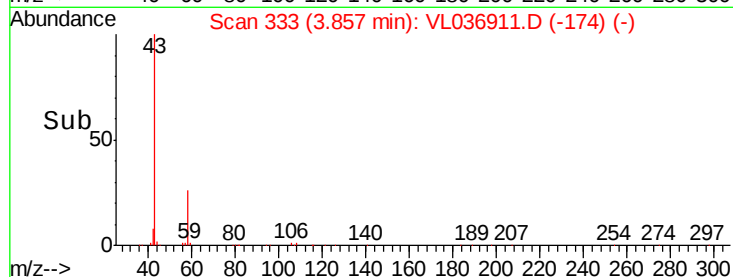
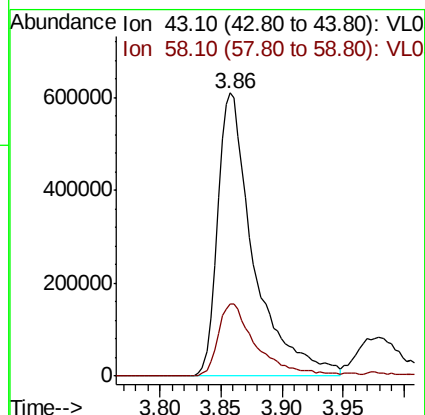
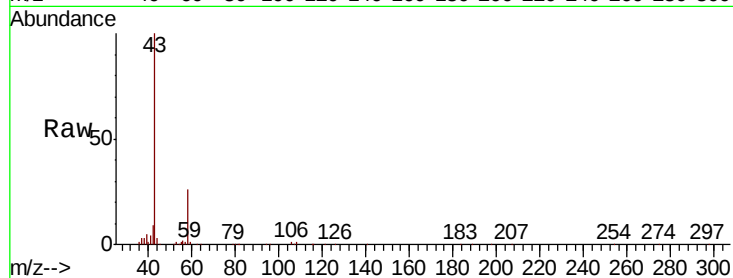
Acq: 6 May 2021 19:55

Tot Ion: 43 Resp: 1259858

Ion Ratio Lower Upper

43 100

58 27.2 21.7 32.5



#16

1,3-Butadiene

Concen: 11.234 ppbv

RT: 3.33 min Scan# 169

Delta R.T. 0.01 min

Lab File: VL036911.D

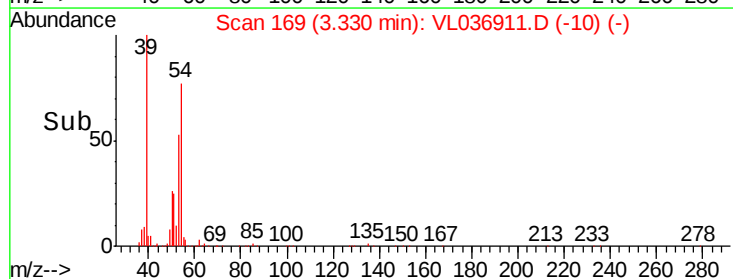
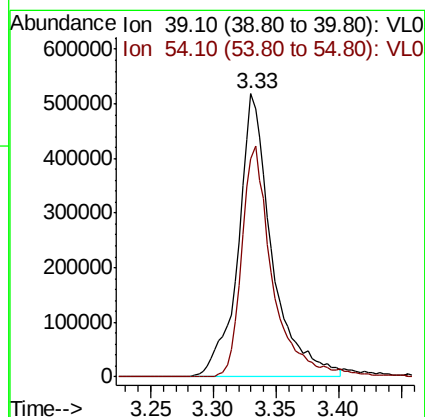
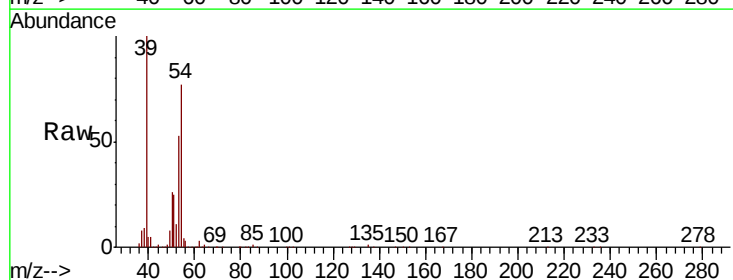
Acq: 6 May 2021 19:53

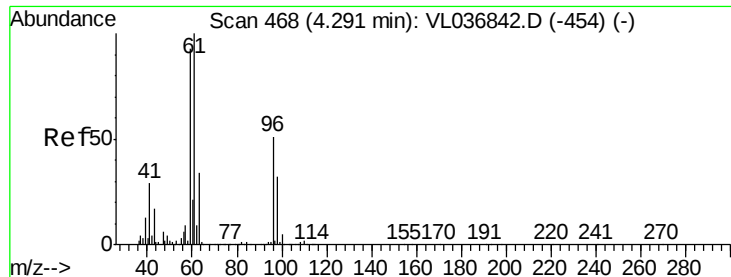
Tgt Ion: 39 Resp: 959727

Ion Ratio Lower Upper

39 100

54 76.1 59.6 89.4





#17

tert-Butyl alcohol

Concen: 11.468 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

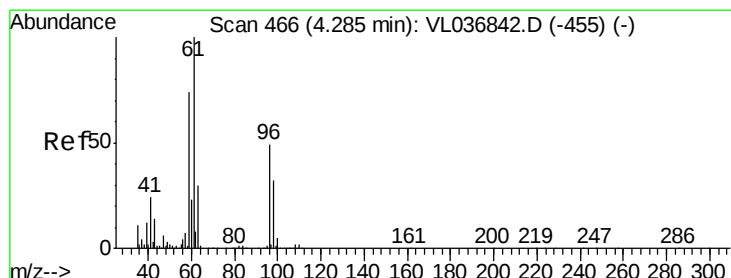
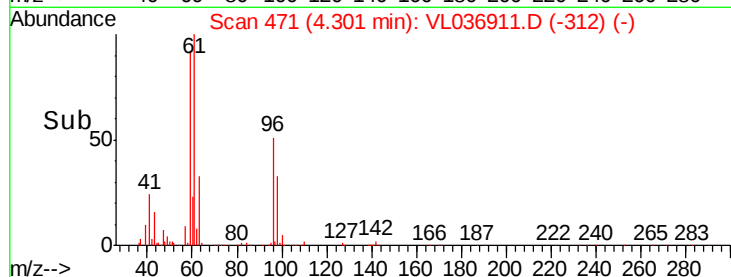
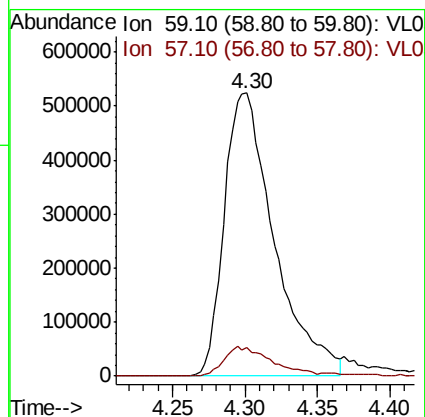
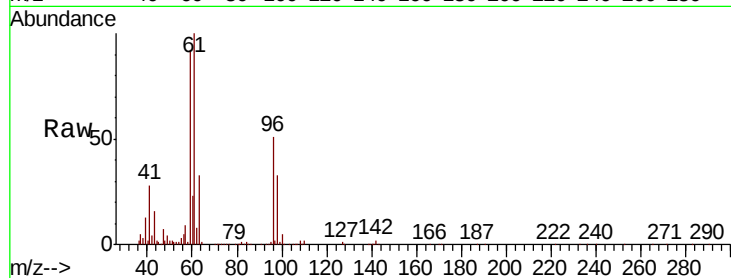
Acq: 6 May 2021 19:55 VSTDCCC010EC

Tot Ion: 59 Resp: 1243657

Ion Ratio Lower Upper

59 100

57 11.2 8.3 12.5



#18

1,1-Dichloroethene

Concen: 11.664 ppbv

RT: 4.29 min Scan# 468

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

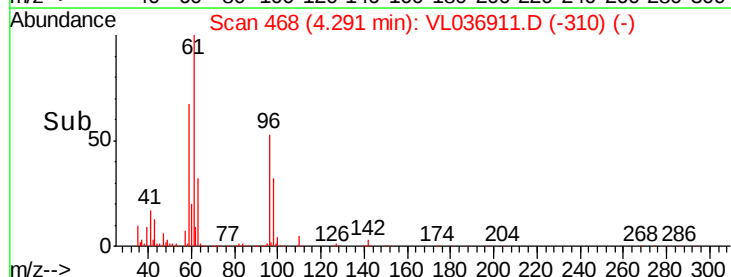
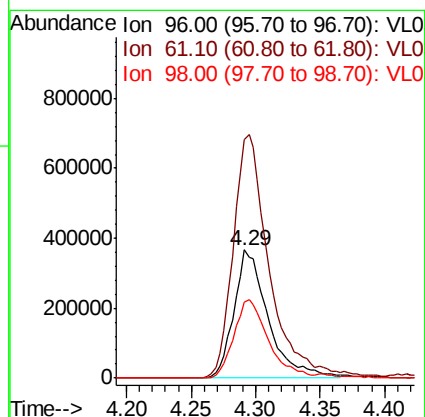
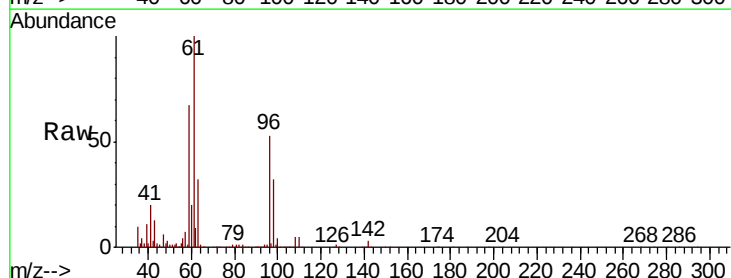
Tgt Ion: 96 Resp: 676039

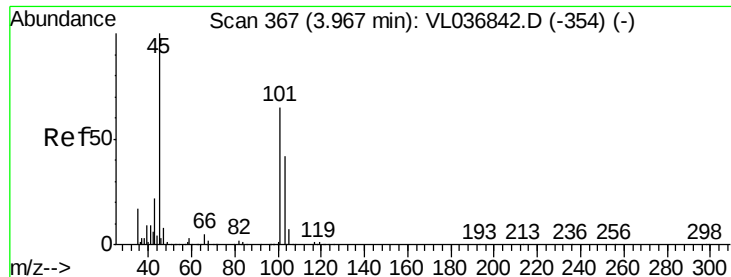
Ion Ratio Lower Upper

96 100

61 187.0 162.2 243.2

98 59.9 51.8 77.6





#19

Isopropyl Alcohol

Concen: 11.251 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

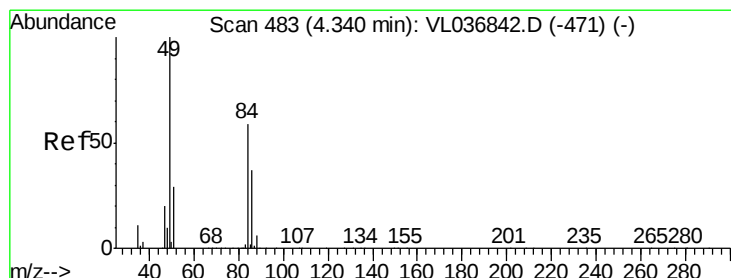
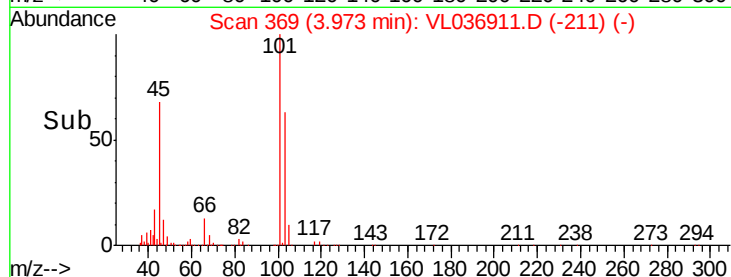
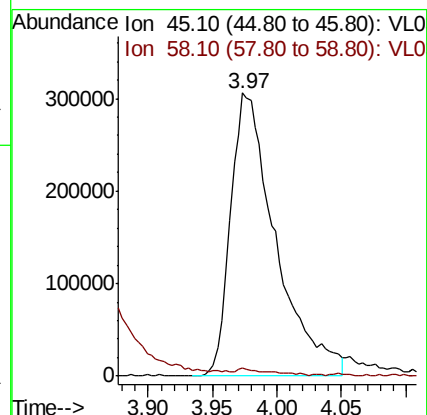
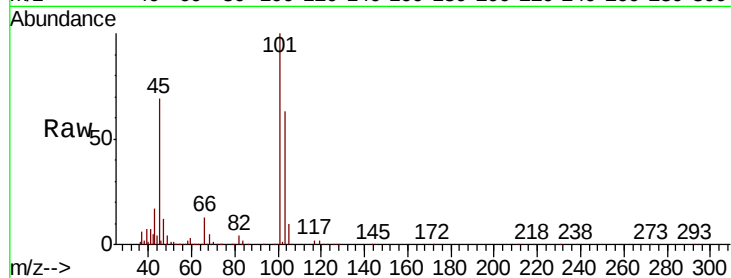
Acq: 6 May 2021 19:55 VSTDCCC010EC

Tot Ion: 45 Resp: 744772

Ion Ratio Lower Upper

45 100

58 1.7 2.8 4.2#



#20

Methylene Chloride

Concen: 8.380 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

Tgt Ion: 84 Resp: 535387

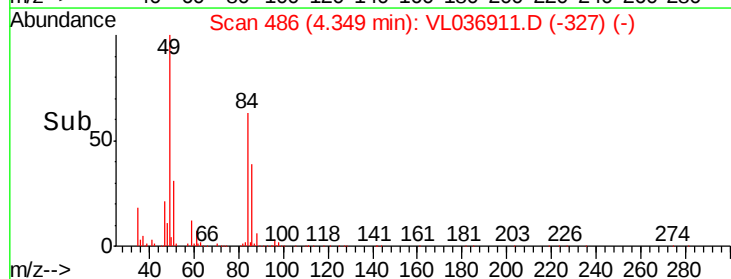
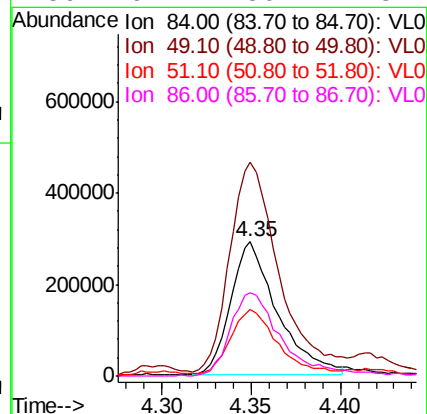
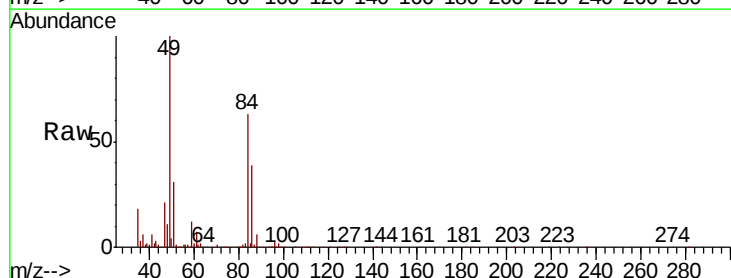
Ion Ratio Lower Upper

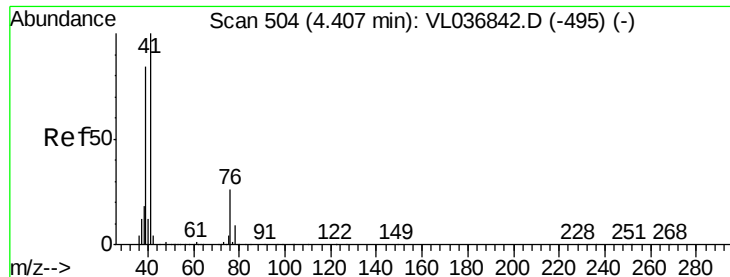
84 100

49 157.5 135.4 203.0

51 48.0 39.3 58.9

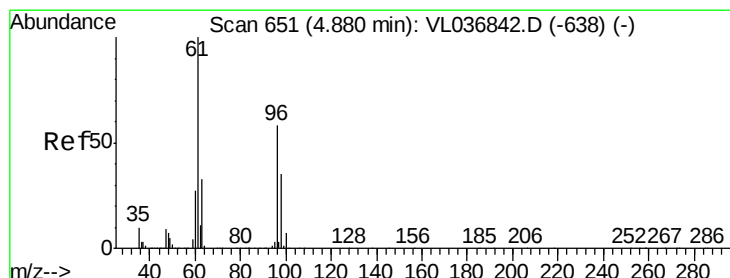
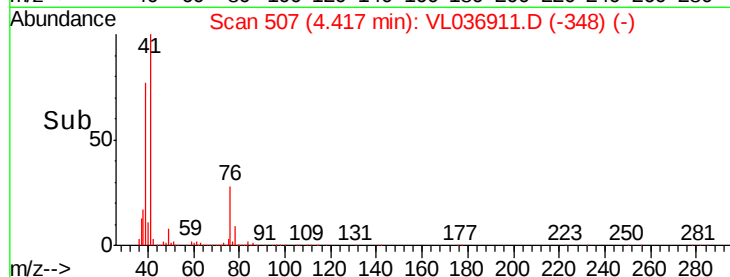
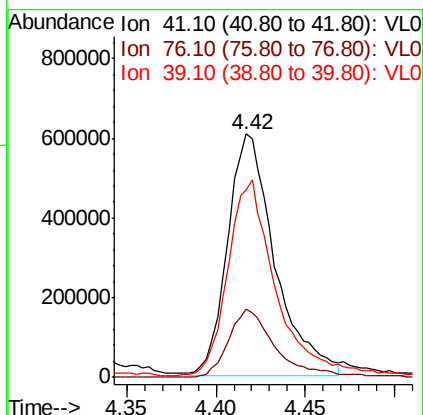
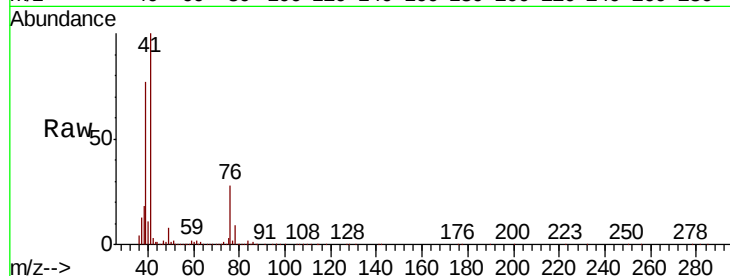
86 62.4 50.2 75.2





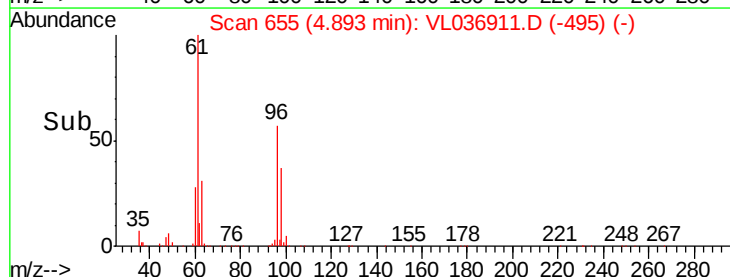
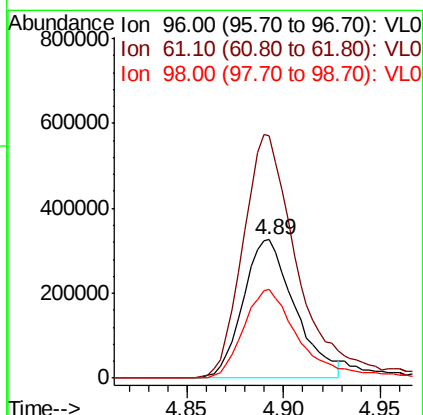
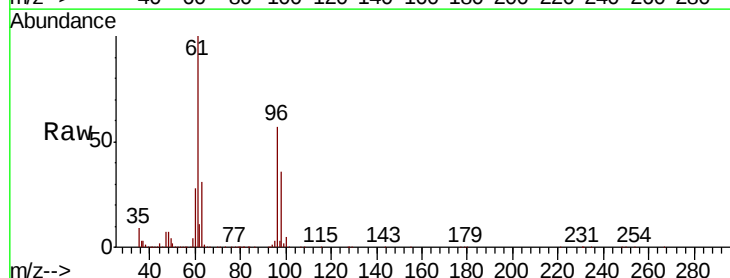
#21
 Allvl Chloride
 Concen: 11.369 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 6 May 2021 19:55

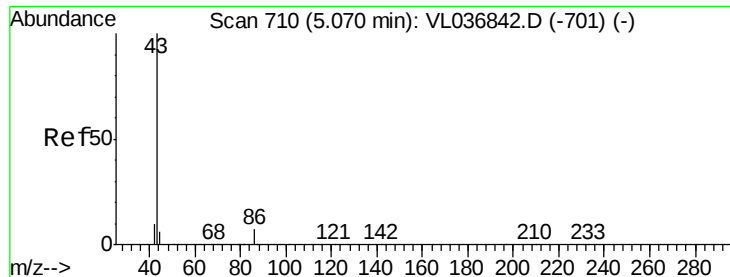
Tot Ion: 41 Resp: 1128720
 Ion Ratio Lower Upper
 41 100
 76 28.3 22.4 33.6
 39 82.3 68.4 102.6



#22
 trans-1,2-Dichloroethene
 Concen: 10.487 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

Tgt Ion: 96 Resp: 609975
 Ion Ratio Lower Upper
 96 100
 61 174.4 138.6 207.8
 98 63.6 48.1 72.1





#23

Vinyl Acetate

Concen: 13.911 ppbv

RT: 5.08 Instrument: MSVOA_1

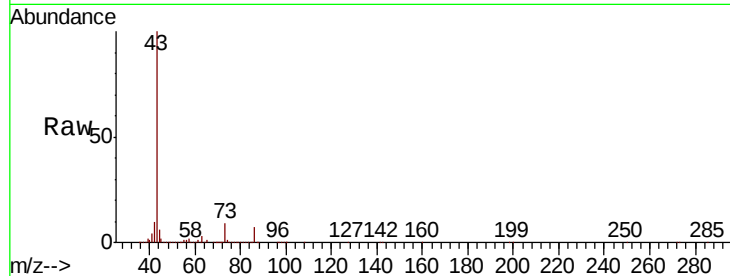
Delta R.T.

Lab File: ClientSampleId:

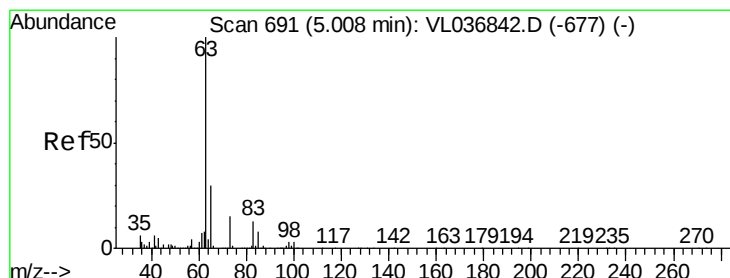
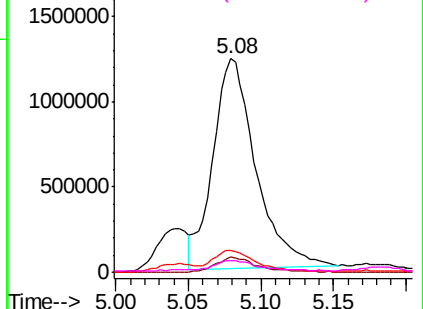
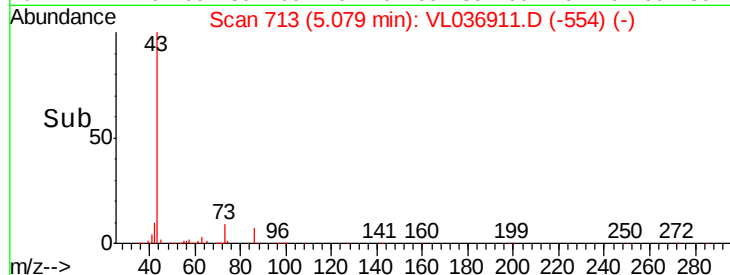
Acq: 6 May 2021 19:53 VSTDCCC010EC

Tot Ion: 43 Resp: 2528168

Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.3	7.9
42	10.2	8.7	13.1
44	5.0	3.9	5.9



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 86.10 (85.80 to 86.80): VL0
Ion 42.10 (41.80 to 42.80): VL0
Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 13.581 ppbv

RT: 5.02 min Scan# 694

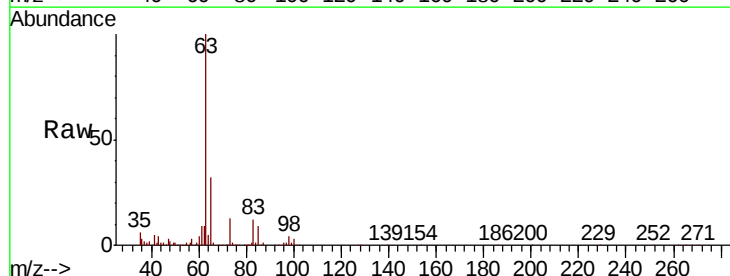
Delta R.T. 0.01 min

Lab File: VL036911.D

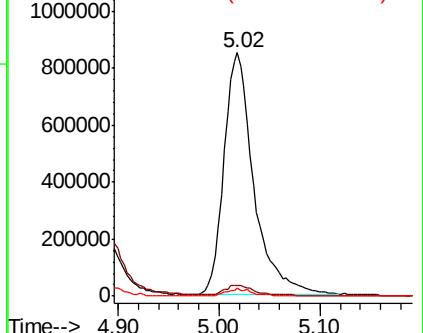
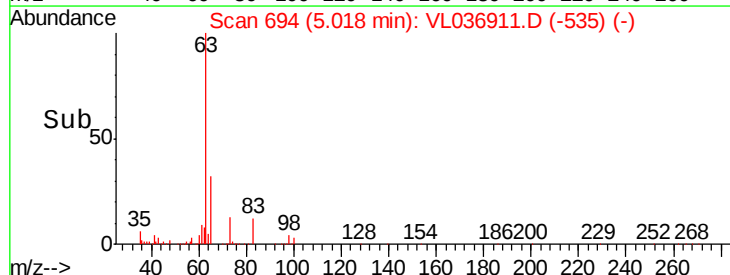
Acq: 6 May 2021 19:53

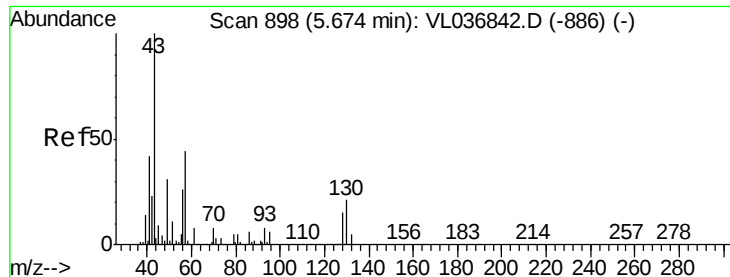
Tgt Ion: 63 Resp: 1752159

Ion	Ratio	Lower	Upper
63	100		
98	4.2	1.7	5.1
100	3.3	1.3	3.8



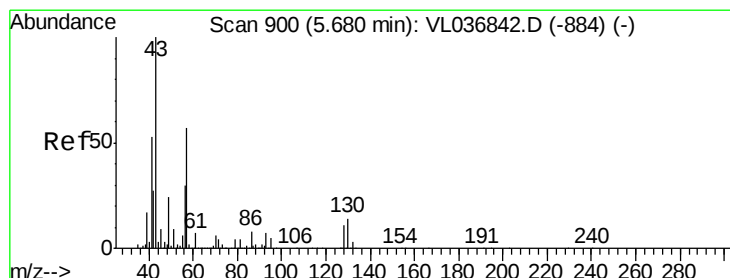
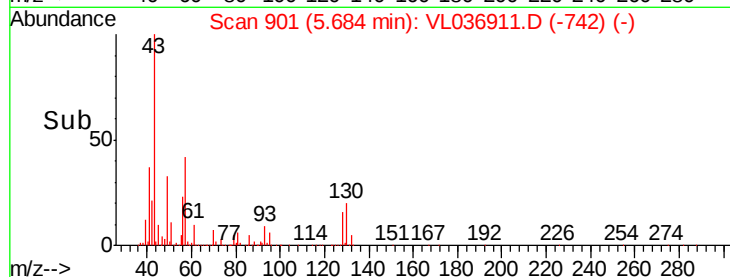
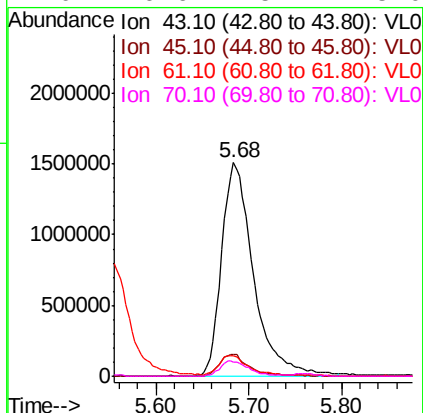
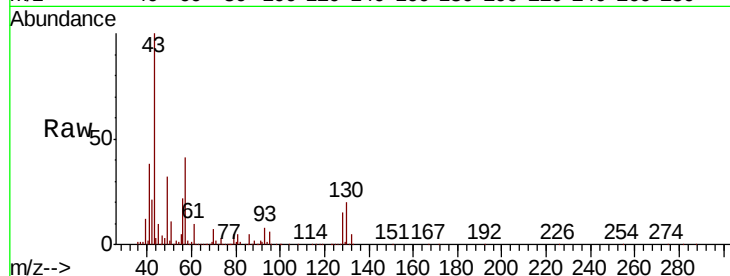
Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





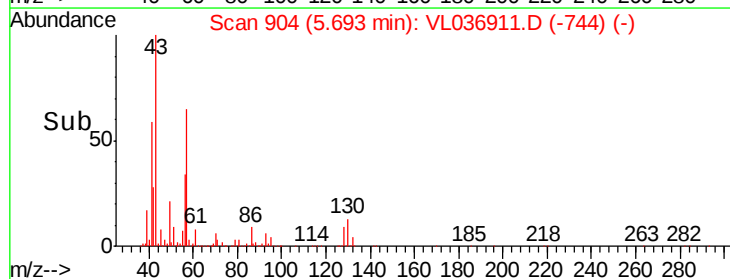
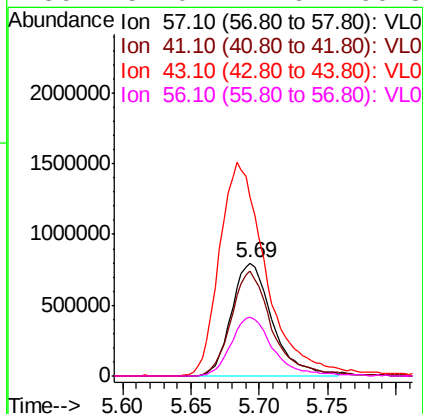
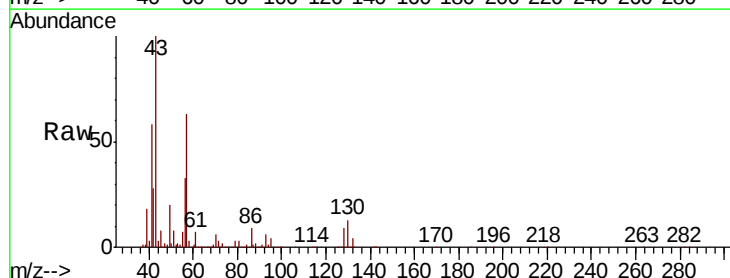
#25
Ethyl Acetate
Concen: 11.026 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 6 May 2021 19:55

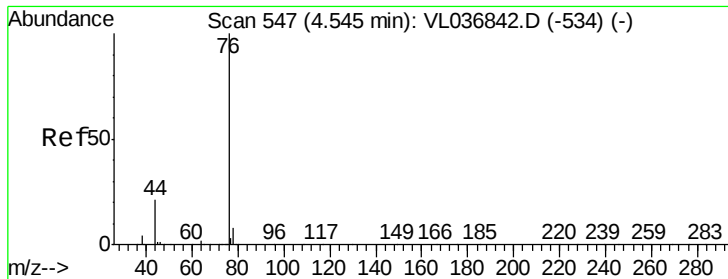
Tot Ion:	43	Resp:	3598315
Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.8	11.8
61	9.4	7.4	11.0
70	6.6	5.4	8.0



#26
Hexane
Concen: 10.875 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion:	57	Resp:	1660450
Ion	Ratio	Lower	Upper
57	100		
41	94.1	77.7	116.5
43	219.0	180.5	270.7
56	54.0	44.6	66.8





#27

Carbon Disulfide

Concen: 12.451 ppbv

RT: 4.56 Instrument: MSVOA_1

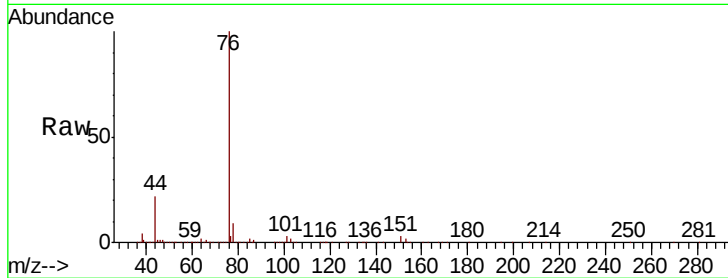
Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010EC

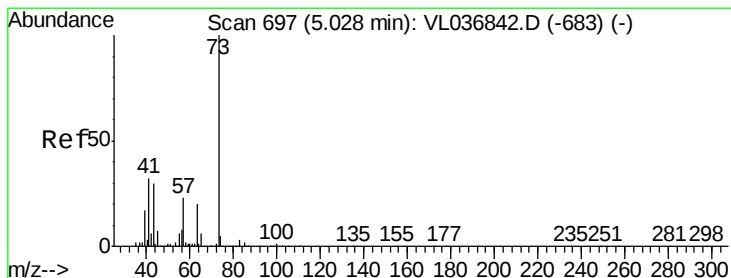
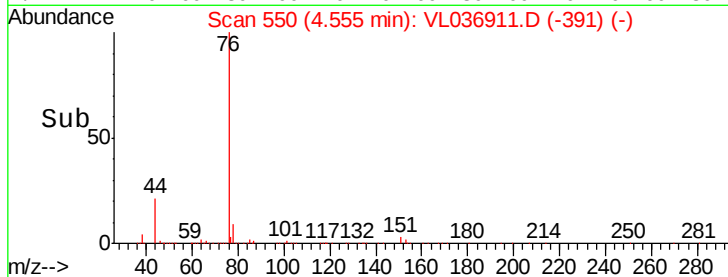
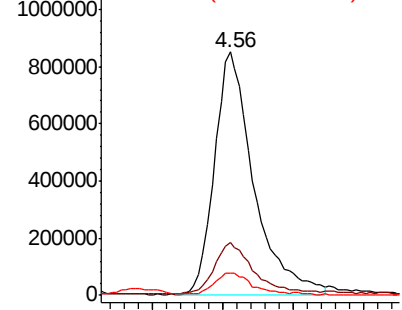
Acq: 6 May 2021 19:53

Tot Ion: 76 Resp: 1651256

Ion	Ratio	Lower	Upper
76	100		
44	21.8	16.9	25.3
78	10.0	7.9	11.9



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



#28

Methyl tert-Butyl Ether

Concen: 14.525 ppbv

RT: 5.04 min Scan# 701

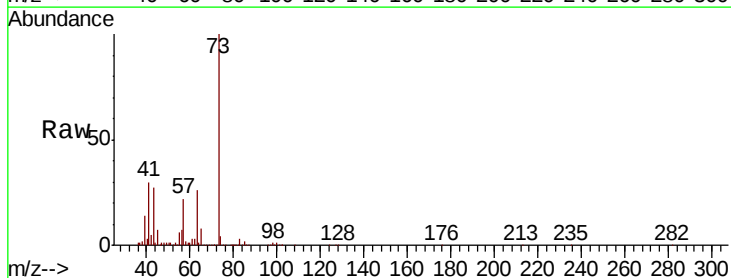
Delta R.T. 0.01 min

Lab File: VL036911.D

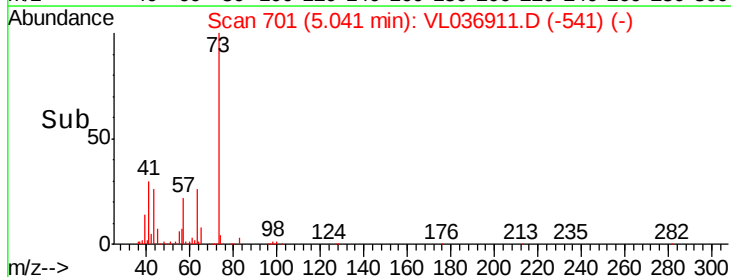
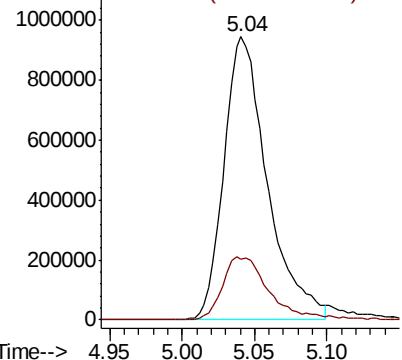
Acq: 6 May 2021 19:53

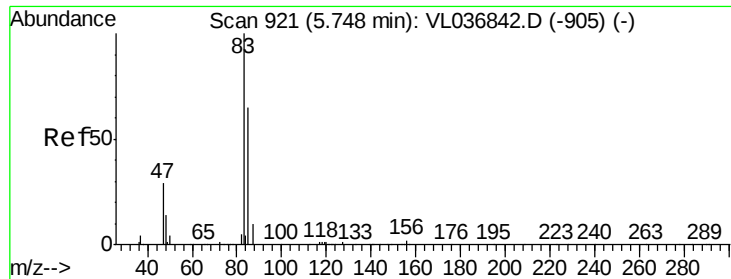
Tgt Ion: 73 Resp: 1965832

Ion	Ratio	Lower	Upper
73	100		
57	24.3	19.0	28.6



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





#29

Chloroform

Concen: 10.931 ppbv

RT: 5.76 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

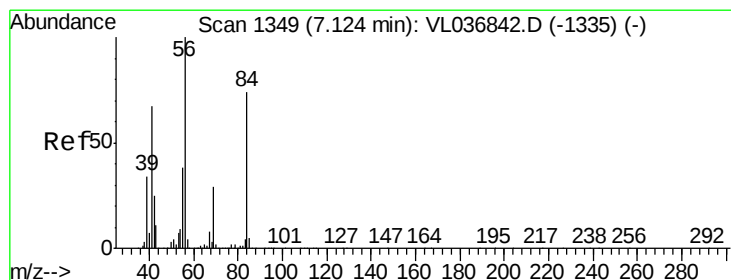
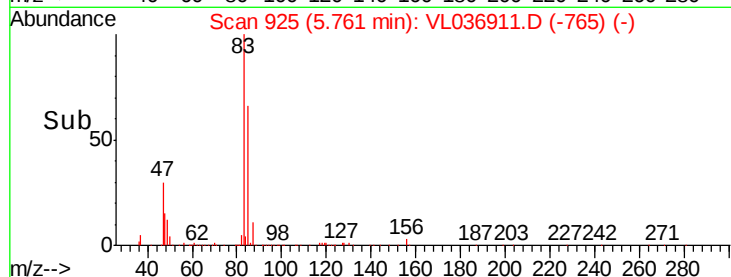
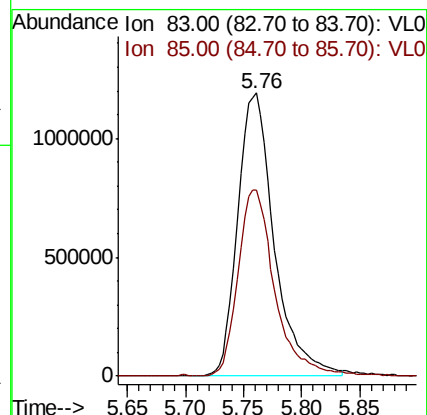
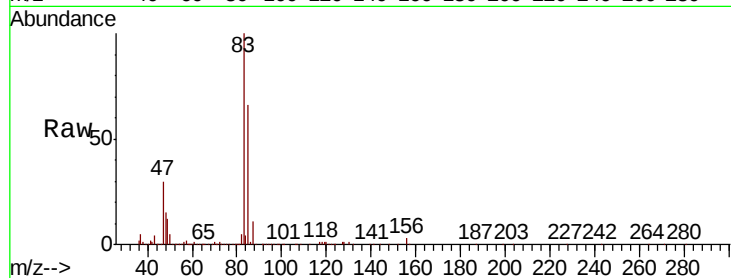
Acq: 6 May 2021 19:55 VSTDCCC010EC

Tot Ion: 83 Resp: 2601937

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.4



#30

Cyclohexane

Concen: 11.815 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

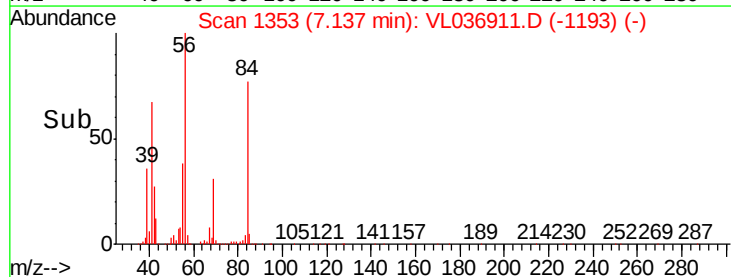
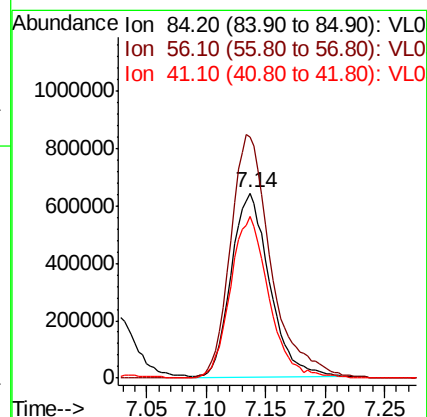
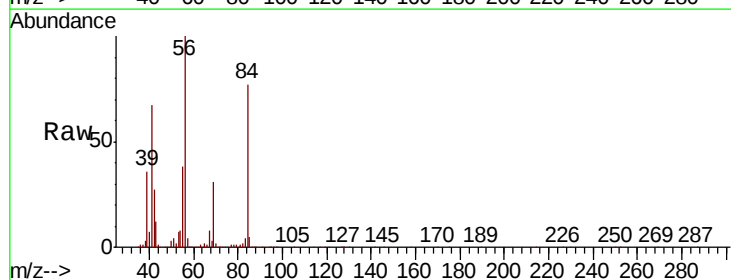
Tgt Ion: 84 Resp: 1430609

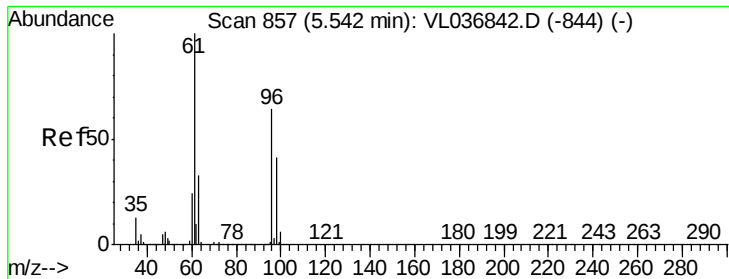
Ion Ratio Lower Upper

84 100

56 141.1 115.8 173.6

41 88.6 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 12.038 ppbv

RT: 5.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 6 May 2021 19:55

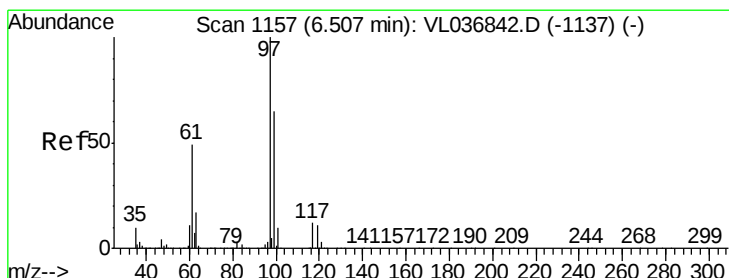
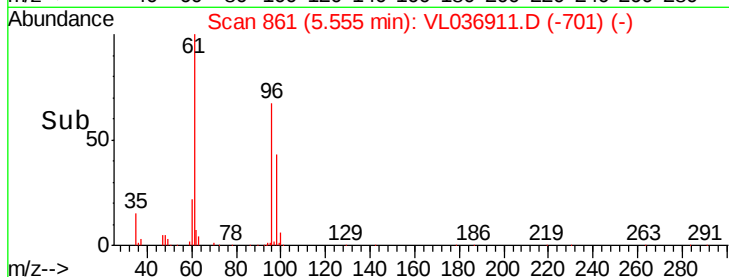
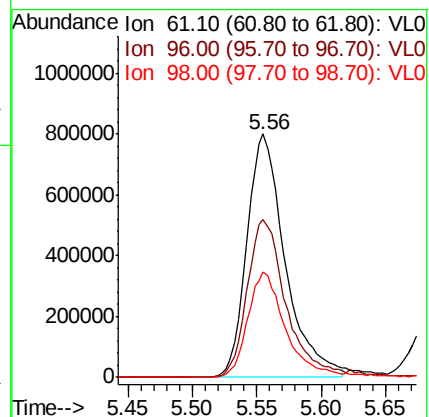
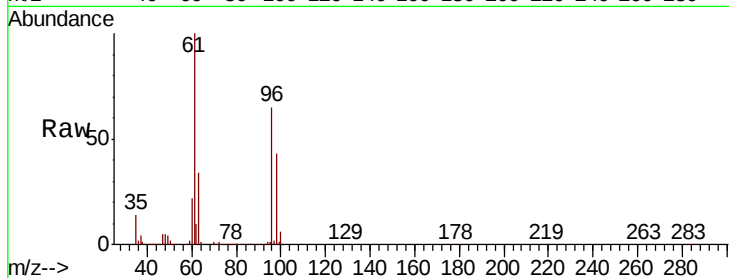
Tot Ion: 61 Resp: 1649901

Ion Ratio Lower Upper

61 100

96 64.8 51.0 76.6

98 43.1 32.7 49.1



#32

1,1,1-Trichloroethane

Concen: 11.047 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

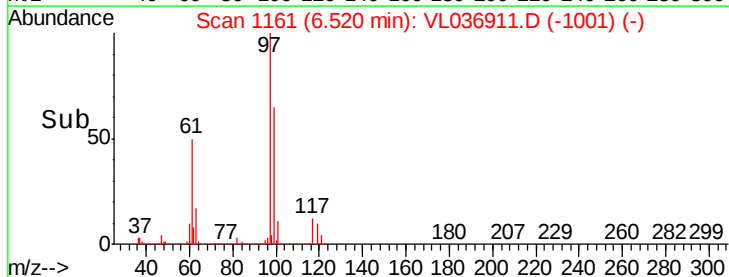
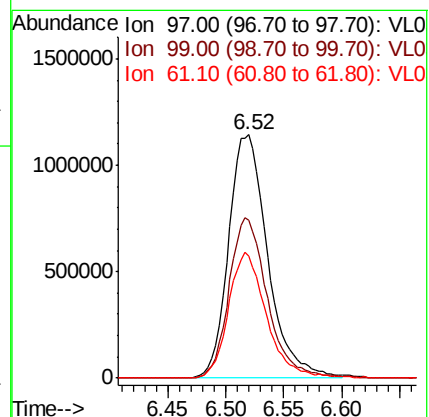
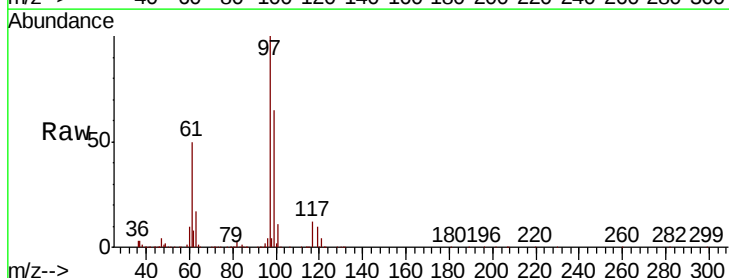
Tgt Ion: 97 Resp: 2674059

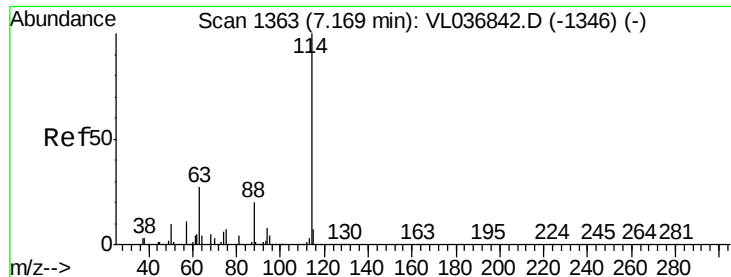
Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.6

61 50.2 40.8 61.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Instrument: MSVOA_1

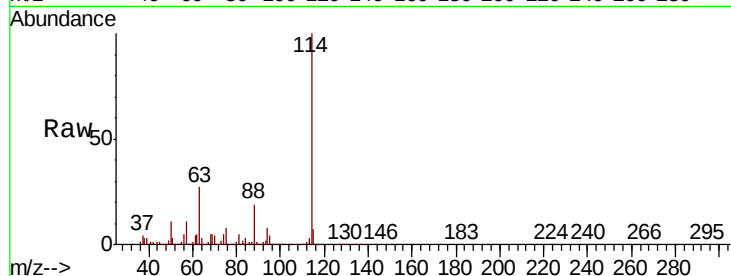
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 6 May 2021 19:53

Tot Ion:114 Resp: 3657553

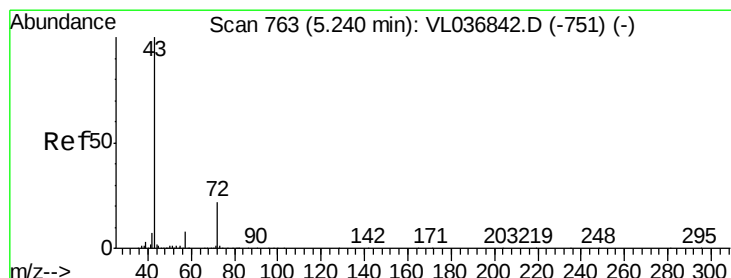
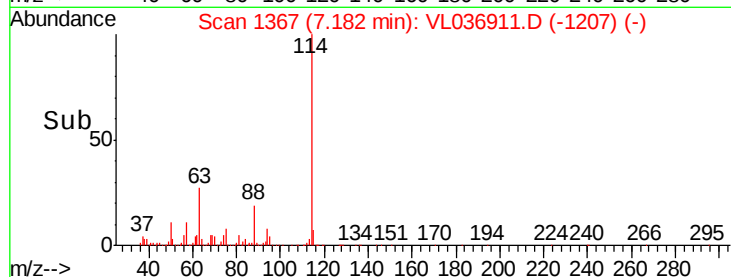
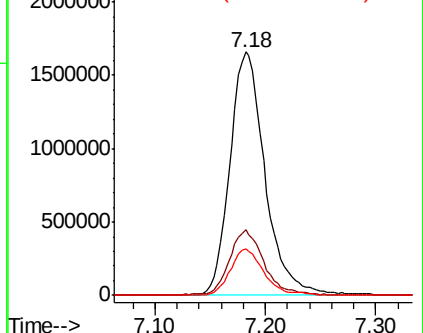
Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.9	32.9
88	18.6	15.1	22.7



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: 11.072 ppbv

RT: 5.25 min Scan# 767

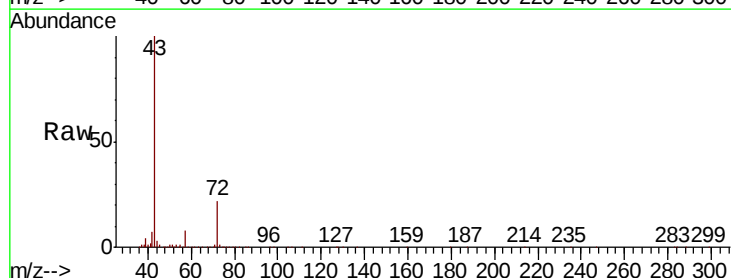
Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

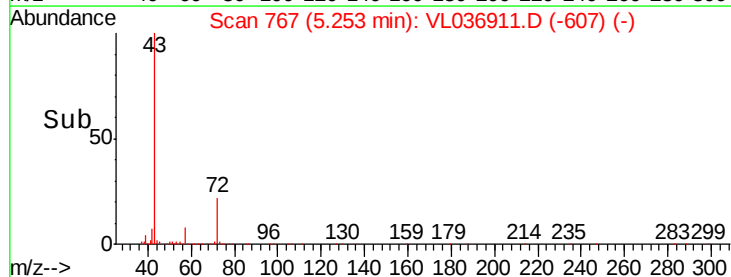
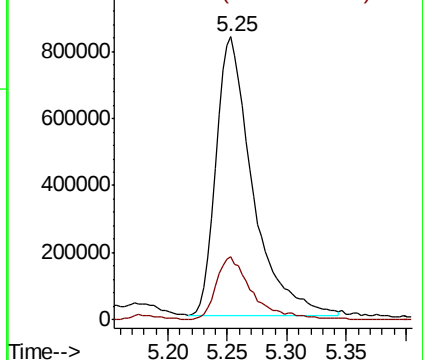
Tgt Ion: 43 Resp: 1774023

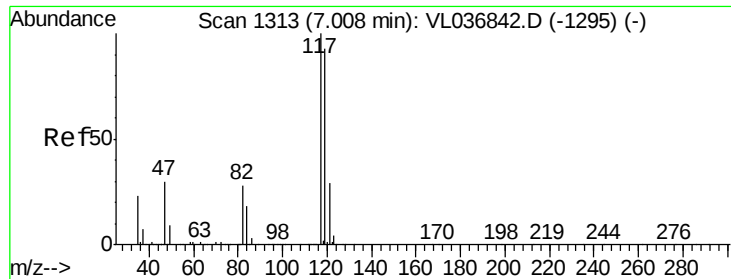
Ion	Ratio	Lower	Upper
43	100		
72	22.9	17.6	26.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

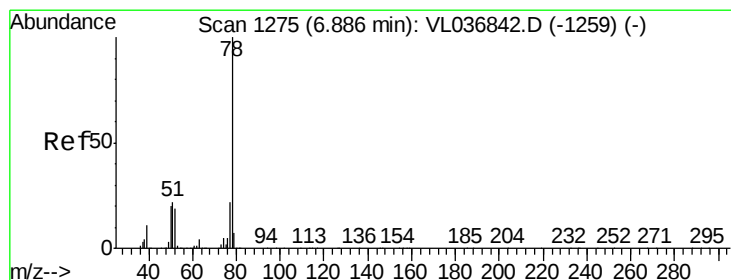
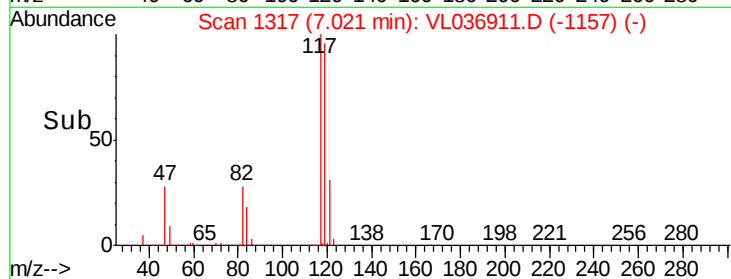
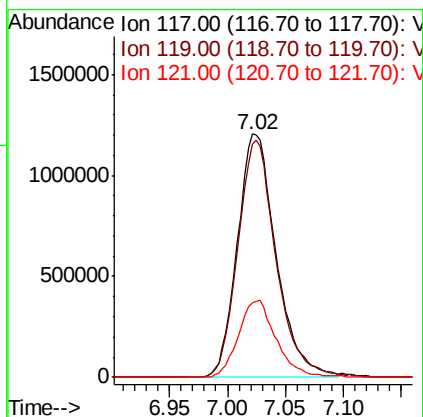
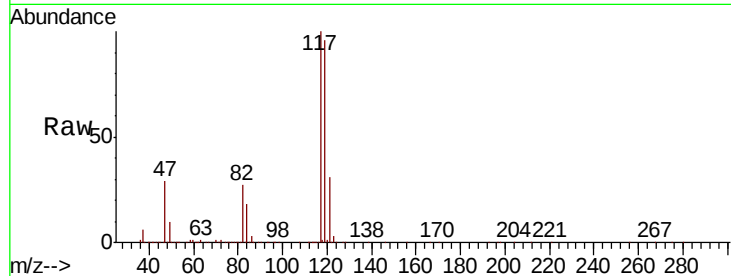




#35
Carbon Tetrachloride
Concen: 11.271 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 6 May 2021 19:53

Tot Ion:117 Resp: 2797175

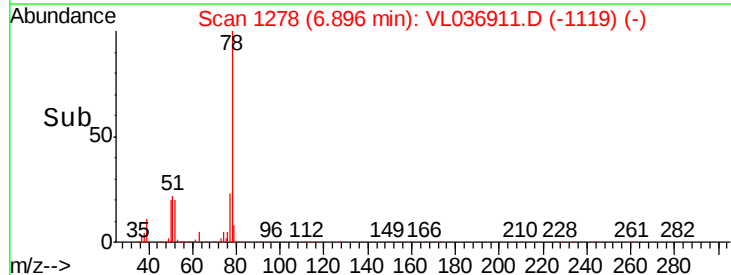
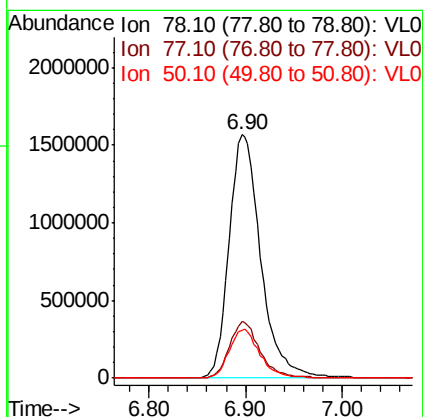
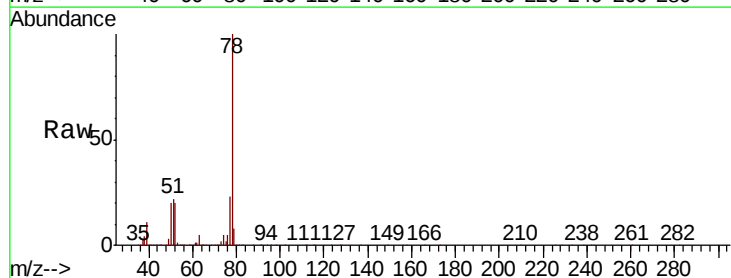
Ion	Ratio	Lower	Upper
117	100		
119	95.7	74.6	111.8
121	30.6	23.3	34.9

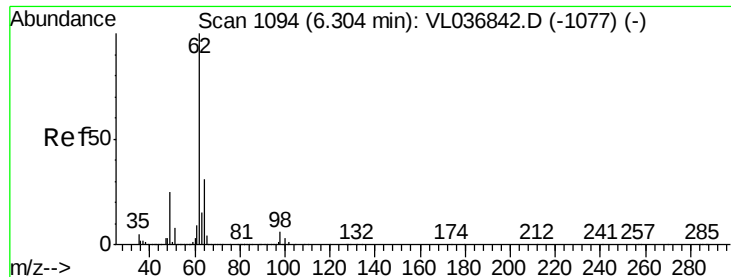


#36
Benzene
Concen: 11.544 ppbv
RT: 6.90 min Scan# 1278
Delta R.T.: 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion: 78 Resp: 3557441

Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.6	26.4
50	19.8	16.3	24.5





#37

1,2-Dichloroethane

Concen: 11.266 ppbv

RT: 6.31 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

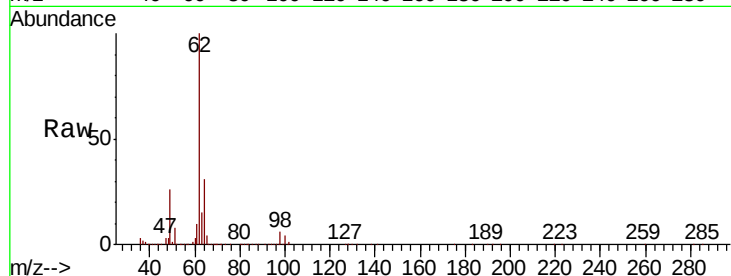
Acq: 6 May 2021 19:55

Tot Ion: 62 Resp: 1965977

Ion Ratio Lower Upper

62 100

98 6.5 4.8 7.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

6.31

1000000

800000

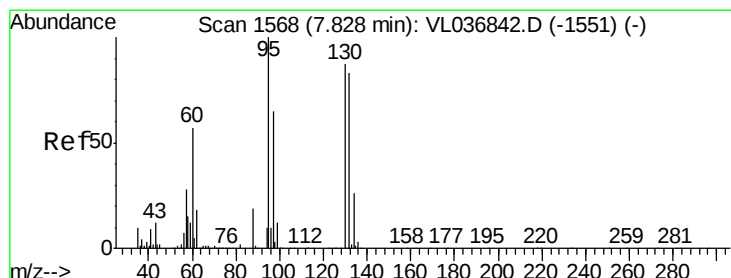
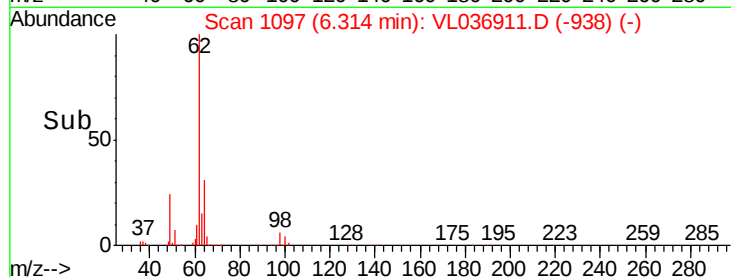
600000

400000

200000

0

Time-->



#38

Trichloroethene

Concen: 11.543 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

Tgt Ion:130 Resp: 1266514

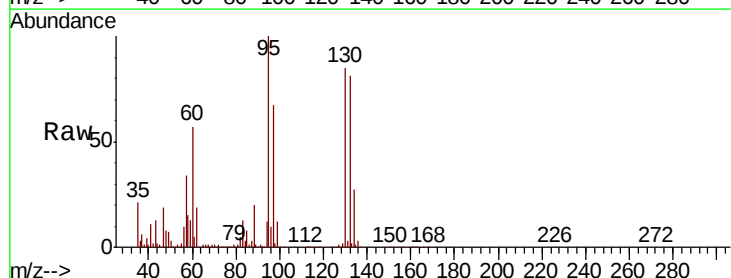
Ion Ratio Lower Upper

130 100

95 118.3 92.3 138.5

132 95.9 76.8 115.2

97 78.7 60.0 90.0



Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

1000000

800000

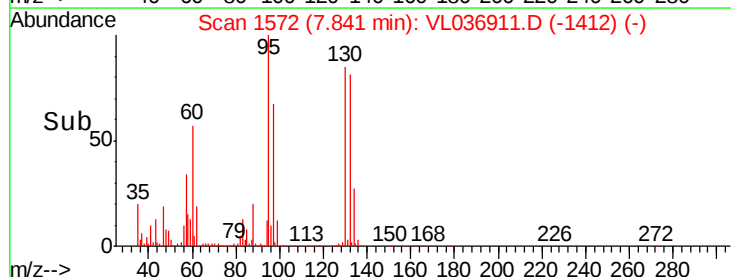
600000

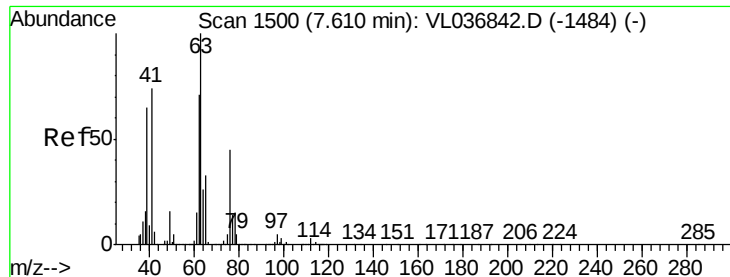
400000

200000

0

Time-->





#39

1,2-Dichloropropane

Concen: 11.135 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 19:55 VSTDCCC010EC

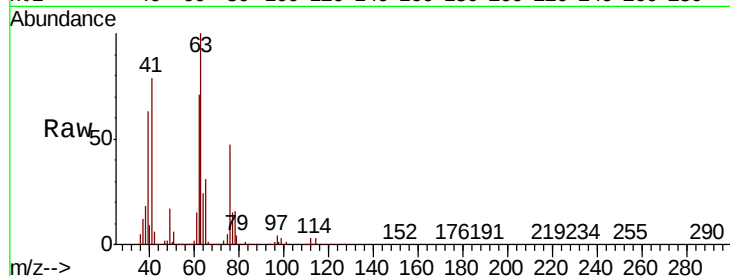
Tot Ion: 63 Resp: 1374695

Ion Ratio Lower Upper

63 100

41 79.0 59.1 88.7

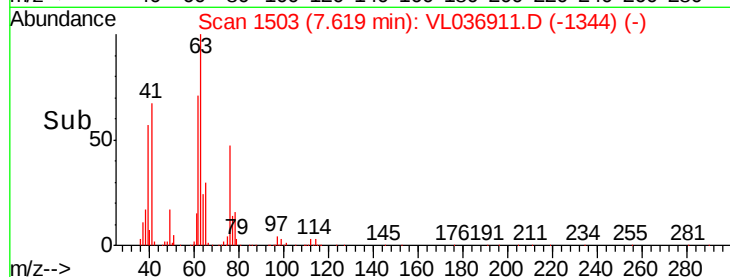
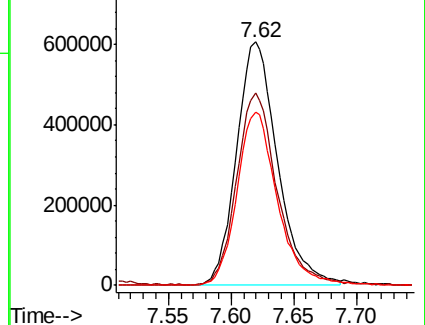
62 71.3 56.9 85.3



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: 10.962 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

Tgt Ion: 88 Resp: 326800

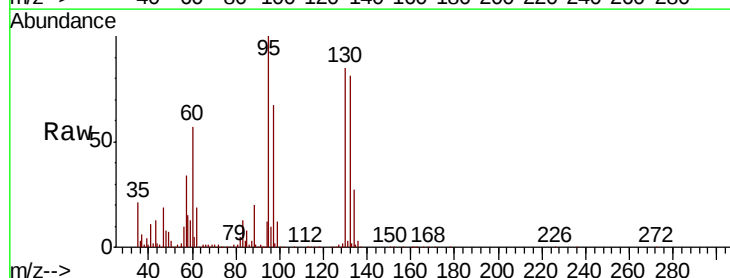
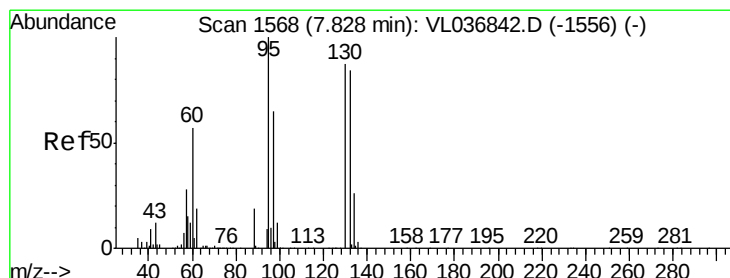
Ion Ratio Lower Upper

88 100

58 169.3 132.6 198.8

43 404.7 331.5 497.3

57 1803.3 1457.4 2186.0

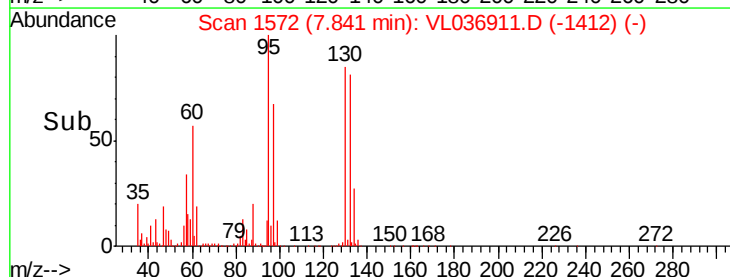
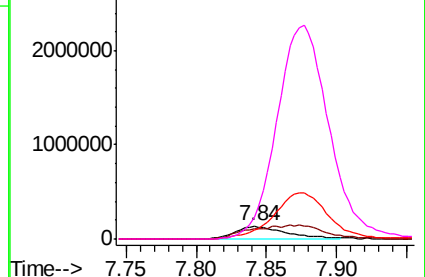


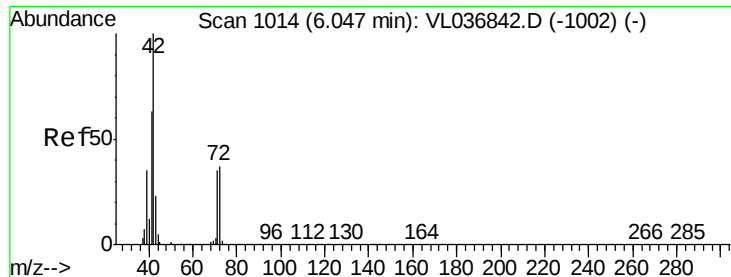
Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 12.238 ppbv

RT: 6.06 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

VSTDCCC010EC

Acq: 6 May 2021 19:55

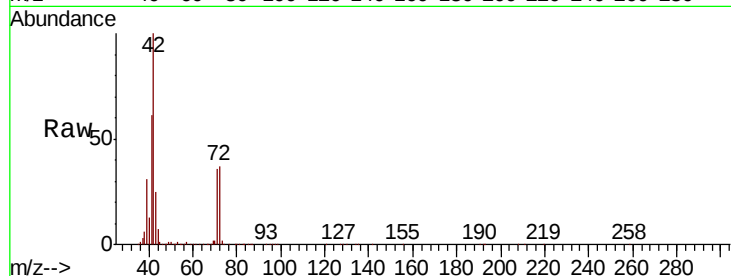
Tot Ion: 42 Resp: 857687

Ion Ratio Lower Upper

42 100

72 38.3 29.7 44.5

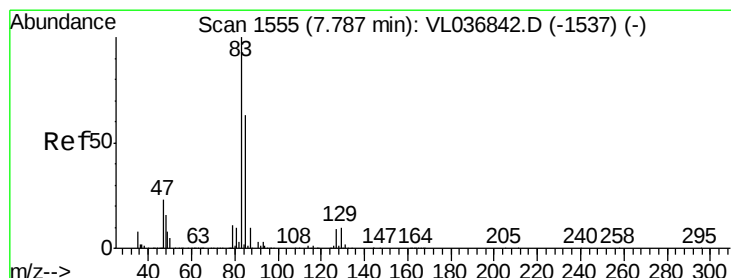
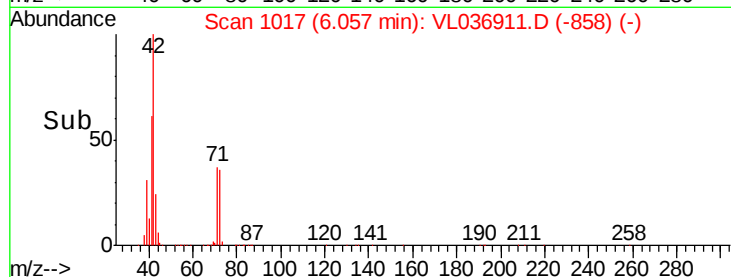
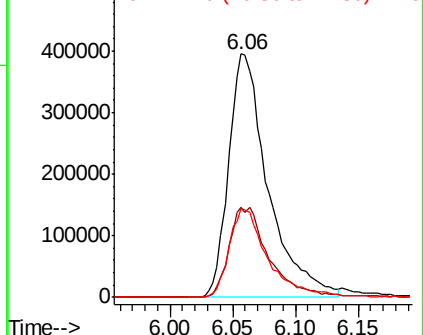
71 36.5 29.0 43.6



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: 11.624 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

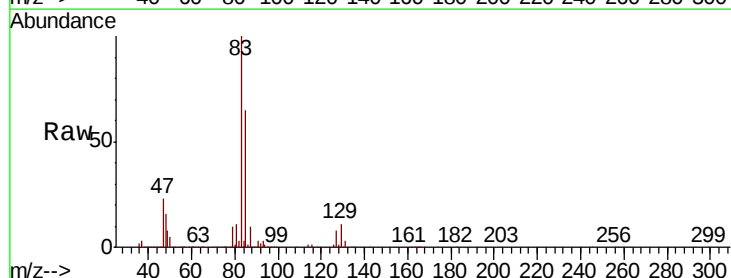
Tgt Ion: 83 Resp: 2818373

Ion Ratio Lower Upper

83 100

85 65.0 50.4 75.6

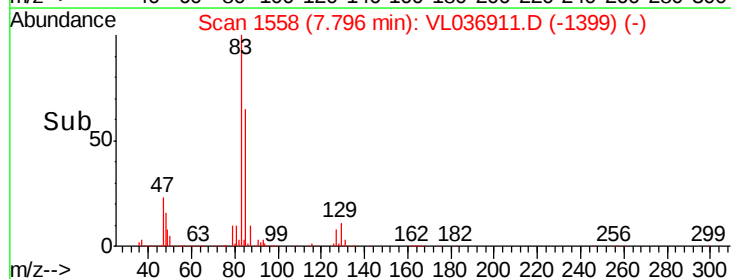
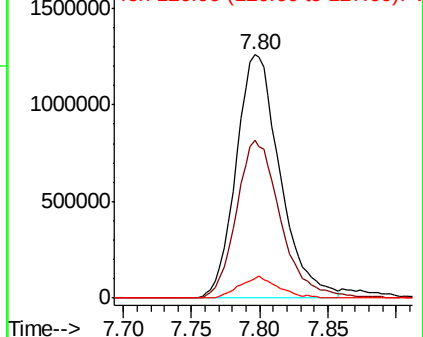
127 8.0 6.9 10.3

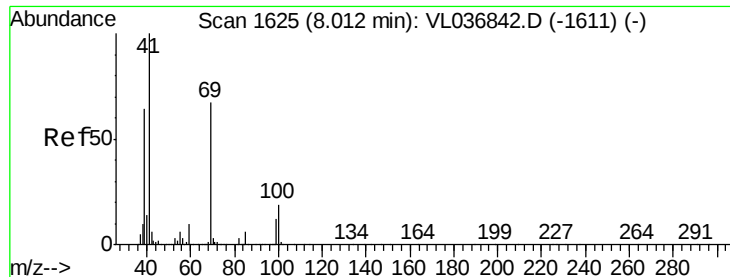


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

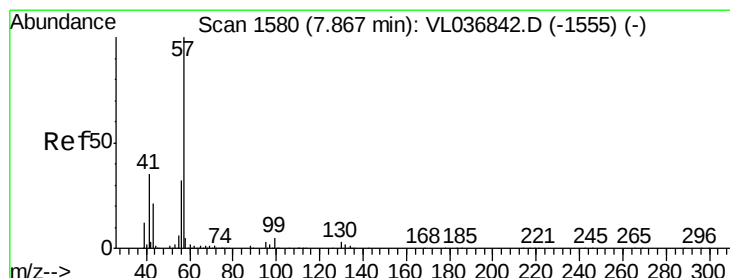
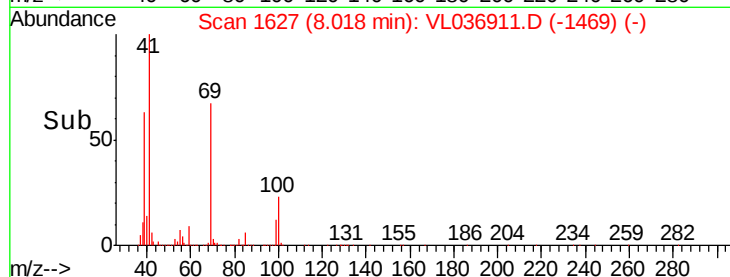
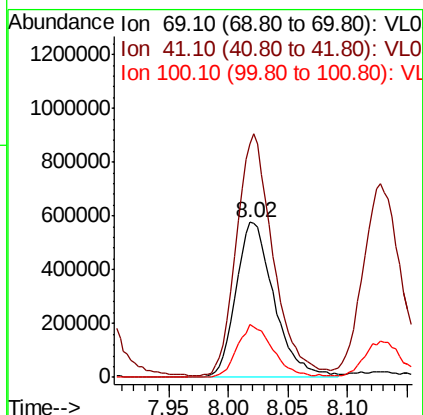
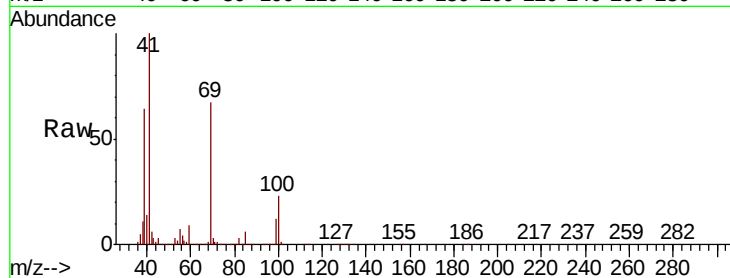
Ion 126.90 (126.60 to 127.60): V





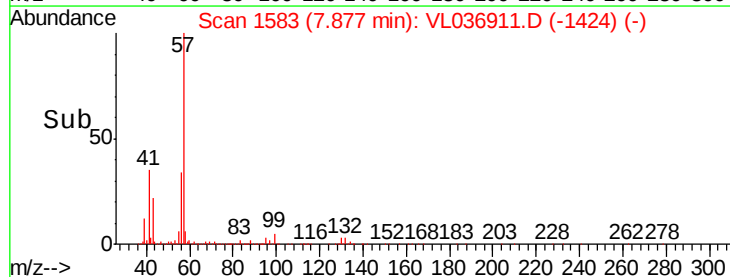
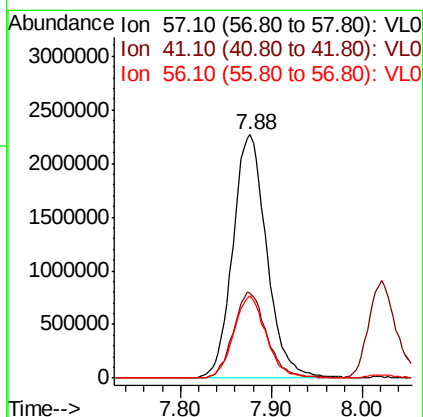
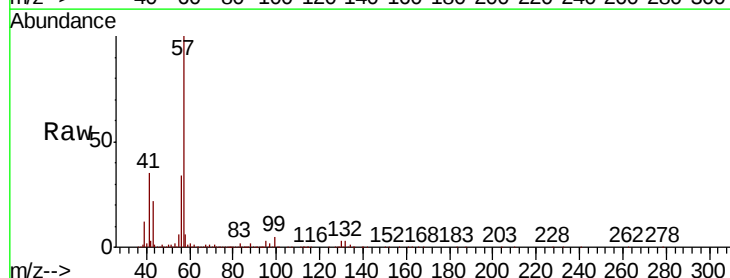
#43
Methyl Methacrylate
Concen: 12.752 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 6 May 2021 19:55

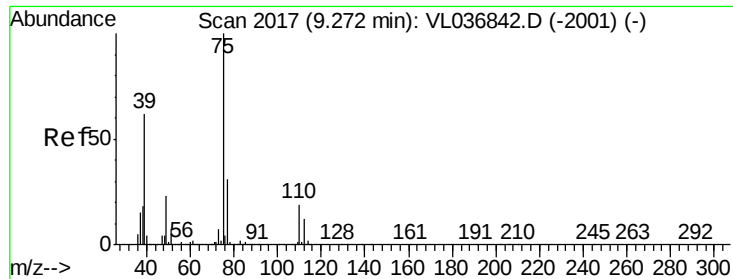
Tot Ion: 69 Resp: 1282280
Ion Ratio Lower Upper
69 100
41 151.3 124.2 186.4
100 32.1 25.5 38.3



#44
2,2,4-Trimethylpentane
Concen: 11.126 ppbv
RT: 7.88 min Scan# 1583
Delta R.T.: 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

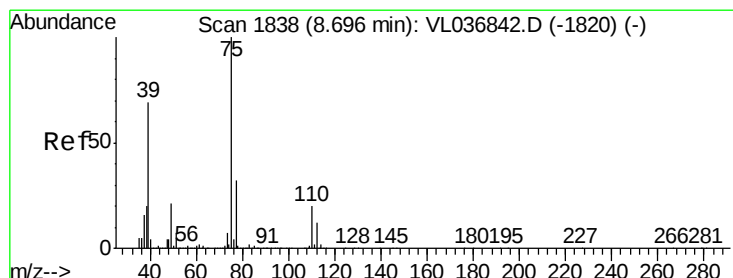
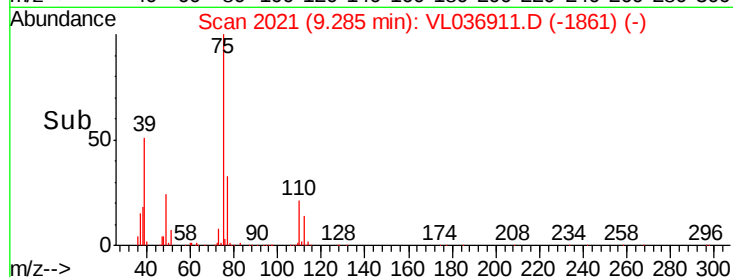
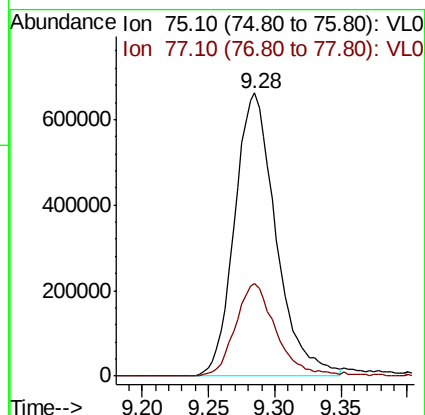
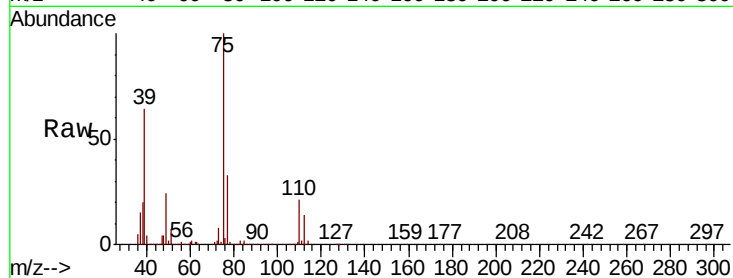
Tgt Ion: 57 Resp: 5875810
Ion Ratio Lower Upper
57 100
41 34.4 28.2 42.4
56 32.4 25.9 38.9





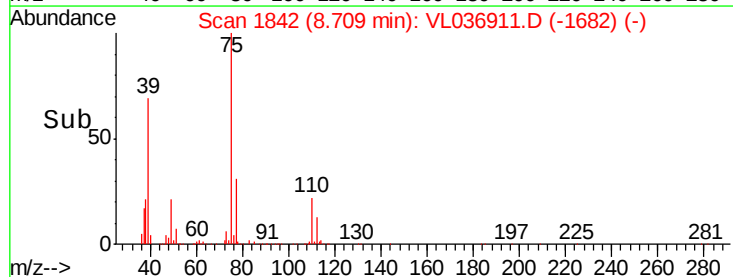
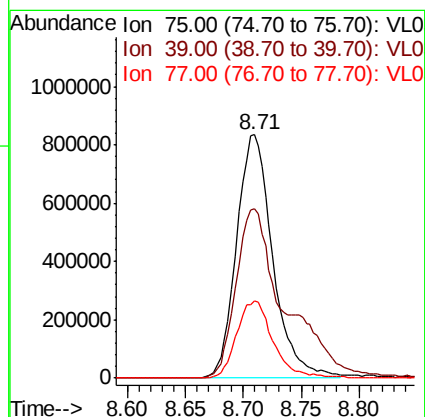
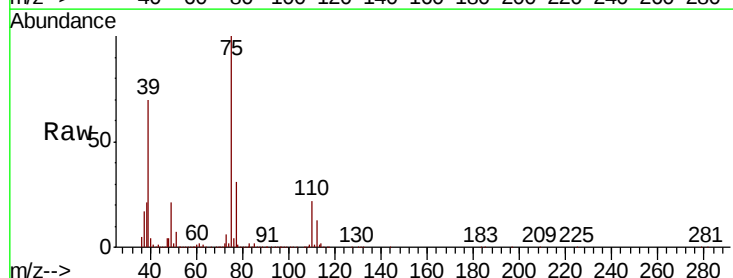
#45
t-1,3-Dichloropropene
Concen: 13.157 ppbv
RT: 9.28
Instrument: MSVOA_L
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 6 May 2021 19:55

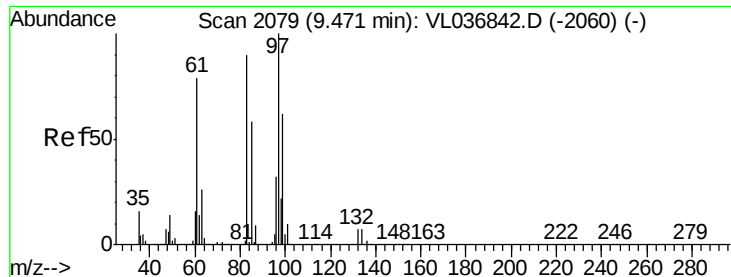
Tot Ion: 75 Resp: 1426215
Ion Ratio Lower Upper
75 100
77 32.7 24.6 37.0



#46
cis-1,3-Dichloropropene
Concen: 13.025 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion: 75 Resp: 1810308
Ion Ratio Lower Upper
75 100
39 69.4 55.4 83.0
77 31.5 25.2 37.8

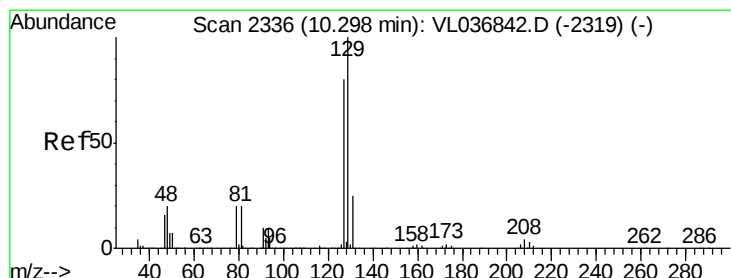
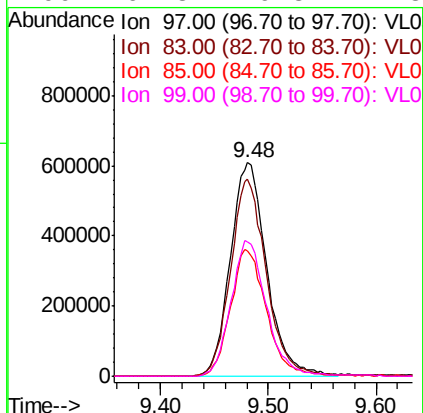
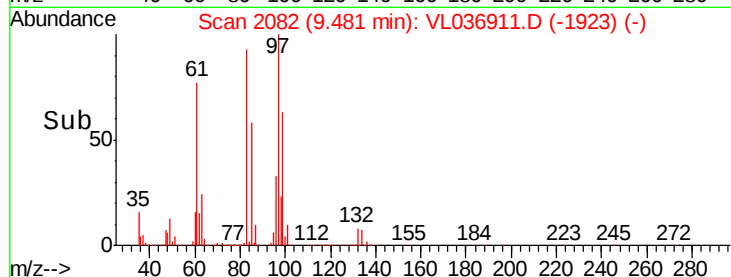
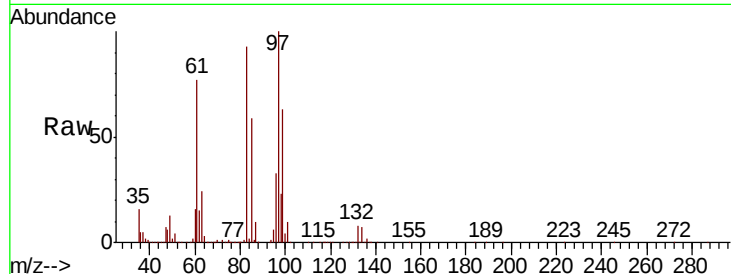




#47
 1,1,2-Trichloroethane
 Concen: 11.195 ppbv
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 ClientSampleId:
 Lab File: VSTDCCC010EC
 Acq: 6 May 2021 19:55

Tot Ion: 97 Resp: 1430923

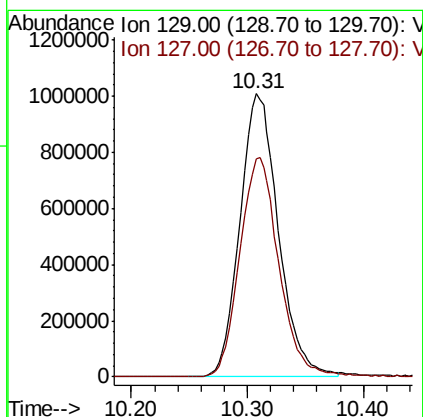
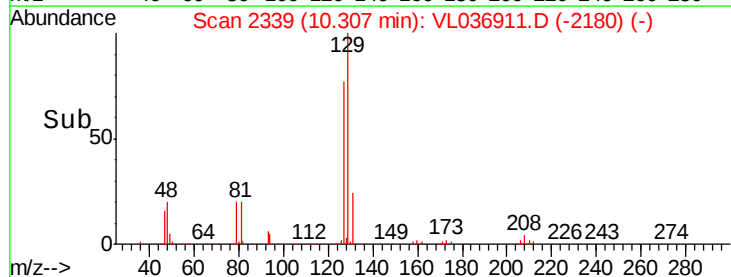
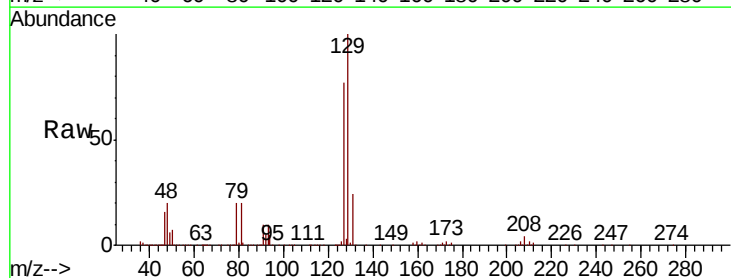
Ion	Ratio	Lower	Upper
97	100		
83	92.5	71.9	107.9
85	58.6	46.5	69.7
99	62.8	49.8	74.8

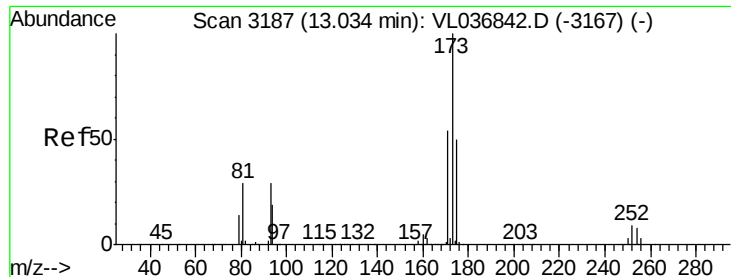


#48
 Dibromochloromethane
 Concen: 12.266 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T.: 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

Tgt Ion: 129 Resp: 2323209

Ion	Ratio	Lower	Upper
129	100		
127	79.2	40.2	120.5





#49

Bromoform

Concen: 12.385 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 19:53

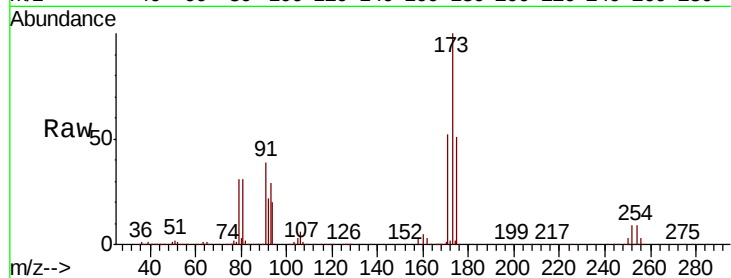
Tot Ion:173 Resp: 1872642

Ion Ratio Lower Upper

173 100

175 49.8 39.6 59.4

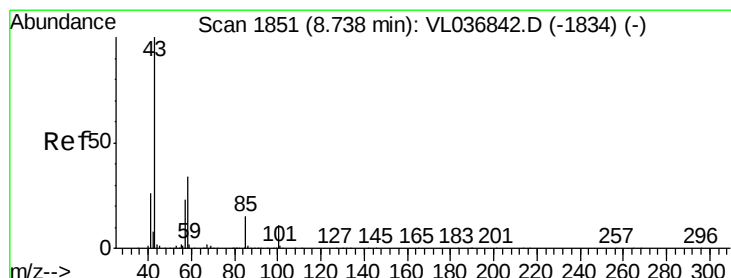
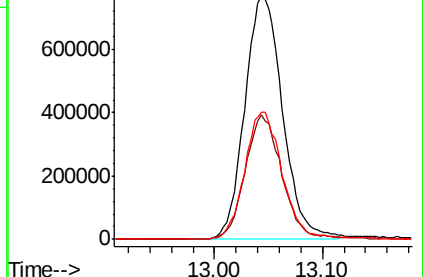
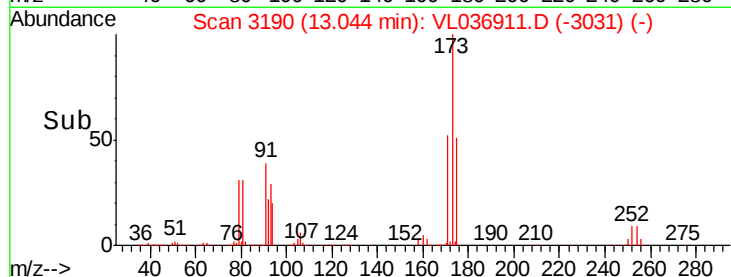
171 52.8 42.2 63.4



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: 11.981 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL036911.D

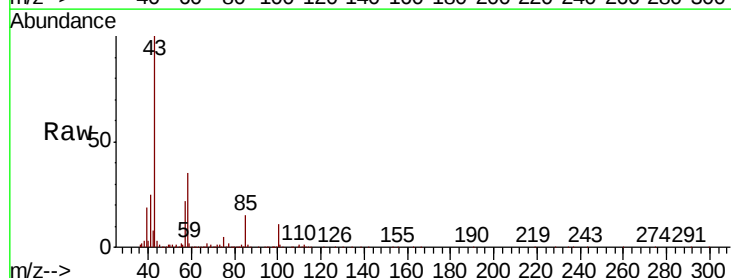
Acq: 6 May 2021 19:53

Tgt Ion: 43 Resp: 2623743

Ion Ratio Lower Upper

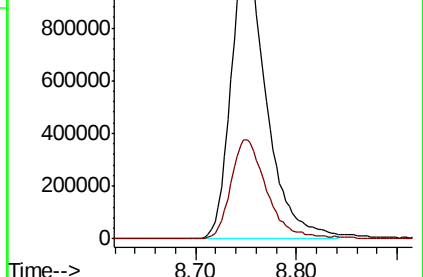
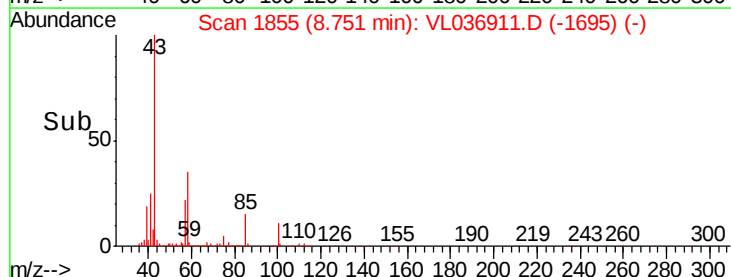
43 100

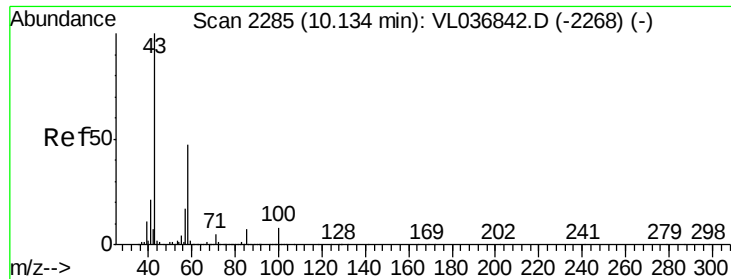
58 35.8 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

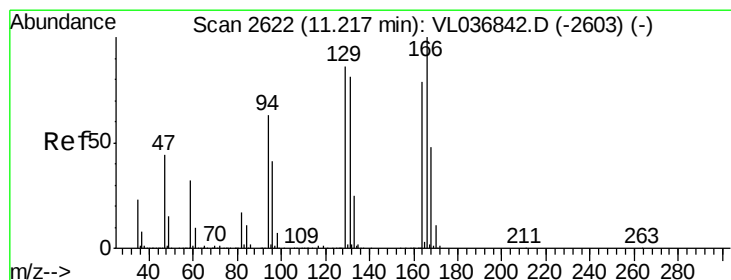
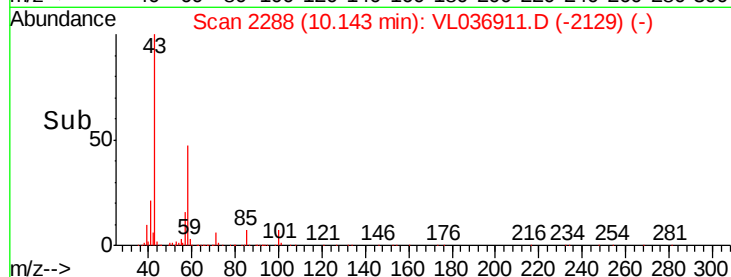
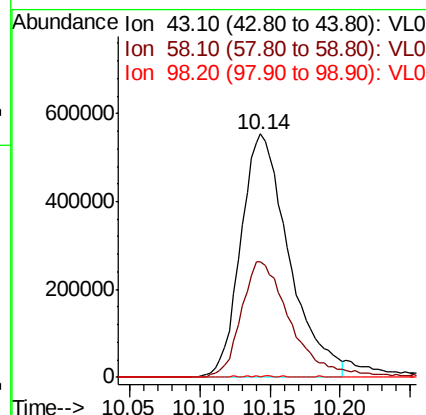
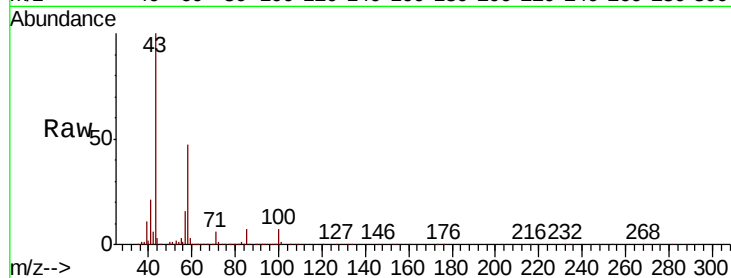




#51
2-Hexanone
Concen: 12.121 ppbv
RT: 10.14 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 6 May 2021 19:55

Tot Ion: 43 Resp: 1323962

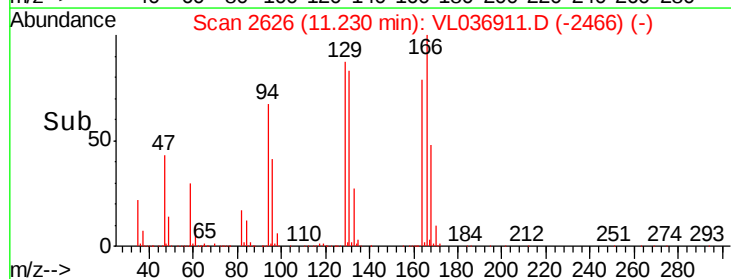
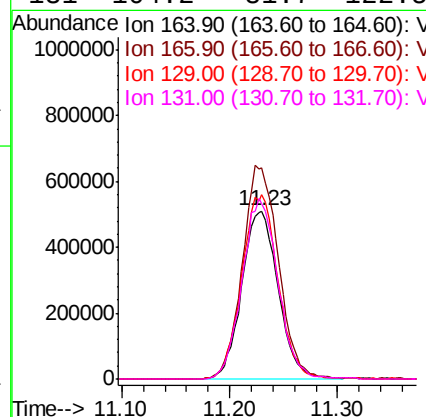
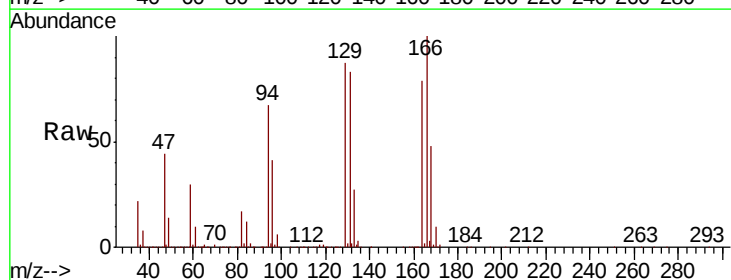
Ion	Ratio	Lower	Upper
43	100		
58	49.4	37.0	55.6
98	0.5	0.2	0.4

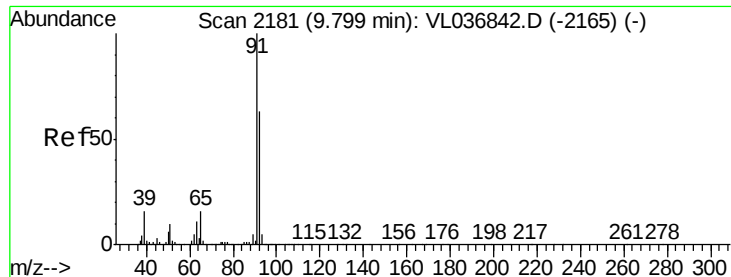


#52
Tetrachloroethene
Concen: 11.397 ppbv
RT: 11.23 min Scan# 2626
Delta R.T.: 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion: 164 Resp: 1195960

Ion	Ratio	Lower	Upper
164	100		
166	126.0	100.9	151.3
129	109.5	87.0	130.4
131	104.2	81.7	122.5





#53

Toluene

Concen: 12.180 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

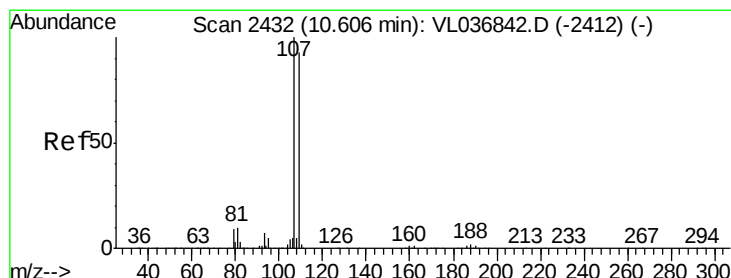
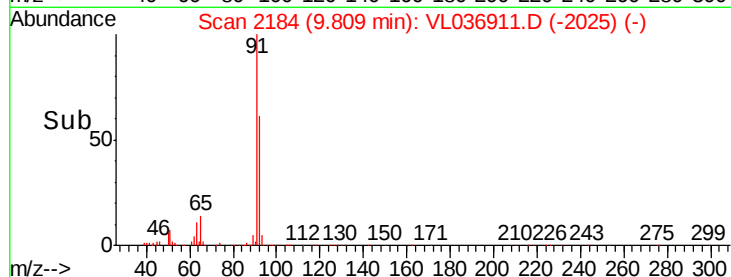
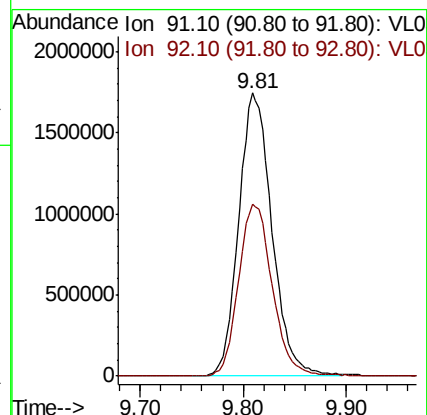
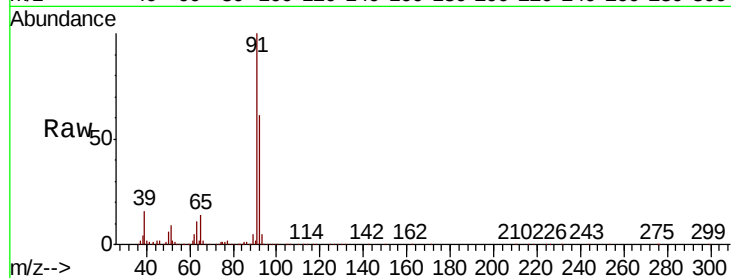
Acq: 6 May 2021 19:53 VSTDCCC010EC

Tot Ion: 91 Resp: 3927690

Ion Ratio Lower Upper

91 100

92 61.8 49.0 73.4



#54

1,2-Dibromoethane

Concen: 11.189 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.01 min

Lab File: VL036911.D

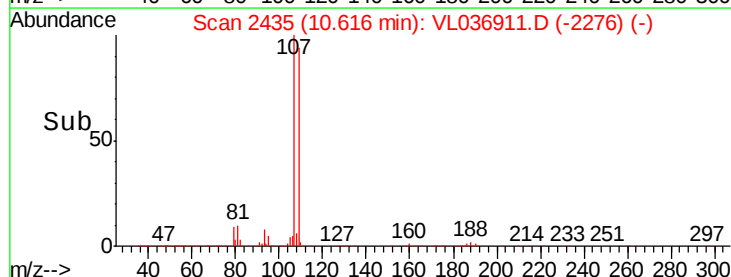
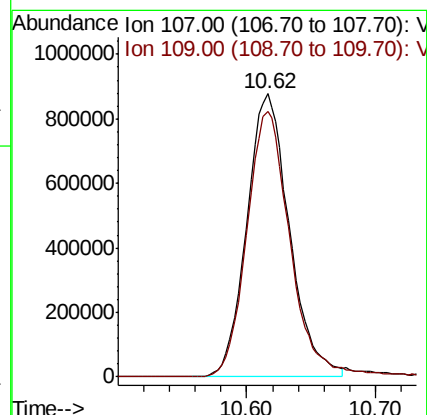
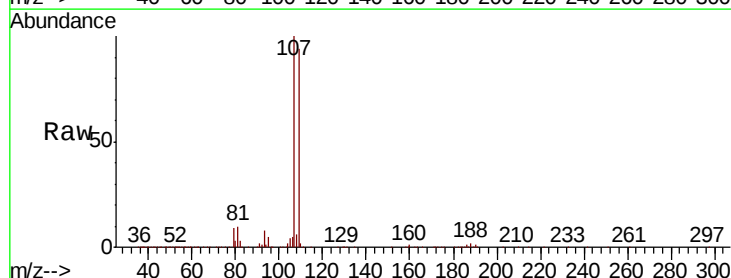
Acq: 6 May 2021 19:53

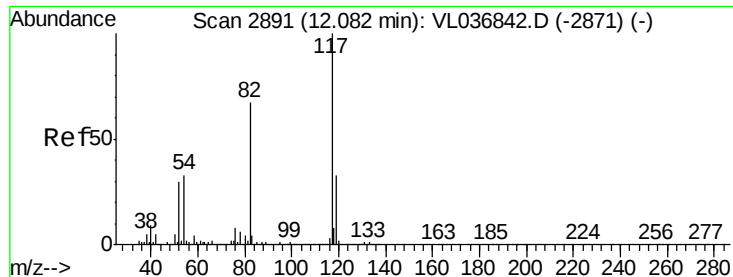
Tgt Ion: 107 Resp: 2019255

Ion Ratio Lower Upper

107 100

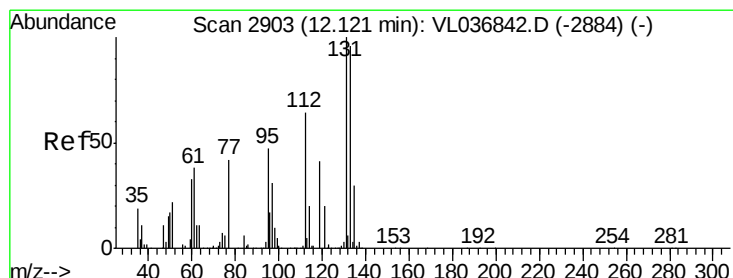
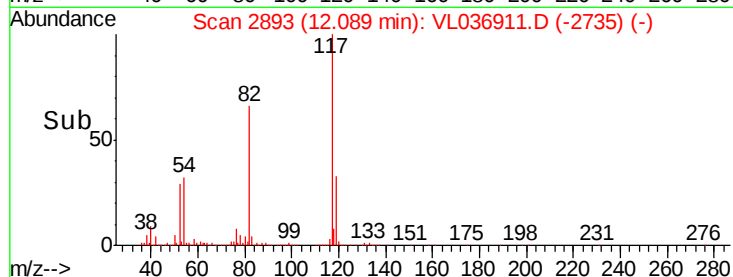
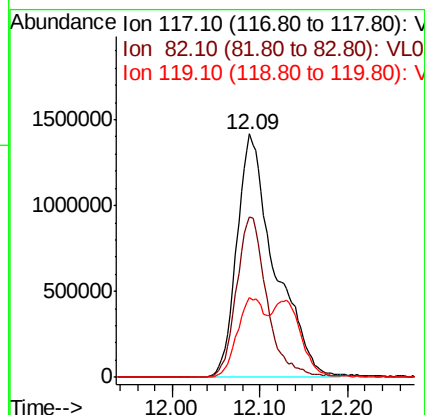
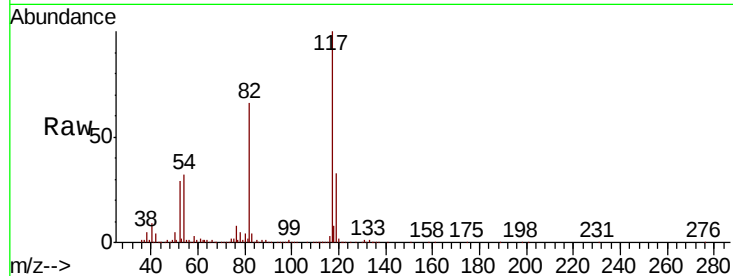
109 93.6 74.7 112.1





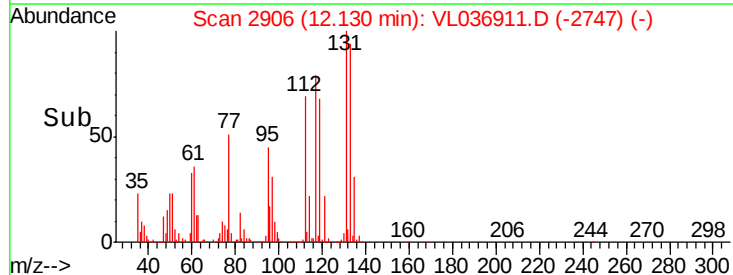
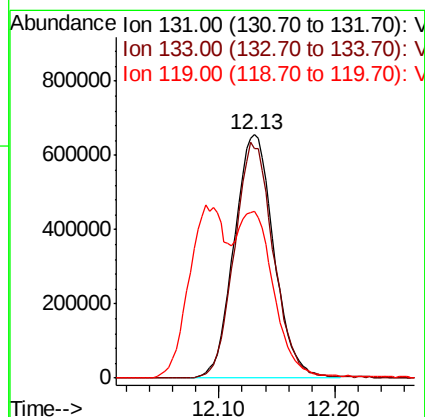
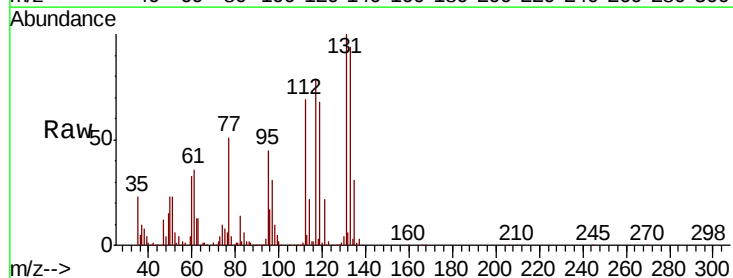
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 6 May 2021 19:53

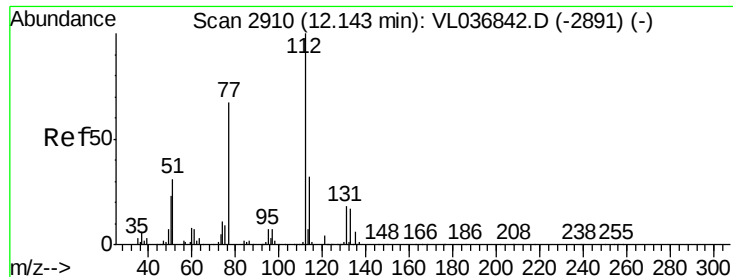
Tot Ion:117 Resp: 4251044
Ion Ratio Lower Upper
117 100
82 53.8 53.5 80.3
119 21.8 25.6 38.4#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.672 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion:131 Resp: 1545553
Ion Ratio Lower Upper
131 100
133 96.3 76.3 114.5
119 68.6 114.9 172.3#

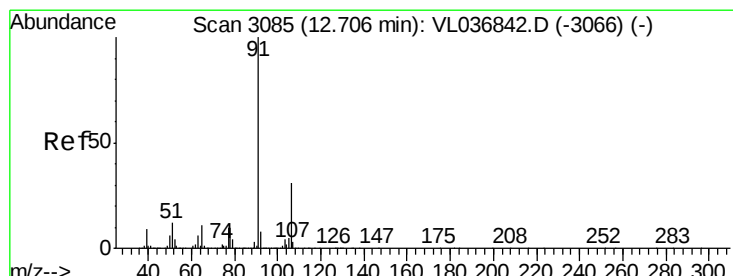
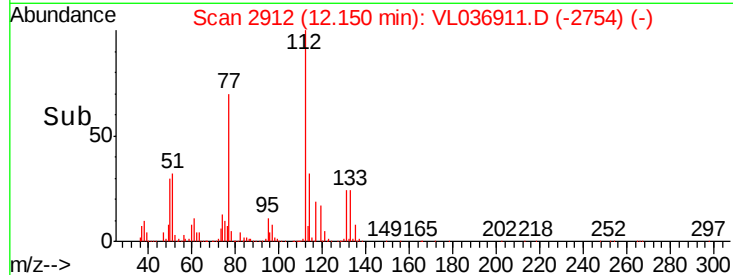
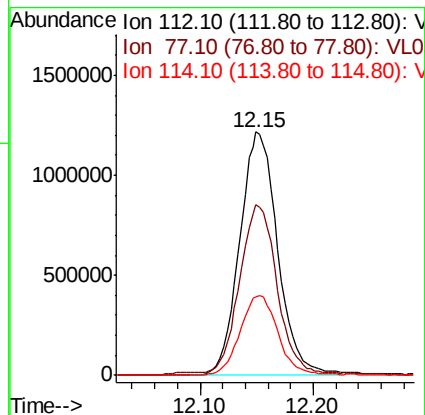
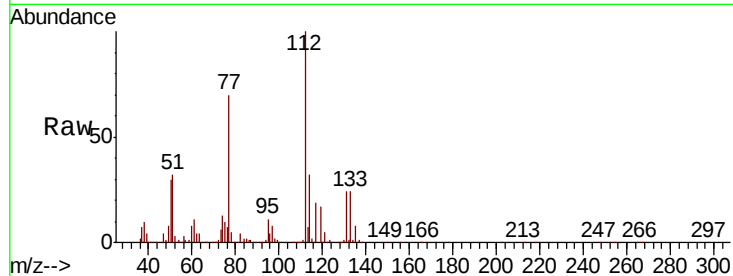




#57
Chlorobenzene
Concen: 8.569 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 6 May 2021 19:55

Tot Ion: 112 Resp: 2837428

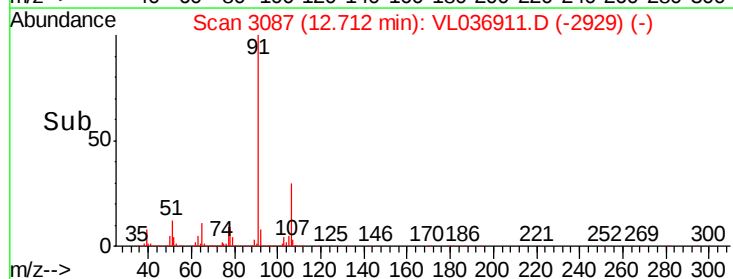
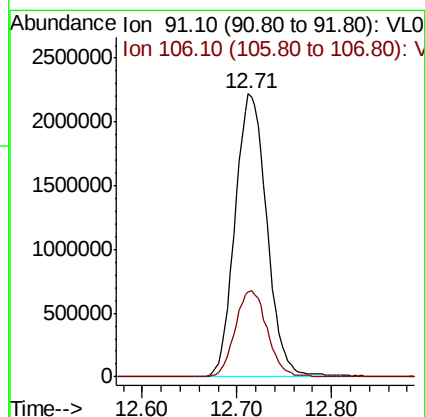
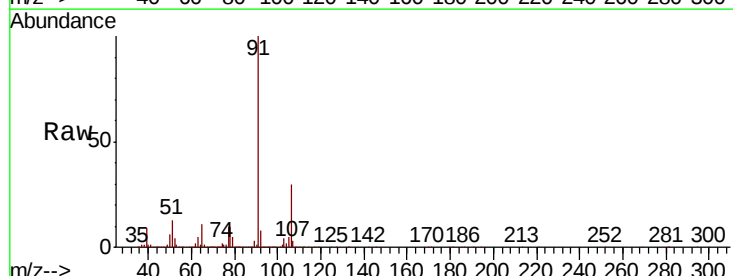
Ion	Ratio	Lower	Upper
112	100		
77	69.4	54.2	81.4
114	32.3	28.5	34.9

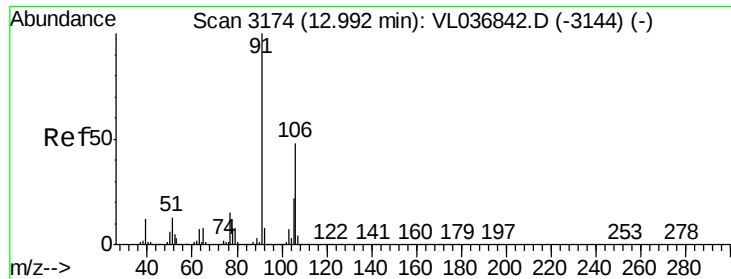


#58
Ethyl Benzene
Concen: 9.627 ppbv
RT: 12.71 min Scan# 3087
Delta R.T.: 0.01 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion: 91 Resp: 5190764

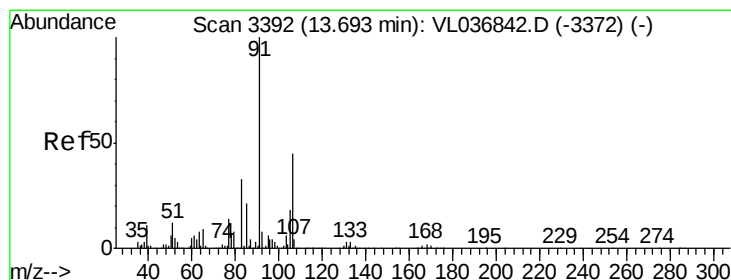
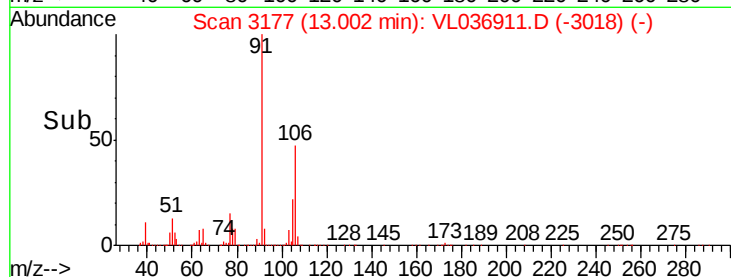
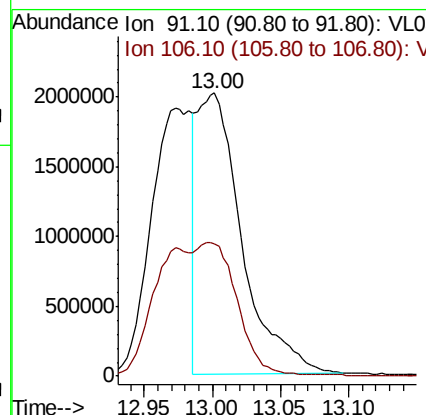
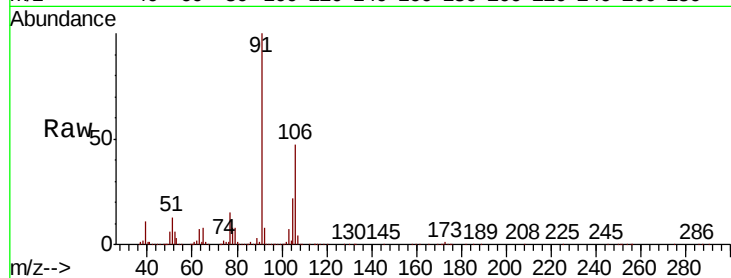
Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.1	37.7





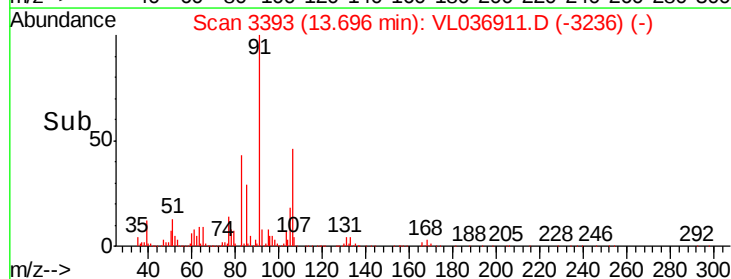
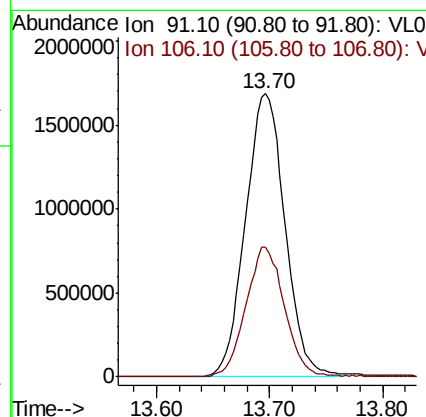
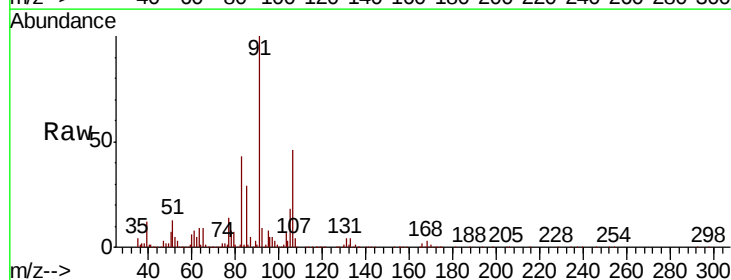
#59
m/p-Xylene
Concen: 9.427 ppbv
RT: 13.00 min
Delta R.T. 0.00 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

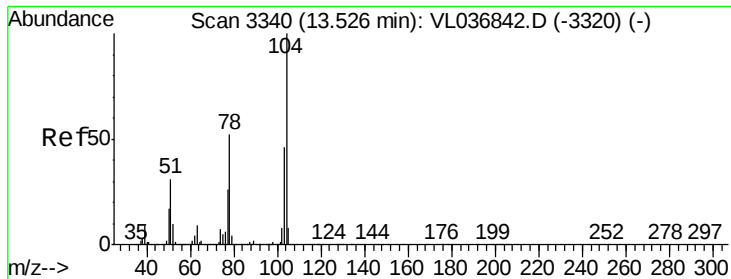
Tot Ion: 91 Resp: 4542790
Ion Ratio Lower Upper
91 100
106 85.3 35.8 53.6#



#60
o-Xylene
Concen: 8.787 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VL036911.D
Acq: 6 May 2021 19:53

Tgt Ion: 91 Resp: 4094588
Ion Ratio Lower Upper
91 100
106 45.2 22.6 67.7





#61

Stvrene

Concen: 10.792 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 19:53

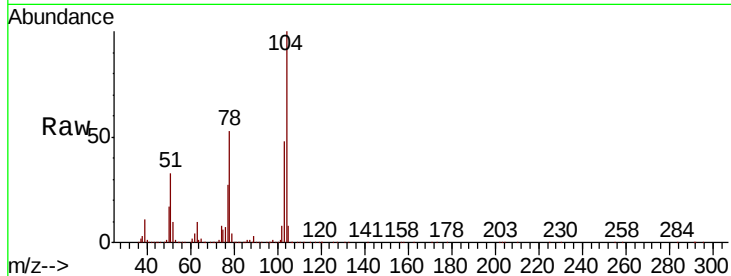
Tot Ion:104 Resp: 2361463

Ion Ratio Lower Upper

104 100

78 53.0 42.6 64.0

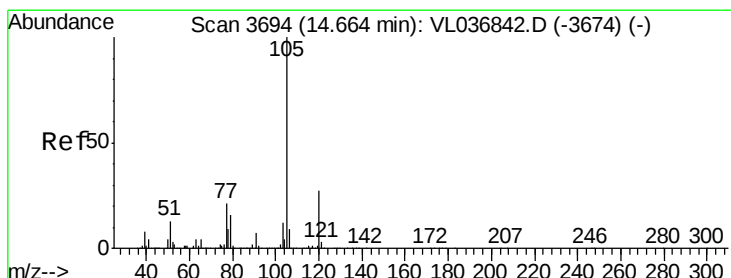
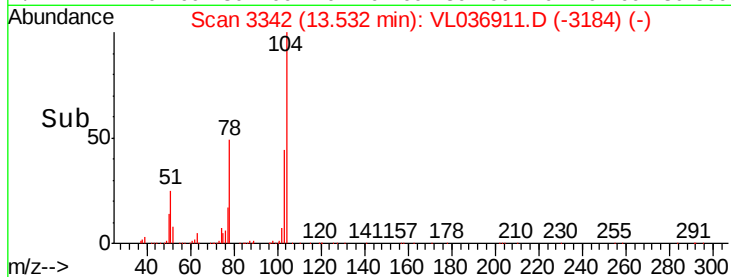
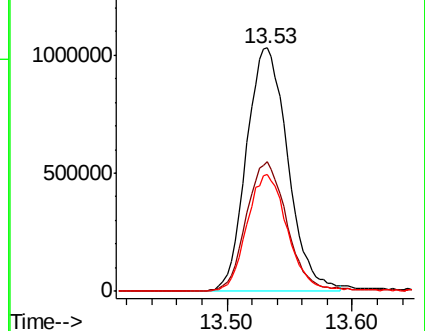
103 47.5 38.1 57.1



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: 8.705 ppbv

RT: 14.67 min Scan# 3696

Delta R.T. 0.01 min

Lab File: VL036911.D

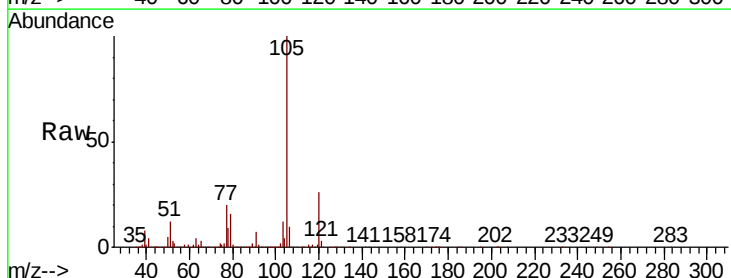
Acq: 6 May 2021 19:53

Tgt Ion:105 Resp: 5518568

Ion Ratio Lower Upper

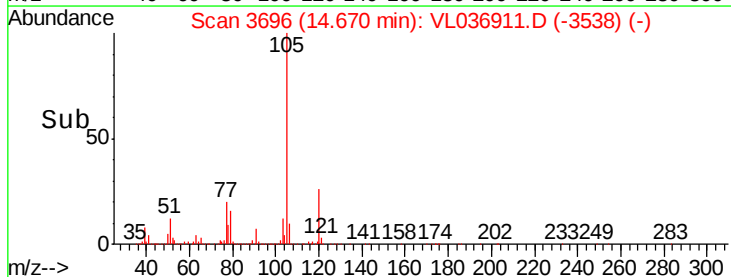
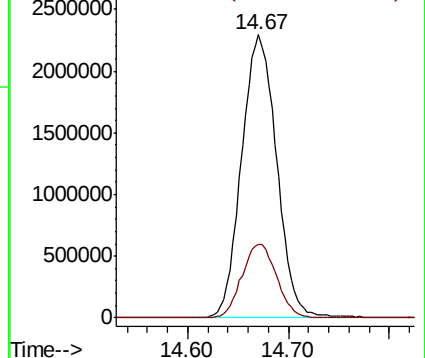
105 100

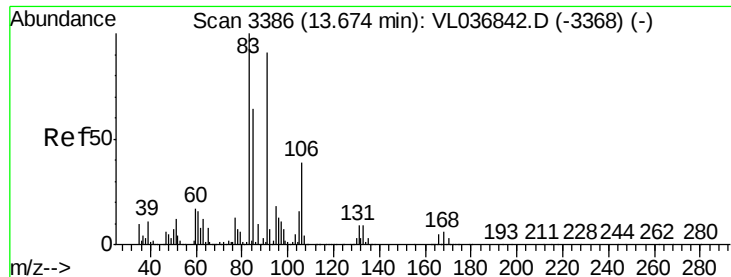
120 26.1 21.1 31.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 7.950 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 19:55

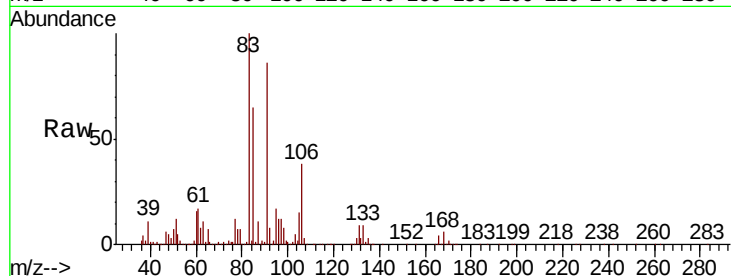
Tot Ion: 83 Resp: 2969524

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.3

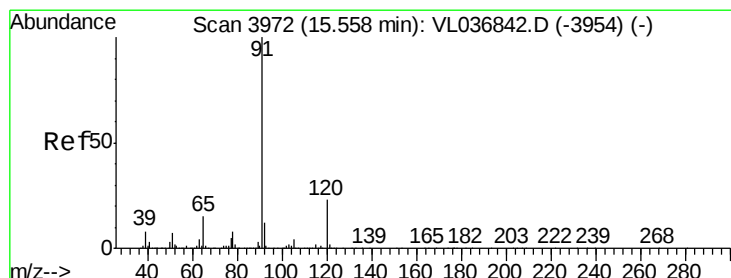
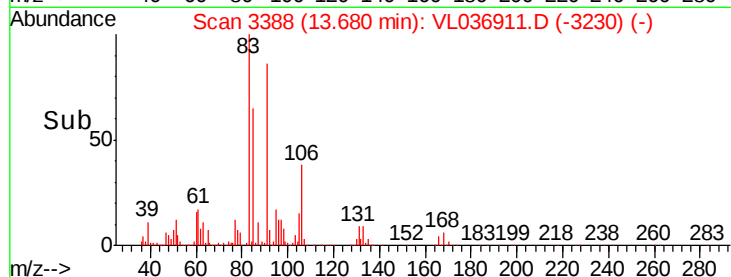
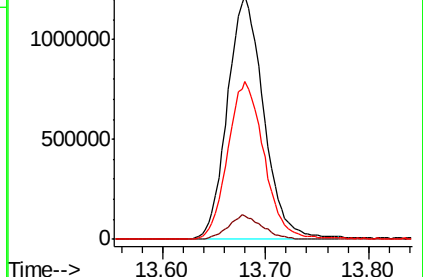
85 65.4 32.8 98.4



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 9.176 ppbv

RT: 15.57 min Scan# 3975

Delta R.T. 0.01 min

Lab File: VL036911.D

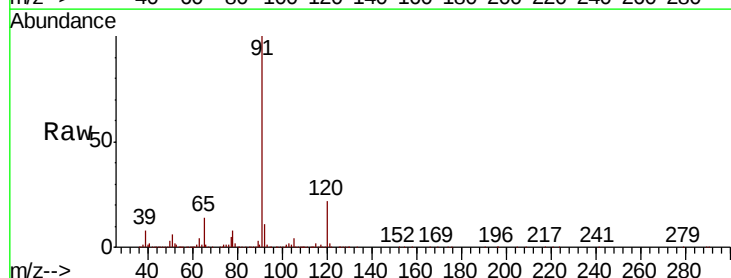
Acq: 6 May 2021 19:53

Tgt Ion:120 Resp: 1449761

Ion Ratio Lower Upper

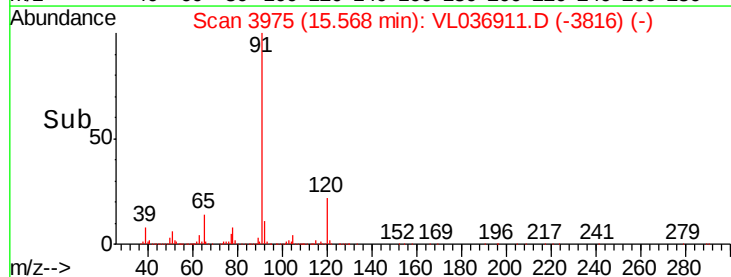
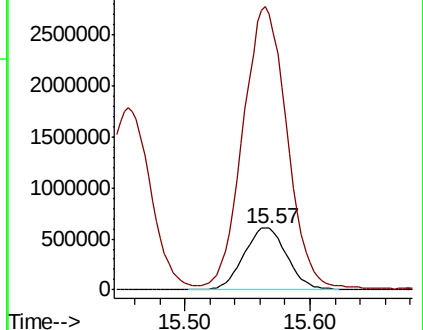
120 100

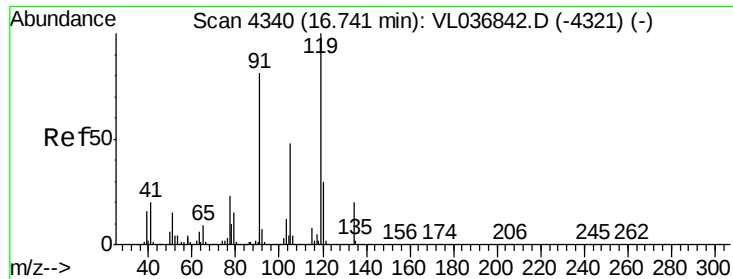
91 473.1 378.6 567.8



Abundance Ion 120.20 (119.90 to 120.90): V

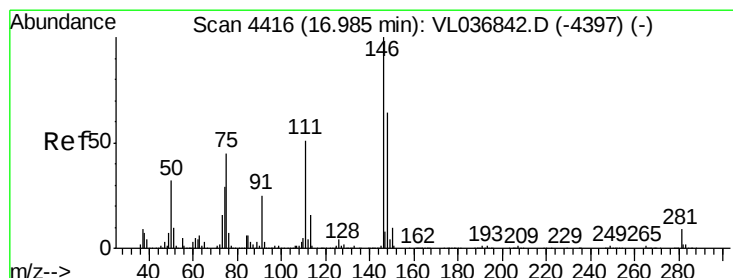
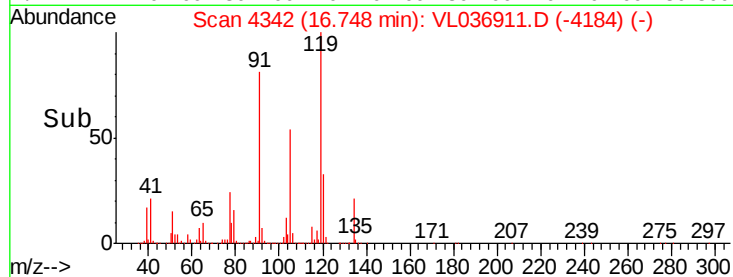
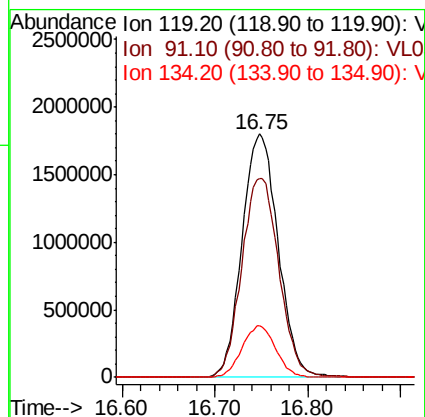
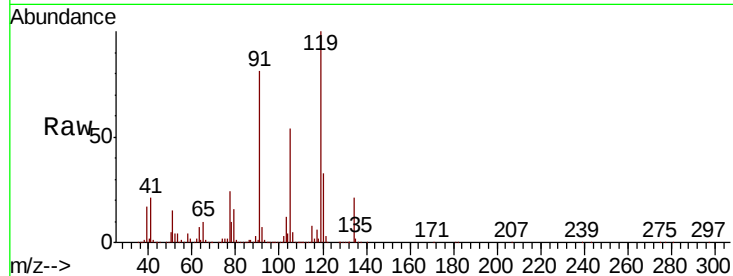
Ion 91.10 (90.80 to 91.80): VL0





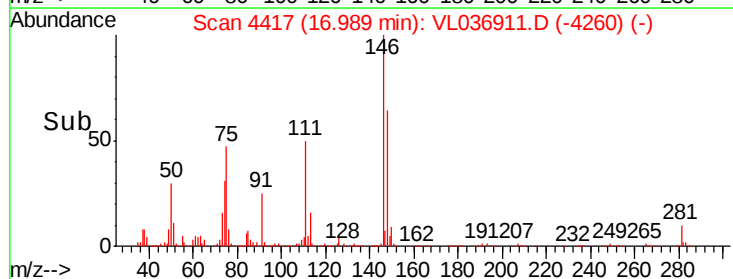
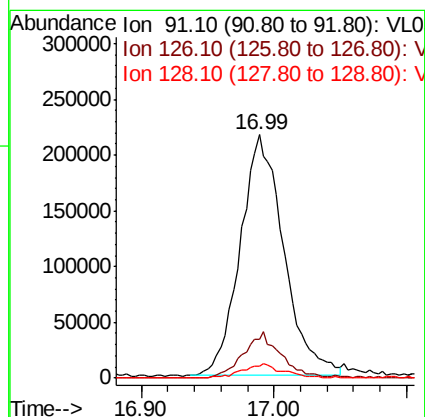
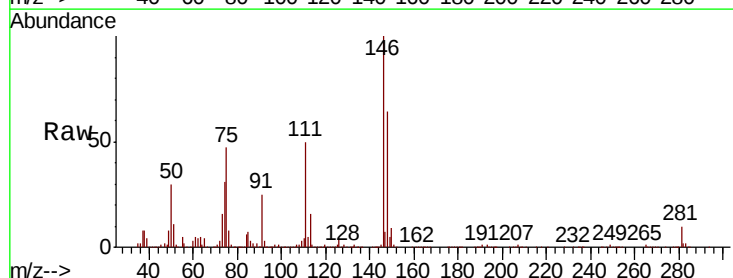
#65
 tert-Butylbenzene
 Concen: 8.657 ppbv
 RT: 16.75
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: VSTDCCC010EC
 Acq: 6 May 2021 19:55

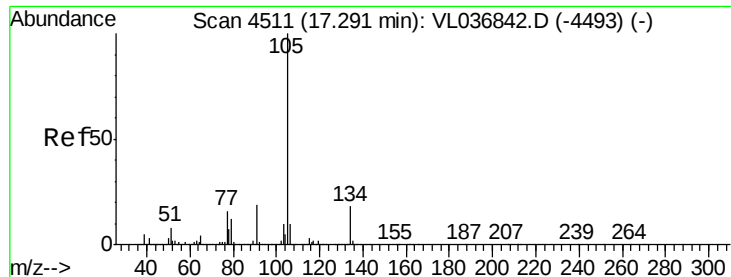
Tot Ion: 119 Resp: 4852426
 Ion Ratio Lower Upper
 119 100
 91 84.3 67.0 100.6
 134 19.9 15.8 23.6



#66
 Benzyl Chloride
 Concen: 8.996 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T.: 0.00 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

Tgt Ion: 91 Resp: 493027
 Ion Ratio Lower Upper
 91 100
 126 17.4 14.1 21.1
 128 6.3 4.8 7.2





#67

sec-Butylbenzene

Concen: 8.814 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

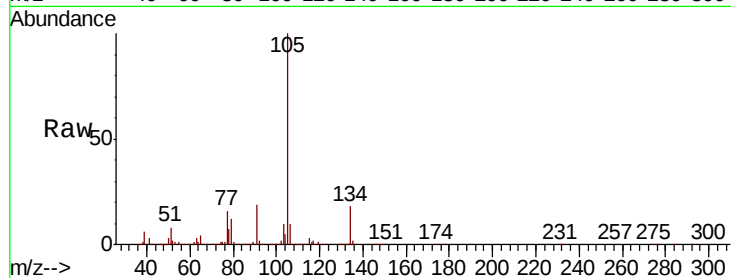
Acq: 6 May 2021 19:55

Tot Ion: 105 Resp: 6860680

Ion Ratio Lower Upper

105 100

134 18.6 14.8 22.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.29

2500000

2000000

1500000

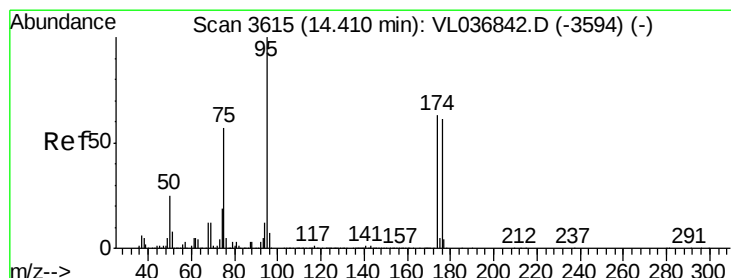
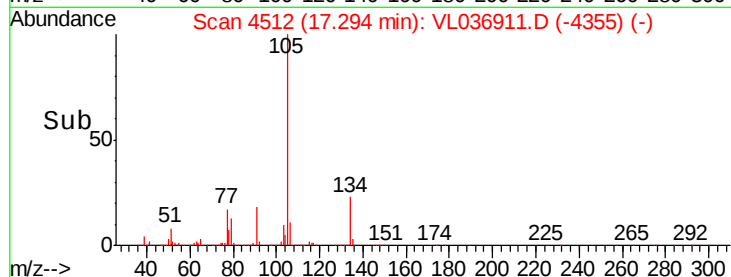
1000000

500000

0

Time-->

17.20 17.30 17.40



#68

1-Bromo-4-Fluorobenzene

Concen: 8.046 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.01 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

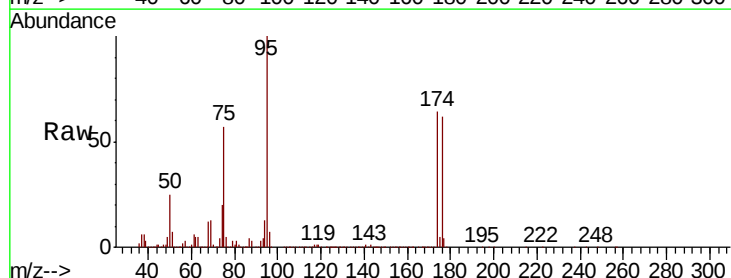
Tgt Ion: 95 Resp: 2745591

Ion Ratio Lower Upper

95 100

174 64.3 52.2 78.2

175 4.8 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

14.42

1500000

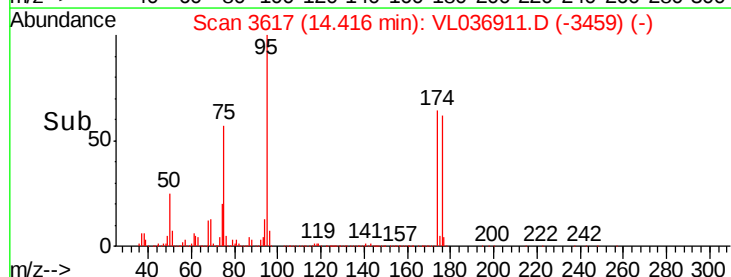
1000000

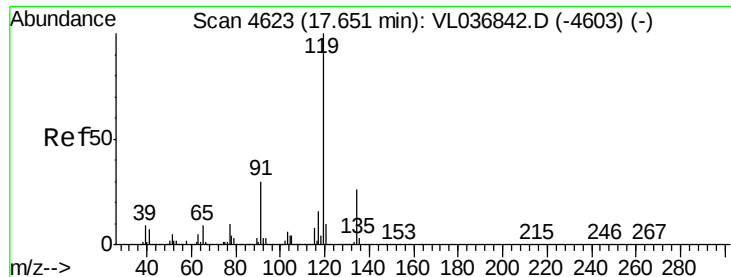
500000

0

Time-->

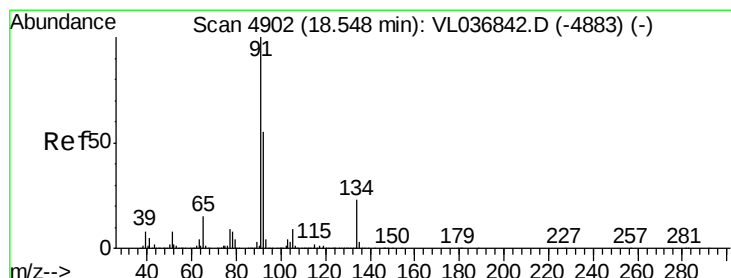
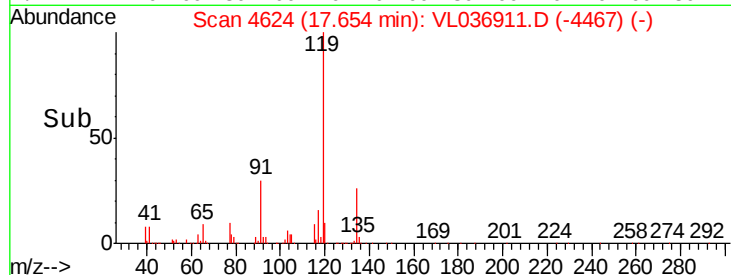
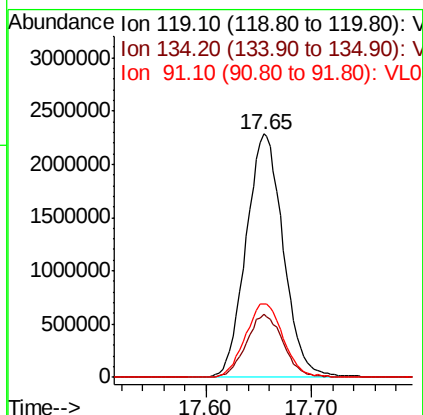
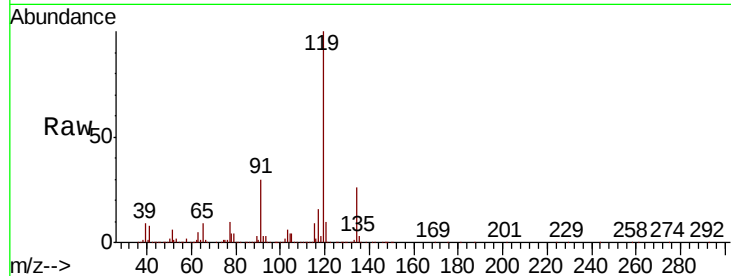
14.30 14.40 14.50





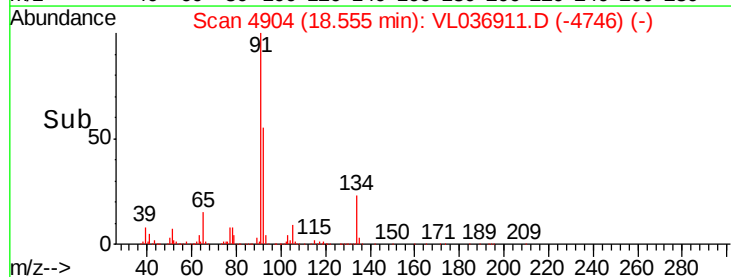
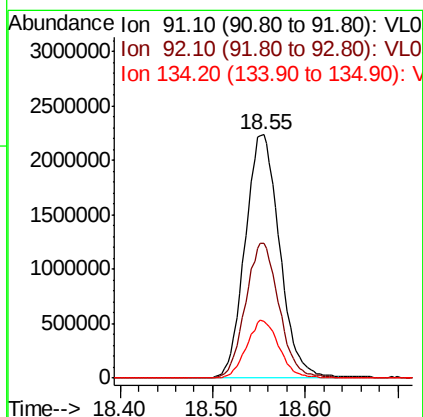
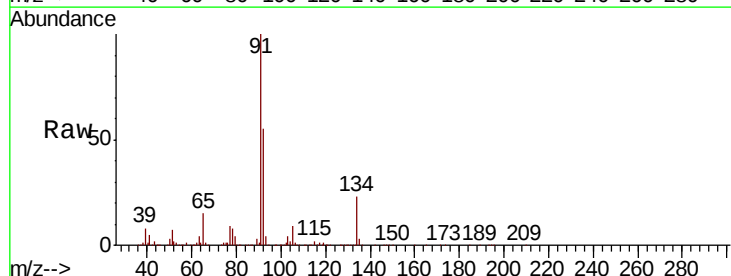
#69
 p-Isopropyltoluene
 Concen: 8.973 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 6 May 2021 19:55

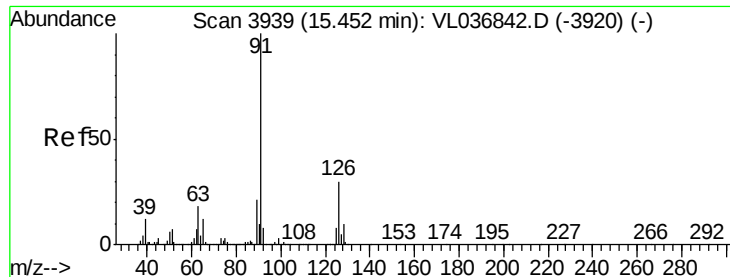
Tot Ion: 119 Resp: 5599393
 Ion Ratio Lower Upper
 119 100
 134 25.7 20.6 31.0
 91 31.1 24.2 36.4



#70
 n-Butylbenzene
 Concen: 9.157 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

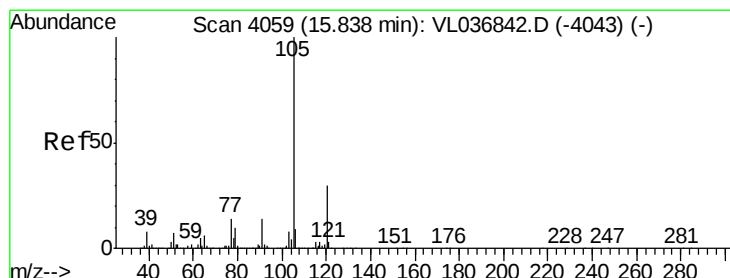
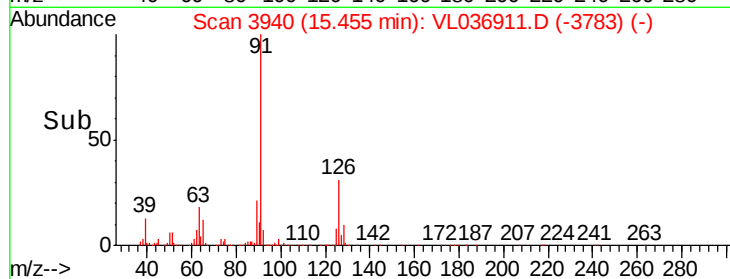
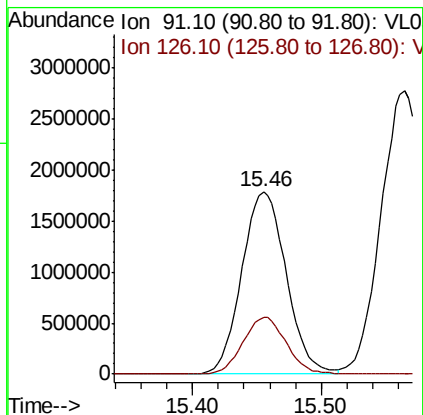
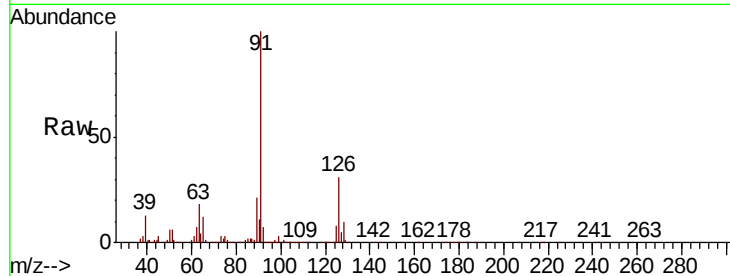
Tgt Ion: 91 Resp: 5759211
 Ion Ratio Lower Upper
 91 100
 92 54.0 43.5 65.3
 134 22.6 18.2 27.4





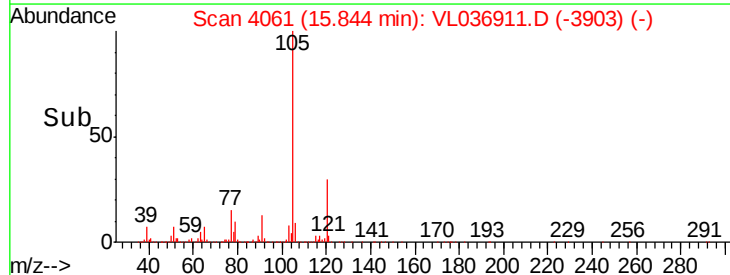
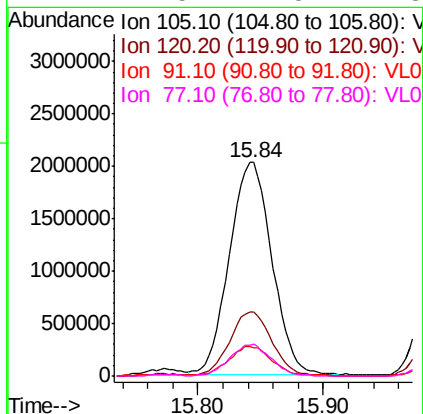
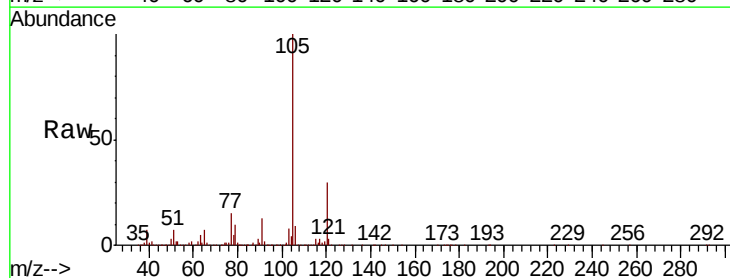
#71
 2-Chlorotoluene
 Concen: 9.126 ppbv
 RT: 15.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 6 May 2021 19:55

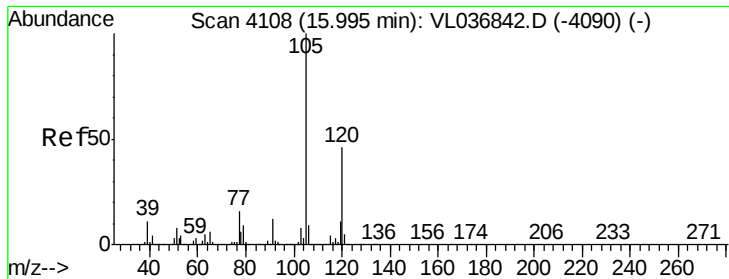
Tot Ion: 91 Resp: 4284898
 Ion Ratio Lower Upper
 91 100
 126 30.8 12.3 49.3



#72
 4-Ethyltoluene
 Concen: 9.565 ppbv
 RT: 15.84 min Scan# 4061
 Delta R.T. 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

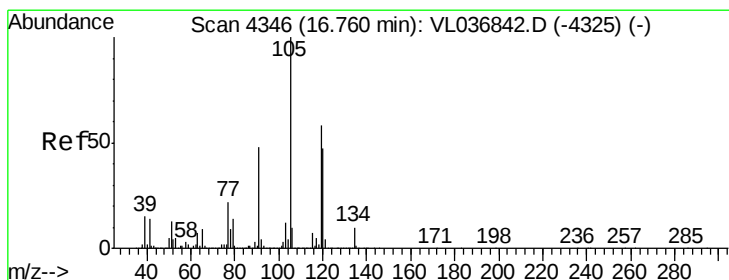
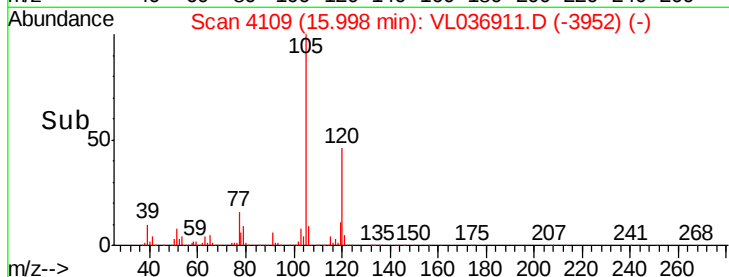
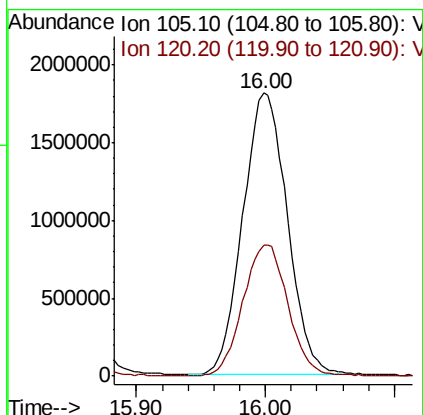
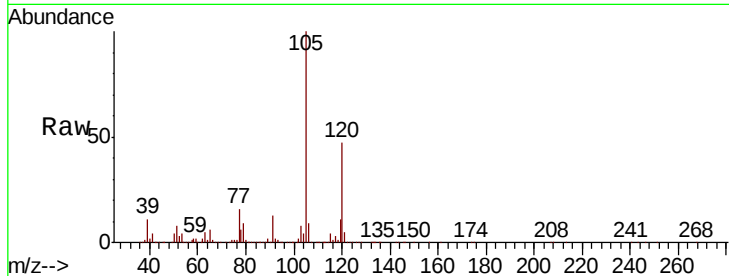
Tgt Ion:105 Resp: 4783809
 Ion Ratio Lower Upper
 105 100
 120 30.0 23.8 35.6
 91 13.8 10.7 16.1
 77 14.5 11.5 17.3





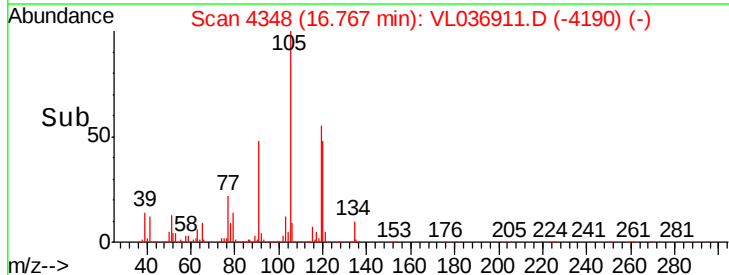
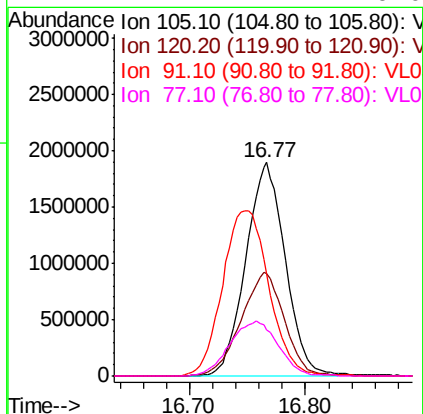
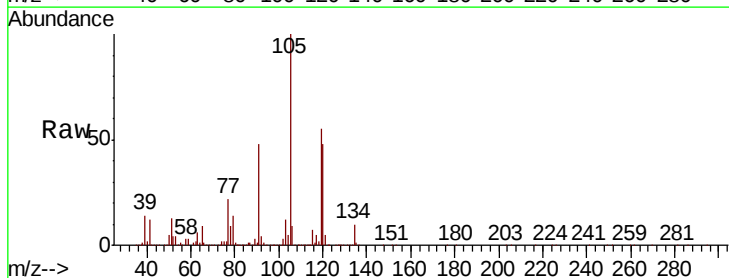
#73
 1,3,5-Trimethylbenzene
 Concen: 8.978 ppbv
 RT: 16.00 min
 Delta R.T. 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

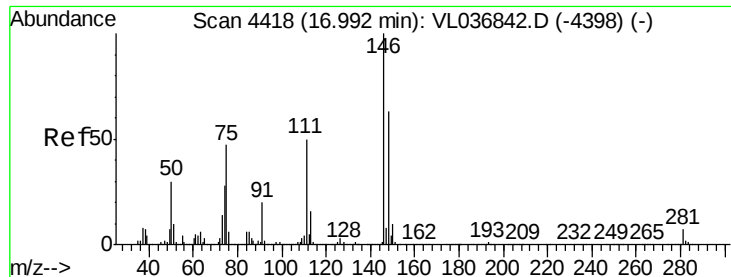
Tot Ion:105 Resp: 4354479
 Ion Ratio Lower Upper
 105 100
 120 46.6 36.8 55.2



#74
 1,2,4-Trimethylbenzene
 Concen: 8.683 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

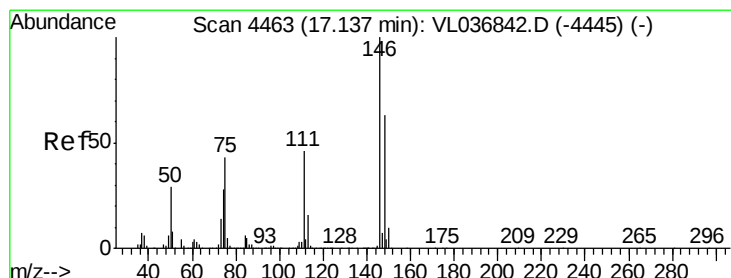
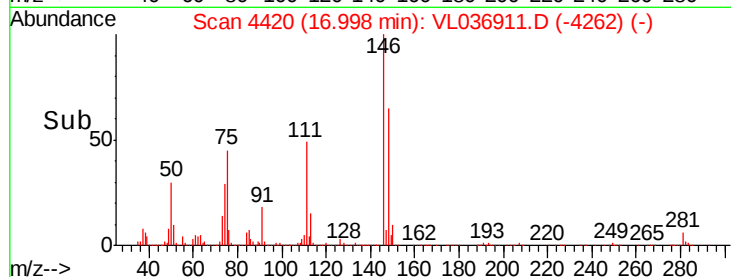
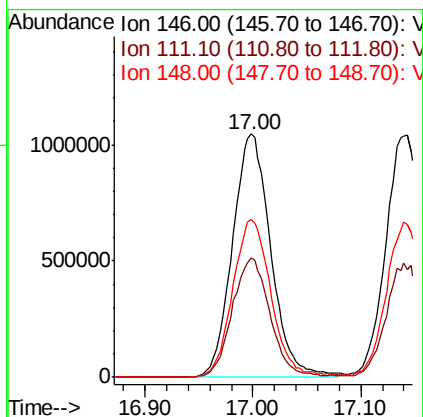
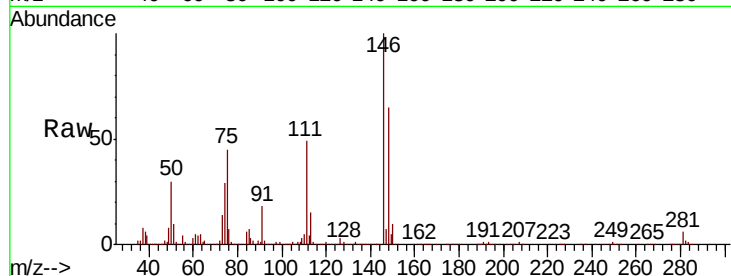
Tgt Ion:105 Resp: 4473461
 Ion Ratio Lower Upper
 105 100
 120 48.0 37.6 56.4
 91 47.4 39.0 58.4
 77 21.4 17.4 26.0





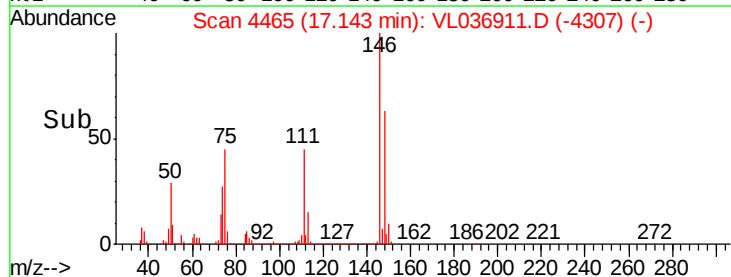
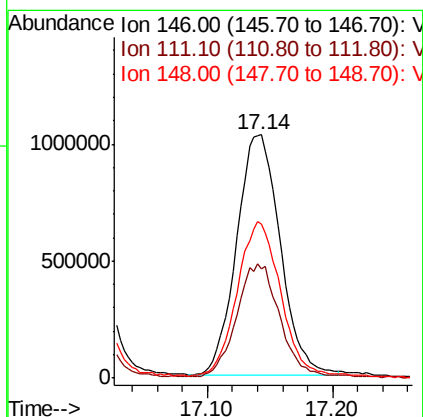
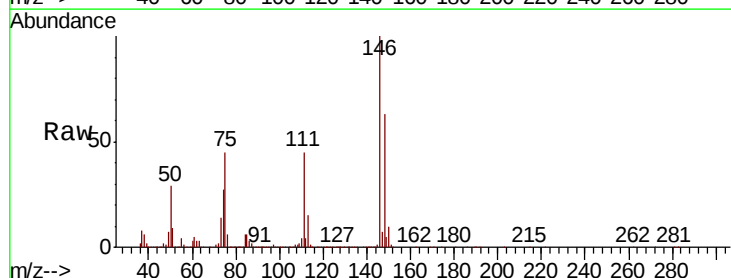
#75
 1,3-Dichlorobenzene
 Concen: 8.444 ppbv
 RT: 17.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 6 May 2021 19:55

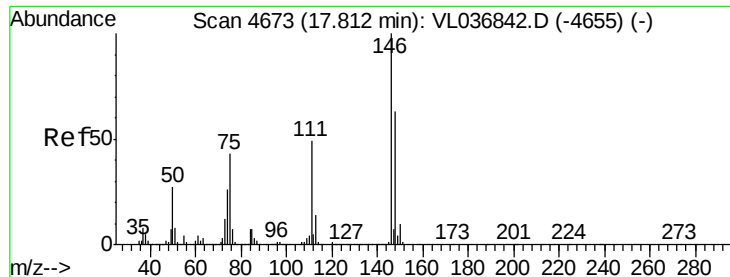
Tot Ion:146 Resp: 2571754
 Ion Ratio Lower Upper
 146 100
 111 48.6 24.2 72.6
 148 65.2 32.1 96.3



#76
 1,4-Dichlorobenzene
 Concen: 8.289 ppbv
 RT: 17.14 min Scan# 4465
 Delta R.T. 0.01 min
 Lab File: VL036911.D
 Acq: 6 May 2021 19:53

Tgt Ion:146 Resp: 2470383
 Ion Ratio Lower Upper
 146 100
 111 48.5 24.3 72.8
 148 66.5 32.4 97.0





#77

1,2-Dichlorobenzene

Concen: 8.382 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 19:55

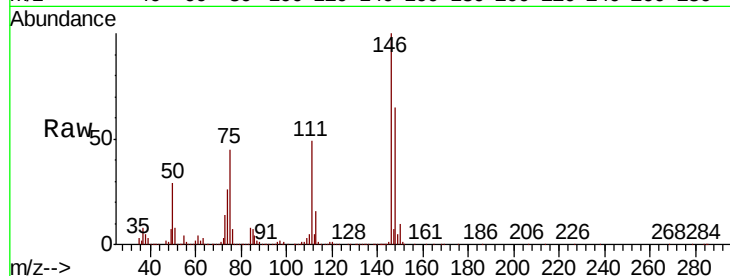
Tot Ion:146 Resp: 2493545

Ion Ratio Lower Upper

146 100

111 49.7 25.0 75.0

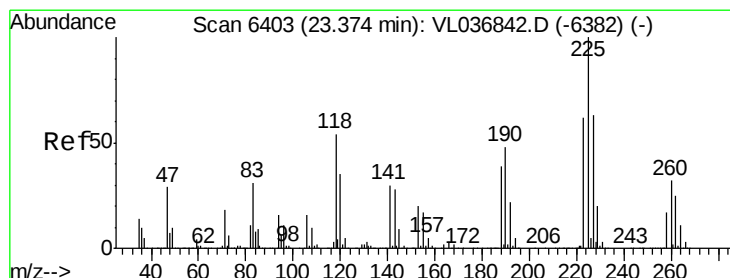
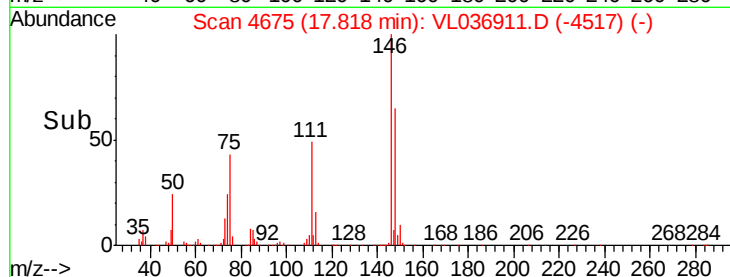
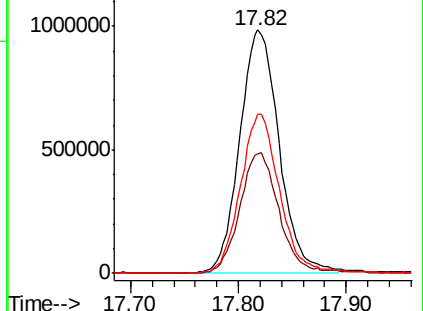
148 64.9 32.4 97.0



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



#78

Hexachloro-1,3-Butadiene

Concen: 7.175 ppbv

RT: 23.38 min Scan# 6404

Delta R.T. 0.00 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

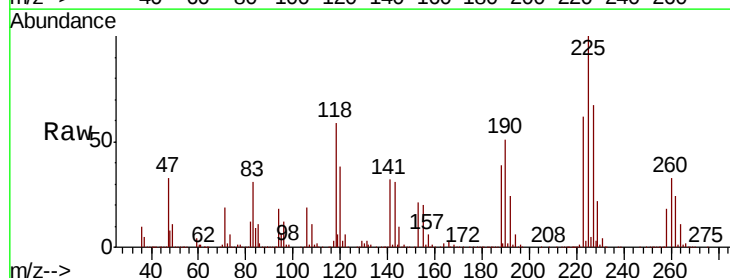
Tgt Ion:225 Resp: 1813699

Ion Ratio Lower Upper

225 100

223 64.4 51.2 76.8

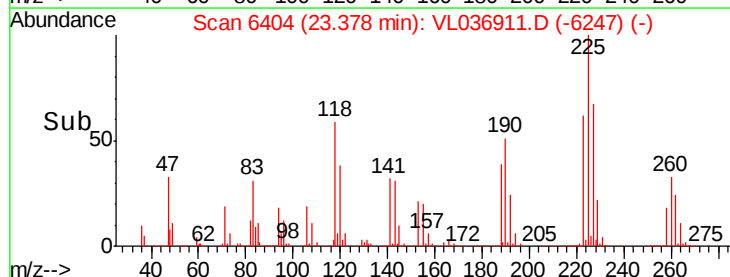
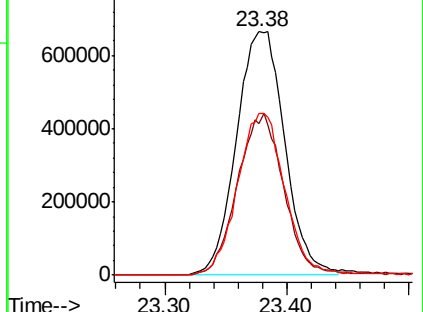
227 66.1 51.8 77.6

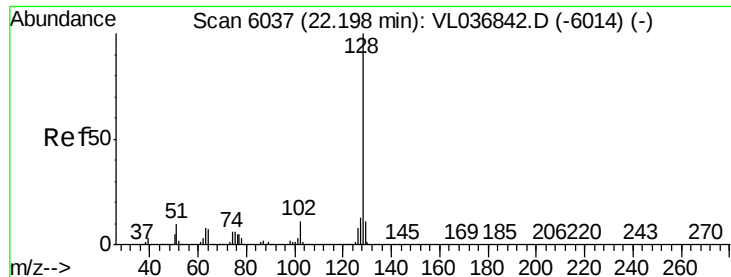


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 9.835 ppbv

RT: 22.20

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 19:53

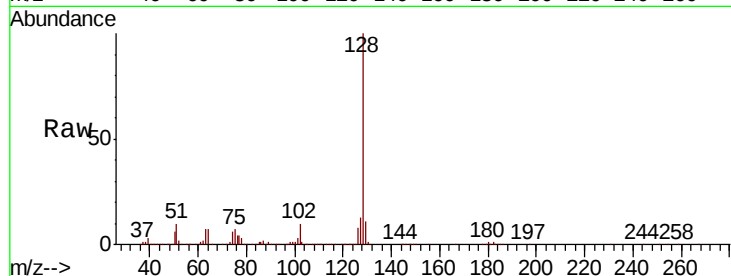
Tot Ion:128 Resp: 2837883

Ion Ratio Lower Upper

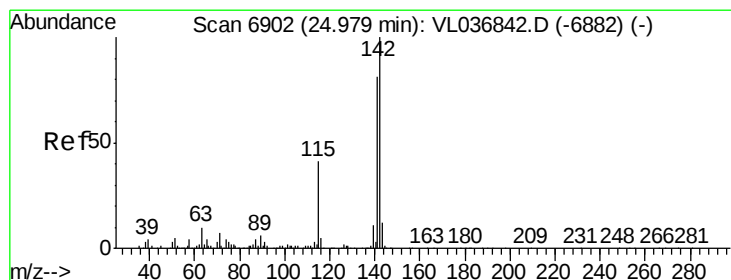
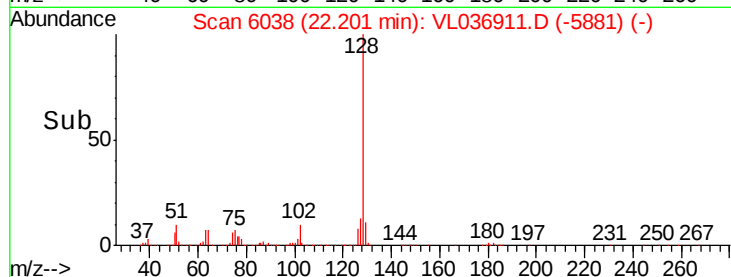
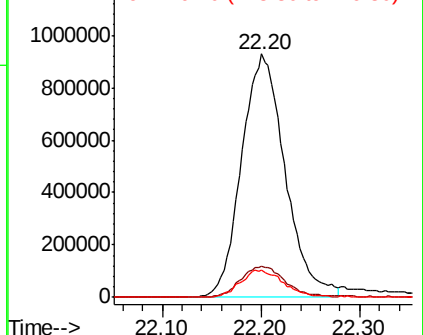
128 100

127 12.9 10.6 15.8

129 11.1 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: 11.340 ppbv

RT: 24.98 min Scan# 6903

Delta R.T. 0.00 min

Lab File: VL036911.D

Acq: 6 May 2021 19:53

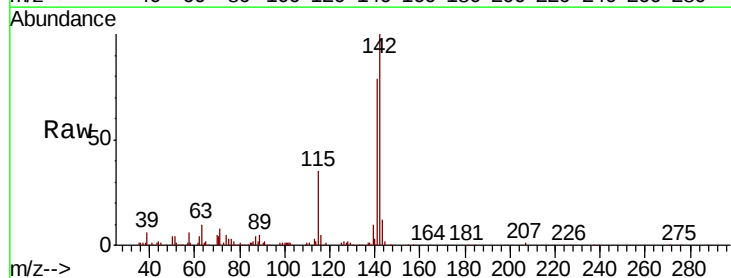
Tgt Ion:142 Resp: 360832

Ion Ratio Lower Upper

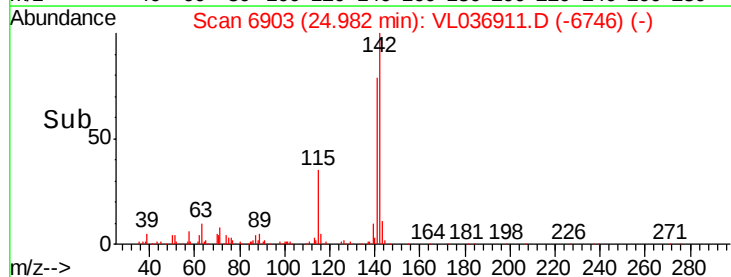
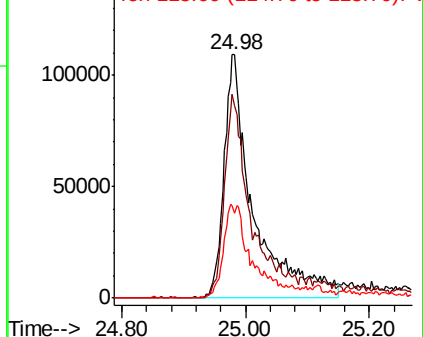
142 100

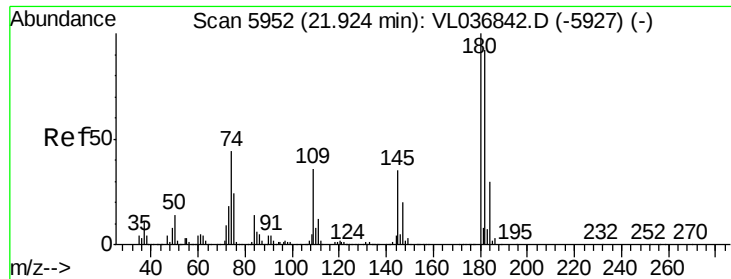
141 83.4 62.6 93.8

115 39.0 32.0 48.0



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: 8.905 ppbv

RT: 21.93

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDCCC010EC

Acq: 6 May 2021 19:55

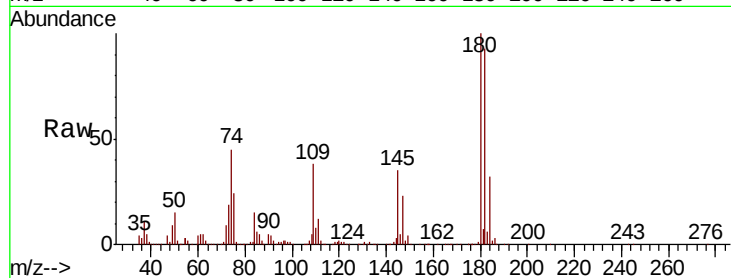
Tot Ion:180 Resp: 1662122

Ion Ratio Lower Upper

180 100

182 100.2 80.9 121.3

184 31.8 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

