

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101221\
 Data File : VL037828.D
 Acq On : 12 Oct 2021 11:56
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Oct 14 01:03:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1409843	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4203371	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	4707515	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2678192	8.14	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.40%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	1780159	7.905	ppbv	99
3) Chlorodifluoromethane	2.98	51	2471195	9.122	ppbv	99
4) Chloromethane	3.13	50	927276	9.346	ppbv	98
5) Vinyl Chloride	3.25	62	929425	10.219	ppbv	96
6) Bromomethane	3.47	94	480963	9.776	ppbv	99
7) Chloroethane	3.55	64	330005	9.868	ppbv	95
8) Dichlorotetrafluoroethane	3.18	85	2132477	9.581	ppbv	99
9) Propene	3.01	41	881447	8.843	ppbv	100
10) Heptane	8.11	43	2226411	9.835	ppbv	99
11) Trichlorofluoromethane	3.94	101	1910232	9.508	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1452417	9.541	ppbv	98
13) Ethanol	3.60	45	81743	10.028	ppbv	92
14) Bromoethene	3.73	108	654095	9.772	ppbv	96
15) Acetone	3.84	43	1094757	8.650	ppbv	99
16) 1,3-Butadiene	3.32	39	924861	10.044	ppbv	98
17) tert-Butyl alcohol	4.28	59	1196287	9.178	ppbv	99
18) 1,1-Dichloroethene	4.28	96	656776	9.493	ppbv	99
19) Isopropyl Alcohol	3.96	45	709299	9.008	ppbv	# 95
20) Methylene Chloride	4.34	84	557894	8.724	ppbv	97
21) Allyl Chloride	4.40	41	1043633	9.308	ppbv	95
22) trans-1,2-Dichloroethene	4.88	96	679892	9.775	ppbv	98
23) Vinyl Acetate	5.06	43	1984549	10.463	ppbv	97
24) 1,1-Dichloroethane	5.00	63	1349887	9.777	ppbv	98
25) Ethyl Acetate	5.67	43	3498037	9.850	ppbv	99
26) Hexane	5.68	57	1628945	9.315	ppbv	97
27) Carbon Disulfide	4.54	76	1656014	10.685	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	1447058	9.939	ppbv	98
29) Chloroform	5.74	83	2362225	9.450	ppbv	97
30) Cyclohexane	7.12	84	1383789	9.331	ppbv	100
31) cis-1,2-Dichloroethene	5.54	61	1540119	9.701	ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	2284354	9.639	ppbv	100
34) 2-Butanone	5.23	43	1566853	9.233	ppbv	99
35) Carbon Tetrachloride	7.01	117	2381818	9.977	ppbv	99
36) Benzene	6.88	78	3402114	9.476	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1643898	9.724	ppbv	99
38) Trichloroethene	7.82	130	1356177	9.561	ppbv	99
39) 1,2-Dichloropropane	7.60	63	1315207	9.739	ppbv	96
40) 1,4-Dioxane	7.82	88	148926	4.407	ppbv	# 100
41) Tetrahydrofuran	6.04	42	818298	9.848	ppbv	98
42) Bromodichloromethane	7.78	83	2498309	10.061	ppbv	98
43) Methyl Methacrylate	8.00	69	1233096	10.515	ppbv	97

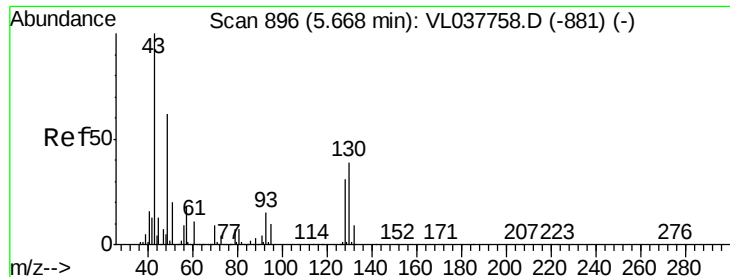
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101221\
 Data File : VL037828.D
 Acq On : 12 Oct 2021 11:56
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Quant Time: Oct 14 01:03:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5691965	9.436	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	948177	11.751	ppbv	100
46) cis-1,3-Dichloropropene	8.69	75	1255952	11.230	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	1405072	9.571	ppbv	99
48) Dibromochloromethane	10.29	129	2166009	10.350	ppbv	99
49) Bromoform	13.03	173	1754571	10.957	ppbv	97
50) 4-Methyl-2-Pentanone	8.73	43	2273606	10.292	ppbv	100
51) 2-Hexanone	10.12	43	1004505	10.186	ppbv #	96
52) Tetrachloroethene	11.21	164	1237526	8.860	ppbv	98
53) Toluene	9.79	91	3962824	9.960	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1922537	9.695	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	1524544	7.823	ppbv	98
57) Chlorobenzene	12.13	112	2919088	7.559	ppbv	99
58) Ethyl Benzene	12.70	91	5076044	8.030	ppbv	99
59) m/p-Xylene	12.98	91	4501264	8.296	ppbv #	37
60) o-Xylene	13.68	91	3931344	7.560	ppbv	99
61) Styrene	13.51	104	2210598	8.789	ppbv	99
62) Isopropylbenzene	14.65	105	5567814	7.676	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	2891542	7.206	ppbv	99
64) n-propylbenzene	15.55	120	1478056	8.172	ppbv	97
65) tert-Butylbenzene	16.73	119	4886185	7.655	ppbv	99
66) Benzyl Chloride	16.98	91	263748	8.373	ppbv #	98
67) sec-Butylbenzene	17.28	105	6765817	7.751	ppbv	100
69) p-Isopropyltoluene	17.64	119	5567447	7.889	ppbv	100
70) n-Butylbenzene	18.54	91	5394839	8.047	ppbv	99
71) 2-Chlorotoluene	15.44	91	4034072	7.876	ppbv	100
72) 4-Ethyltoluene	15.82	105	4699418	7.959	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	4258324	7.940	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	4391391	7.797	ppbv	97
75) 1,3-Dichlorobenzene	16.98	146	2633614	7.547	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	2534690	7.615	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	2582101	7.703	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1785766	6.525	ppbv	99
79) Naphthalene	22.18	128	2888113	8.373	ppbv	99
80) Naphthalene,2-methyl-	24.95	142	671737	7.253	ppbv	99
81) 1,2,4-Trichlorobenzene	21.90	180	1729508	7.840	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 12 Oct 2021 11:56

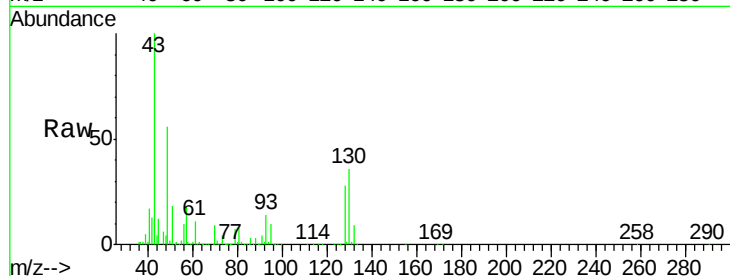
Tgt Ion: 49 Resp: 1409843

Ion Ratio Lower Upper

49 100

128 54.4 27.1 81.3

130 67.6 33.2 99.6



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

800000

600000

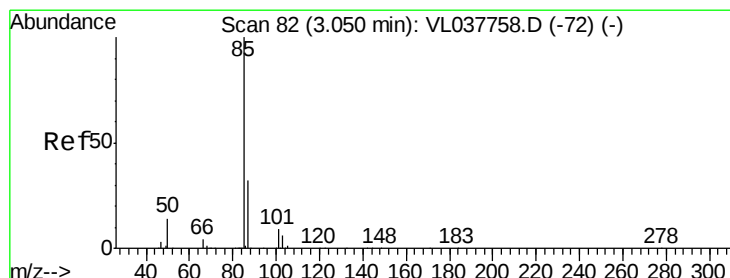
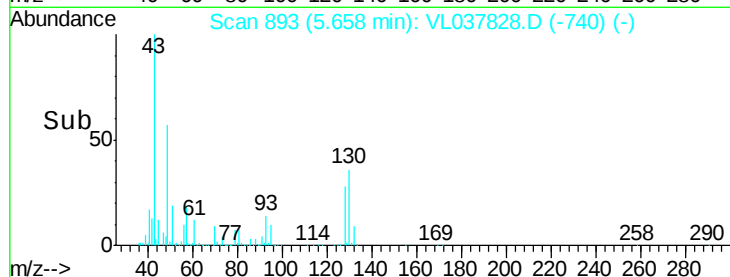
400000

200000

0

5.60 5.65 5.70 5.75

Time-->



#2

Dichlorodifluoromethane

Concen: 7.905 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL037828.D

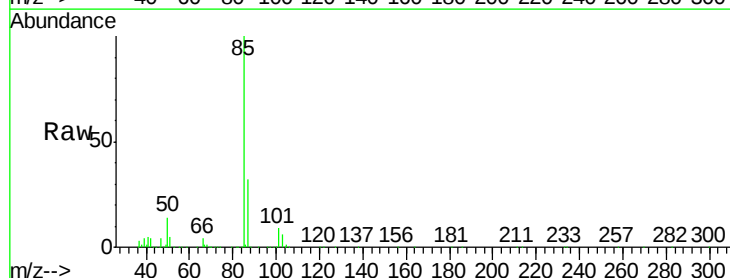
Acq: 12 Oct 2021 11:56

Tgt Ion: 85 Resp: 1780159

Ion Ratio Lower Upper

85 100

87 32.4 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

1200000

1000000

800000

600000

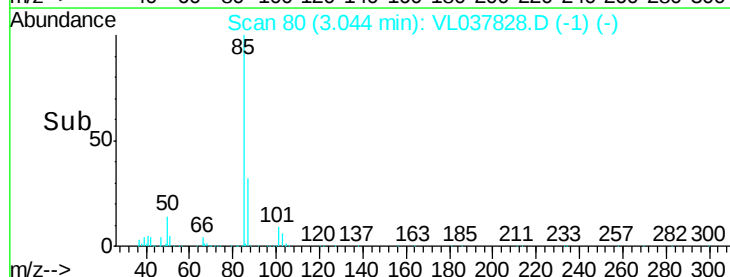
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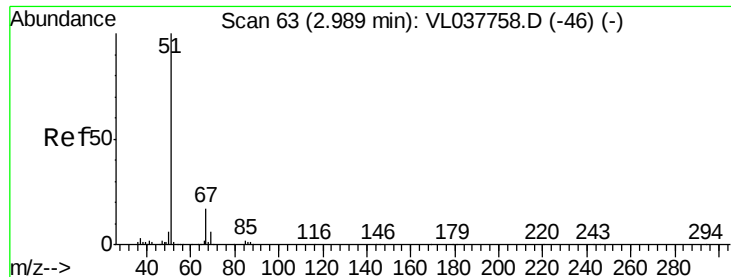
200000

0

3.00 3.05 3.10

Time-->





#3

Chlorodifluoromethane

Concen: 9.122 ppbv

RT: 2.98 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

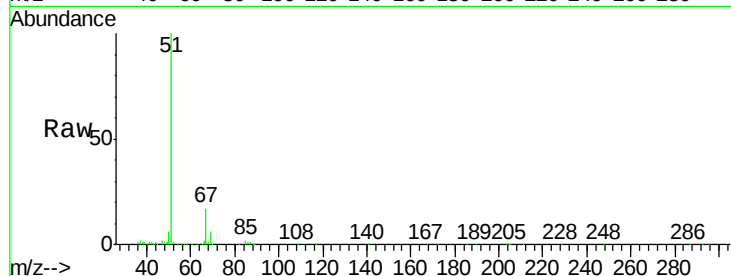
Acq: 12 Oct 2021 11:56

Tgt Ion: 51 Resp: 2471195

Ion Ratio Lower Upper

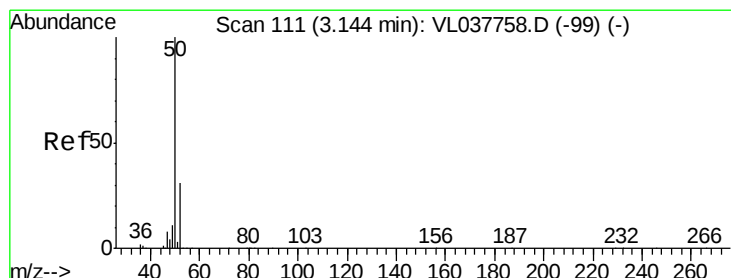
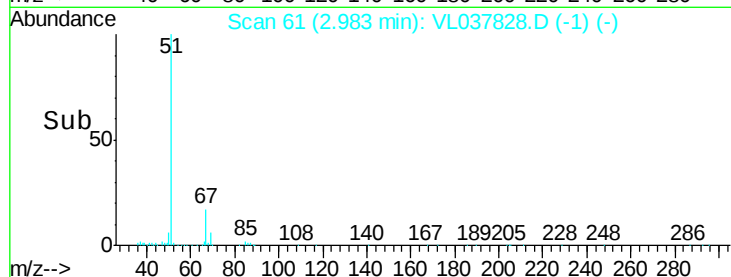
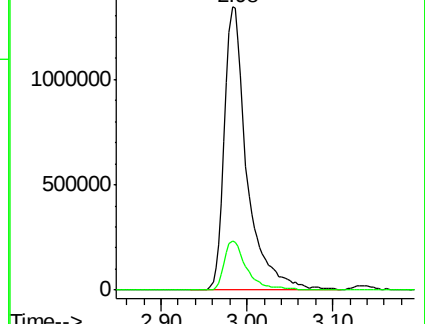
51 100

67 17.5 13.5 20.3



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.346 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL037828.D

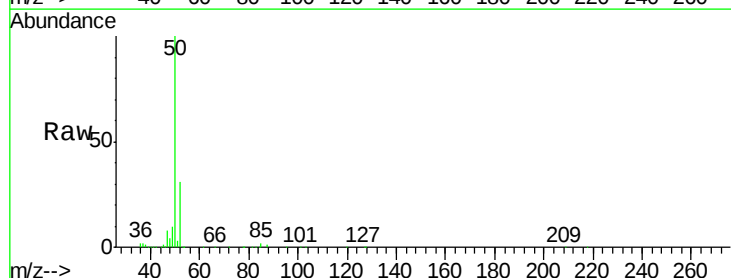
Acq: 12 Oct 2021 11:56

Tgt Ion: 50 Resp: 927276

Ion Ratio Lower Upper

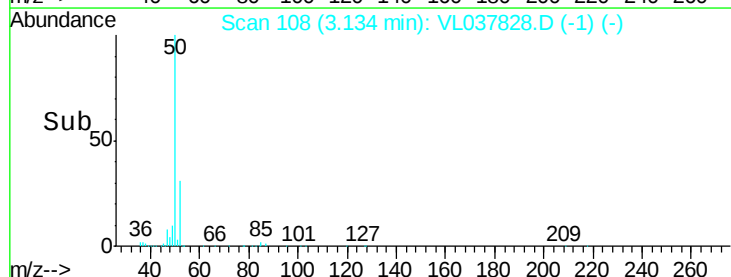
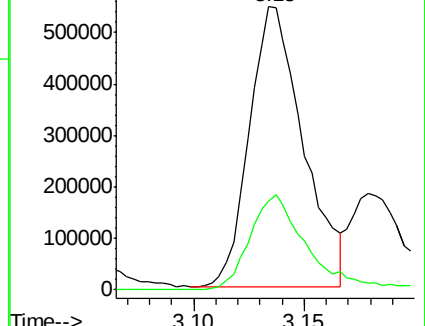
50 100

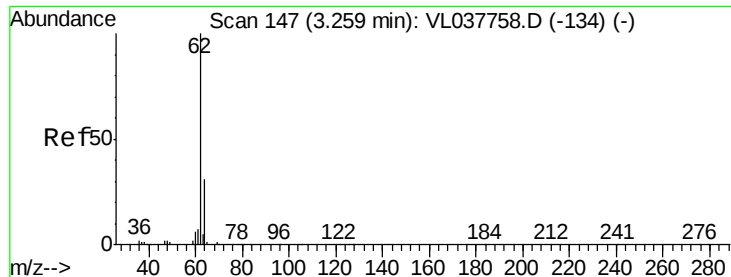
52 31.3 24.4 36.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.219 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

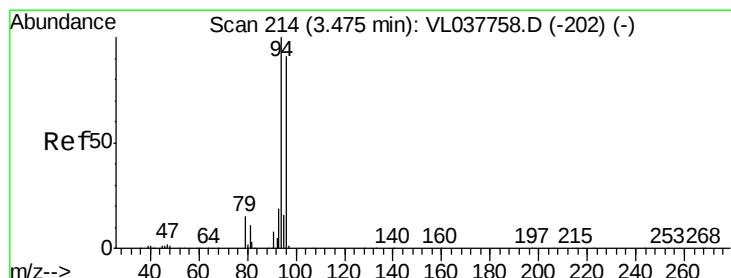
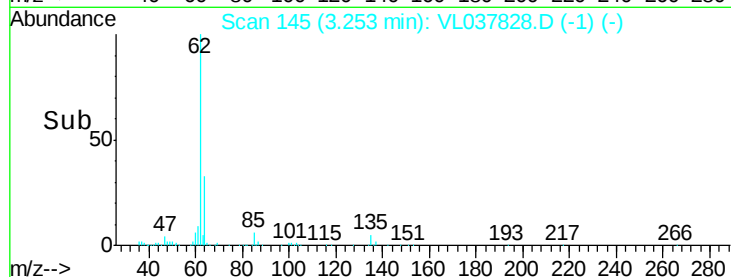
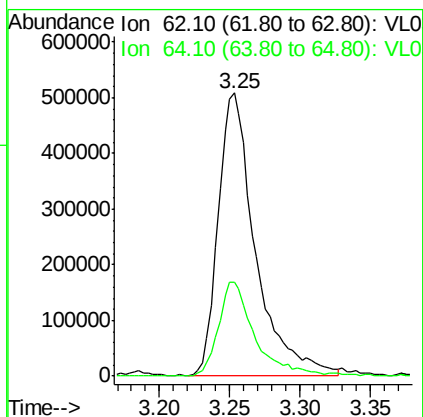
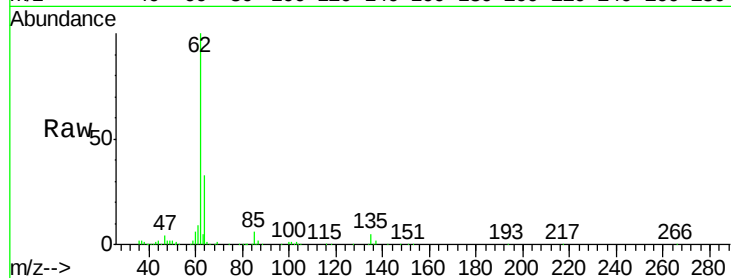
Acq: 12 Oct 2021 11:56 VSTDCCC010

Tgt Ion: 62 Resp: 929425

Ion Ratio Lower Upper

62 100

64 33.4 24.9 37.3



#6

Bromomethane

Concen: 9.776 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.01 min

Lab File: VL037828.D

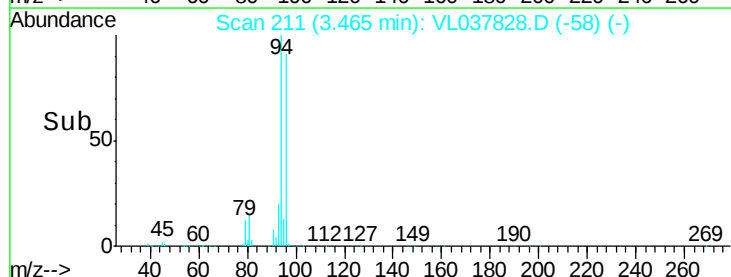
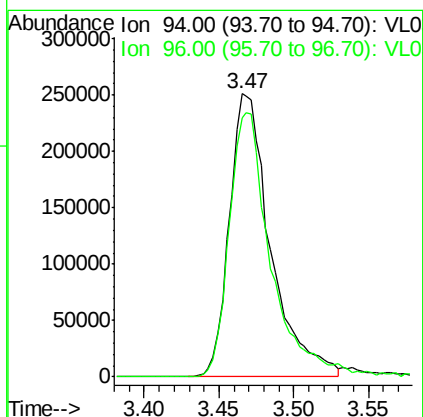
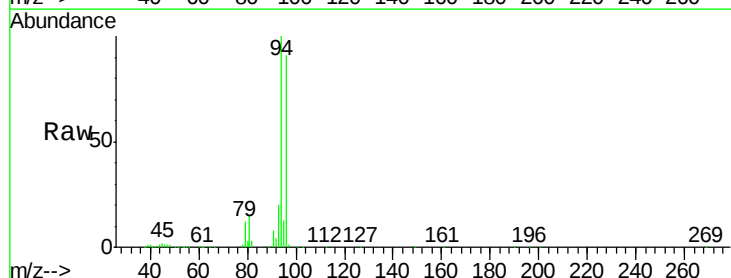
Acq: 12 Oct 2021 11:56

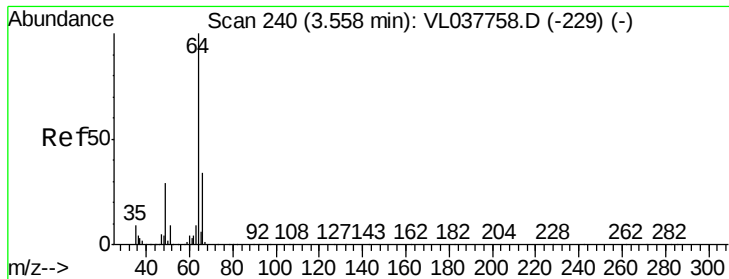
Tgt Ion: 94 Resp: 480963

Ion Ratio Lower Upper

94 100

96 91.4 72.5 108.7





#7

Chloroethane

Concen: 9.868 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

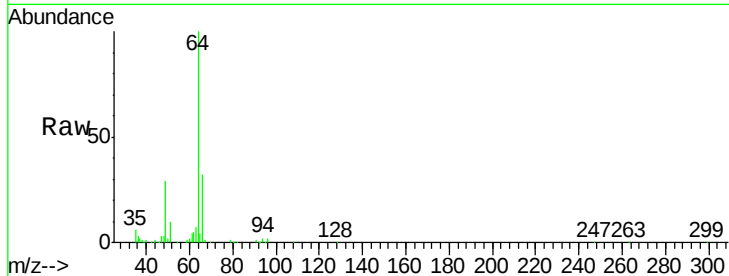
Acq: 12 Oct 2021 11:56 VSTDCCC010

Tgt Ion: 64 Resp: 330005

Ion Ratio Lower Upper

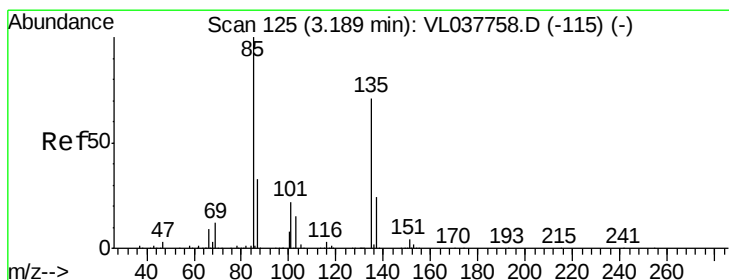
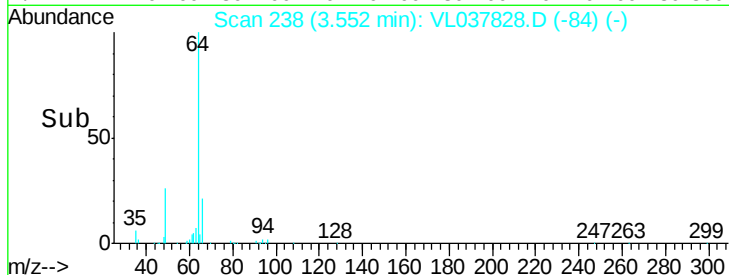
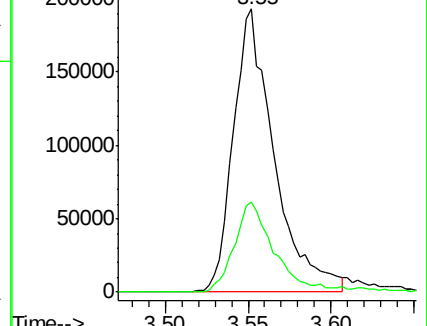
64 100

66 31.7 27.5 41.3



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 9.581 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.01 min

Lab File: VL037828.D

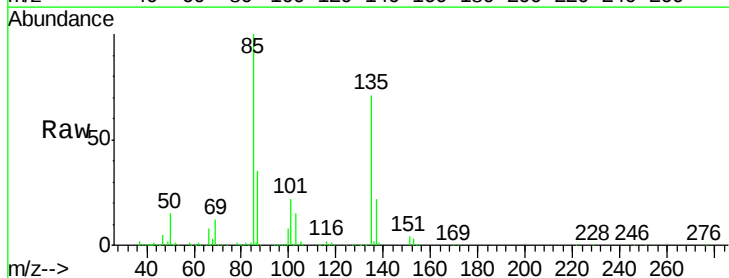
Acq: 12 Oct 2021 11:56

Tgt Ion: 85 Resp: 2132477

Ion Ratio Lower Upper

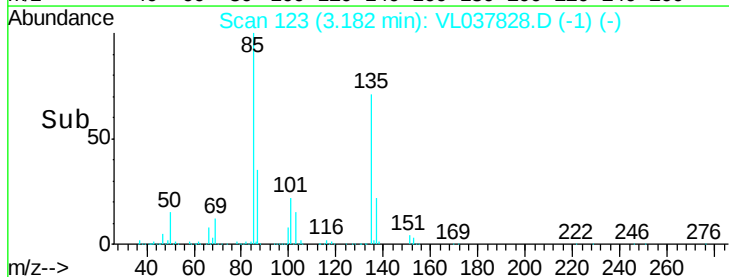
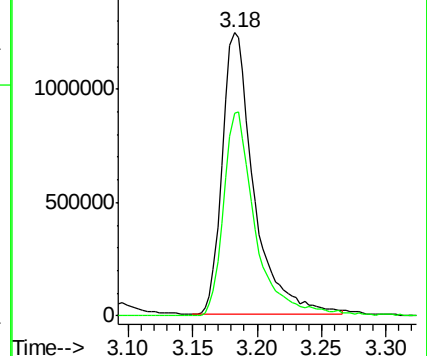
85 100

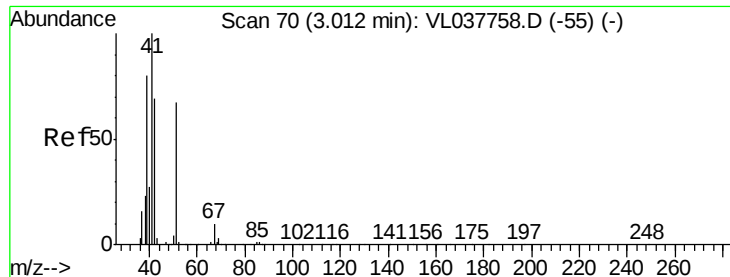
135 73.5 59.5 89.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 8.843 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

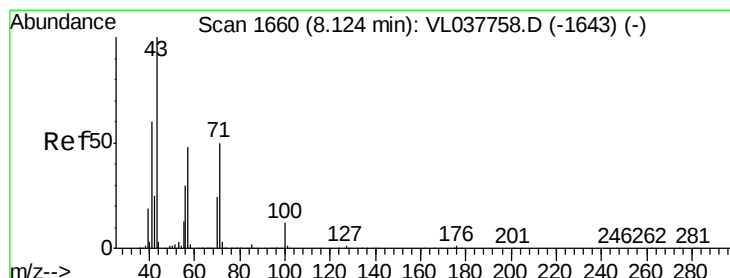
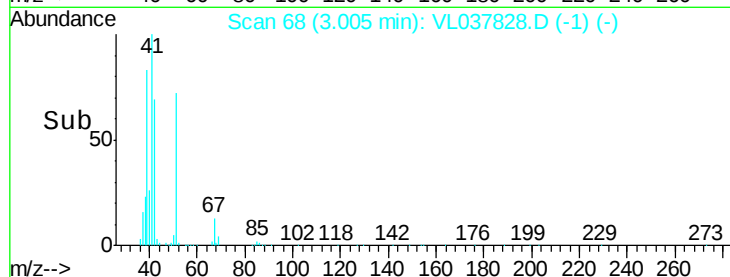
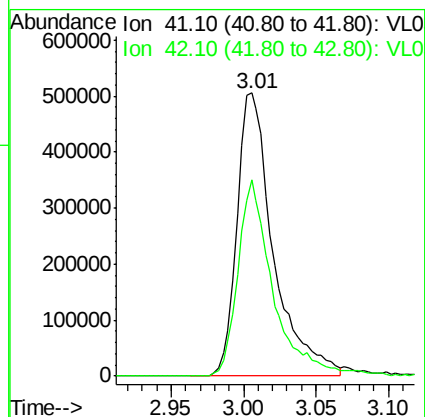
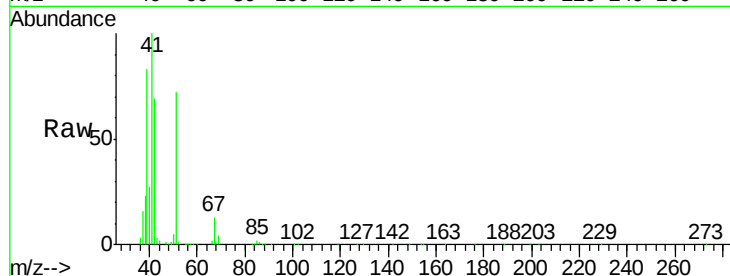
Acq: 12 Oct 2021 11:56 VSTDCCC010

Tgt Ion: 41 Resp: 881447

Ion Ratio Lower Upper

41 100

42 67.6 54.2 81.2



#10

Heptane

Concen: 9.835 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VL037828.D

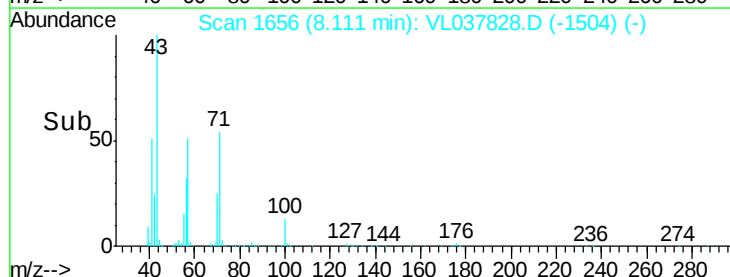
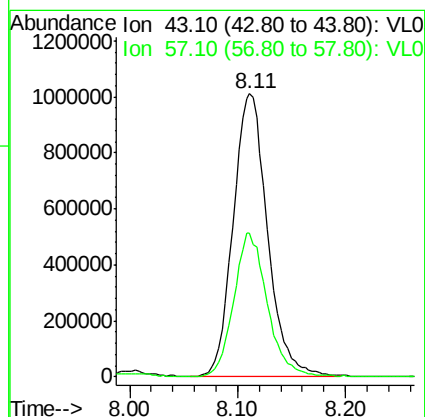
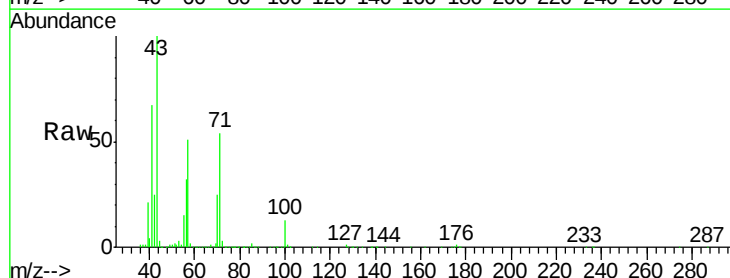
Acq: 12 Oct 2021 11:56

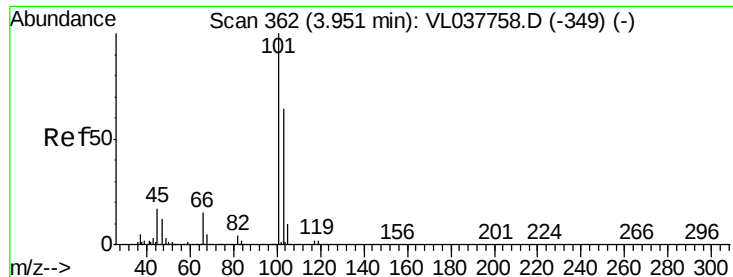
Tgt Ion: 43 Resp: 2226411

Ion Ratio Lower Upper

43 100

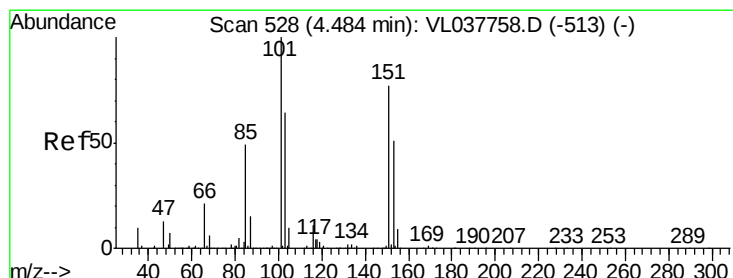
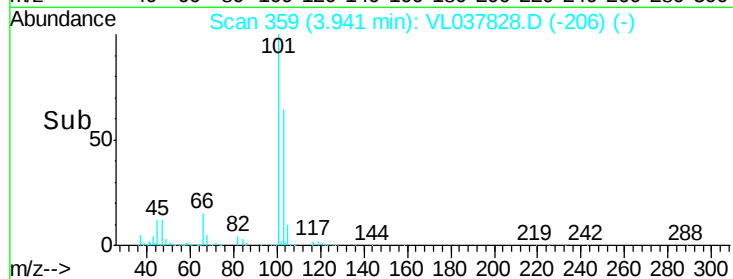
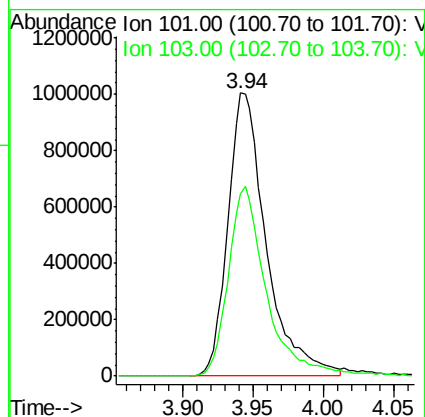
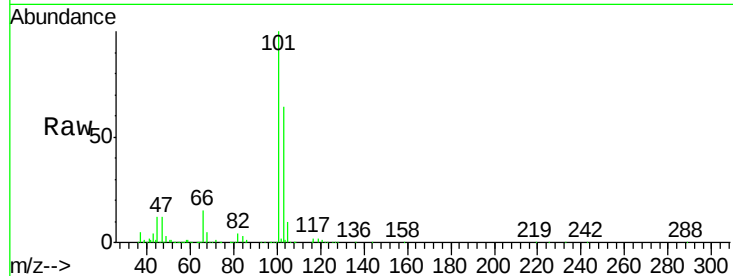
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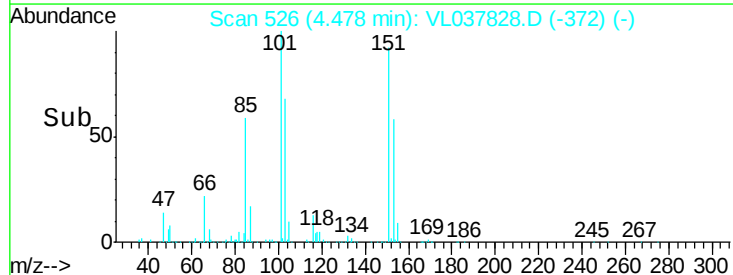
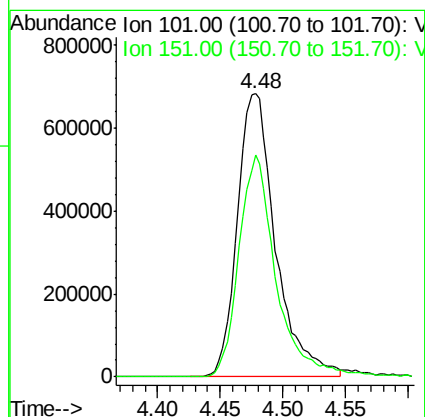
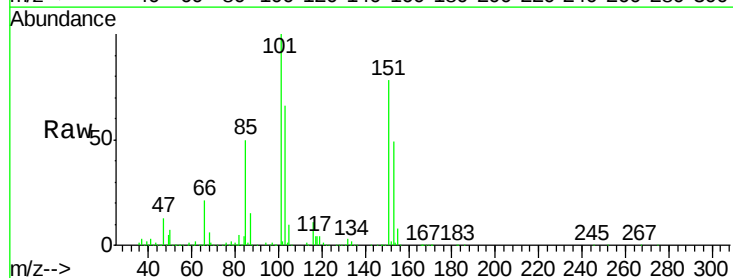
#11
 Trichlorofluoromethane
 Concen: 9.508 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:58

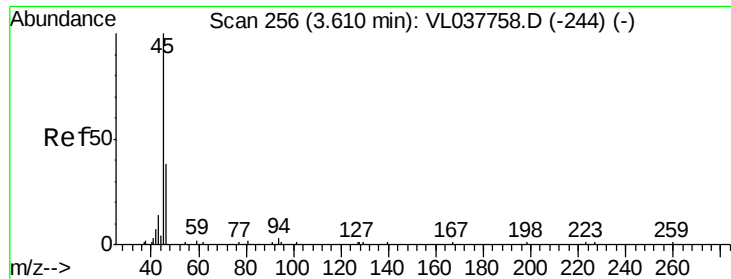
Tgt Ion:101 Resp: 1910232
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.541 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

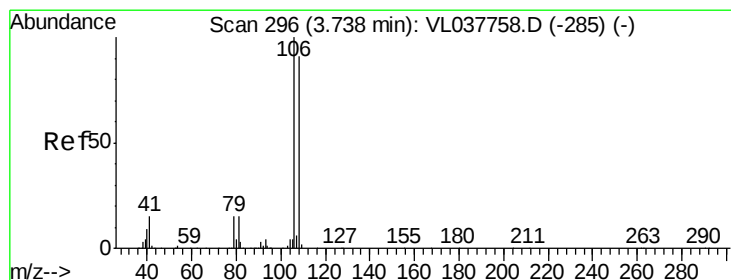
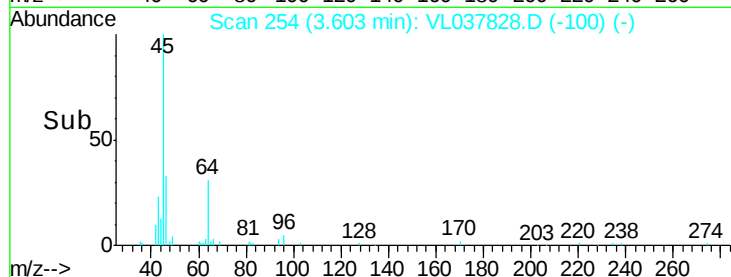
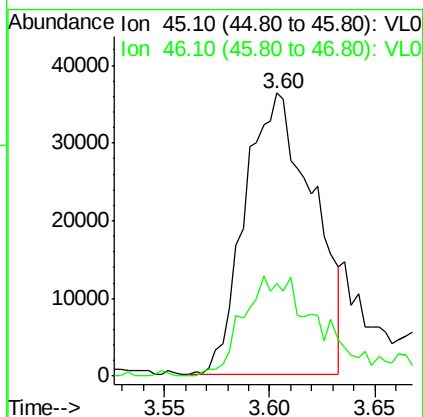
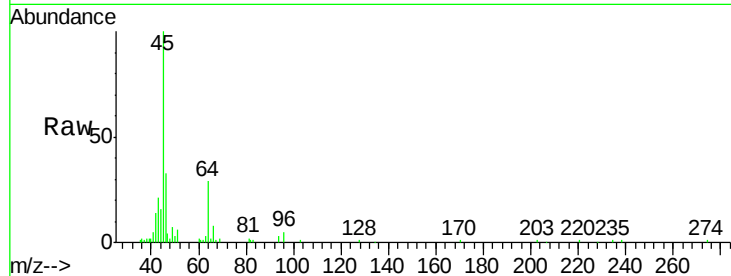
Tgt Ion:101 Resp: 1452417
 Ion Ratio Lower Upper
 101 100
 151 76.8 62.9 94.3





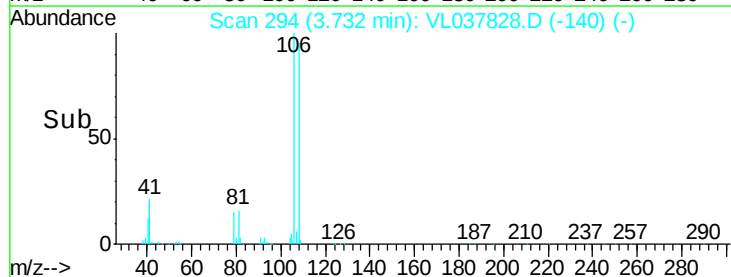
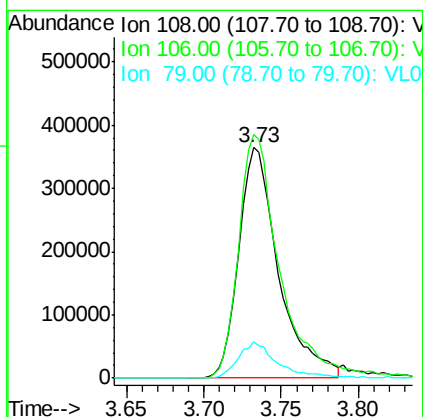
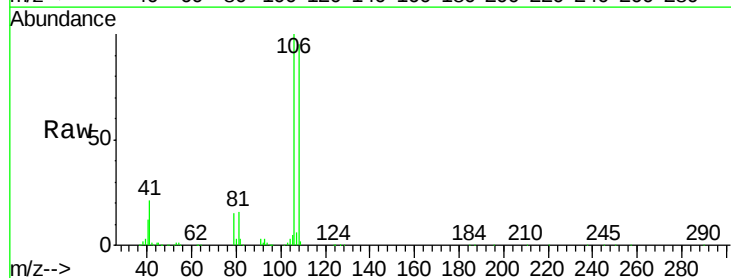
#13
Ethanol
Concen: 10.028 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 11:58

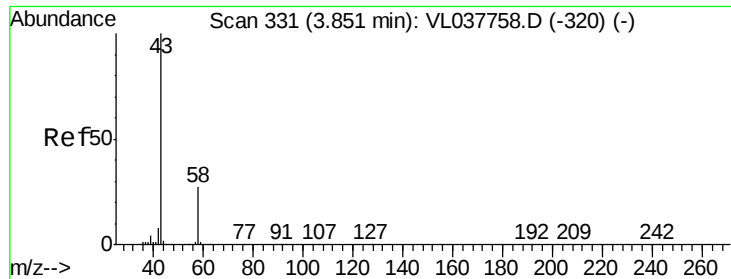
Tgt Ion: 45 Resp: 81743
Ion Ratio Lower Upper
45 100
46 44.8 20.2 81.0



#14
Bromoethene
Concen: 9.772 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion: 108 Resp: 654095
Ion Ratio Lower Upper
108 100
106 111.0 91.9 137.9
79 16.1 13.9 20.9





#15

Acetone

Concen: 8.650 ppbv

RT: 3.84 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

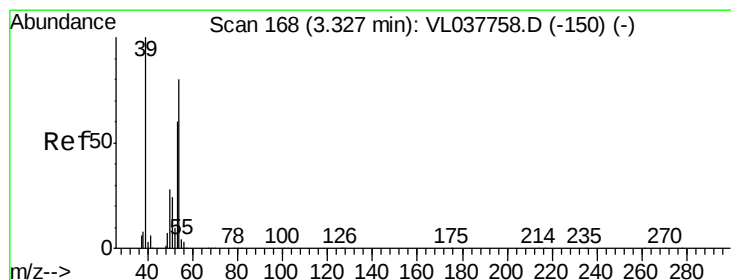
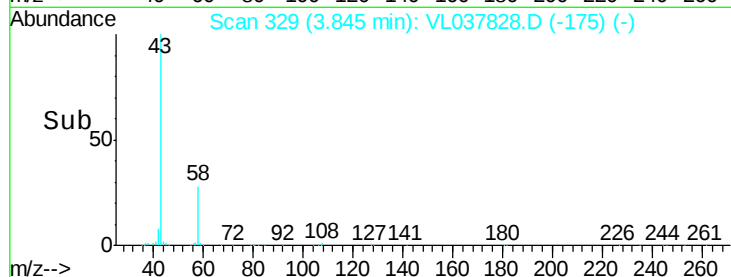
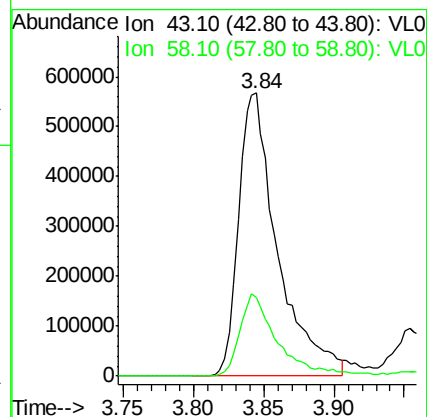
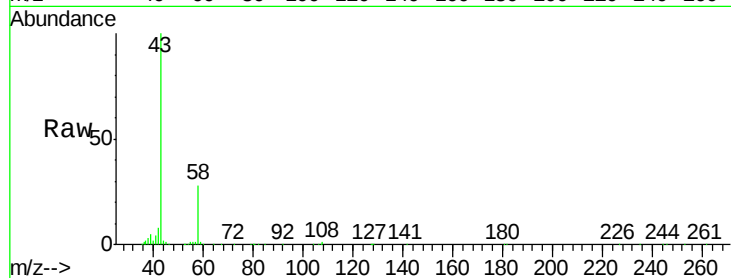
Acq: 12 Oct 2021 11:56 VSTDCCC010

Tgt Ion: 43 Resp: 1094757

Ion Ratio Lower Upper

43 100

58 28.1 23.0 34.6



#16

1,3-Butadiene

Concen: 10.044 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.01 min

Lab File: VL037828.D

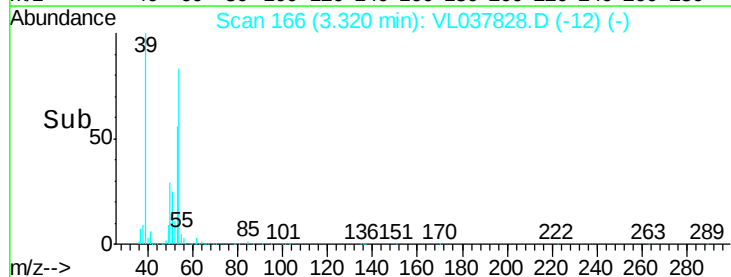
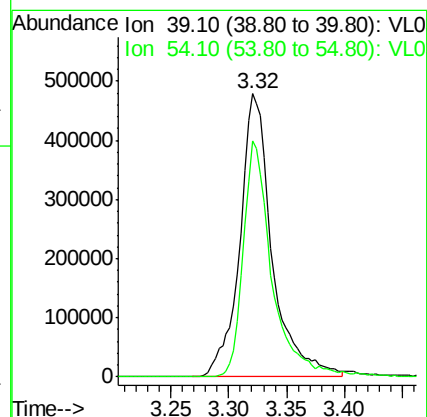
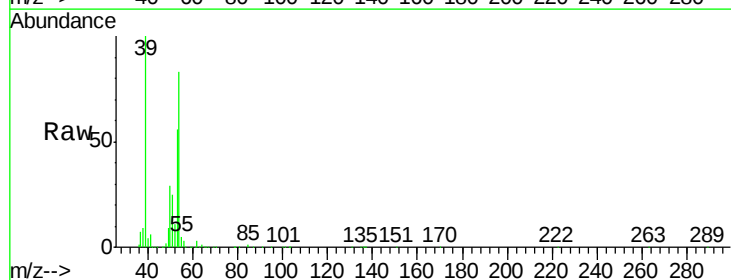
Acq: 12 Oct 2021 11:56

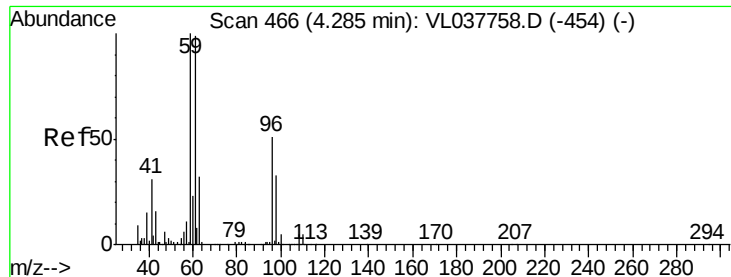
Tgt Ion: 39 Resp: 924861

Ion Ratio Lower Upper

39 100

54 75.0 61.7 92.5





#17

tert-Butyl alcohol

Concen: 9.178 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

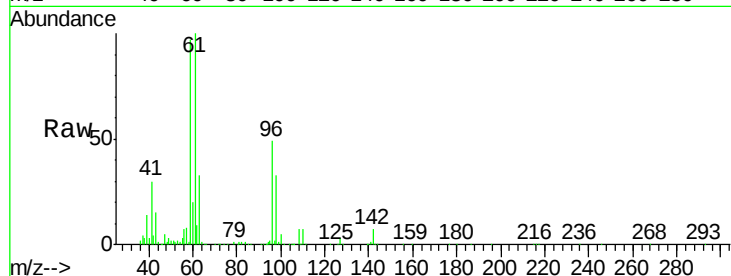
Acq: 12 Oct 2021 11:58

Tgt Ion: 59 Resp: 1196287

Ion Ratio Lower Upper

59 100

57 11.2 8.6 13.0



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.28

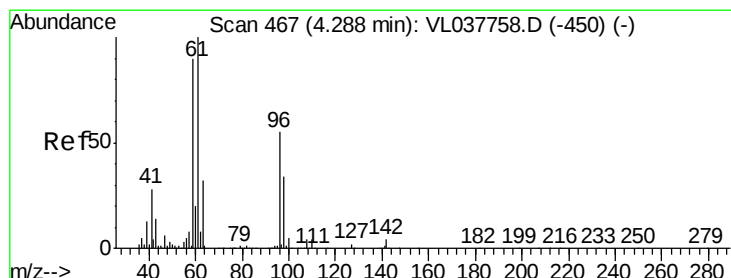
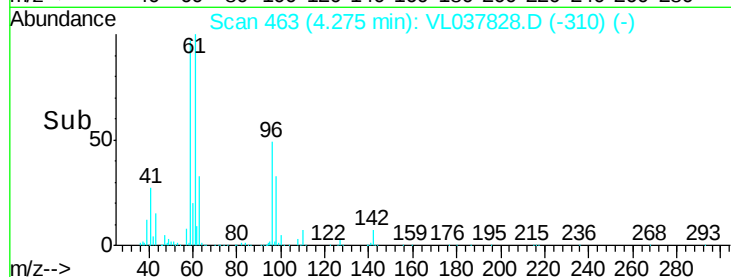
600000

400000

200000

0

Time--> 4.20 4.25 4.30 4.35



#18

1,1-Dichloroethene

Concen: 9.493 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.01 min

Lab File: VL037828.D

Acq: 12 Oct 2021 11:56

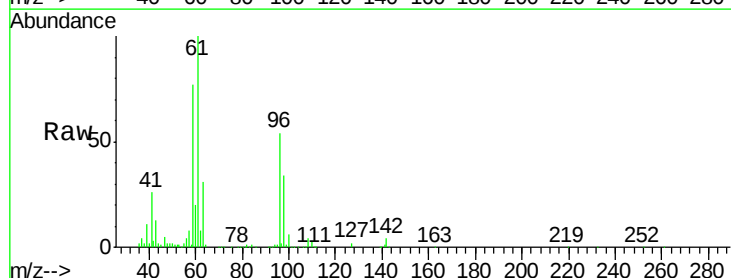
Tgt Ion: 96 Resp: 656776

Ion Ratio Lower Upper

96 100

61 185.2 146.2 219.4

98 63.1 50.0 75.0



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

4.28

800000

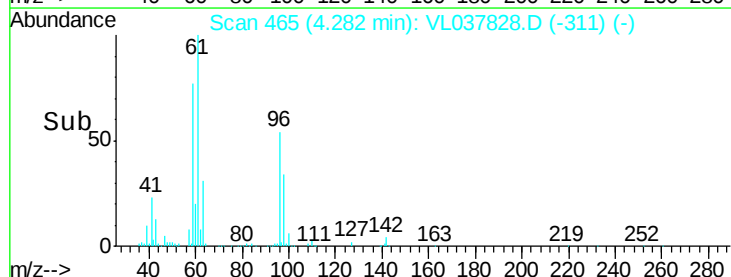
600000

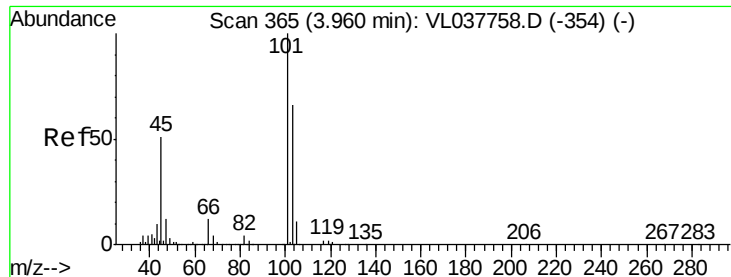
400000

200000

0

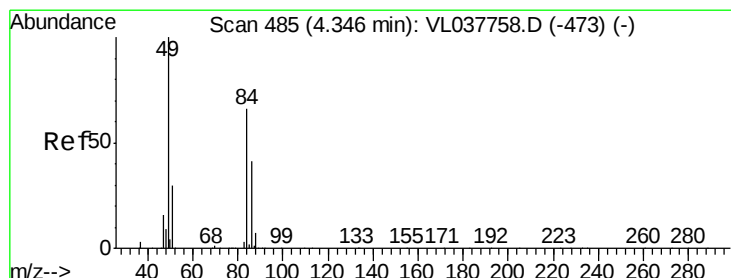
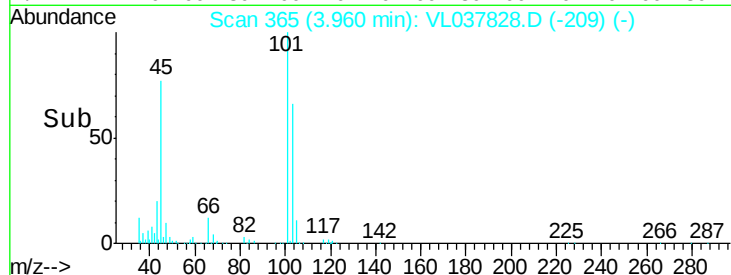
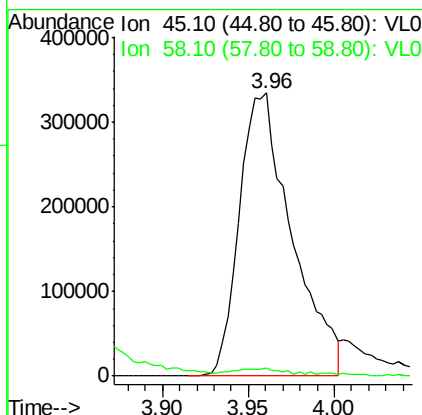
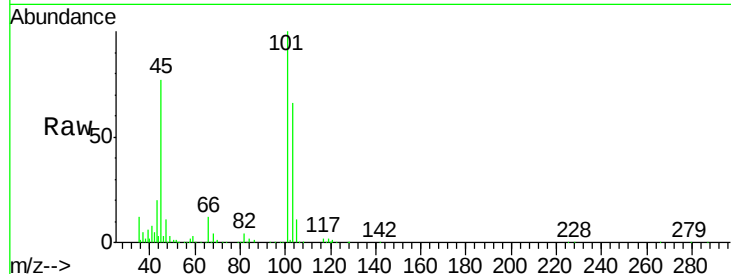
Time--> 4.20 4.25 4.30 4.35





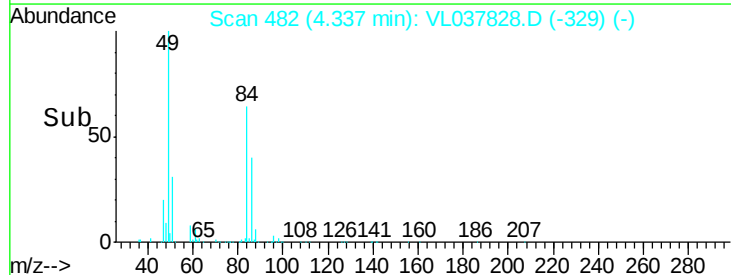
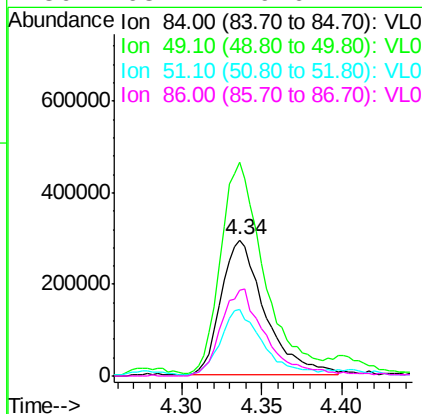
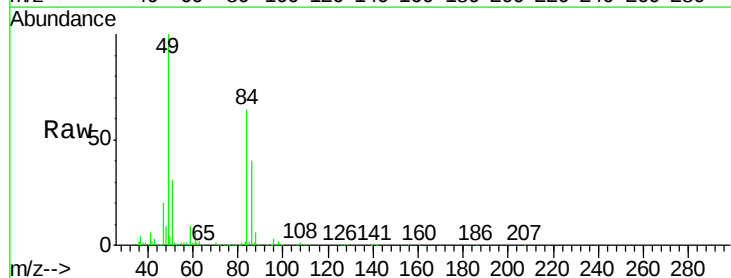
#19
Isopropyl Alcohol
Concen: 9.008 ppbv
RT: 3.96
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 11:56

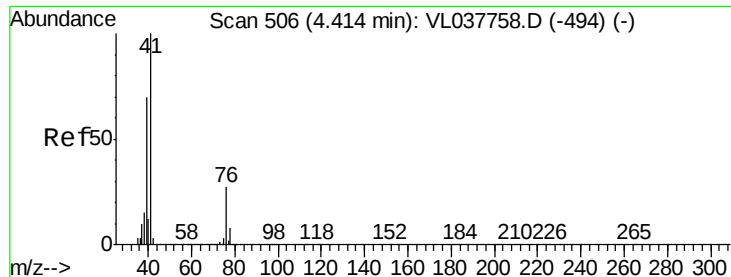
Tgt Ion: 45 Resp: 709299
Ion Ratio Lower Upper
45 100
58 3.4 1.1 1.7#



#20
Methylene Chloride
Concen: 8.724 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion: 84 Resp: 557894
Ion Ratio Lower Upper
84 100
49 155.9 120.7 181.1
51 48.0 36.2 54.4
86 63.2 49.6 74.4





#21

Allyl Chloride

Concen: 9.308 ppbv

RT: 4.40 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 12 Oct 2021 11:56 VSTDCCC010

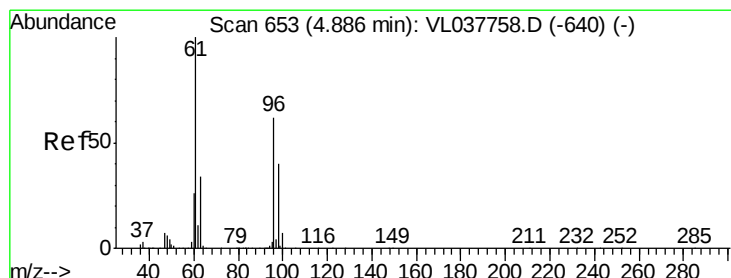
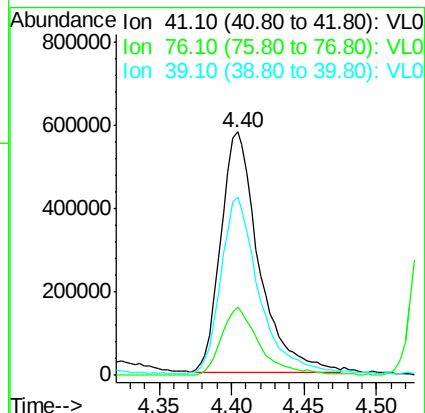
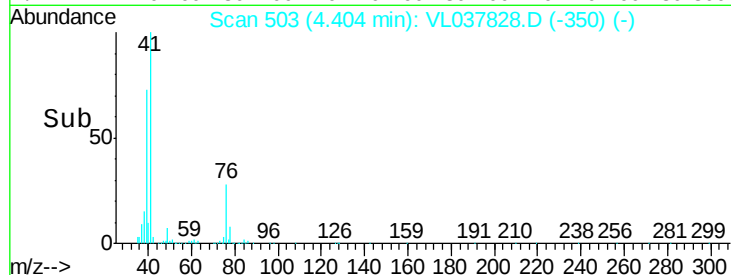
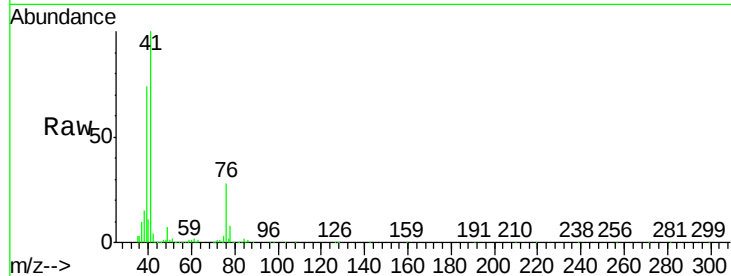
Tgt Ion: 41 Resp: 1043633

Ion Ratio Lower Upper

41 100

76 29.0 22.4 33.6

39 77.2 58.0 87.0



#22

trans-1,2-Dichloroethene

Concen: 9.775 ppbv

RT: 4.88 min Scan# 650

Delta R.T. -0.01 min

Lab File: VL037828.D

Acq: 12 Oct 2021 11:56

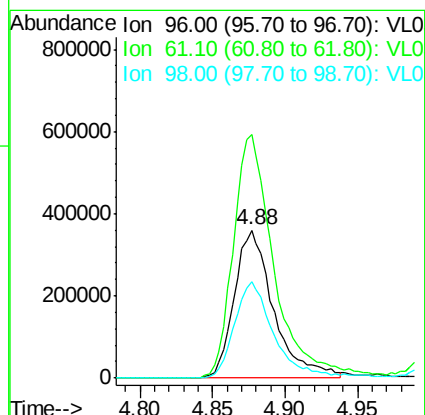
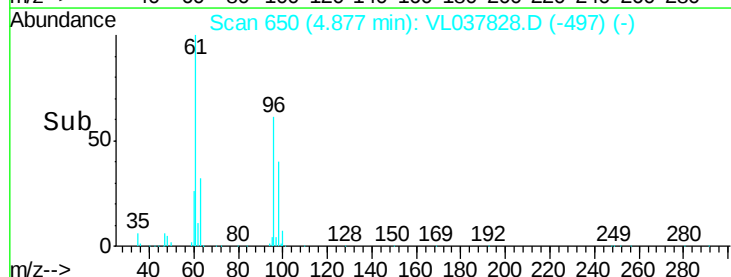
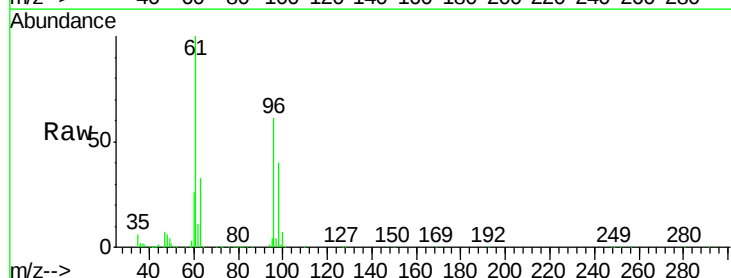
Tgt Ion: 96 Resp: 679892

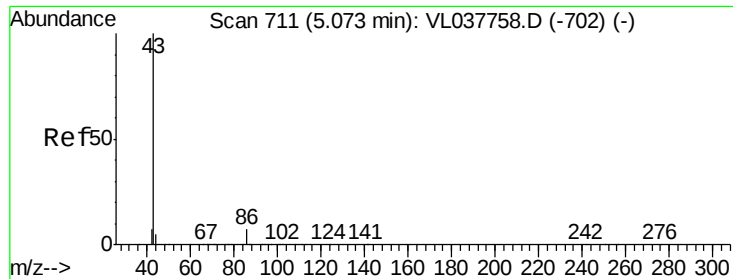
Ion Ratio Lower Upper

96 100

61 164.5 129.0 193.6

98 65.4 51.7 77.5

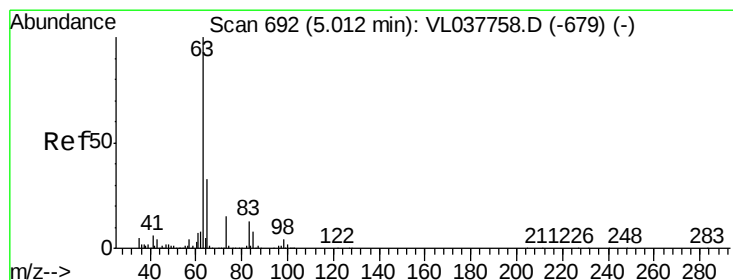
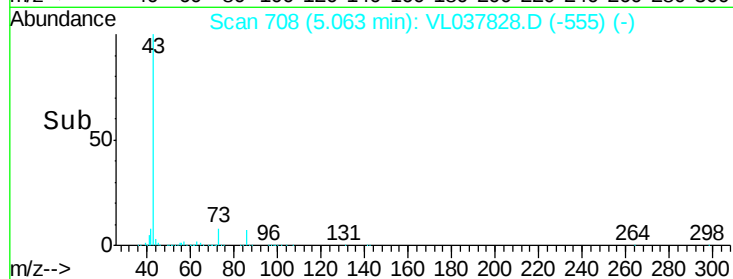
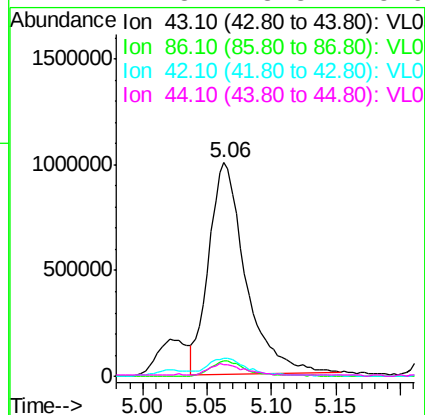
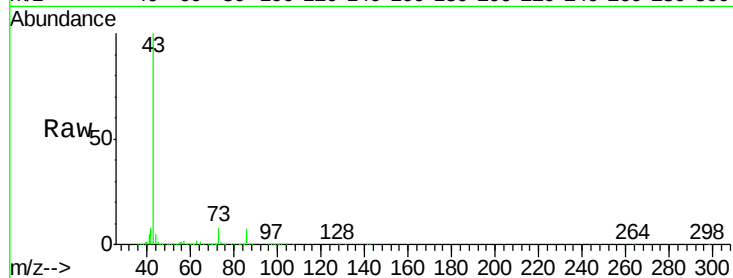




#23
 Vinyl Acetate
 Concen: 10.463 ppbv
 RT: 5.06
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:56

Tgt Ion: 43 Resp: 1984549

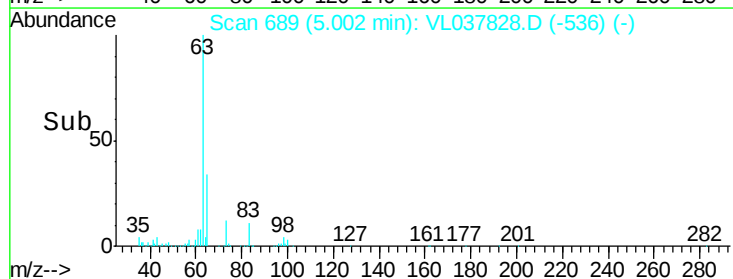
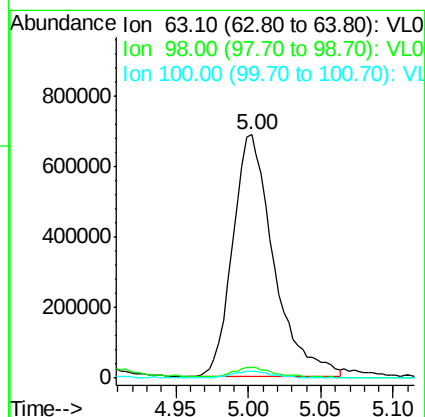
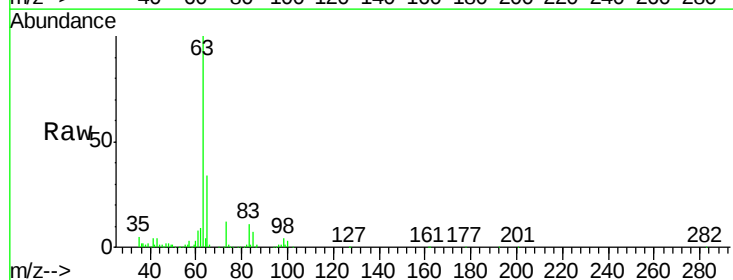
Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.0	7.4
42	8.1	7.4	11.0
44	4.8	3.8	5.6

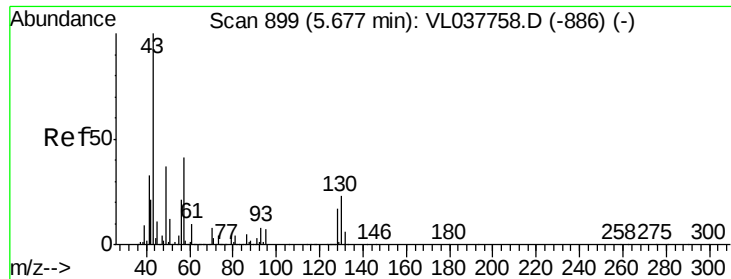


#24
 1,1-Dichloroethane
 Concen: 9.777 ppbv
 RT: 5.00 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion: 63 Resp: 1349887

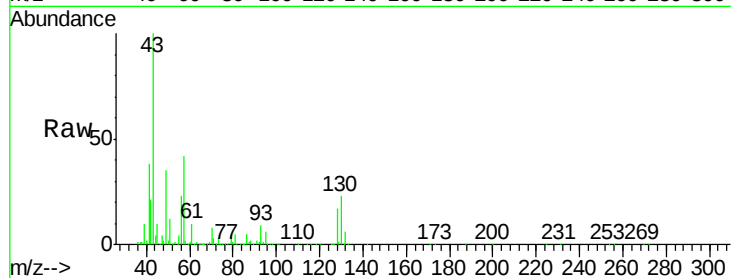
Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.3	6.9
100	2.5	1.1	3.1



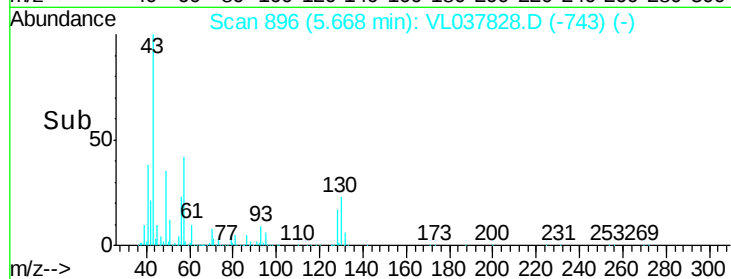
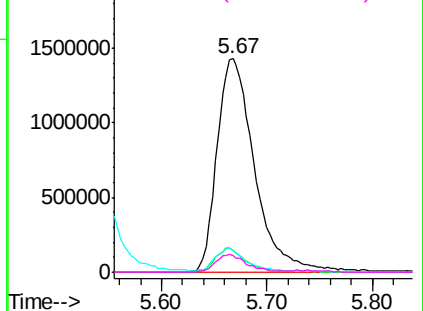


#25
Ethyl Acetate
Concen: 9.850 ppbv
RT: 5.67
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 12 Oct 2021 11:56

Tgt Ion:	43	Resp:	3498037
Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.1	12.1
61	10.1	7.5	11.3
70	6.9	5.9	8.9

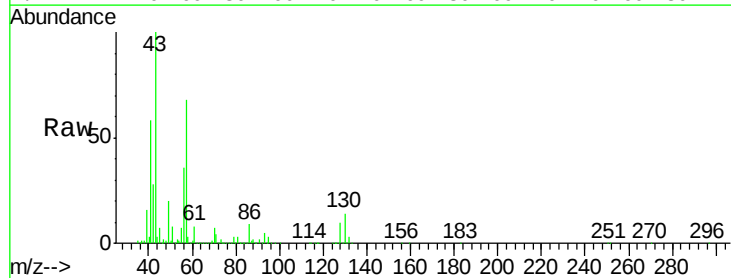
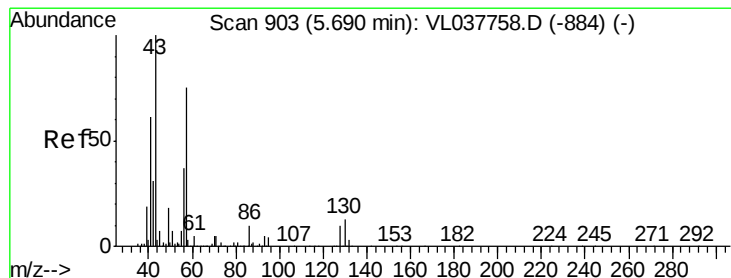


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

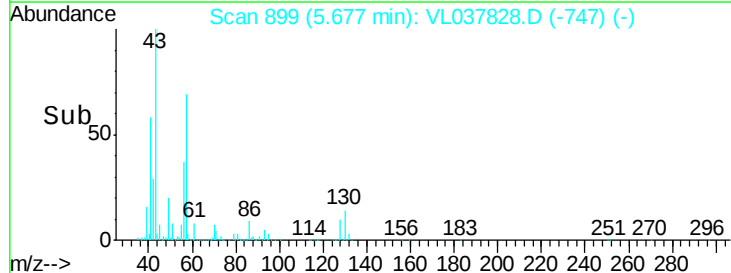
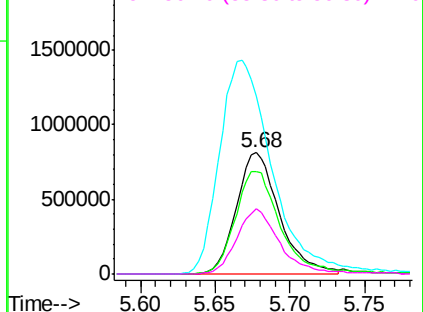


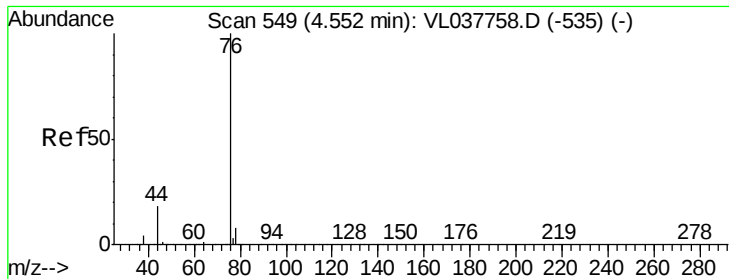
#26
Hexane
Concen: 9.315 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion:	57	Resp:	1628945
Ion	Ratio	Lower	Upper
57	100		
41	90.2	69.6	104.4
43	217.8	171.4	257.0
56	54.4	42.0	63.0



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





#27

Carbon Disulfide

Concen: 10.685 ppbv

RT: 4.54 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 12 Oct 2021 11:56

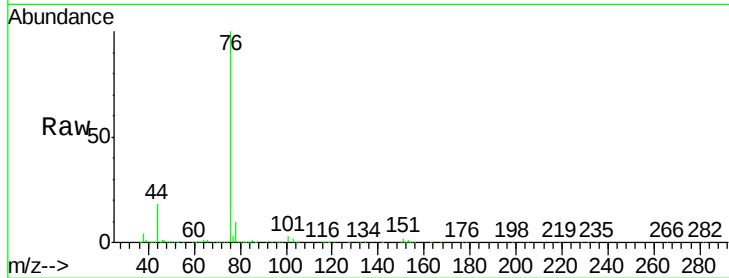
Tgt Ion: 76 Resp: 1656014

Ion Ratio Lower Upper

76 100

44 17.1 14.3 21.5

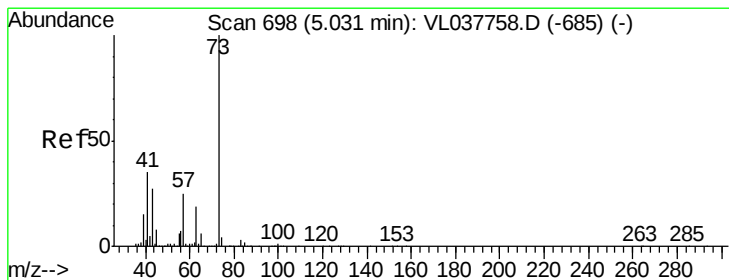
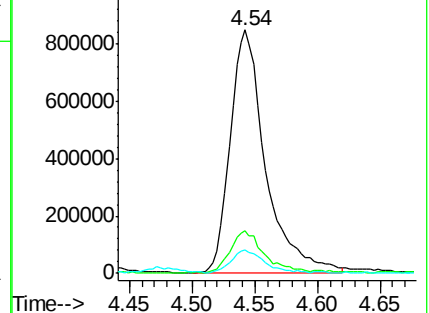
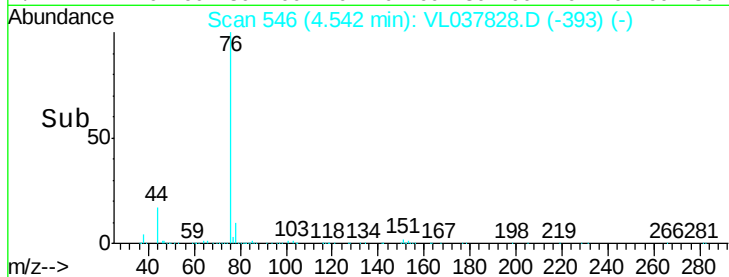
78 9.6 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.939 ppbv

RT: 5.02 min Scan# 696

Delta R.T. -0.01 min

Lab File: VL037828.D

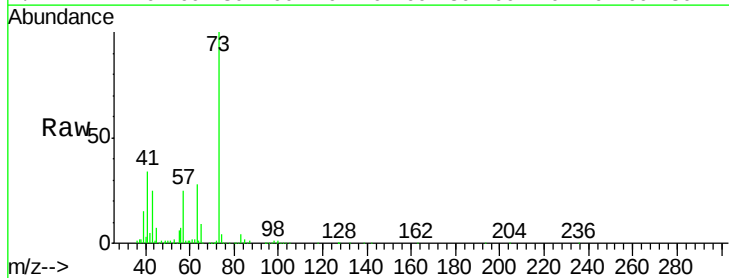
Acq: 12 Oct 2021 11:56

Tgt Ion: 73 Resp: 1447058

Ion Ratio Lower Upper

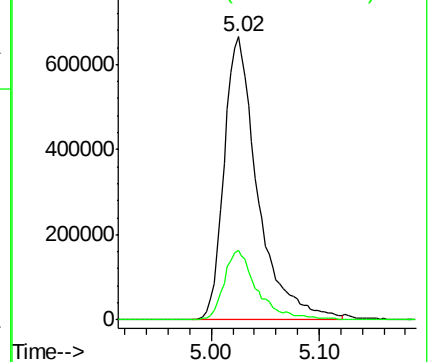
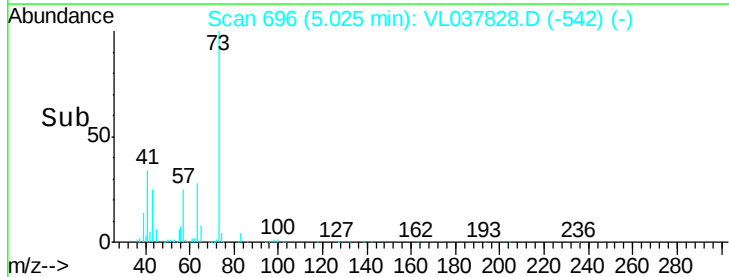
73 100

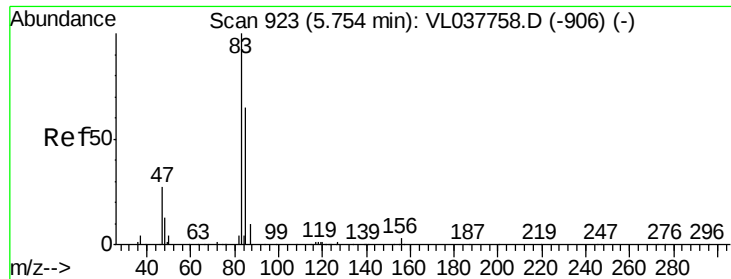
57 24.5 20.4 30.6



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.450 ppbv

RT: 5.74 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

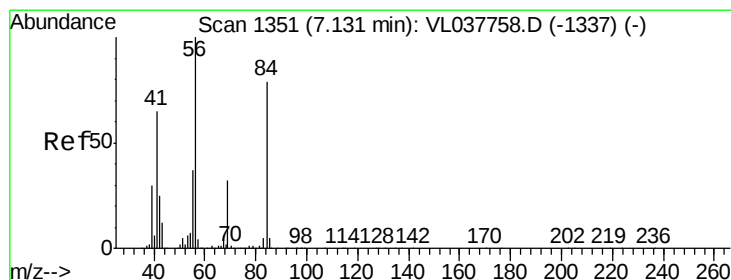
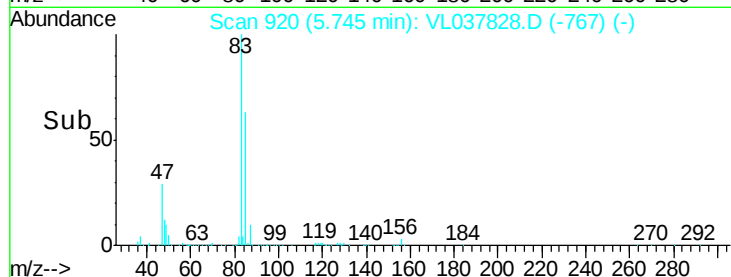
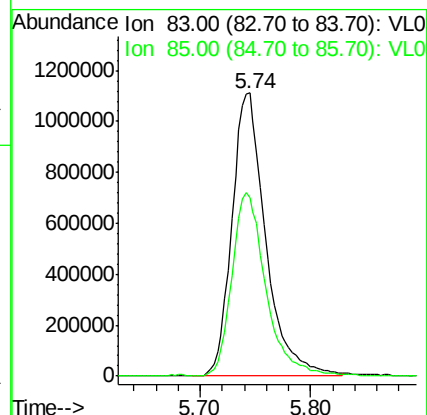
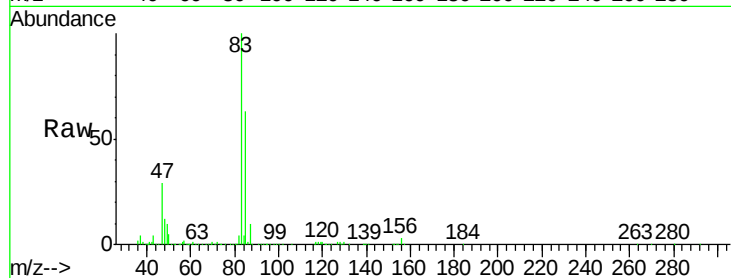
Acq: 12 Oct 2021 11:56

Tgt Ion: 83 Resp: 2362225

Ion Ratio Lower Upper

83 100

85 62.7 51.8 77.8



#30

Cyclohexane

Concen: 9.331 ppbv

RT: 7.12 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VL037828.D

Acq: 12 Oct 2021 11:56

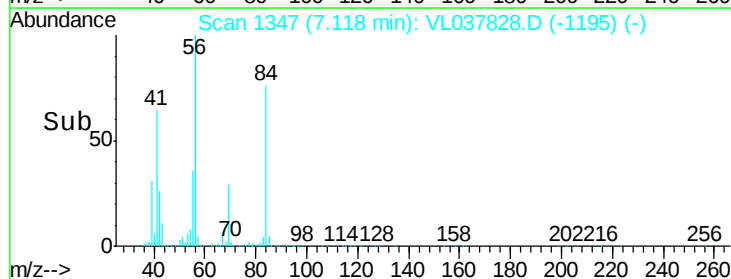
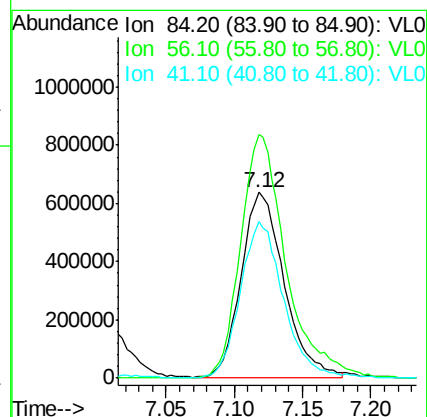
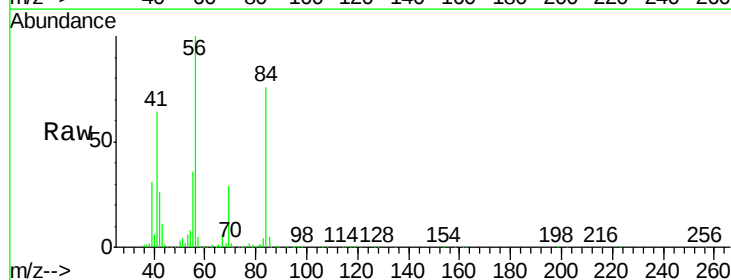
Tgt Ion: 84 Resp: 1383789

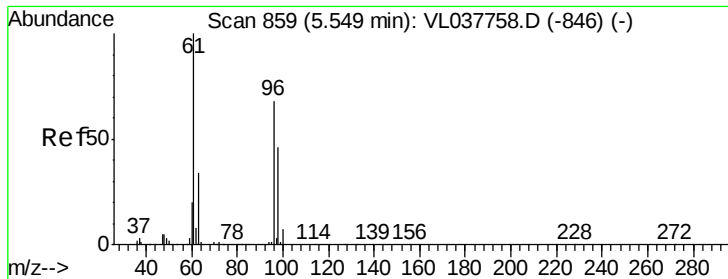
Ion Ratio Lower Upper

84 100

56 140.6 113.0 169.4

41 86.2 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 9.701 ppbv

RT: 5.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 11:56 VSTDCCC010

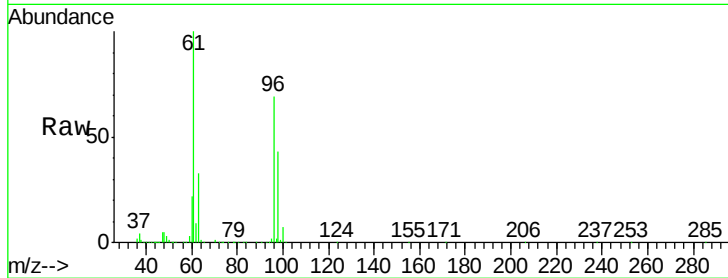
Tgt Ion: 61 Resp: 1540119

Ion Ratio Lower Upper

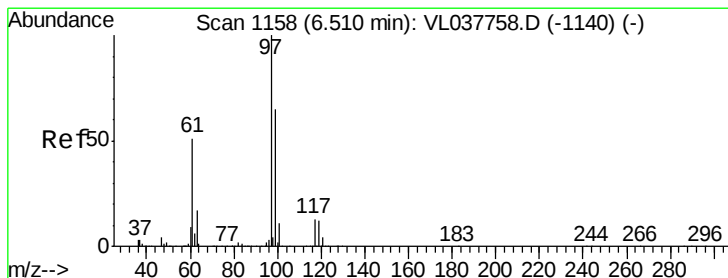
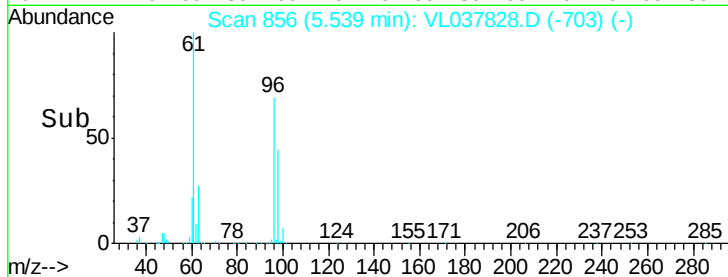
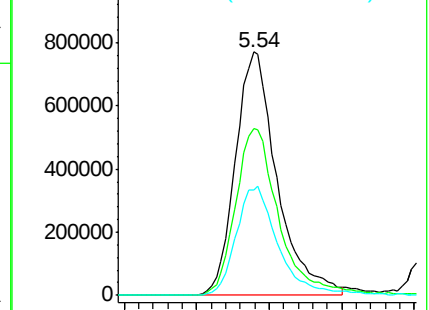
61 100

96 68.6 54.2 81.2

98 43.4 36.6 54.8



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 9.639 ppbv

RT: 6.50 min Scan# 1155

Delta R.T. -0.01 min

Lab File: VL037828.D

Acq: 12 Oct 2021 11:56

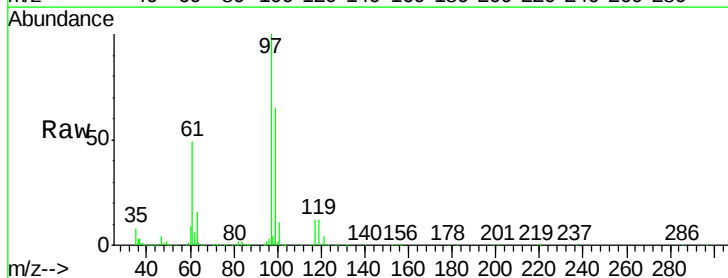
Tgt Ion: 97 Resp: 2284354

Ion Ratio Lower Upper

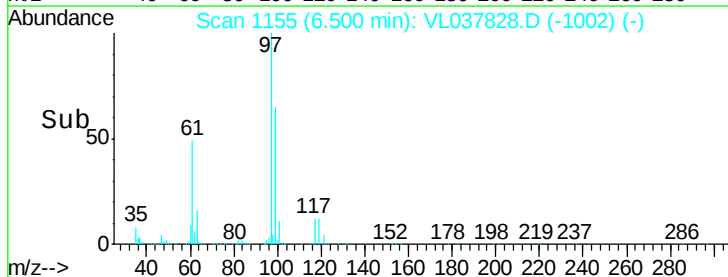
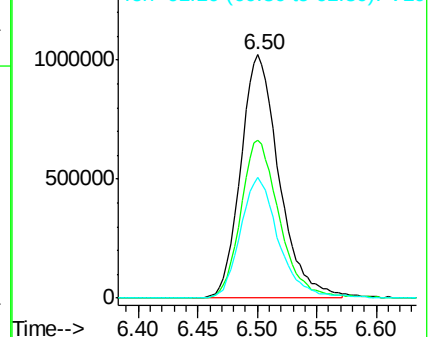
97 100

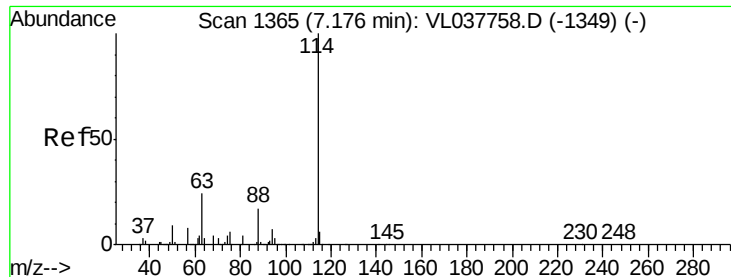
99 65.7 52.6 78.8

61 49.7 40.2 60.4



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0

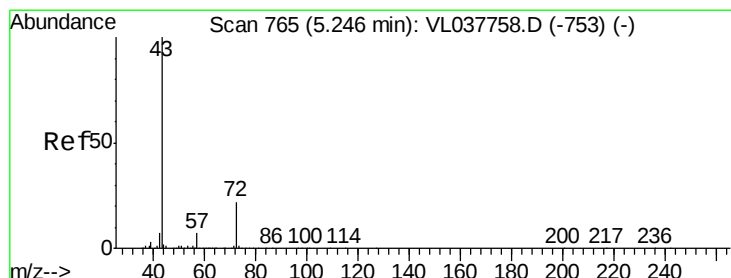
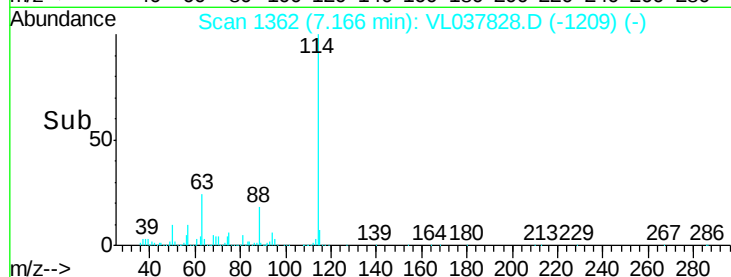
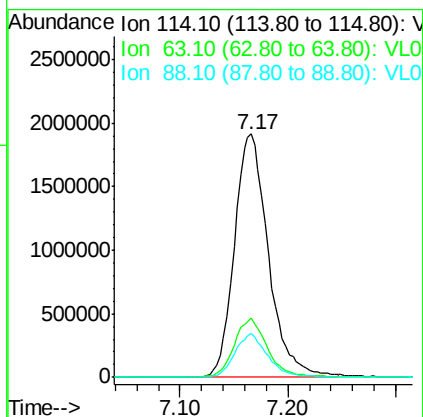
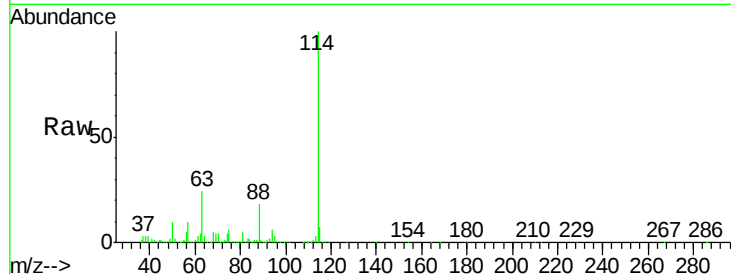




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:56

Tgt Ion: 114 Resp: 4203371

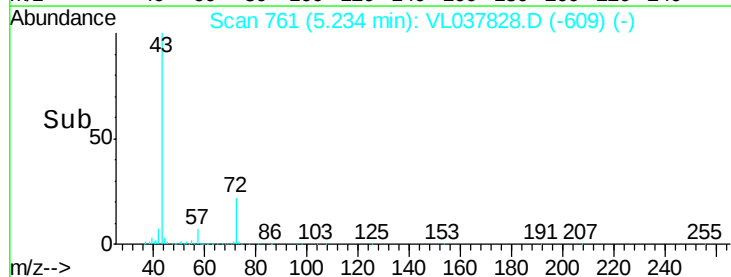
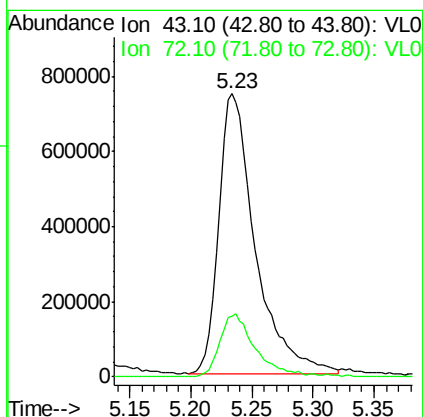
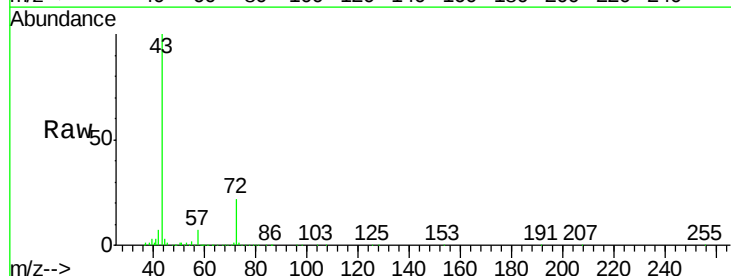
Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.4	29.2
88	17.4	14.4	21.6

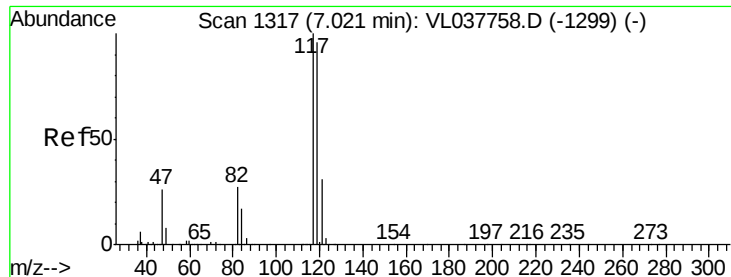


#34
 2-Butanone
 Concen: 9.233 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion: 43 Resp: 1566853

Ion	Ratio	Lower	Upper
43	100		
72	22.2	18.2	27.2

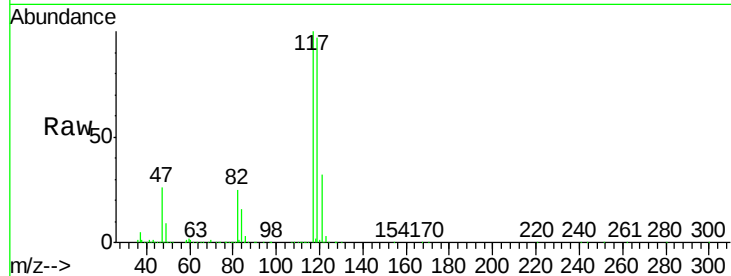




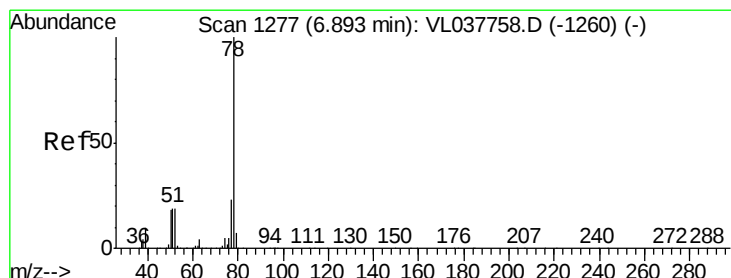
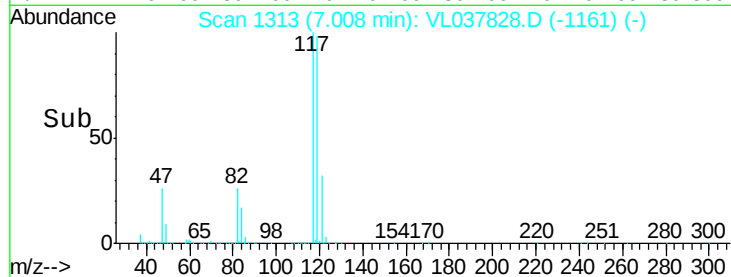
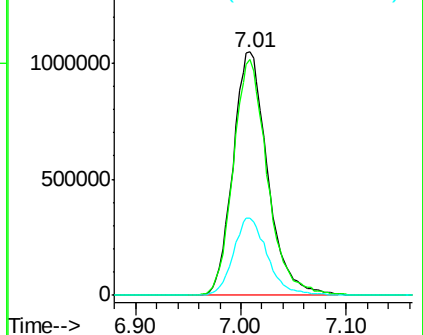
#35
 Carbon Tetrachloride
 Concen: 9.977 ppbv
 RT: 7.01
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 12 Oct 2021 11:56

Tgt Ion: 117 Resp: 2381818

Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.5	114.7
121	31.9	24.9	37.3



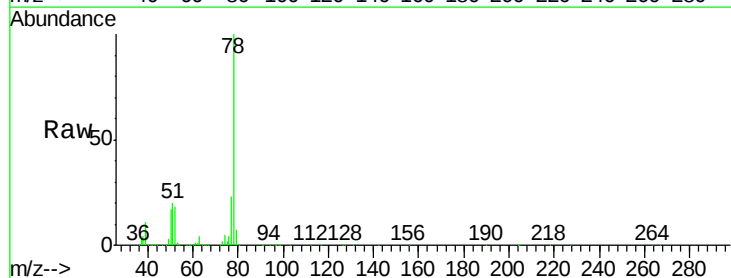
Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V
 Ion 121.00 (120.70 to 121.70): V



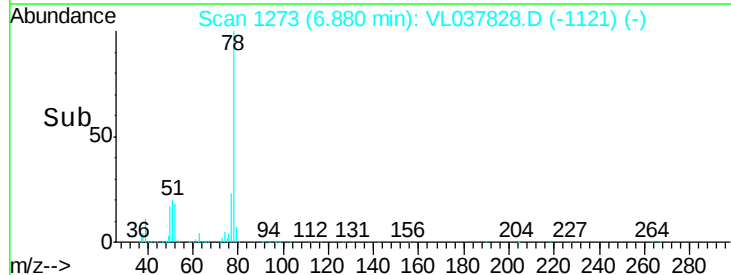
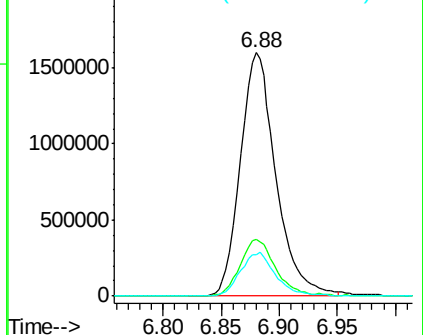
#36
 Benzene
 Concen: 9.476 ppbv
 RT: 6.88 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

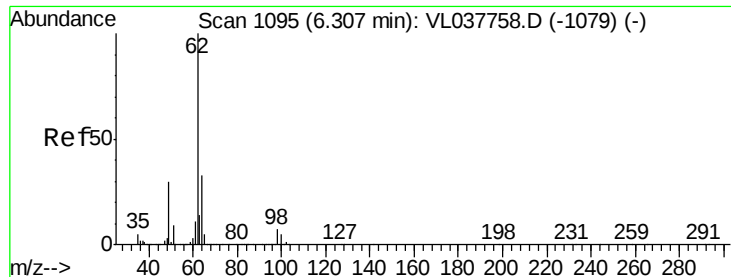
Tgt Ion: 78 Resp: 3402114

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2
50	17.2	14.7	22.1



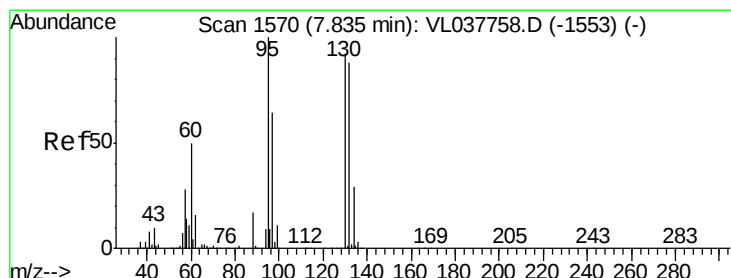
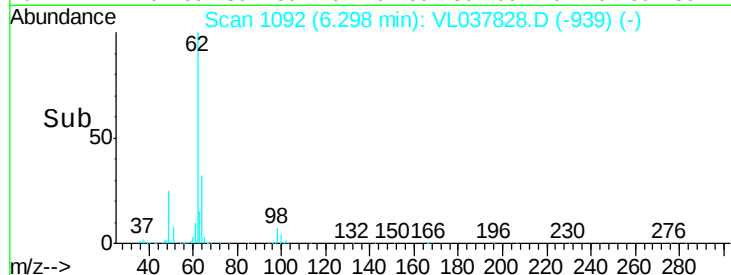
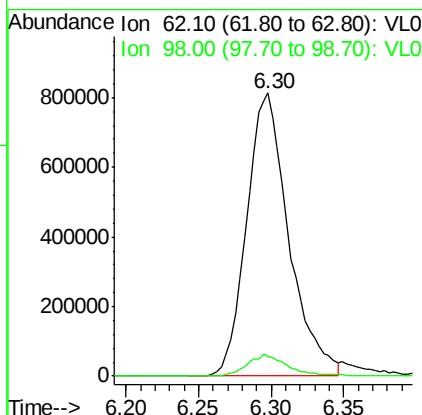
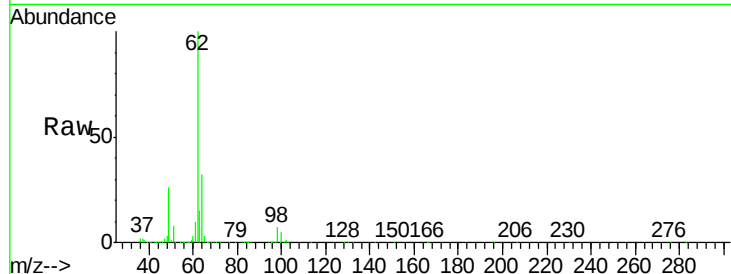
Abundance Ion 78.10 (77.80 to 78.80): VL0
 Ion 77.10 (76.80 to 77.80): VL0
 Ion 50.10 (49.80 to 50.80): VL0





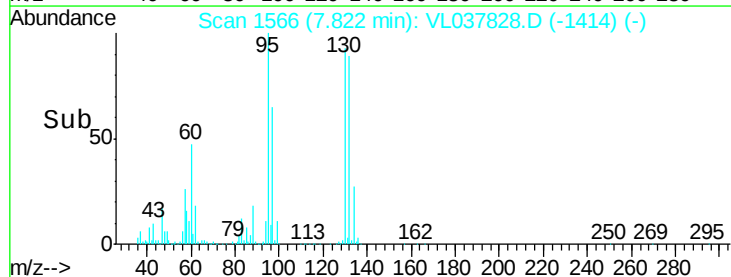
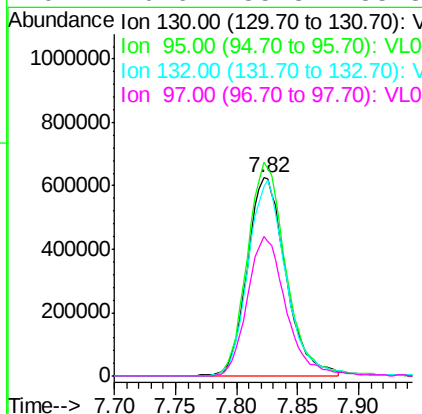
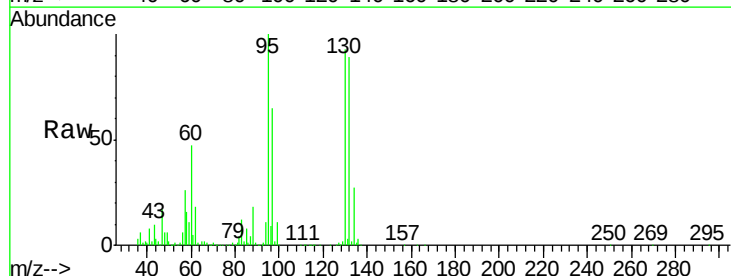
#37
 1,2-Dichloroethane
 Concen: 9.724 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:58

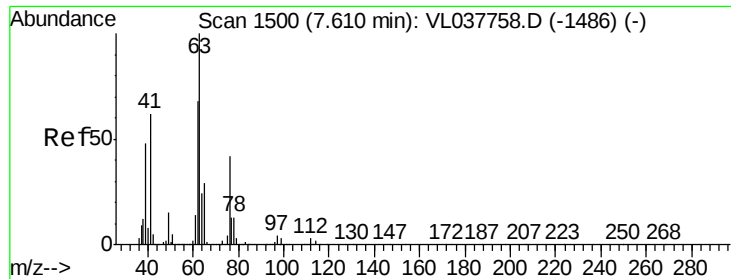
Tgt Ion: 62 Resp: 1643898
 Ion Ratio Lower Upper
 62 100
 98 7.8 6.1 9.1



#38
 Trichloroethene
 Concen: 9.561 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

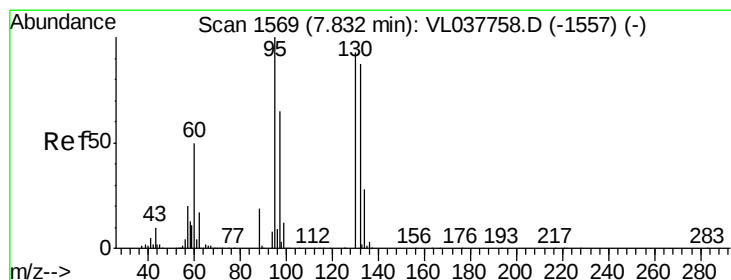
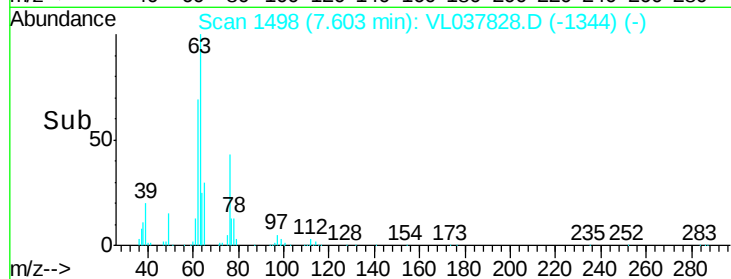
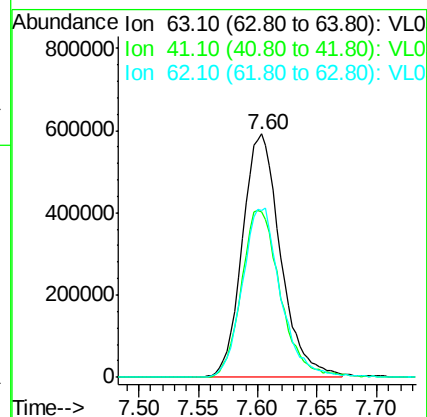
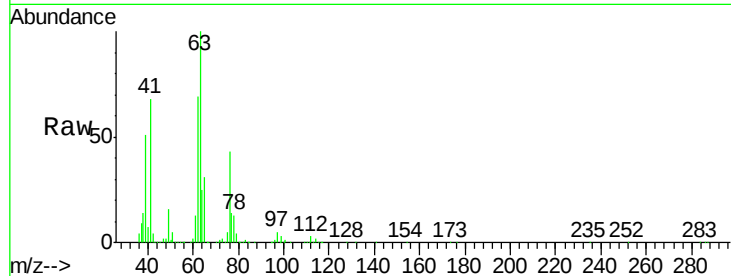
Tgt Ion: 130 Resp: 1356177
 Ion Ratio Lower Upper
 130 100
 95 108.1 87.4 131.0
 132 96.1 76.8 115.2
 97 70.6 55.8 83.8





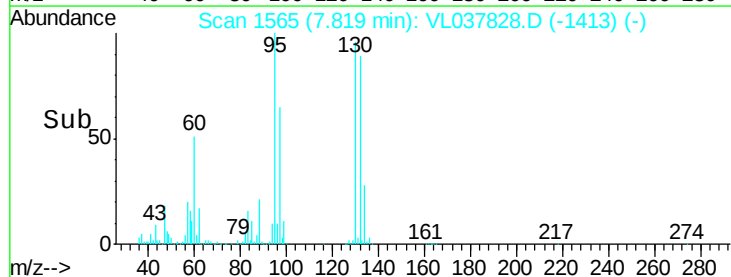
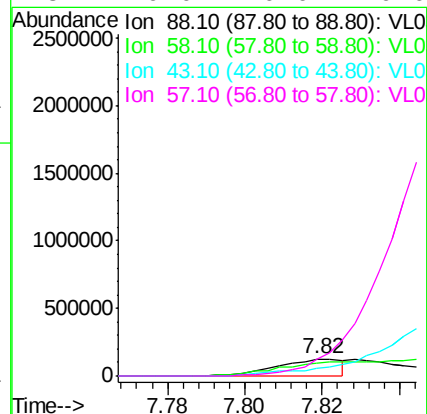
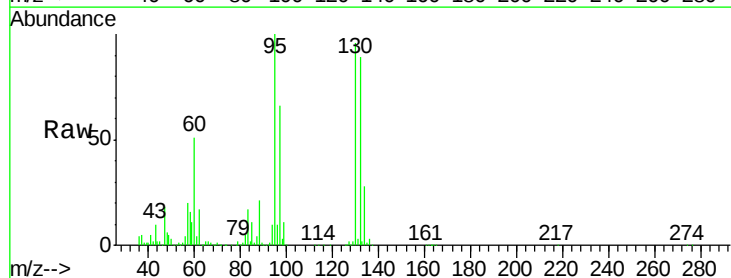
#39
 1,2-Dichloropropane
 Concen: 9.739 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:56

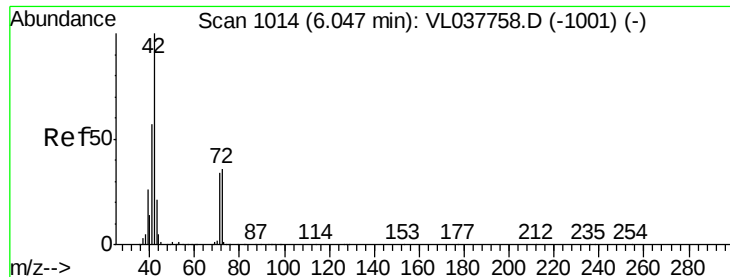
Tgt Ion:	63	Resp:	1315207
Ion	Ratio	Lower	Upper
63	100		
41	67.8	49.8	74.6
62	68.7	54.6	82.0



#40
 1,4-Dioxane
 Concen: 4.407 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion:	88	Resp:	148926
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 9.848 ppbv

RT: 6.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 11:56

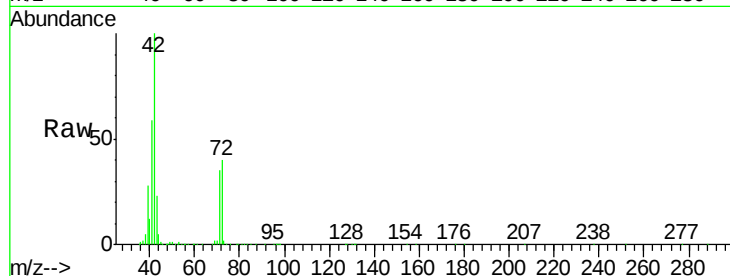
Tgt Ion: 42 Resp: 818298

Ion Ratio Lower Upper

42 100

72 39.0 31.9 47.9

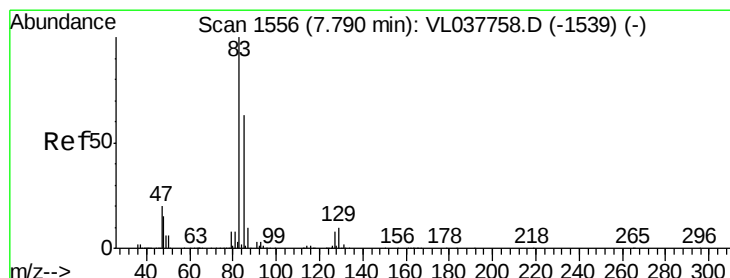
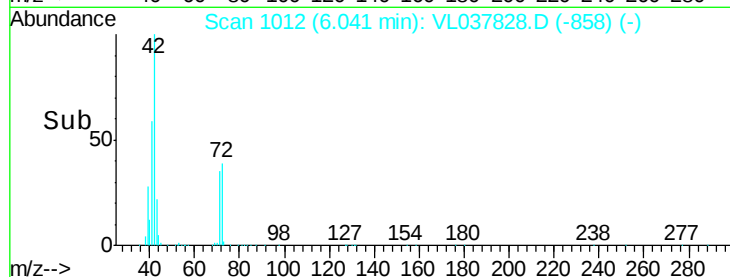
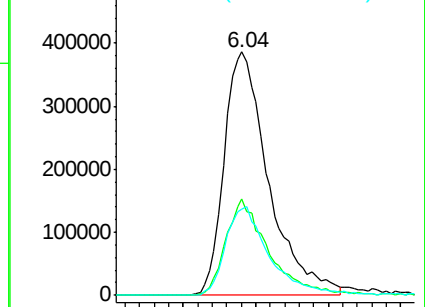
71 36.7 30.3 45.5



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 10.061 ppbv

RT: 7.78 min Scan# 1553

Delta R.T. -0.01 min

Lab File: VL037828.D

Acq: 12 Oct 2021 11:56

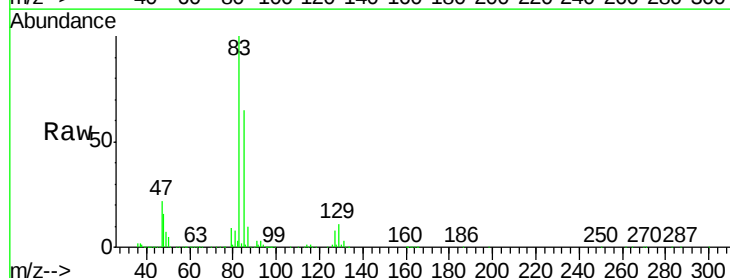
Tgt Ion: 83 Resp: 2498309

Ion Ratio Lower Upper

83 100

85 64.7 50.6 75.8

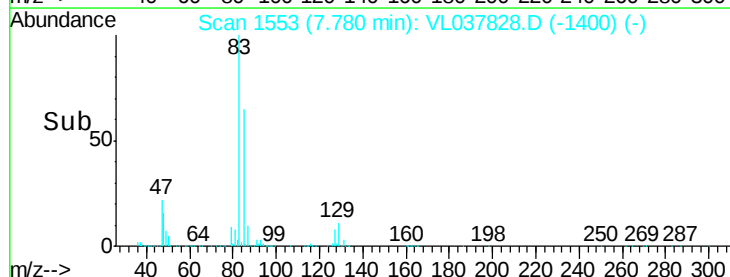
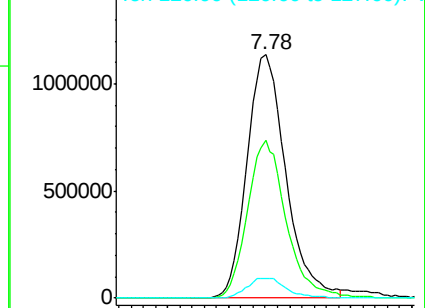
127 7.9 6.2 9.4

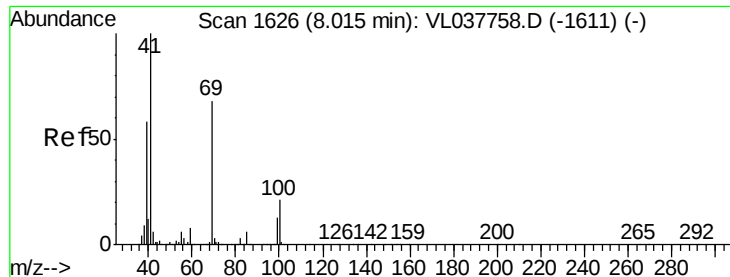


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

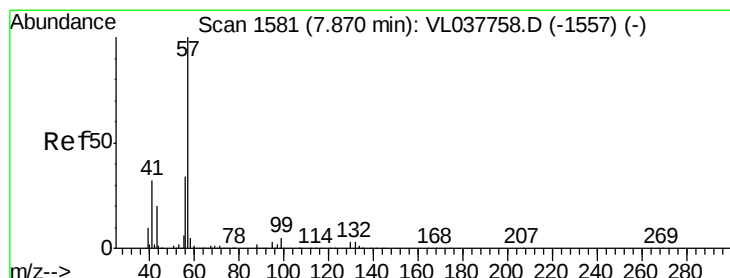
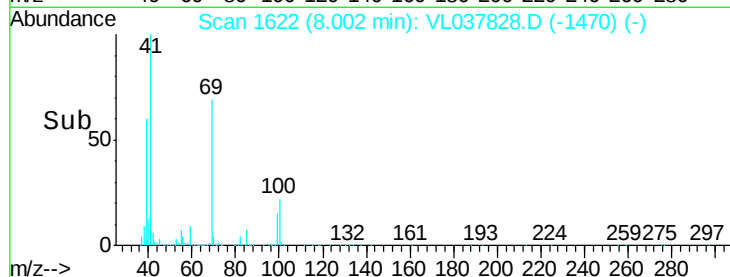
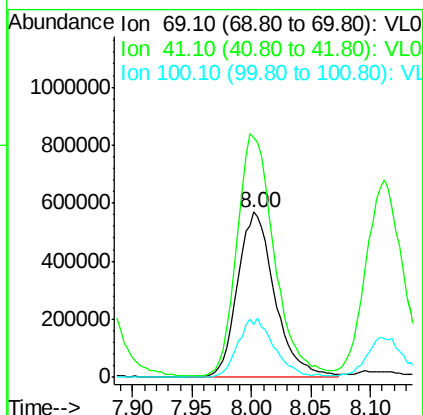
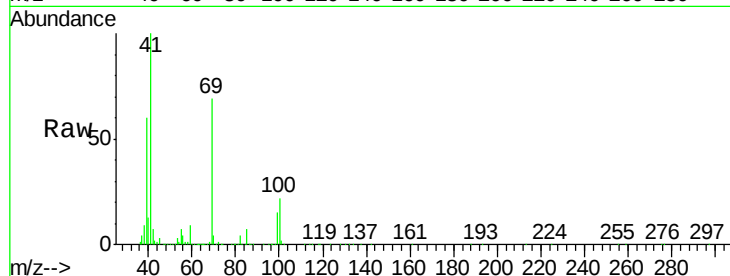
Ion 126.90 (126.60 to 127.60): V





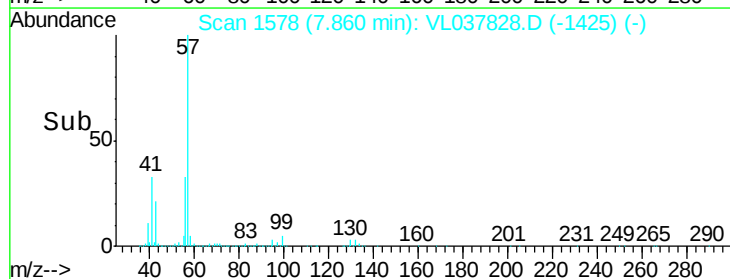
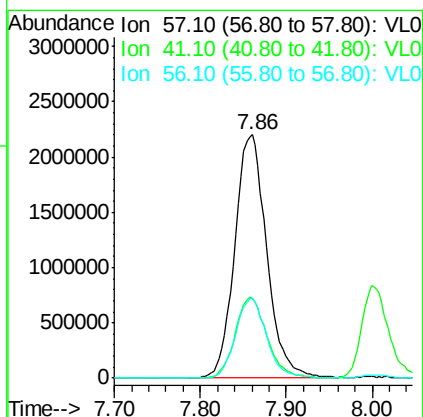
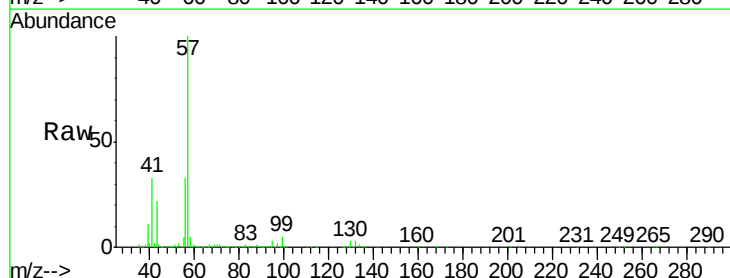
#43
Methyl Methacrylate
Concen: 10.515 ppbv
RT: 8.00
Instrument: MSVOA_1
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010
Acq: 12 Oct 2021 11:56

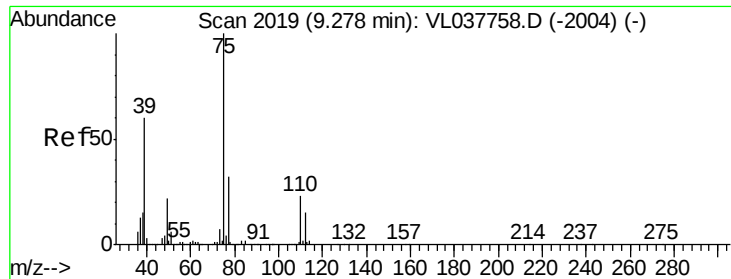
Tgt Ion: 69 Resp: 1233096
Ion Ratio Lower Upper
69 100
41 147.1 121.0 181.4
100 35.1 27.7 41.5



#44
2,2,4-Trimethylpentane
Concen: 9.436 ppbv
RT: 7.86 min Scan# 1578
Delta R.T.: -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

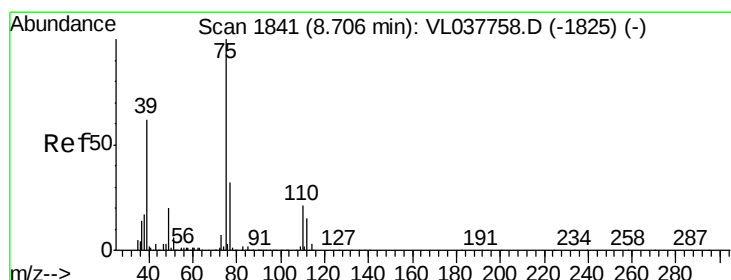
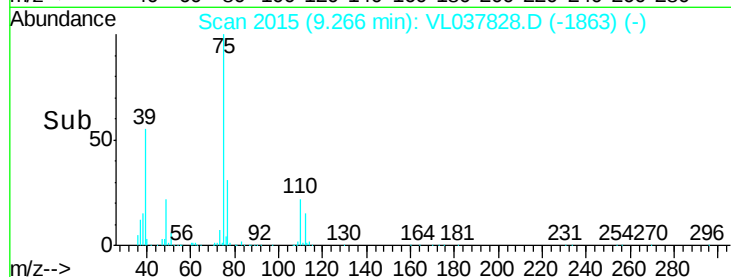
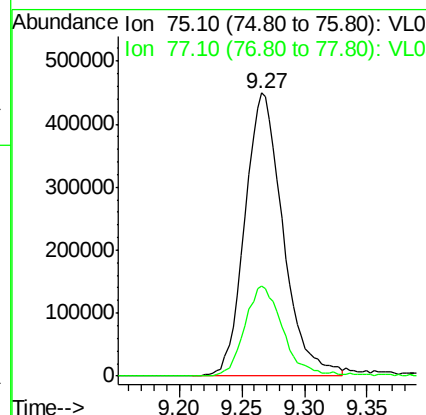
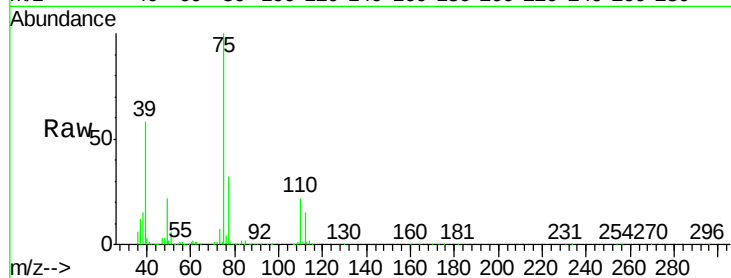
Tgt Ion: 57 Resp: 5691965
Ion Ratio Lower Upper
57 100
41 32.9 25.6 38.4
56 32.0 25.5 38.3





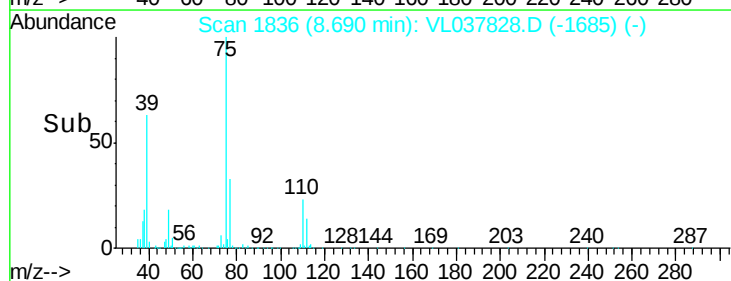
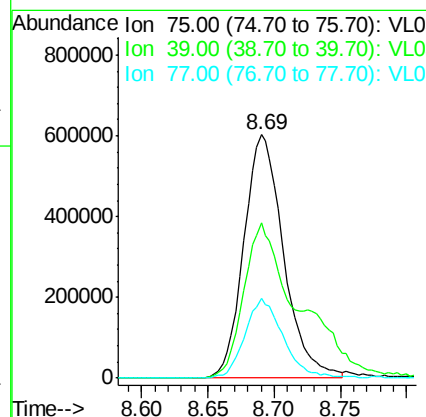
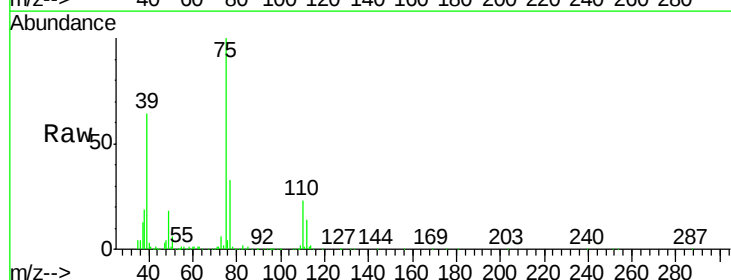
#45
t-1,3-Dichloropropene
Concen: 11.751 ppbv
RT: 9.27
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 12 Oct 2021 11:58

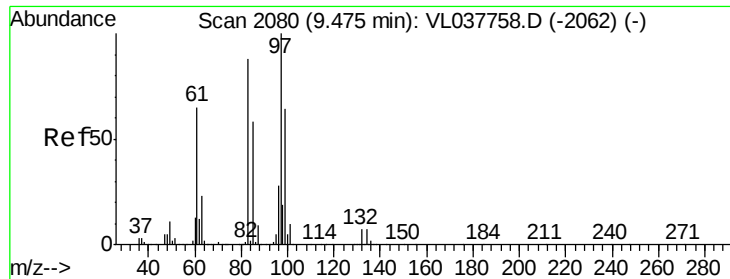
Tgt Ion: 75 Resp: 948177
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8



#46
cis-1,3-Dichloropropene
Concen: 11.230 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. -0.02 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

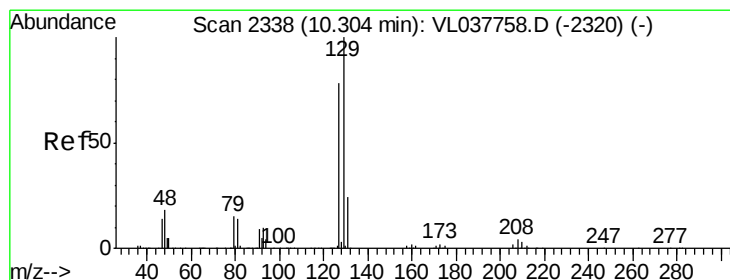
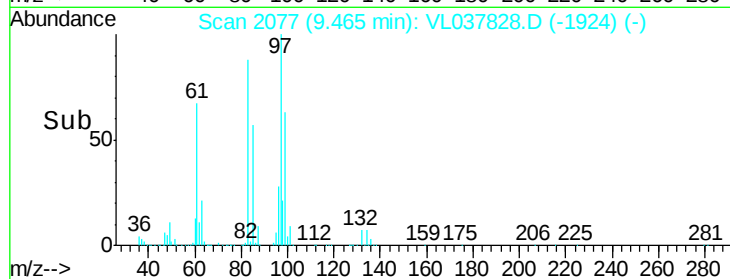
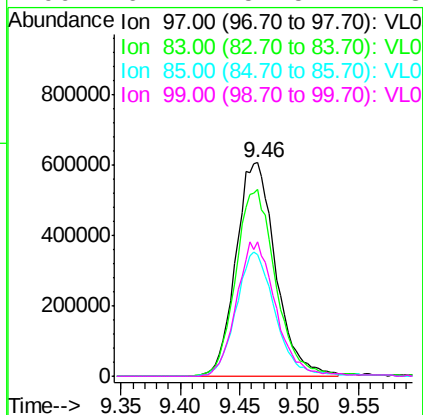
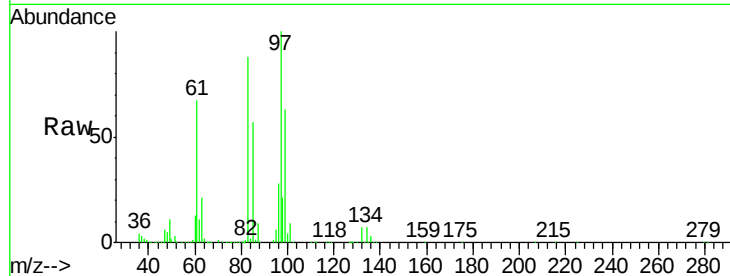
Tgt Ion: 75 Resp: 1255952
Ion Ratio Lower Upper
75 100
39 63.4 49.9 74.9
77 32.7 25.9 38.9





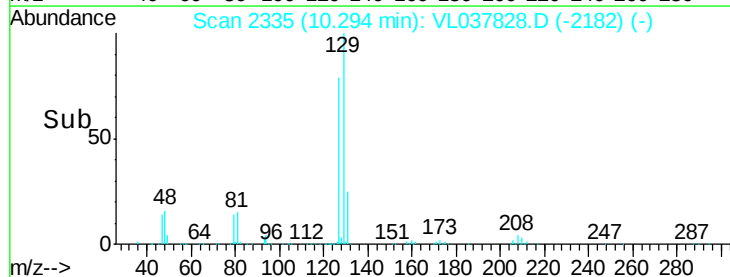
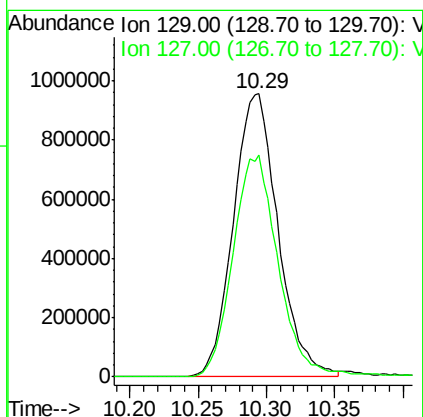
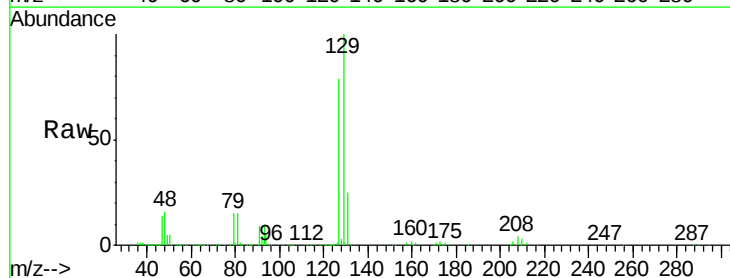
#47
 1,1,2-Trichloroethane
 Concen: 9.571 ppbv
 RT: 9.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:56

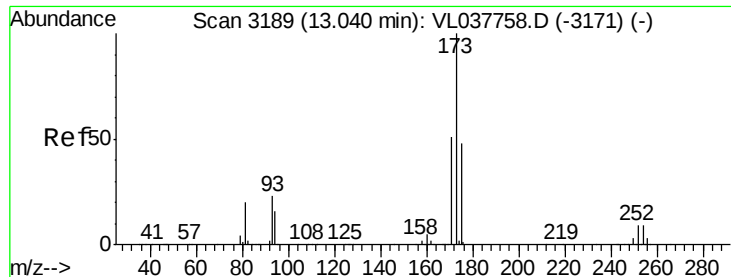
Tgt Ion:	97	Resp:	1405072
Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.6	105.8
85	57.2	45.9	68.9
99	62.7	51.5	77.3



#48
 Dibromochloromethane
 Concen: 10.350 ppbv
 RT: 10.29 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion:	129	Resp:	2166009
Ion	Ratio	Lower	Upper
129	100		
127	80.2	39.5	118.5





#49

Bromoform

Concen: 10.957 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 11:56

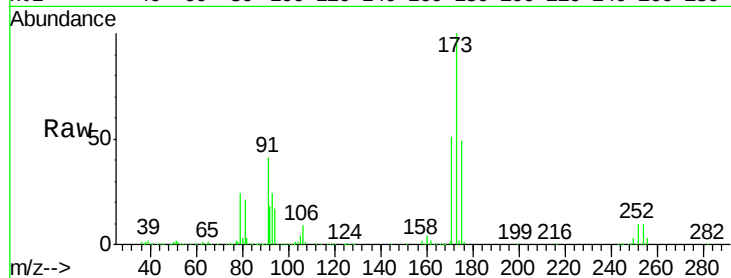
Tgt Ion: 173 Resp: 1754571

Ion Ratio Lower Upper

173 100

175 52.3 39.9 59.9

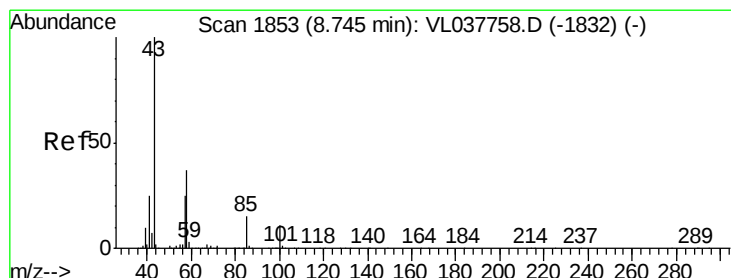
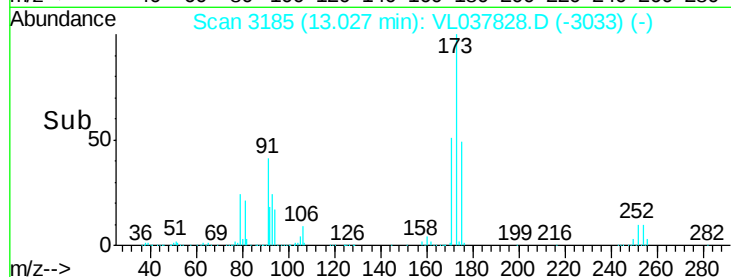
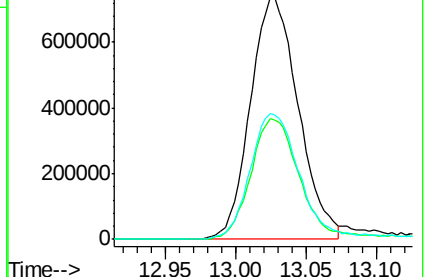
171 56.3 43.4 65.2



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: 10.292 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. -0.01 min

Lab File: VL037828.D

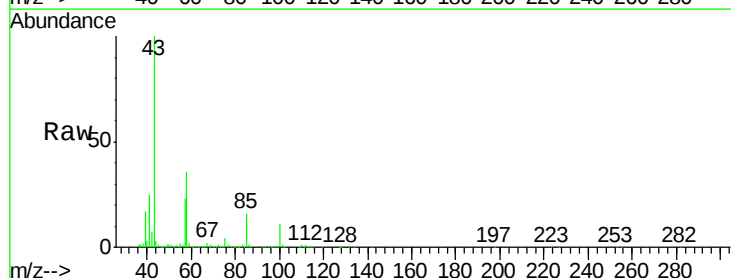
Acq: 12 Oct 2021 11:56

Tgt Ion: 43 Resp: 2273606

Ion Ratio Lower Upper

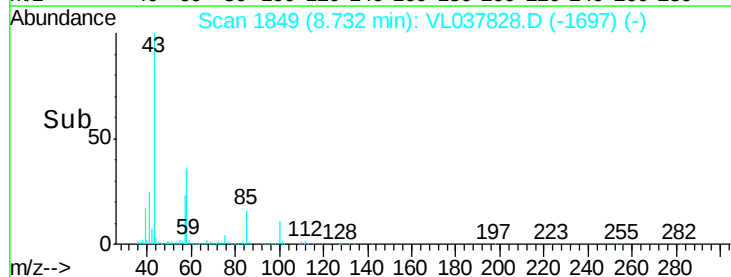
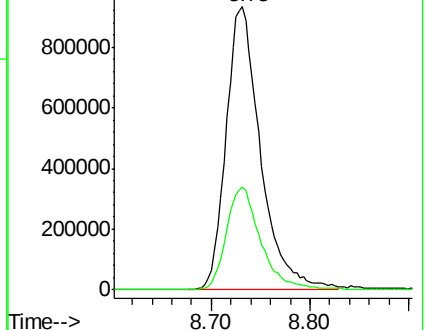
43 100

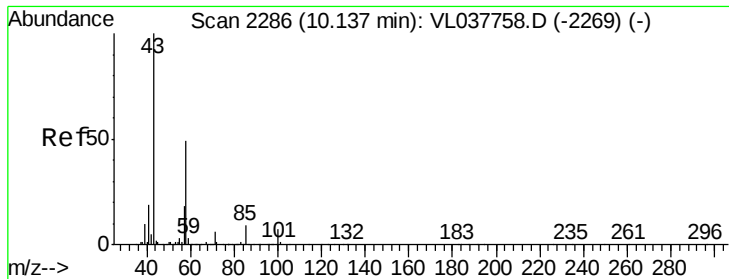
58 36.9 29.4 44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.186 ppbv

RT: 10.12

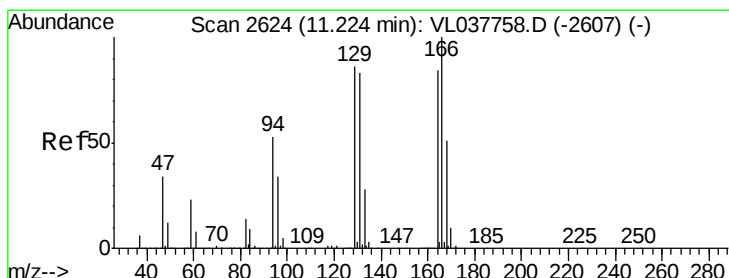
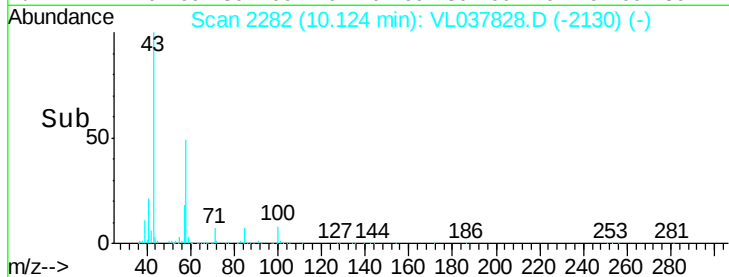
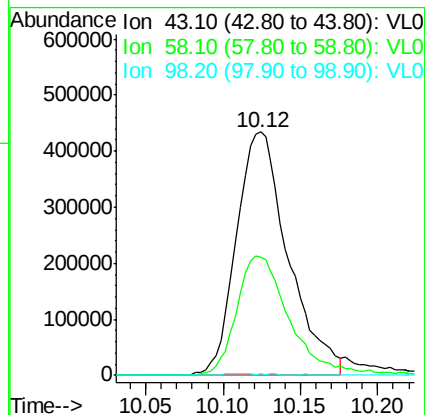
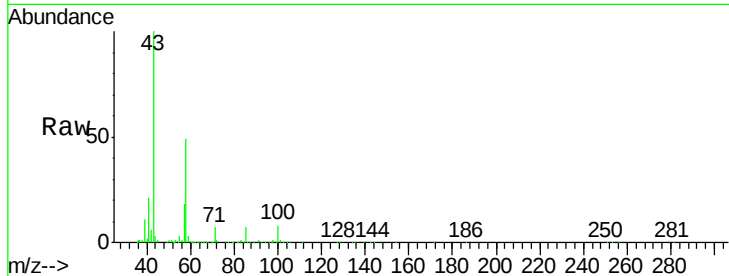
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 11:56

Tgt Ion: 43 Resp: 1004505

Ion	Ratio	Lower	Upper
43	100		
58	51.8	39.4	59.0
98	0.9	0.3	0.5#



#52

Tetrachloroethene

Concen: 8.860 ppbv

RT: 11.21 min Scan# 2619

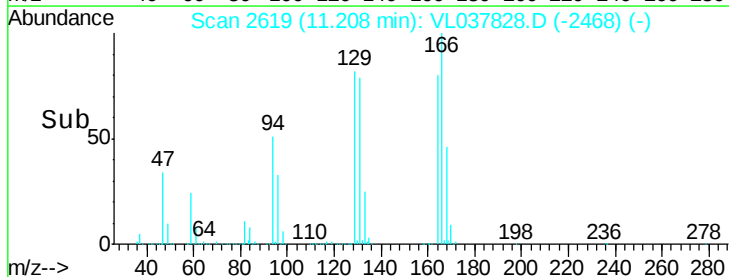
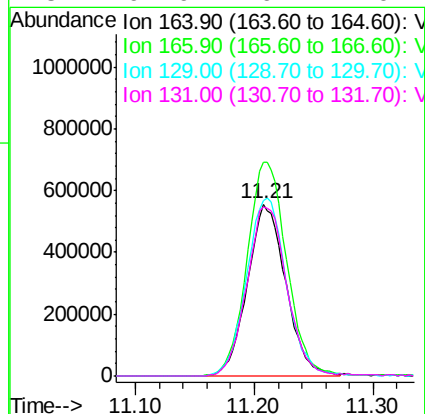
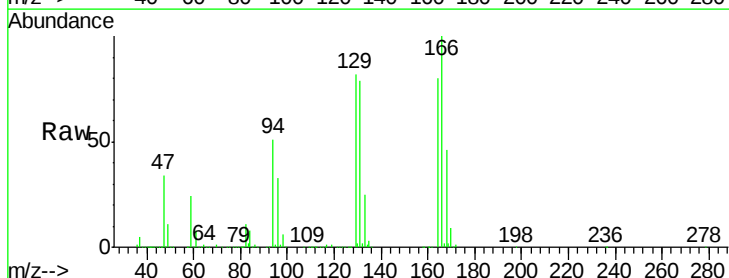
Delta R.T. -0.02 min

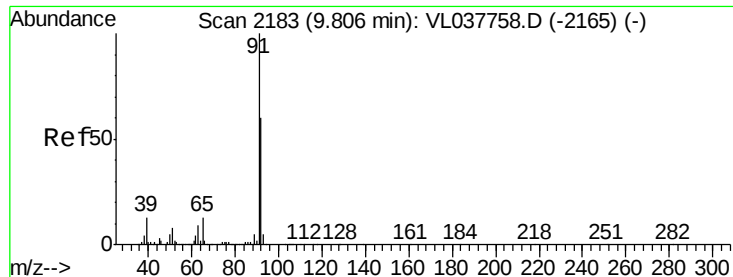
Lab File: VL037828.D

Acq: 12 Oct 2021 11:56

Tgt Ion: 164 Resp: 1237526

Ion	Ratio	Lower	Upper
164	100		
166	124.2	95.4	143.2
129	101.9	82.2	123.4
131	97.9	79.4	119.2





#53

Toluene

Concen: 9.960 ppbv

RT: 9.79 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

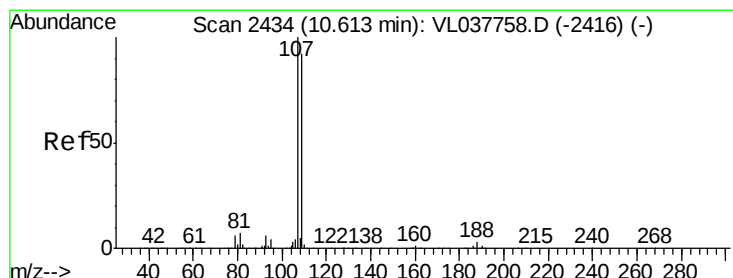
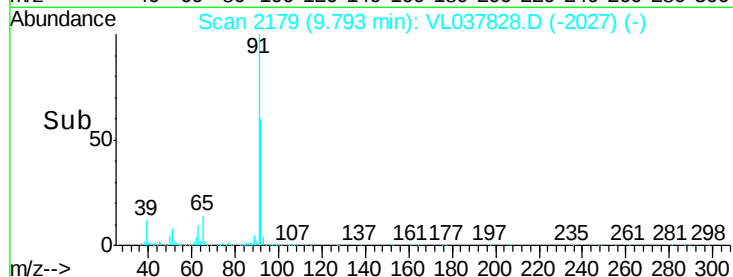
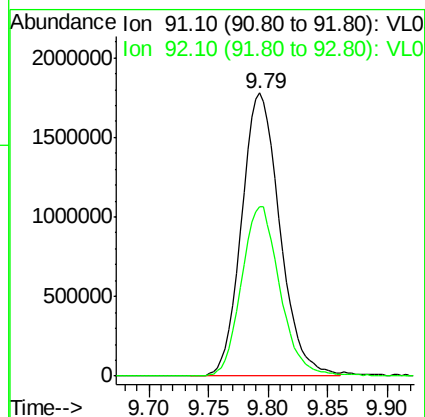
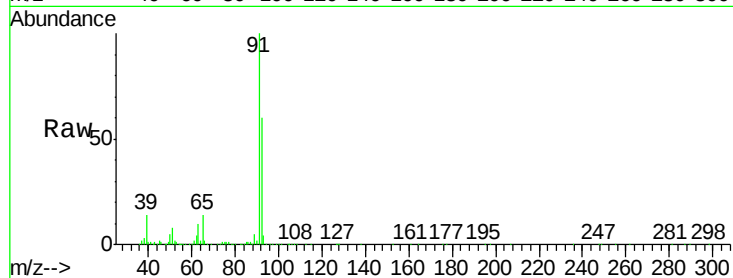
Acq: 12 Oct 2021 11:56 VSTDCCC010

Tgt Ion: 91 Resp: 3962824

Ion Ratio Lower Upper

91 100

92 60.4 48.4 72.6



#54

1,2-Dibromoethane

Concen: 9.695 ppbv

RT: 10.60 min Scan# 2429

Delta R.T. -0.02 min

Lab File: VL037828.D

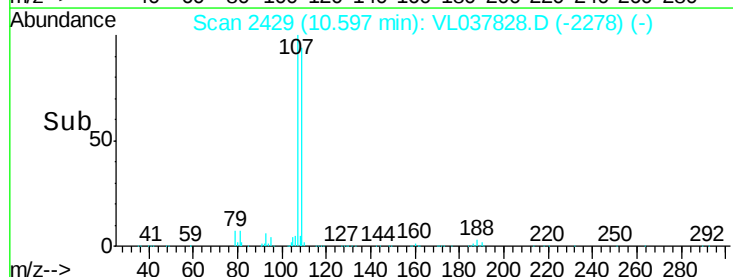
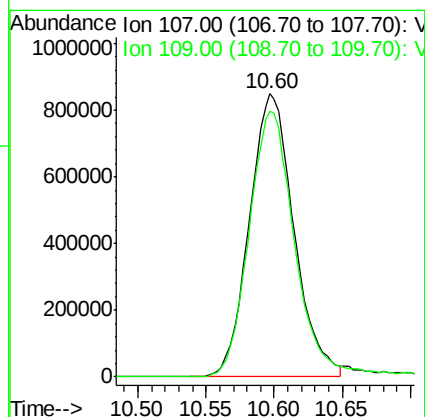
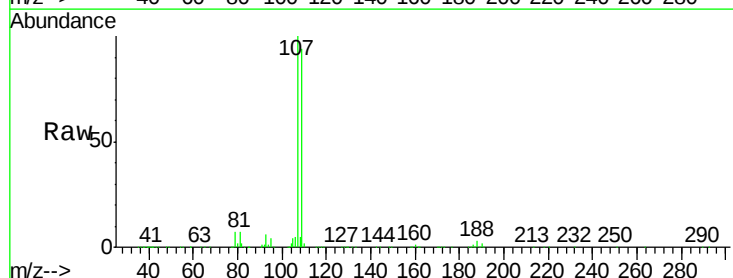
Acq: 12 Oct 2021 11:56

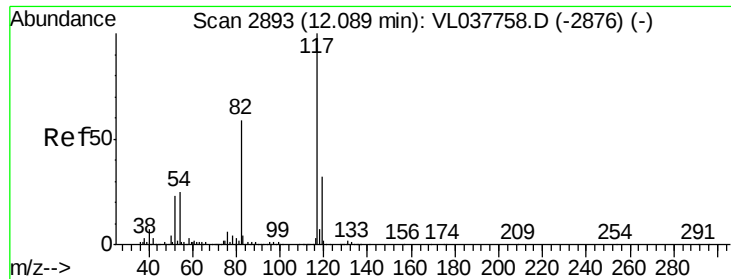
Tgt Ion: 107 Resp: 1922537

Ion Ratio Lower Upper

107 100

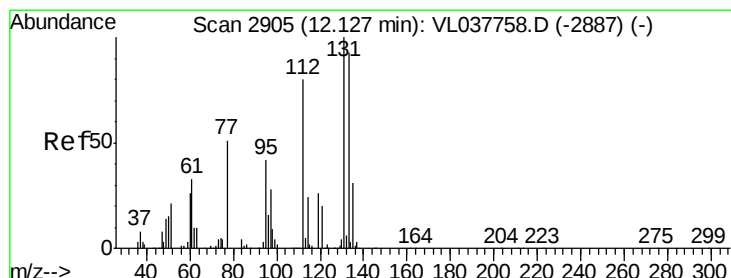
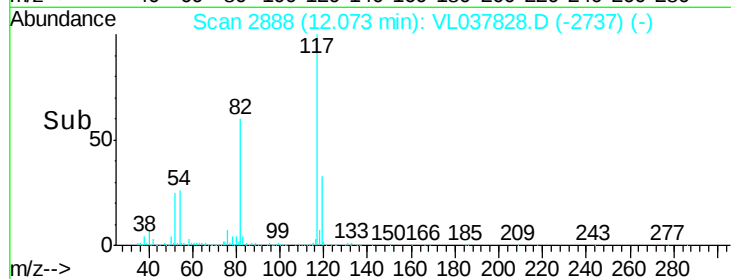
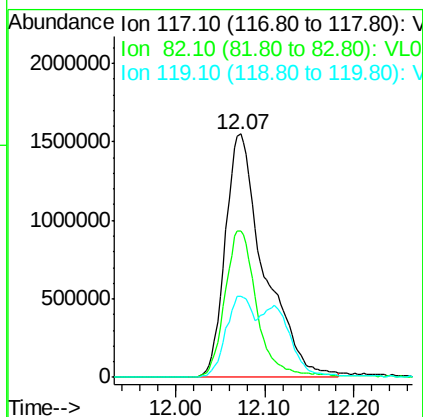
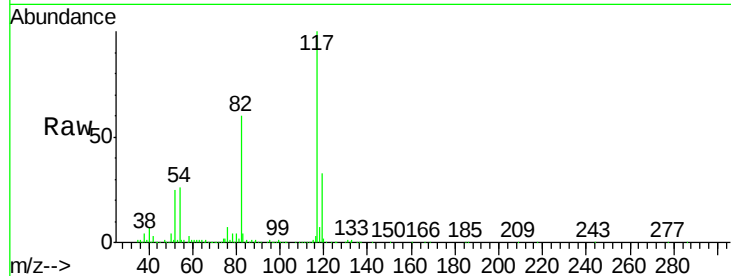
109 93.6 73.8 110.6





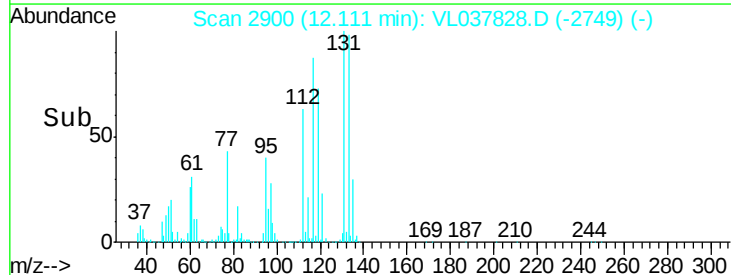
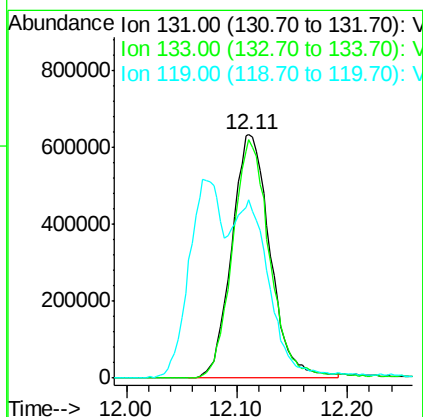
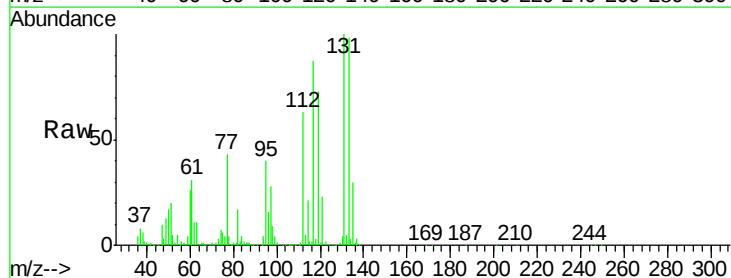
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VSTDCCC010
Acq: 12 Oct 2021 11:58

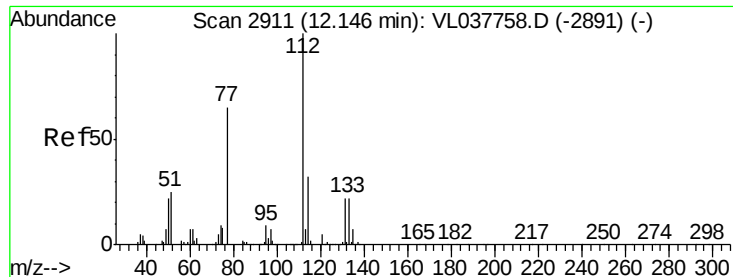
Tgt Ion:117 Resp: 4707515
Ion Ratio Lower Upper
117 100
82 50.5 52.2 78.2#
119 25.6 26.0 39.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.823 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.02 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

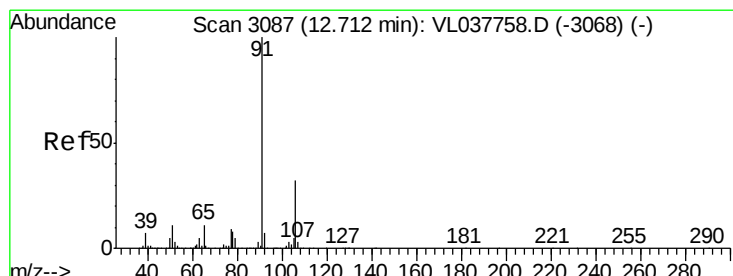
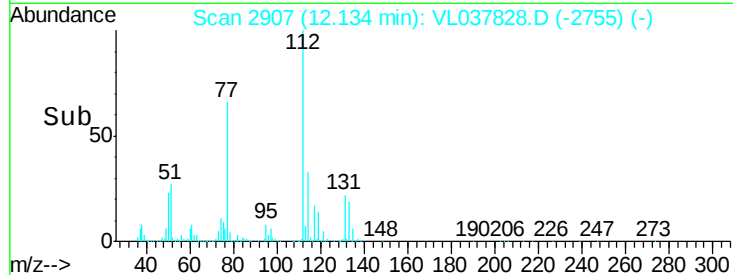
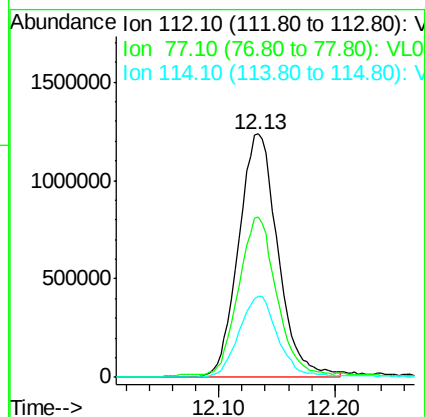
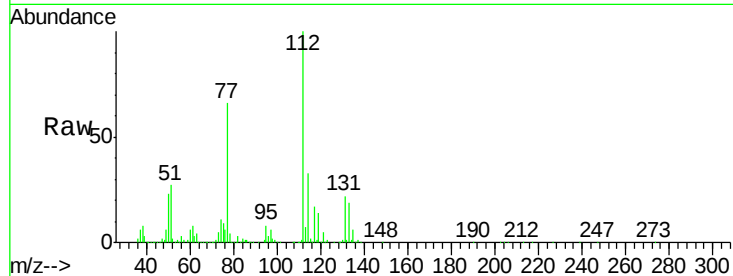
Tgt Ion:131 Resp: 1524544
Ion Ratio Lower Upper
131 100
133 96.3 78.5 117.7
119 63.0 51.7 77.5





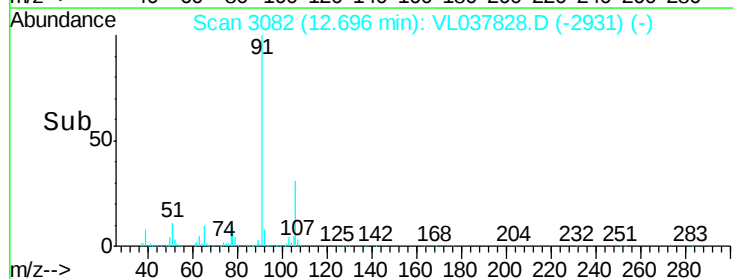
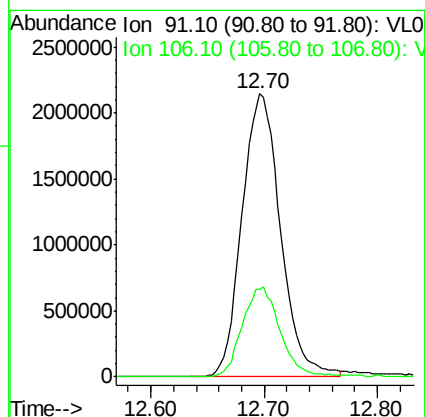
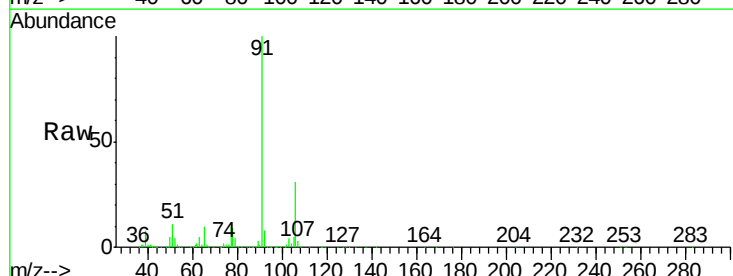
#57
Chlorobenzene
Concen: 7.559 ppbv
RT: 12.13 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VSTDCCC010
Acq: 12 Oct 2021 11:58

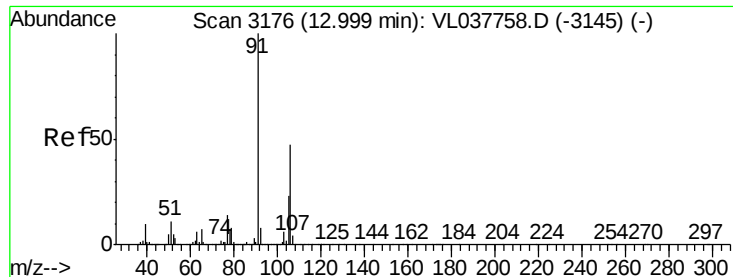
Tgt Ion: 112 Resp: 2919088
Ion Ratio Lower Upper
112 100
77 65.0 51.8 77.8
114 33.1 28.8 35.2



#58
Ethyl Benzene
Concen: 8.030 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.02 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

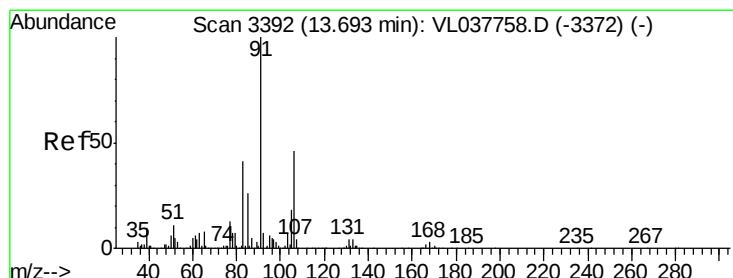
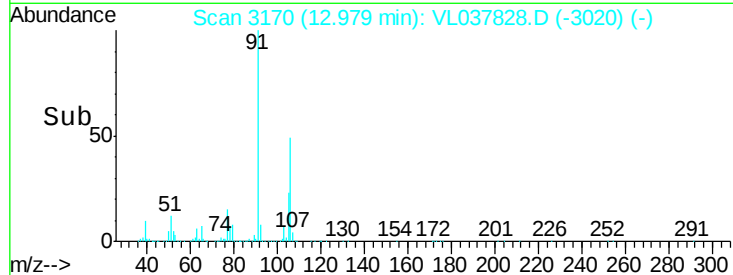
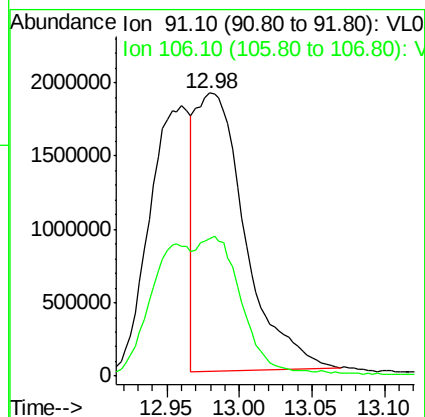
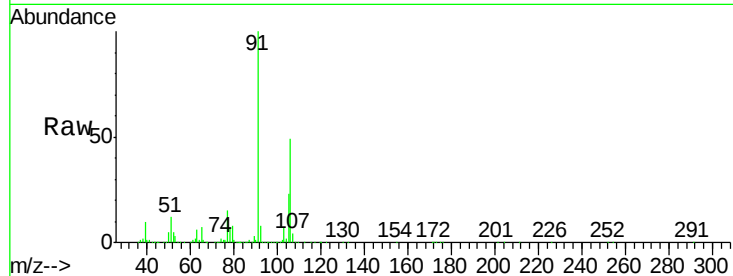
Tgt Ion: 91 Resp: 5076044
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9





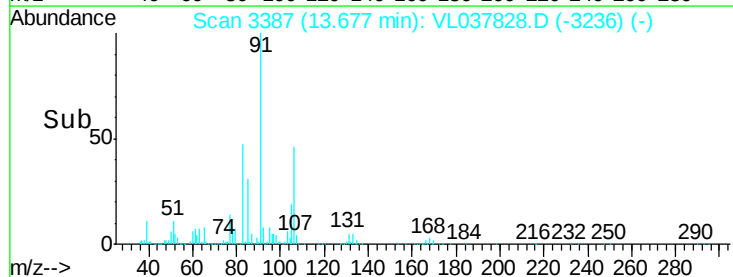
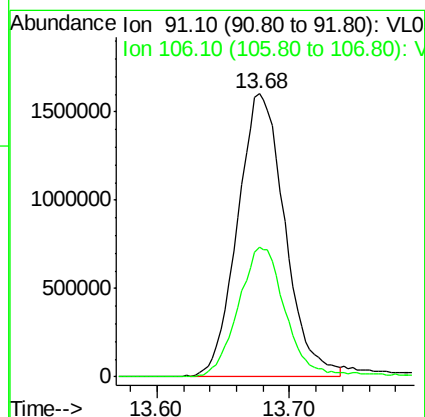
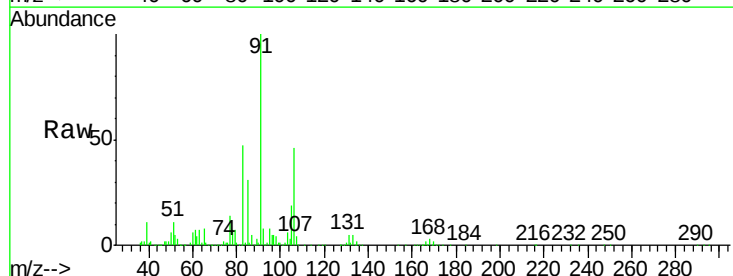
#59
m/p-Xylene
Concen: 8.296 ppbv
RT: 12.98 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 11:56

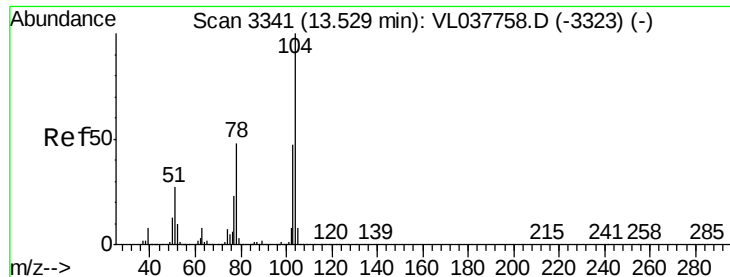
Tgt Ion: 91 Resp: 4501264
Ion Ratio Lower Upper
91 100
106 87.6 36.7 55.1#



#60
o-Xylene
Concen: 7.560 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.02 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

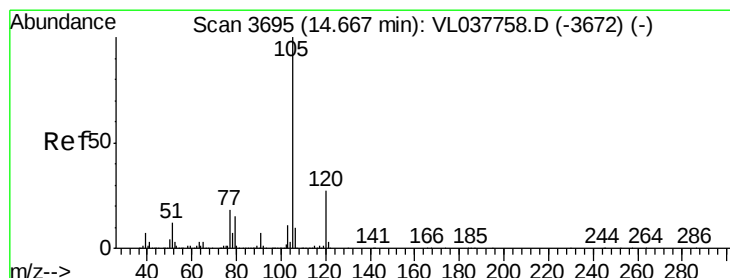
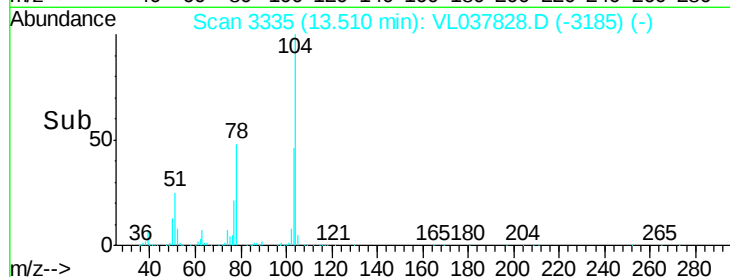
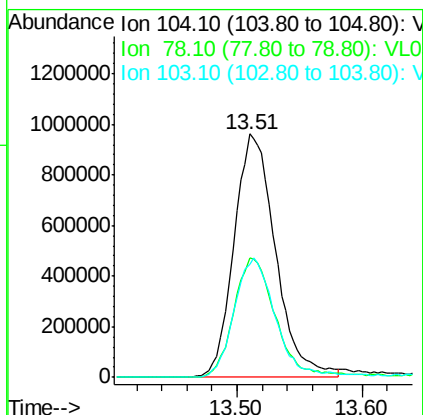
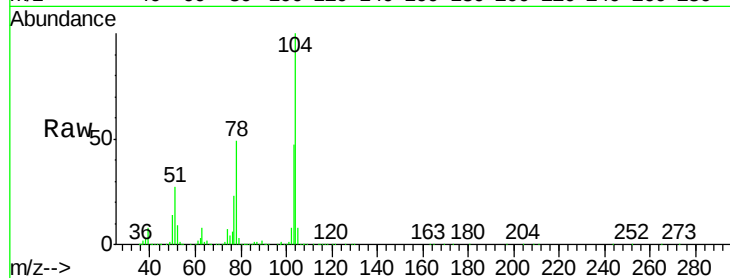
Tgt Ion: 91 Resp: 3931344
Ion Ratio Lower Upper
91 100
106 47.4 23.5 70.5





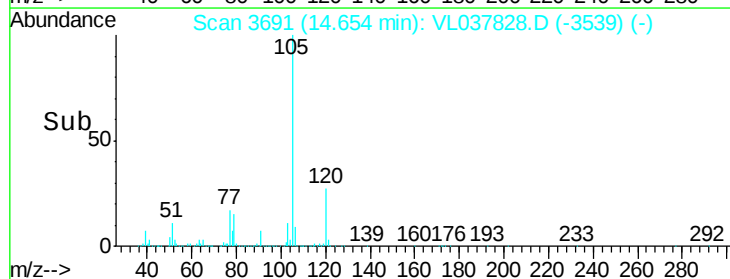
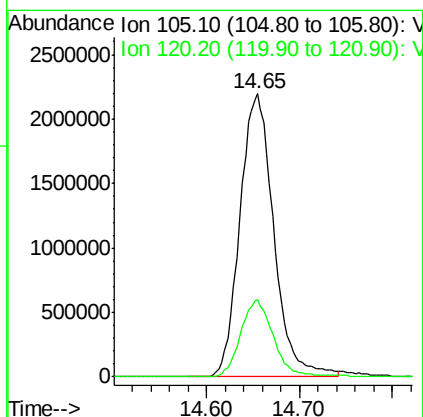
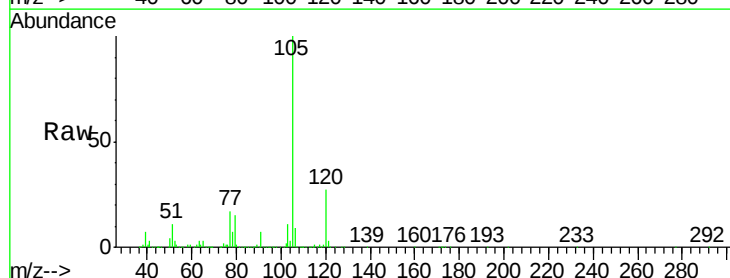
#61
Styrene
Concen: 8.789 ppbv
RT: 13.51
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 12 Oct 2021 11:56

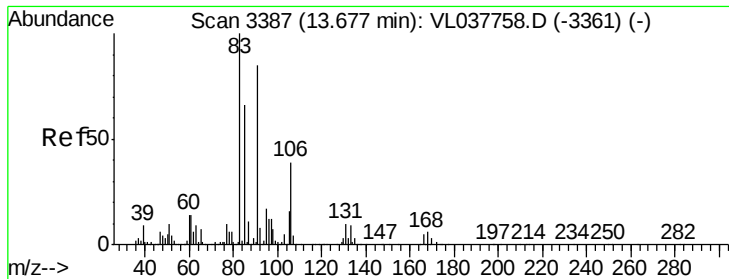
Tgt Ion:104 Resp: 2210598
Ion Ratio Lower Upper
104 100
78 50.2 40.6 61.0
103 49.7 39.6 59.4



#62
Isopropylbenzene
Concen: 7.676 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

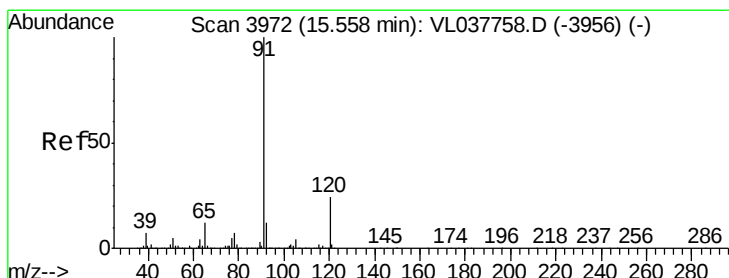
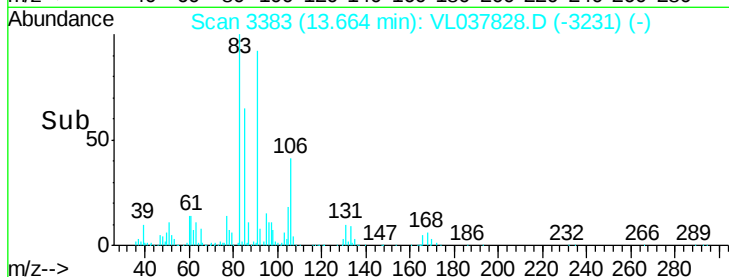
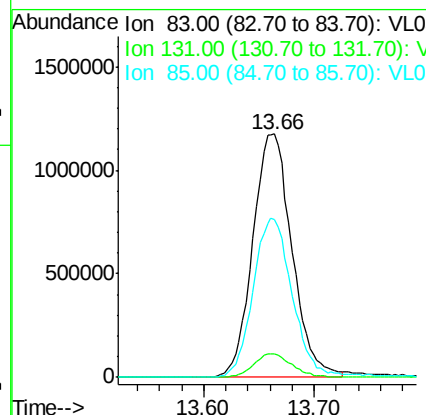
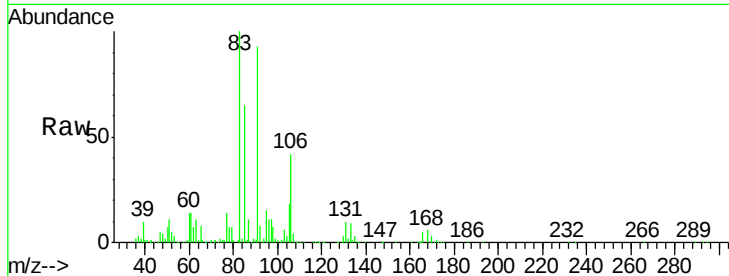
Tgt Ion:105 Resp: 5567814
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9





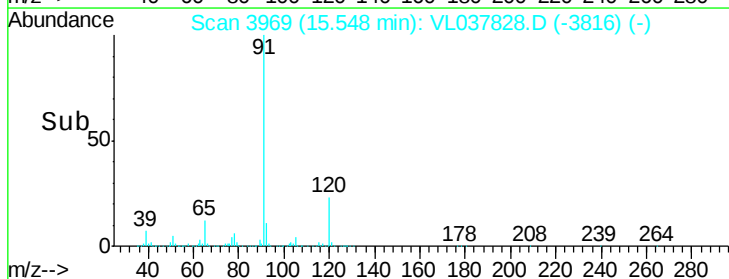
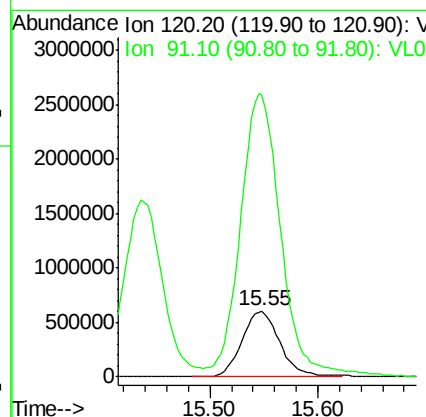
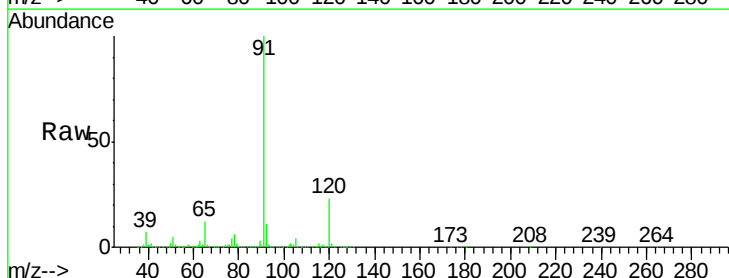
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.206 ppbv
 RT: 13.66
 Delta R.T.:
 Lab File: VSTDCCC010
 Acq: 12 Oct 2021 11:56

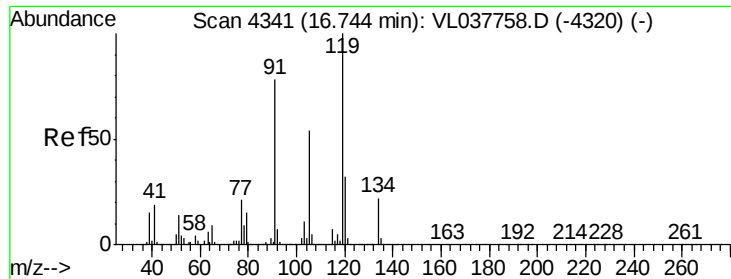
Tgt Ion: 83 Resp: 2891542
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 15.0
 85 66.7 33.1 99.5



#64
 n-propylbenzene
 Concen: 8.172 ppbv
 RT: 15.55 min Scan# 3969
 Delta R.T.: -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion: 120 Resp: 1478056
 Ion Ratio Lower Upper
 120 100
 91 460.3 375.0 562.6

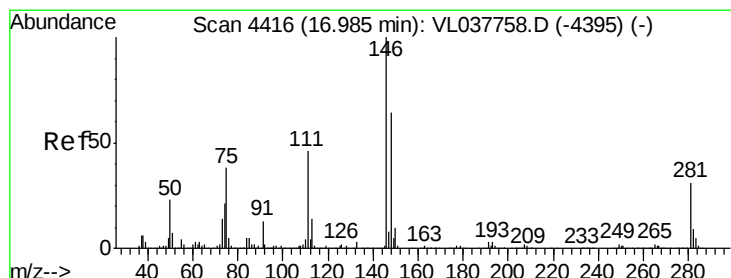
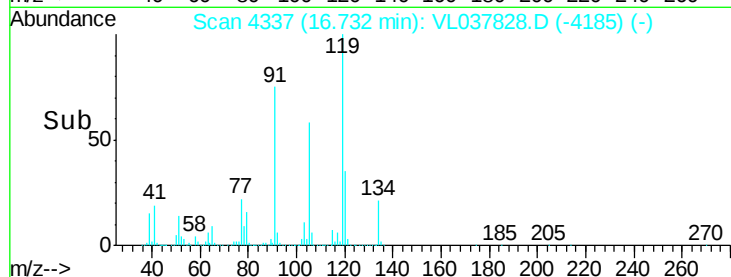
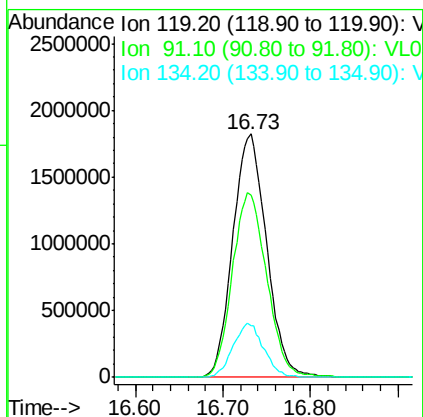
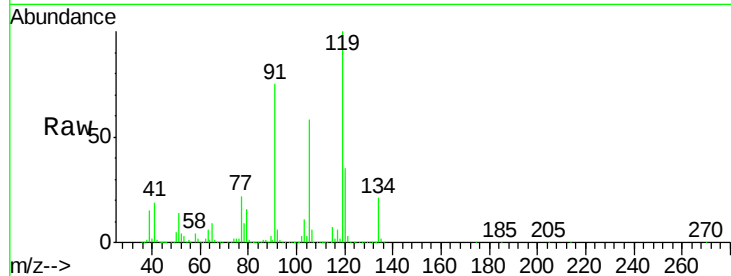




#65
 tert-Butylbenzene
 Concen: 7.655 ppbv
 RT: 16.73 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id: VSTDCCC010
 Lab File:
 Acq: 12 Oct 2021 11:56

Tgt Ion: 119 Resp: 4886185

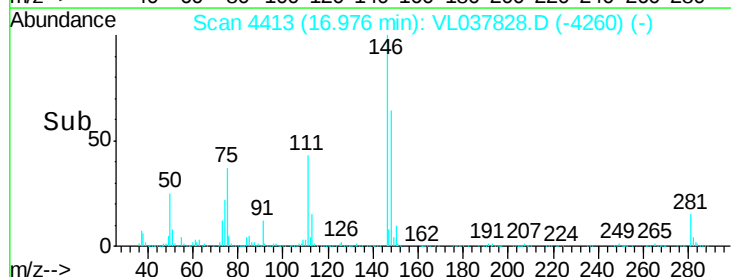
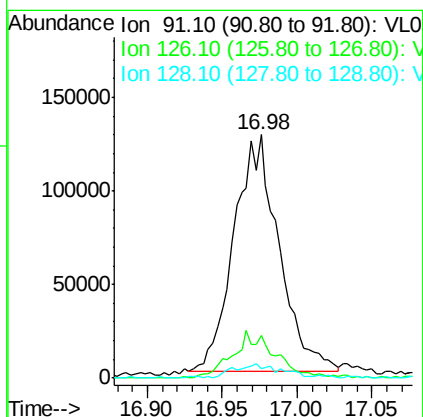
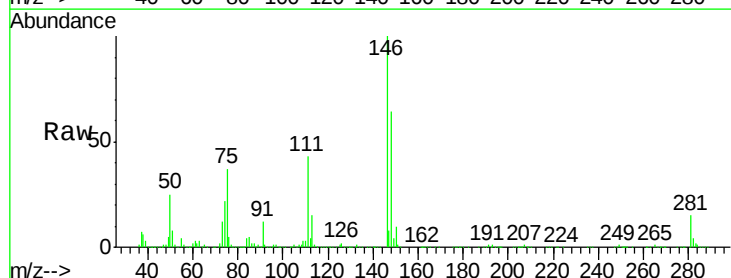
Ion	Ratio	Lower	Upper
119	100		
91	77.3	62.6	94.0
134	20.2	16.3	24.5

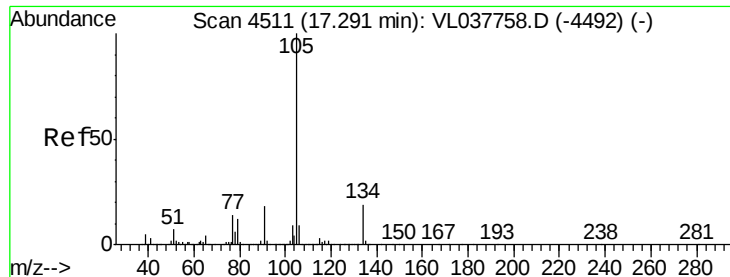


#66
 Benzyl Chloride
 Concen: 8.373 ppbv
 RT: 16.98 min Scan# 4413
 Delta R.T.: -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion: 91 Resp: 263748

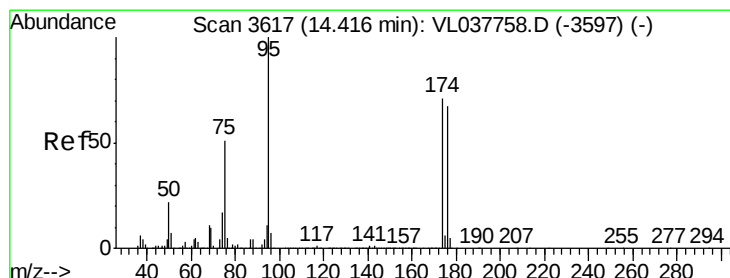
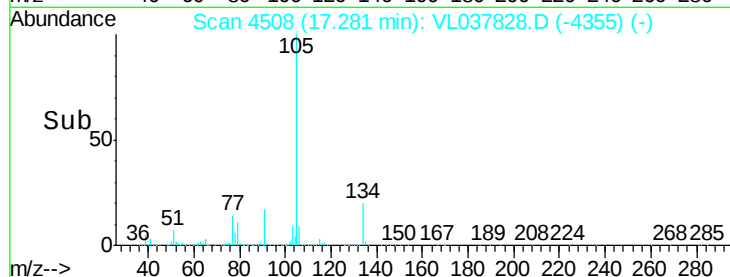
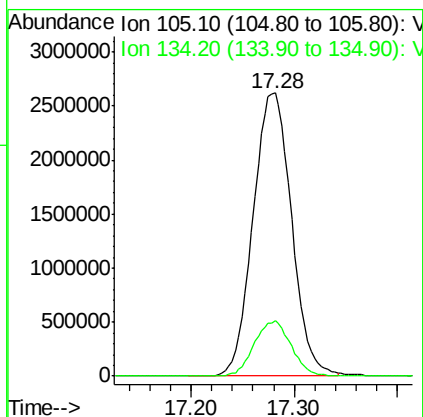
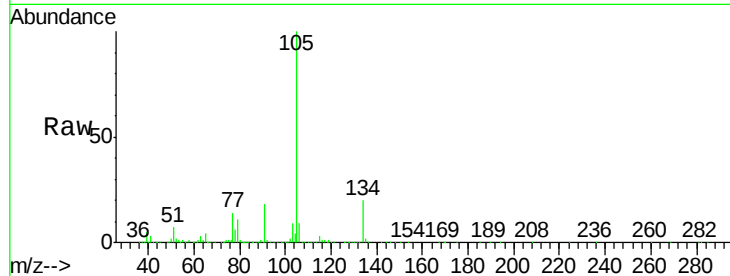
Ion	Ratio	Lower	Upper
91	100		
126	19.3	0.0	0.0#
128	7.2	5.3	7.9





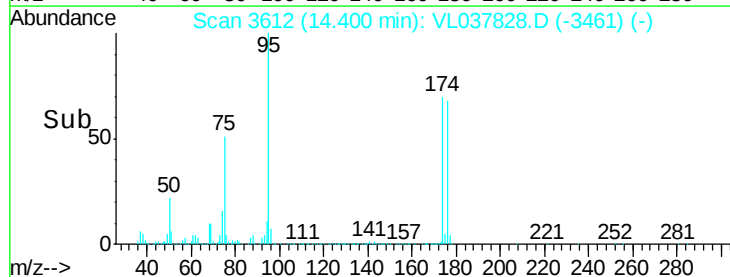
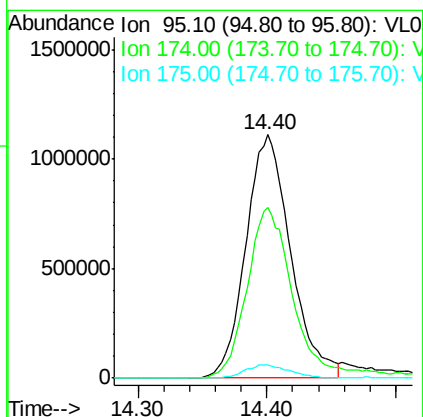
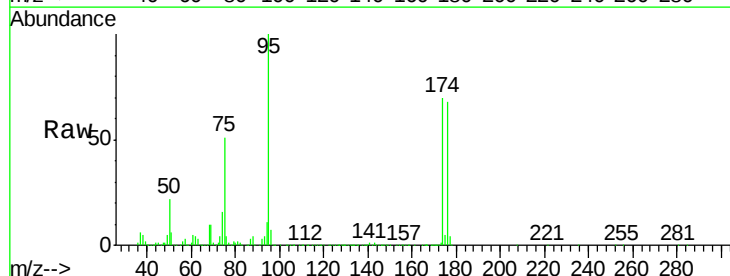
#67
 sec-Butylbenzene
 Concen: 7.751 ppbv
 RT: 17.28 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 12 Oct 2021 11:56

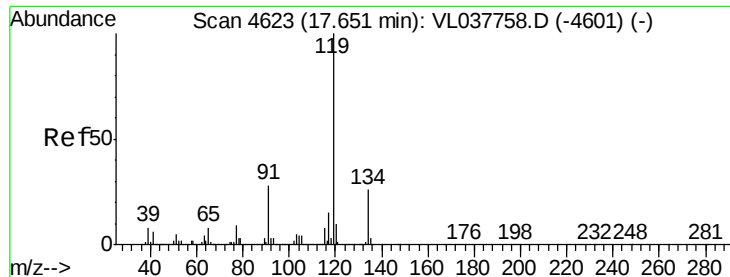
Tgt Ion: 105 Resp: 6765817
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.135 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T.: -0.02 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion: 95 Resp: 2678192
 Ion Ratio Lower Upper
 95 100
 174 75.1 57.8 86.6
 175 5.5 4.7 7.1

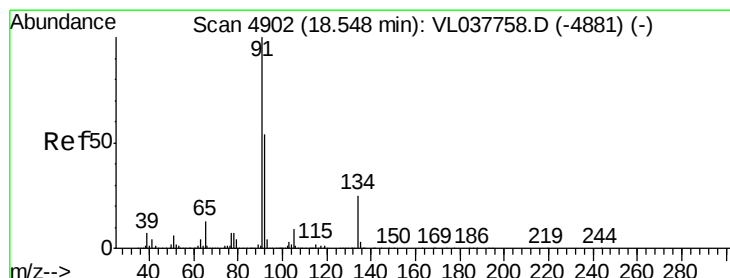
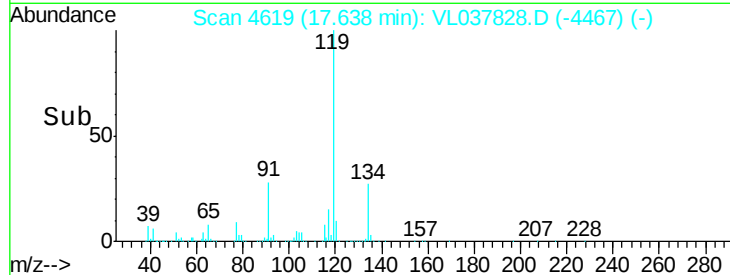
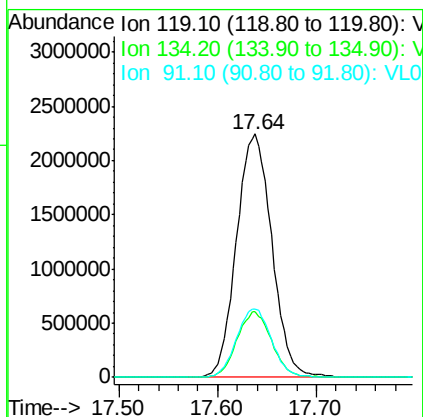
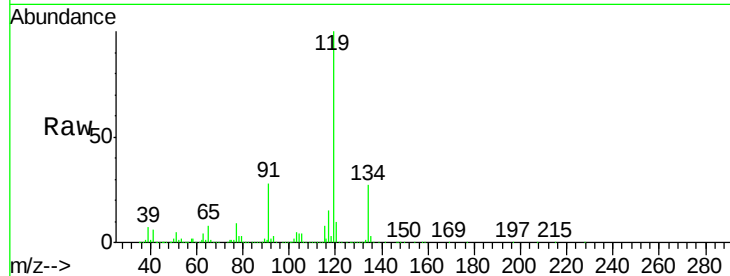




#69
 p-Isopropyltoluene
 Concen: 7.889 ppbv
 RT: 17.64 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 12 Oct 2021 11:58

Tgt Ion: 119 Resp: 5567447

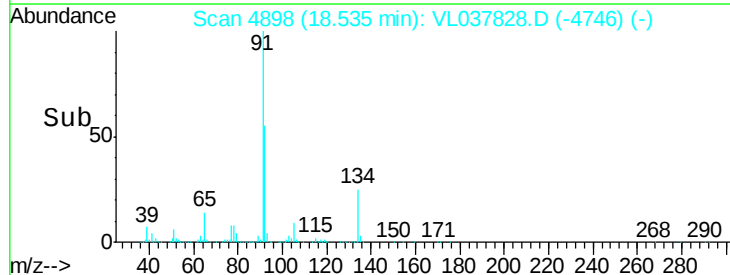
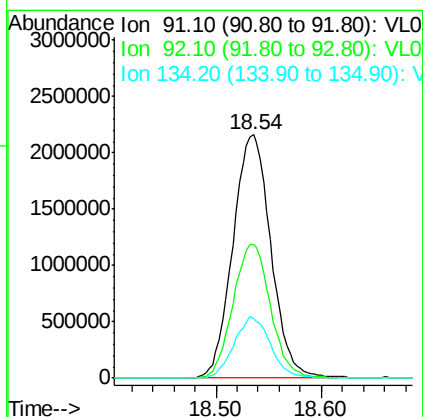
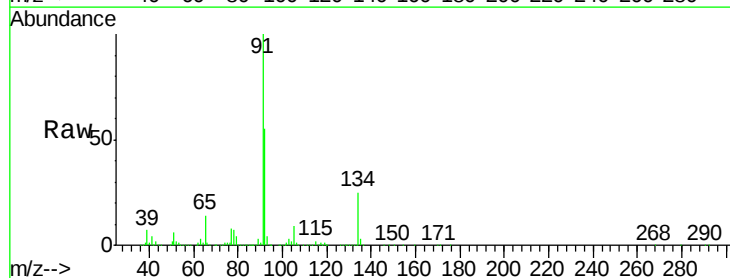
Ion	Ratio	Lower	Upper
119	100		
134	26.7	21.2	31.8
91	27.8	22.2	33.4

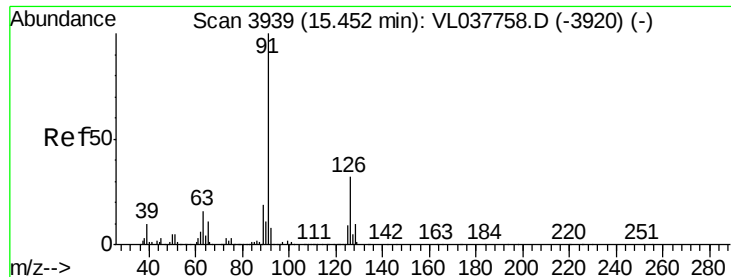


#70
 n-Butylbenzene
 Concen: 8.047 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T.: -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion: 91 Resp: 5394839

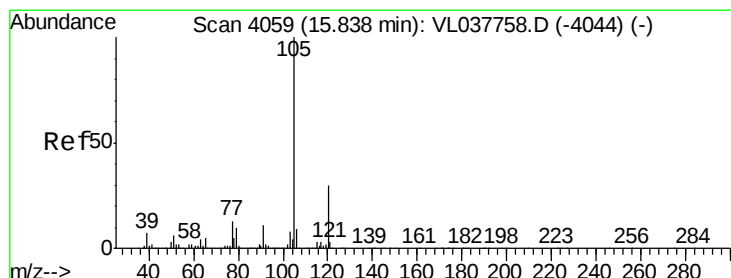
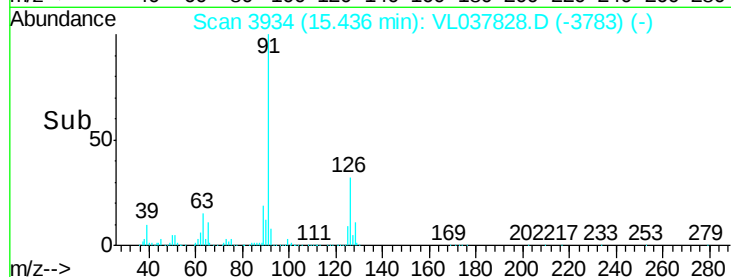
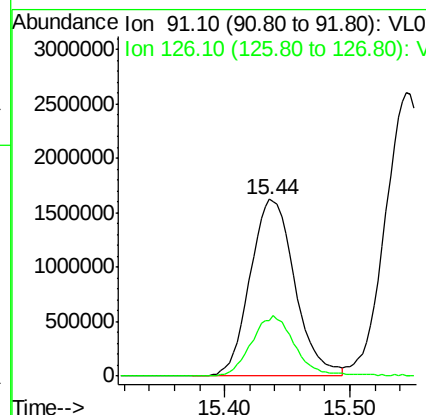
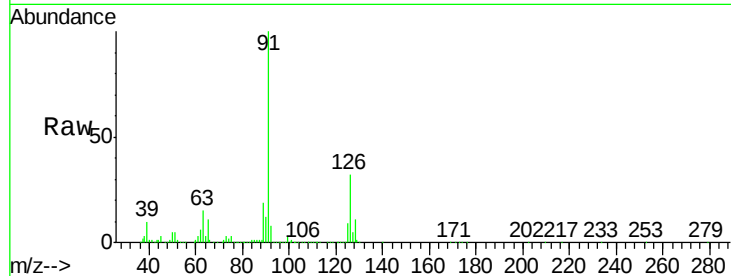
Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.4	65.0
134	24.3	19.8	29.6





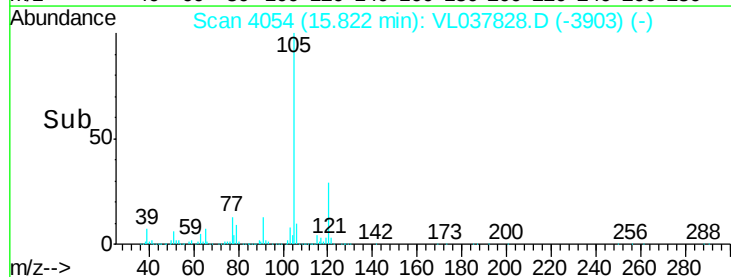
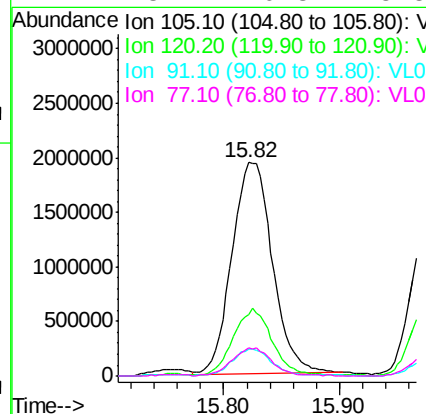
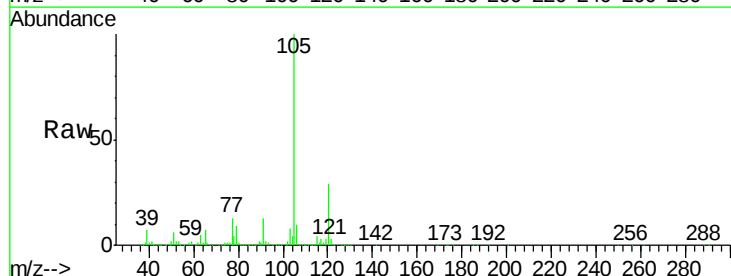
#71
 2-Chlorotoluene
 Concen: 7.876 ppbv
 RT: 15.44
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:58

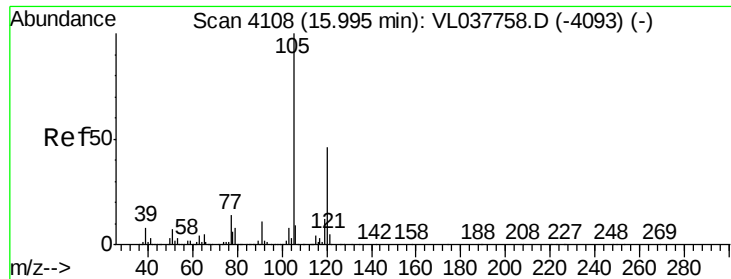
Tgt Ion: 91 Resp: 4034072
 Ion Ratio Lower Upper
 91 100
 126 34.1 13.6 54.6



#72
 4-Ethyltoluene
 Concen: 7.959 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. -0.02 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

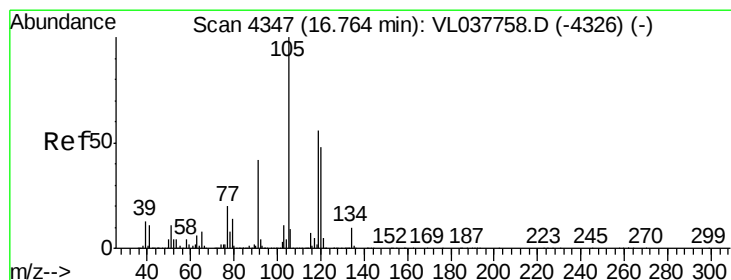
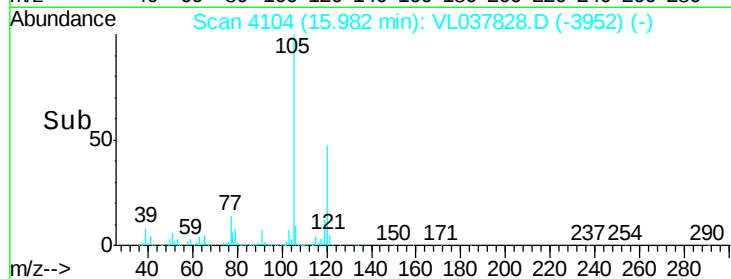
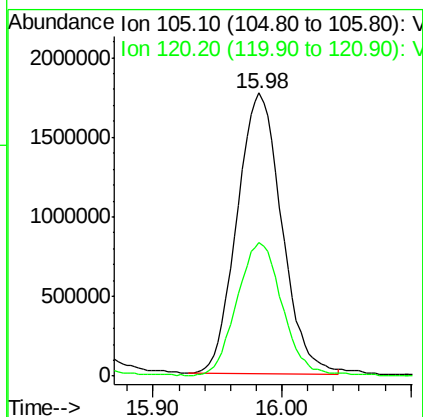
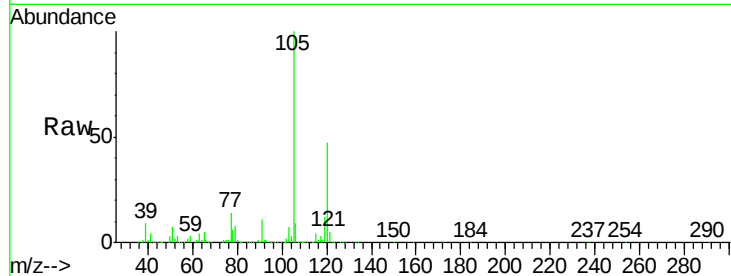
Tgt Ion: 105 Resp: 4699418
 Ion Ratio Lower Upper
 105 100
 120 31.2 24.2 36.2
 91 12.1 10.4 15.6
 77 13.7 10.3 15.5





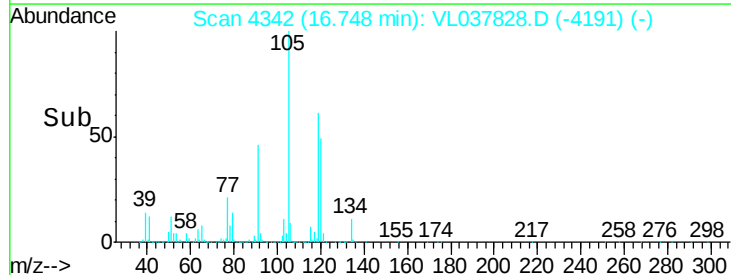
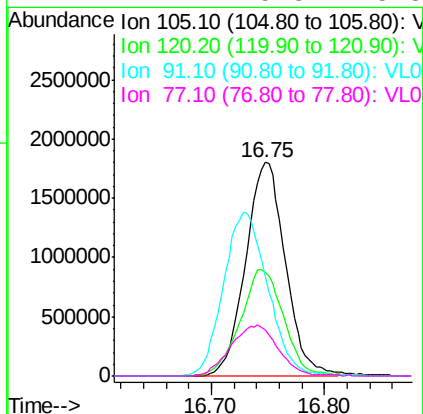
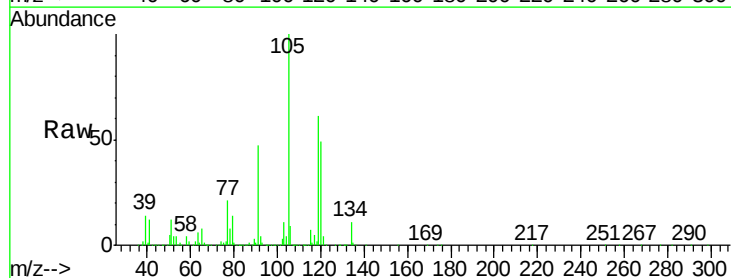
#73
 1,3,5-Trimethylbenzene
 Concen: 7.940 ppbv
 RT: 15.98 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:58

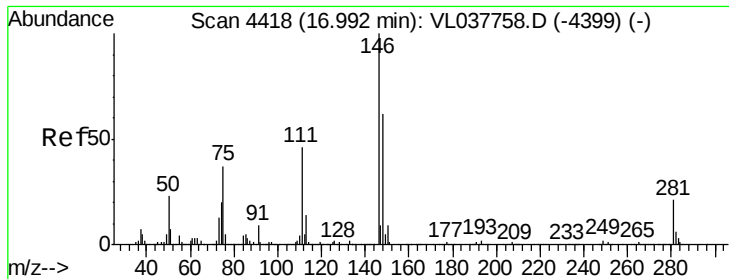
Tgt Ion:105 Resp: 4258324
 Ion Ratio Lower Upper
 105 100
 120 47.6 36.6 54.8



#74
 1,2,4-Trimethylbenzene
 Concen: 7.797 ppbv
 RT: 16.75 min Scan# 4342
 Delta R.T. -0.02 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

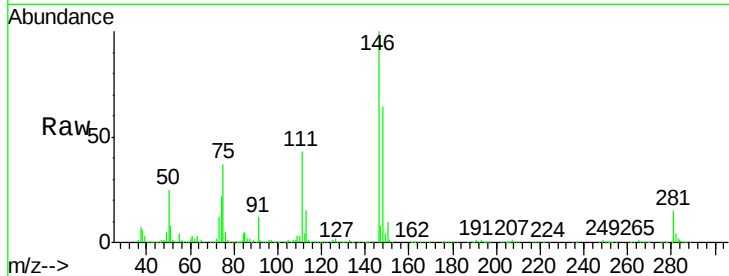
Tgt Ion:105 Resp: 4391391
 Ion Ratio Lower Upper
 105 100
 120 48.7 38.4 57.6
 91 45.9 34.2 51.2
 77 21.4 15.8 23.8



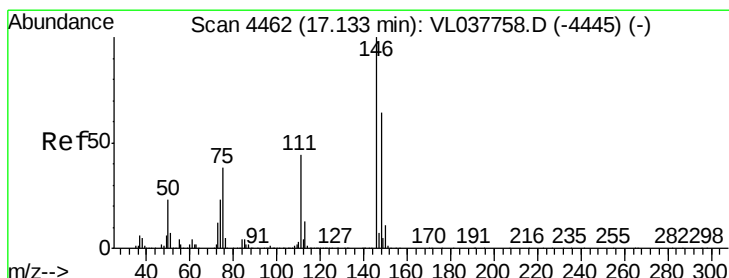
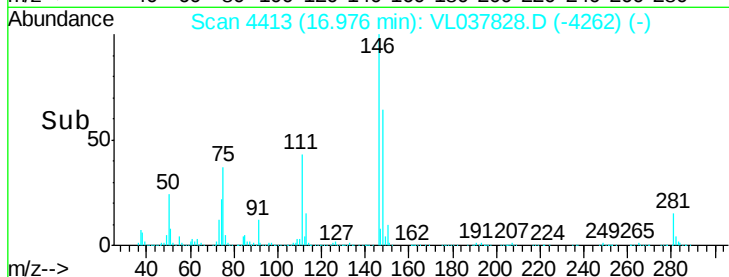
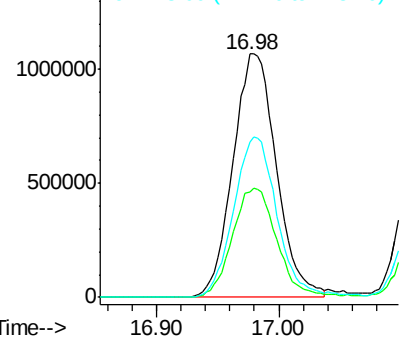


#75
 1,3-Dichlorobenzene
 Concen: 7.547 ppbv
 RT: 16.98
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:58

Tgt Ion:146 Resp: 2633614
 Ion Ratio Lower Upper
 146 100
 111 46.0 22.8 68.4
 148 66.0 32.8 98.3

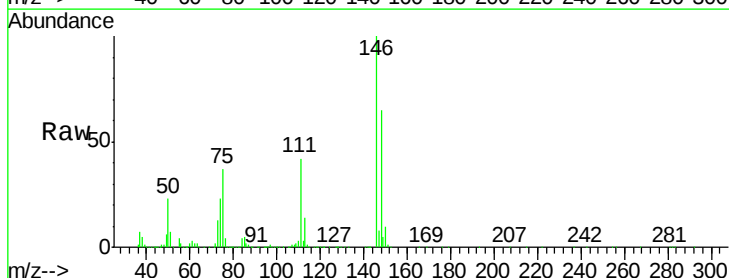


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

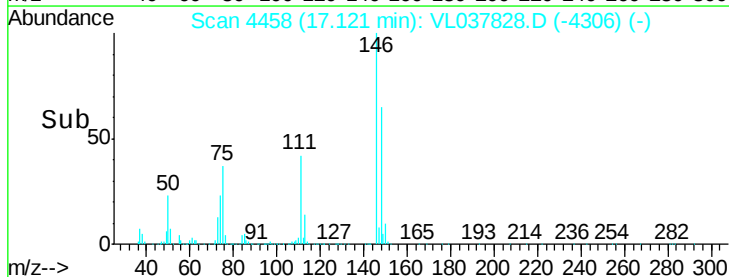
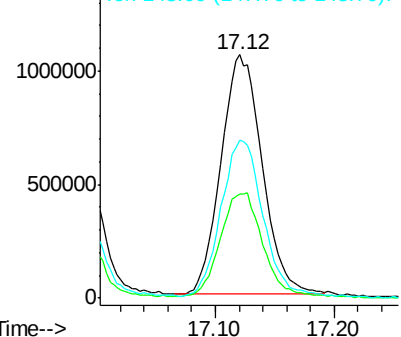


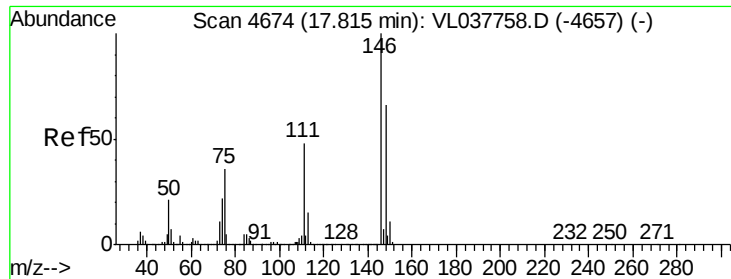
#76
 1,4-Dichlorobenzene
 Concen: 7.615 ppbv
 RT: 17.12 min Scan# 4458
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion:146 Resp: 2534690
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.4 67.3
 148 68.4 33.3 99.9



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





#77

1,2-Dichlorobenzene

Concen: 7.703 ppbv

RT: 17.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 11:58

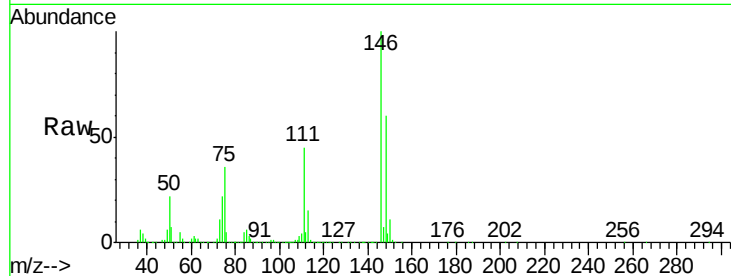
Tgt Ion:146 Resp: 2582101

Ion Ratio Lower Upper

146 100

111 47.4 23.6 70.8

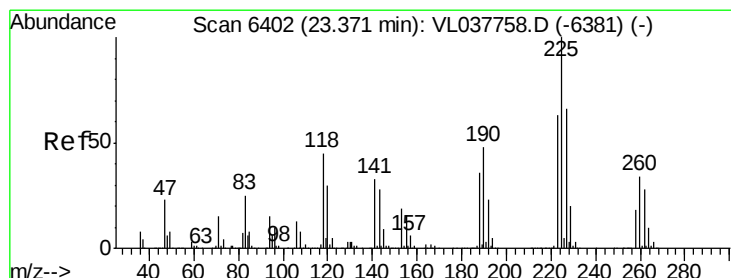
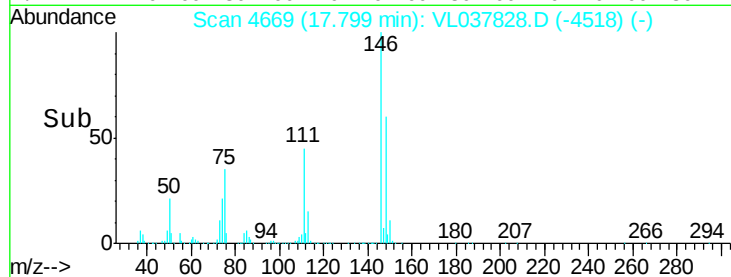
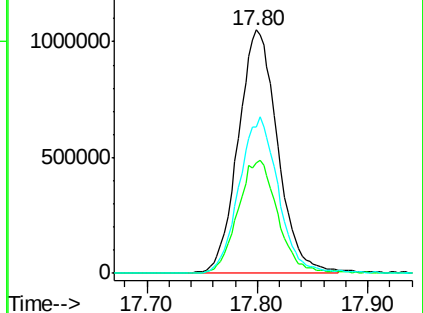
148 64.1 32.9 98.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 6.525 ppbv

RT: 23.36 min Scan# 6398

Delta R.T. -0.01 min

Lab File: VL037828.D

Acq: 12 Oct 2021 11:56

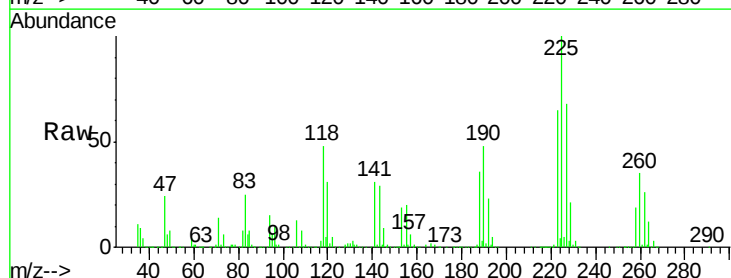
Tgt Ion:225 Resp: 1785766

Ion Ratio Lower Upper

225 100

223 63.6 51.2 76.8

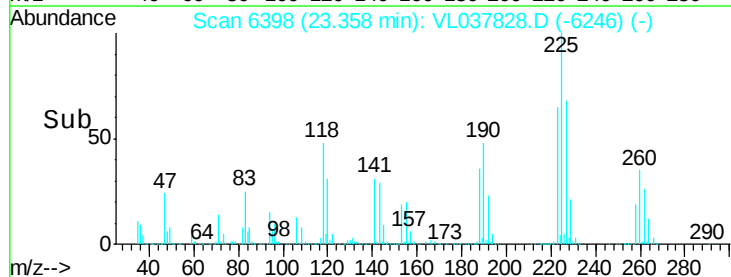
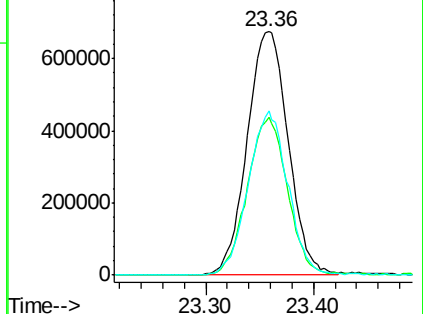
227 65.0 51.1 76.7

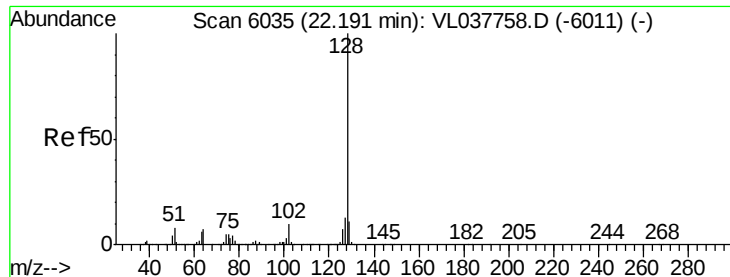


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 8.373 ppbv

RT: 22.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 11:56

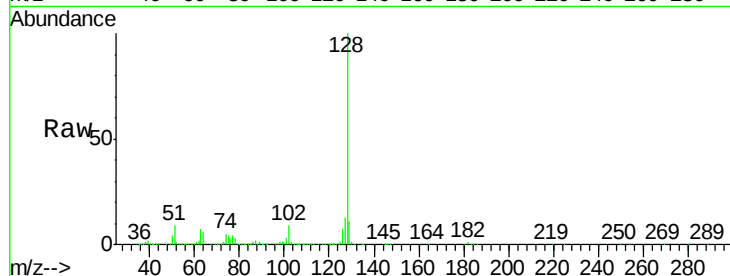
Tgt Ion:128 Resp: 2888113

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

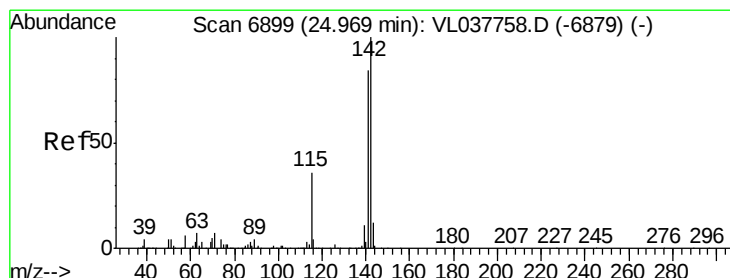
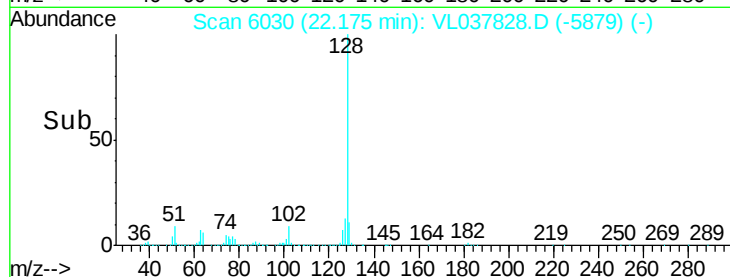
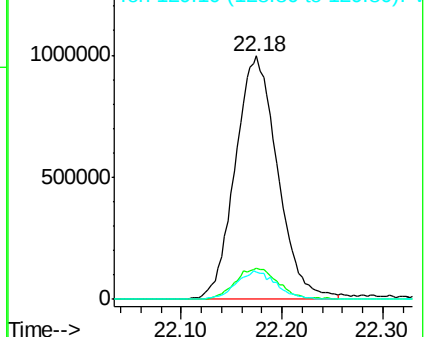
129 11.0 9.1 13.7



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: 7.253 ppbv

RT: 24.95 min Scan# 6894

Delta R.T. -0.02 min

Lab File: VL037828.D

Acq: 12 Oct 2021 11:56

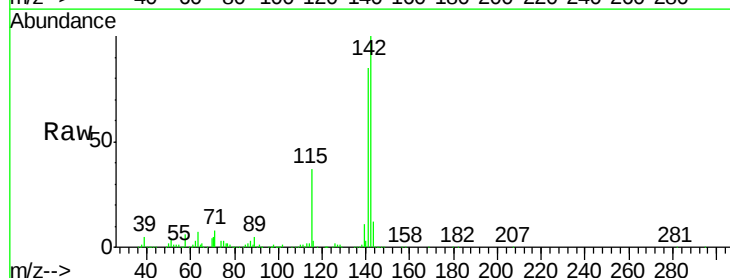
Tgt Ion:142 Resp: 671737

Ion Ratio Lower Upper

142 100

141 86.3 68.6 102.8

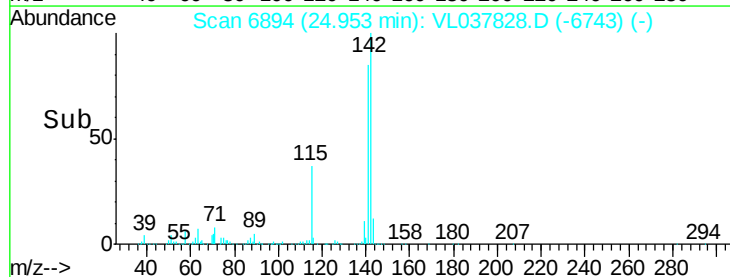
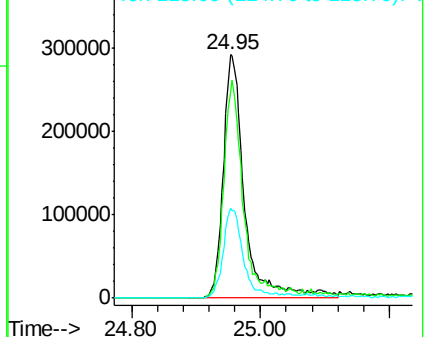
115 35.8 29.0 43.6

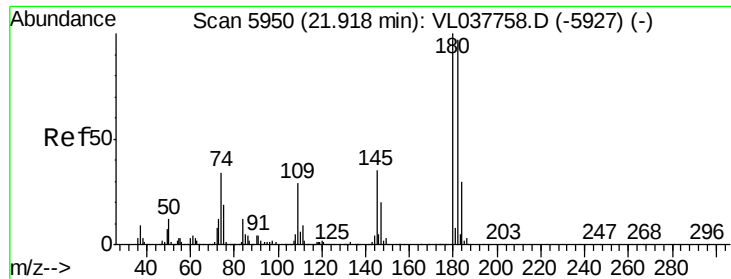


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

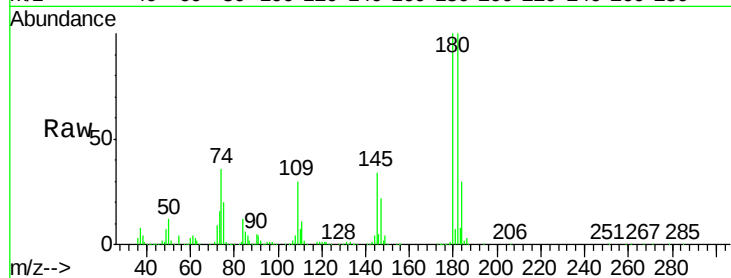
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 7.840 ppbv
 RT: 21.90
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:58

Tgt Ion:	180	Resp:	1729508
Ion	Ratio	Lower	Upper
180	100		
182	99.5	77.6	116.4
184	31.1	25.0	37.4



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

