

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102521\
 Data File : VL037893.D
 Acq On : 25 Oct 2021 14:10
 Operator : SY/AP
 Sample : VL1025ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01

Quant Time: Oct 25 23:50:15 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	5.68	49	1494131	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4380577	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4899450	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2815193	8.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.06	85	1942380	8.139	ppbv	96
3) Chlorodifluoromethane	3.00	51	2517820	8.770	ppbv	99
4) Chloromethane	3.15	50	993935	9.452	ppbv	94
5) Vinyl Chloride	3.27	62	963546	9.996	ppbv	98
6) Bromomethane	3.48	94	467469	8.966	ppbv	98
7) Chloroethane	3.57	64	326866	9.223	ppbv	96
8) Dichlorotetrafluoroethane	3.20	85	2207913	9.360	ppbv	99
9) Propene	3.02	41	901979	8.539	ppbv	98
10) Heptane	8.13	43	2398710	9.999	ppbv	99
11) Trichlorofluoromethane	3.96	101	1969708	9.251	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1463945	9.074	ppbv	99
13) Ethanol	3.62	45	54338	6.290	ppbv	72
14) Bromoethene	3.75	108	677420	9.550	ppbv	96
15) Acetone	3.86	43	1430837	10.668	ppbv	99
16) 1,3-Butadiene	3.34	39	928586	9.515	ppbv	99
17) tert-Butyl alcohol	4.29	59	1263420	9.146	ppbv	99
18) 1,1-Dichloroethene	4.30	96	692068	9.439	ppbv	99
19) Isopropyl Alcohol	3.98	45	746256	8.943	ppbv #	92
20) Methylene Chloride	4.35	84	587015	8.662	ppbv	99
21) Allyl Chloride	4.42	41	1097368	9.235	ppbv	99
22) trans-1,2-Dichloroethene	4.90	96	690180	9.363	ppbv	96
23) Vinyl Acetate	5.08	43	2087437	10.385	ppbv	99
24) 1,1-Dichloroethane	5.02	63	1407184	9.617	ppbv	99
25) Ethyl Acetate	5.69	43	3619832	9.618	ppbv	100
26) Hexane	5.70	57	1693753	9.139	ppbv	98
27) Carbon Disulfide	4.56	76	1734474	10.560	ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1367887	8.865	ppbv	100
29) Chloroform	5.76	83	2450272	9.249	ppbv	97
30) Cyclohexane	7.14	84	1444369	9.190	ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1563560	9.293	ppbv	97
32) 1,1,1-Trichloroethane	6.52	97	2339488	9.315	ppbv	99
34) 2-Butanone	5.25	43	1605094	9.076	ppbv	100
35) Carbon Tetrachloride	7.03	117	2425877	9.751	ppbv	98
36) Benzene	6.90	78	3559409	9.513	ppbv	99
37) 1,2-Dichloroethane	6.32	62	1674777	9.506	ppbv	99
38) Trichloroethene	7.84	130	1442579	9.759	ppbv	98
39) 1,2-Dichloropropane	7.62	63	1362121	9.678	ppbv	95
40) 1,4-Dioxane	7.85	88	323885	9.197	ppbv #	100
41) Tetrahydrofuran	6.06	42	813178	9.390	ppbv	99
42) Bromodichloromethane	7.80	83	2568213	9.924	ppbv	98
43) Methyl Methacrylate	8.02	69	1282240	10.492	ppbv	98

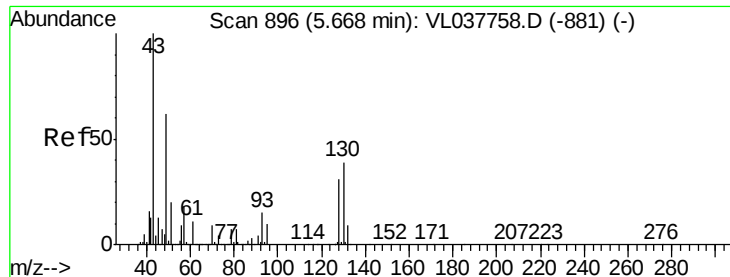
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102521\
 Data File : VL037893.D
 Acq On : 25 Oct 2021 14:10
 Operator : SY/AP
 Sample : VL1025ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01

Quant Time: Oct 25 23:50:15 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	7.88	57	6019885	9.576	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	858607	10.211	ppbv	96
46) cis-1,3-Dichloropropene	8.72	75	1187802	10.191	ppbv	97
47) 1,1,2-Trichloroethane	9.48	97	1460526	9.546	ppbv	98
48) Dibromochloromethane	10.31	129	2288172	10.491	ppbv	99
49) Bromoform	13.05	173	1988999	11.918	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	2355820	10.233	ppbv	99
51) 2-Hexanone	10.15	43	1097146	10.675	ppbv #	99
52) Tetrachloroethene	11.23	164	1301081	8.938	ppbv	97
53) Toluene	9.82	91	4124015	9.946	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2019906	9.774	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.14	131	1589268	7.836	ppbv	95
57) Chlorobenzene	12.16	112	3077778	7.658	ppbv	99
58) Ethyl Benzene	12.72	91	5417931	8.235	ppbv	100
59) m/p-Xylene	13.00	91	4662340	8.256	ppbv #	32
60) o-Xylene	13.70	91	4257032	7.866	ppbv	99
61) Styrene	13.54	104	2392886	9.141	ppbv	98
62) Isopropylbenzene	14.68	105	6051497	8.016	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	3208214	7.682	ppbv	99
64) n-propylbenzene	15.57	120	1651507	8.773	ppbv	92
65) tert-Butylbenzene	16.75	119	5365088	8.076	ppbv	99
66) Benzyl Chloride	17.00	91	156347	4.769	ppbv #	79
67) sec-Butylbenzene	17.30	105	7573181	8.336	ppbv	100
69) p-Isopropyltoluene	17.66	119	6354813	8.652	ppbv	100
70) n-Butylbenzene	18.56	91	6285523	9.008	ppbv	100
71) 2-Chlorotoluene	15.46	91	4549903	8.535	ppbv	98
72) 4-Ethyltoluene	15.85	105	5395277	8.780	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	4842367	8.675	ppbv	96
74) 1,2,4-Trimethylbenzene	16.77	105	4989954	8.513	ppbv	97
75) 1,3-Dichlorobenzene	17.00	146	3084231	8.493	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	2997968	8.654	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	2971103	8.517	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	2163345	7.595	ppbv	99
79) Naphthalene	22.20	128	3567426	9.937	ppbv	99
80) Naphthalene,2-methyl-	24.97	142	804943	8.351	ppbv	99
81) 1,2,4-Trichlorobenzene	21.93	180	2181532	9.501	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1025ABS01

Acq: 25 Oct 2021 14:10

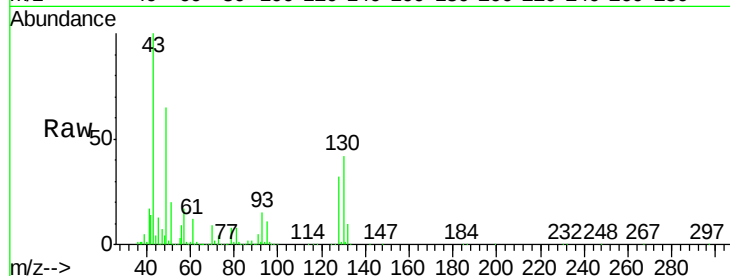
Tgt Ion: 49 Resp: 1494131

Ion	Ratio	Lower	Upper
49	100		
128	54.3	27.1	81.3
130	66.4	33.2	99.6

49 100

128 54.3 27.1 81.3

130 66.4 33.2 99.6



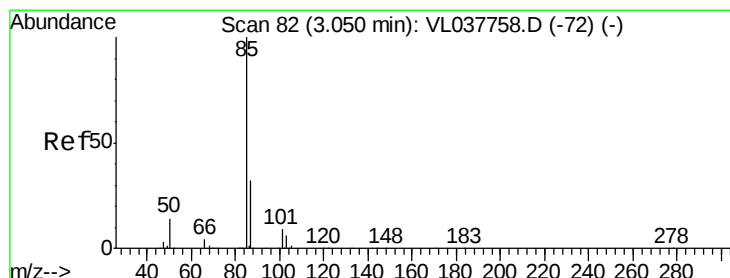
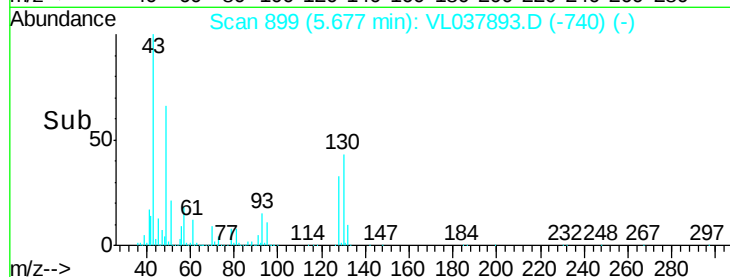
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.68

Time-->



#2

Dichlorodifluoromethane

Concen: 8.139 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL037893.D

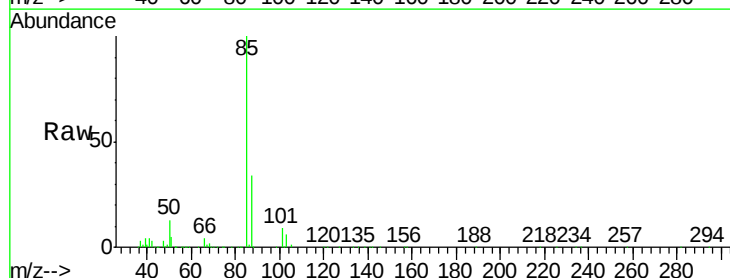
Acq: 25 Oct 2021 14:10

Tgt Ion: 85 Resp: 1942380

Ion	Ratio	Lower	Upper
85	100		
87	34.1	25.7	38.5

85 100

87 34.1 25.7 38.5

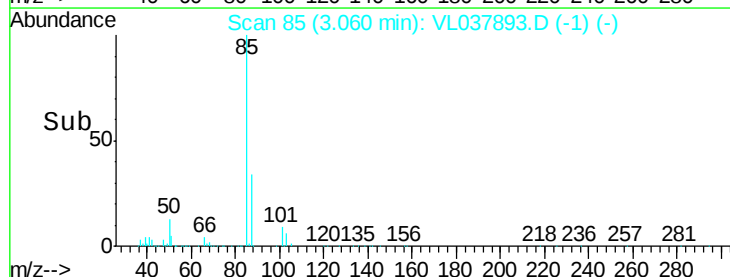


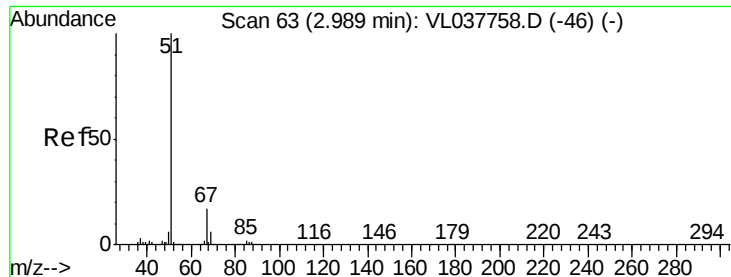
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.06

Time-->





#3

Chlorodifluoromethane

Concen: 8.770 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

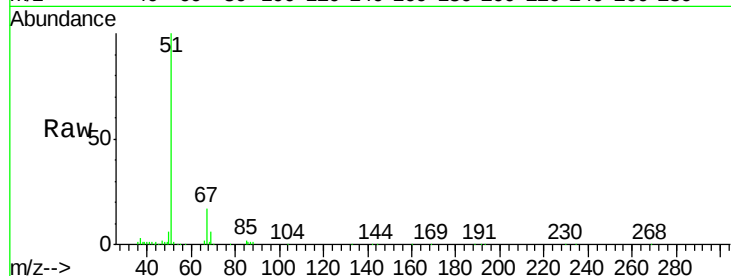
Acq: 25 Oct 2021 14:10 VL1025ABS01

Tgt Ion: 51 Resp: 2517820

Ion Ratio Lower Upper

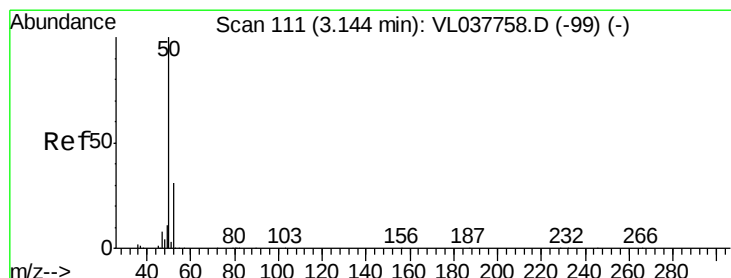
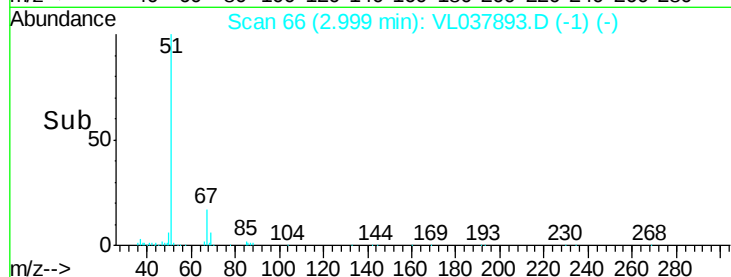
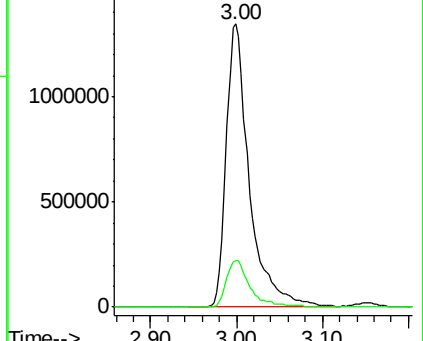
51 100

67 17.1 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: 9.452 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL037893.D

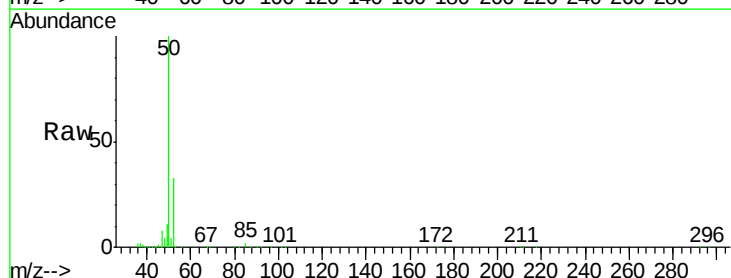
Acq: 25 Oct 2021 14:10

Tgt Ion: 50 Resp: 993935

Ion Ratio Lower Upper

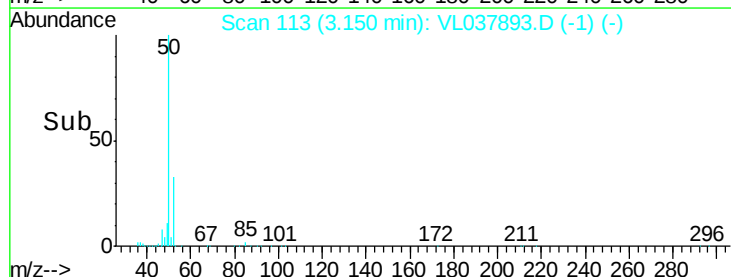
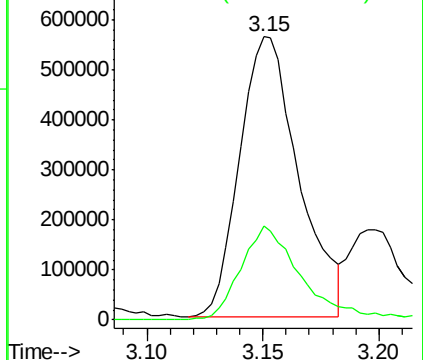
50 100

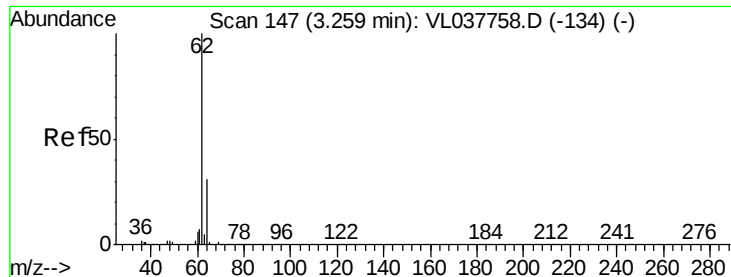
52 33.6 24.4 36.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.996 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

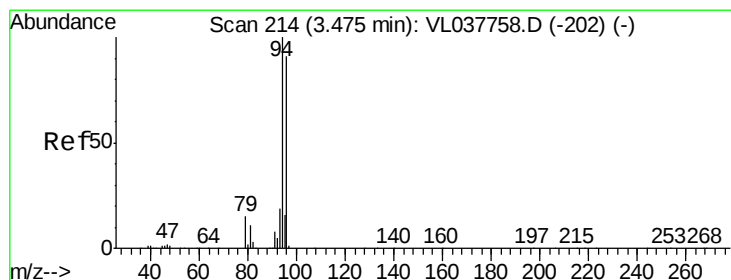
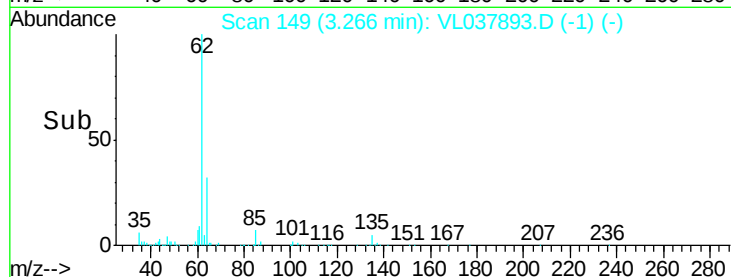
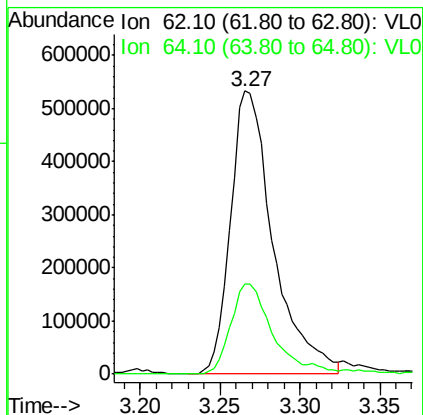
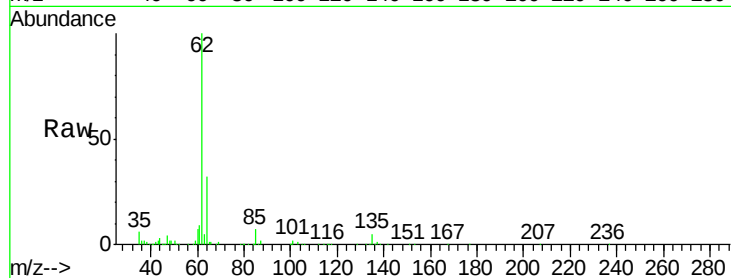
Acq: 25 Oct 2021 14:10 VL1025ABS01

Tgt Ion: 62 Resp: 963546

Ion Ratio Lower Upper

62 100

64 32.0 24.9 37.3



#6

Bromomethane

Concen: 8.966 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.01 min

Lab File: VL037893.D

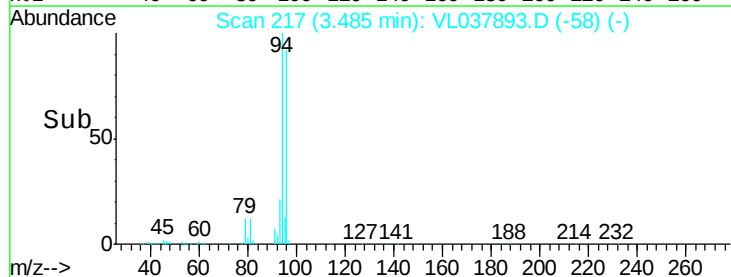
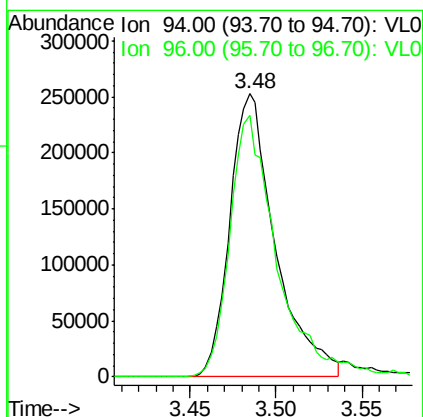
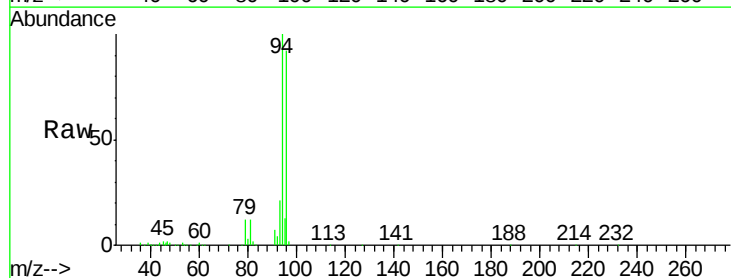
Acq: 25 Oct 2021 14:10

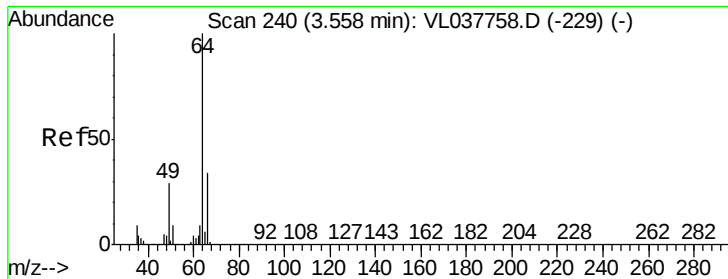
Tgt Ion: 94 Resp: 467469

Ion Ratio Lower Upper

94 100

96 92.2 72.5 108.7





#7

Chloroethane

Concen: 9.223 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

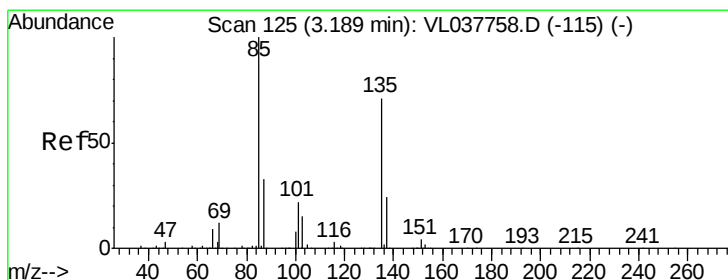
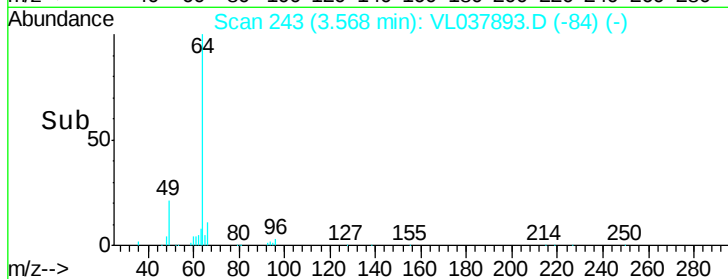
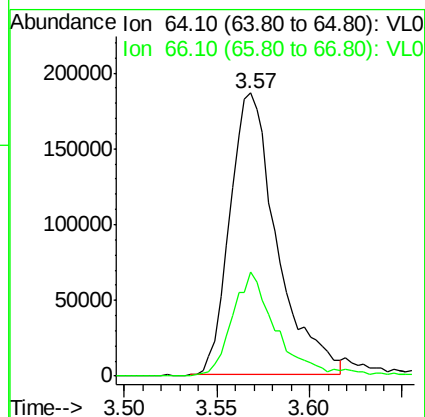
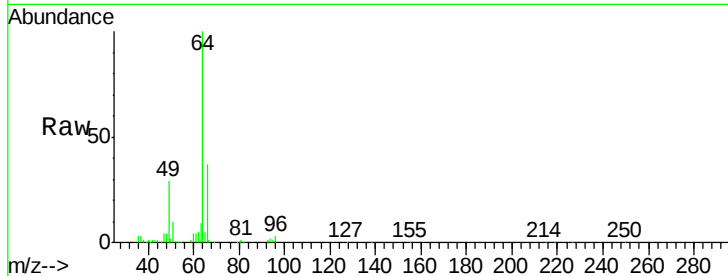
Acq: 25 Oct 2021 14:10

Tgt Ion: 64 Resp: 326866

Ion Ratio Lower Upper

64 100

66 37.0 27.5 41.3



#8

Dichlorotetrafluoroethane

Concen: 9.360 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.01 min

Lab File: VL037893.D

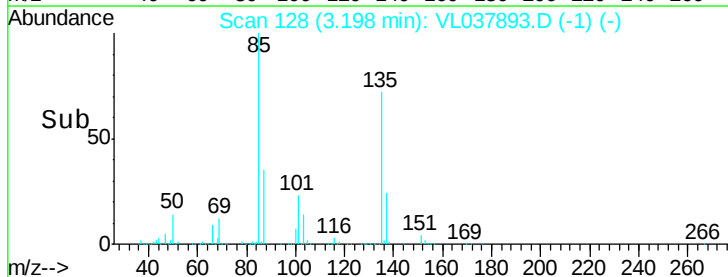
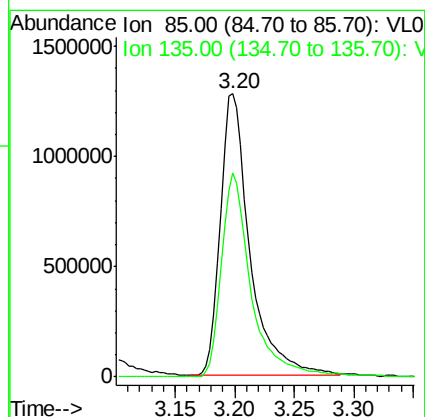
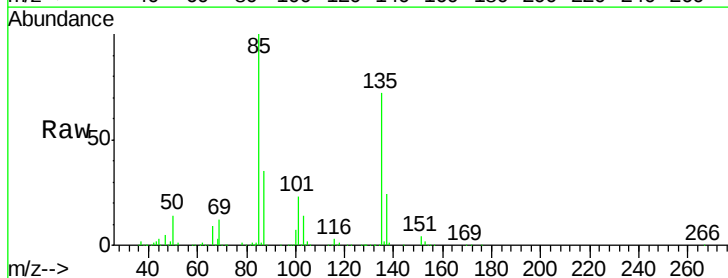
Acq: 25 Oct 2021 14:10

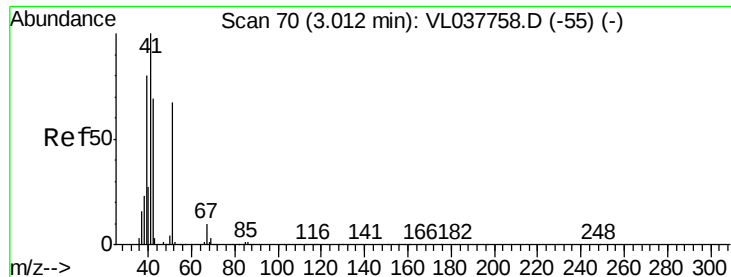
Tgt Ion: 85 Resp: 2207913

Ion Ratio Lower Upper

85 100

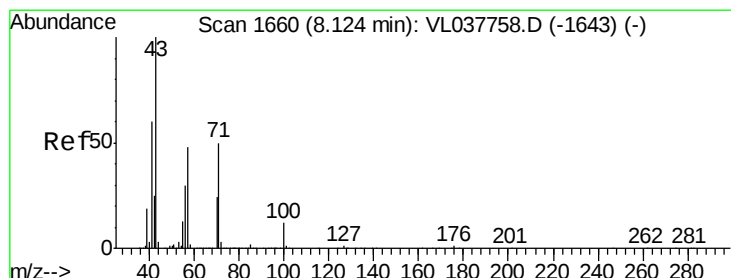
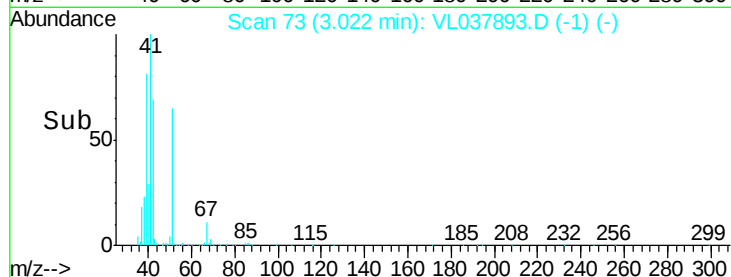
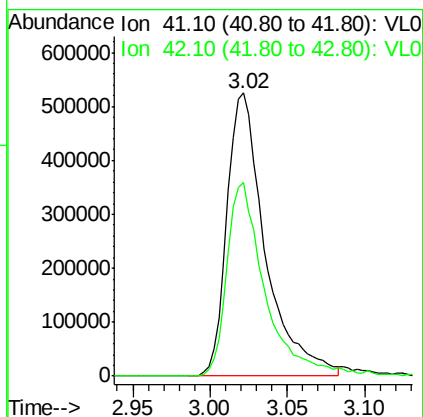
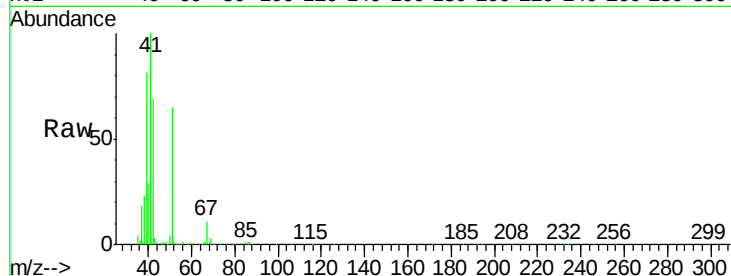
135 73.3 59.5 89.3





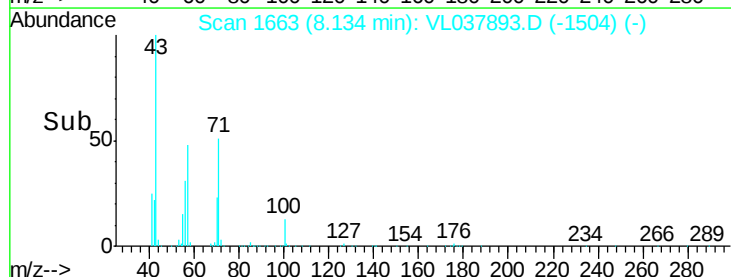
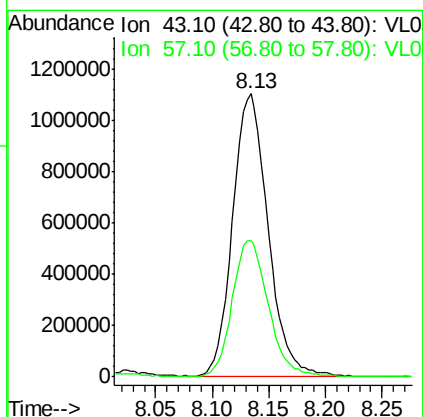
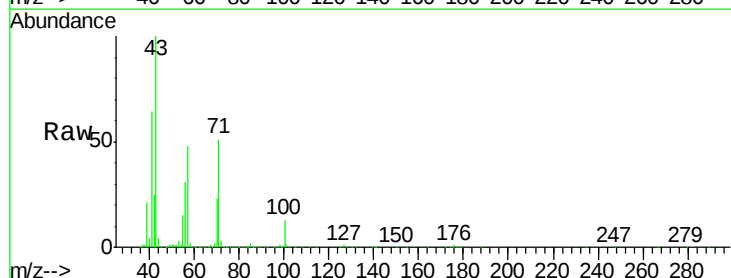
#9
 Propene
 Concen: 8.539 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Oct 2021 14:10

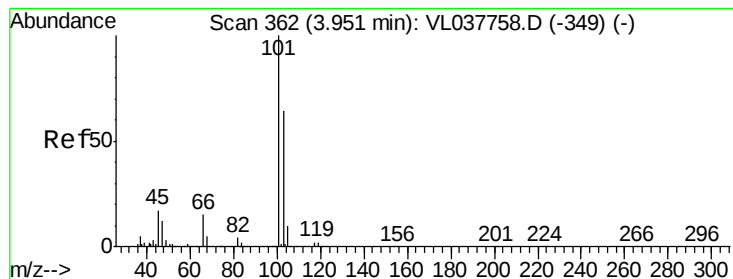
Tgt Ion: 41 Resp: 901979
 Ion Ratio Lower Upper
 41 100
 42 69.0 54.2 81.2



#10
 Heptane
 Concen: 9.999 ppbv
 RT: 8.13 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion: 43 Resp: 2398710
 Ion Ratio Lower Upper
 43 100
 57 49.5 40.0 60.0





#11

Trichlorofluoromethane

Concen: 9.251 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1025ABS01

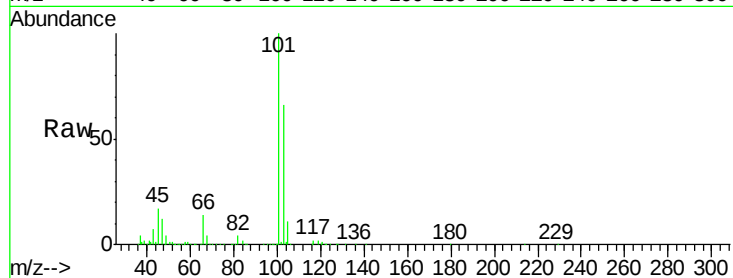
Acq: 25 Oct 2021 14:10

Tgt Ion:101 Resp: 1969708

Ion Ratio Lower Upper

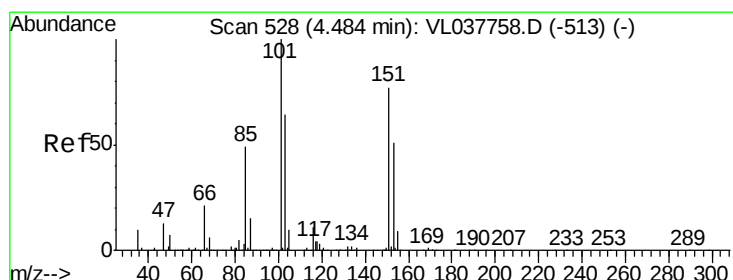
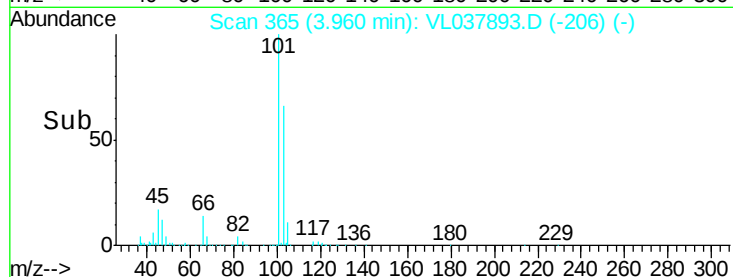
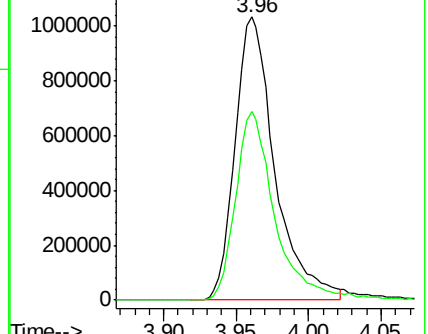
101 100

103 66.5 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.074 ppbv

RT: 4.49 min Scan# 531

Delta R.T. 0.01 min

Lab File: VL037893.D

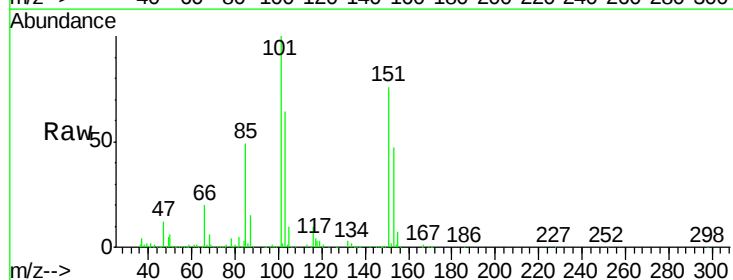
Acq: 25 Oct 2021 14:10

Tgt Ion:101 Resp: 1463945

Ion Ratio Lower Upper

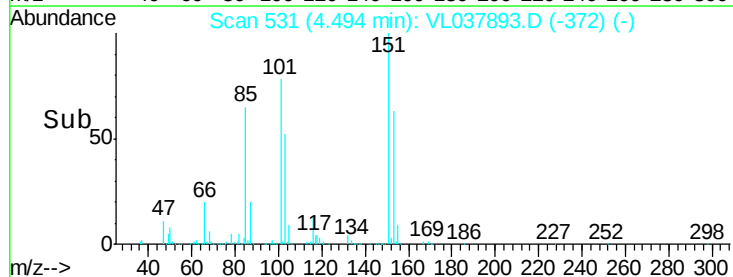
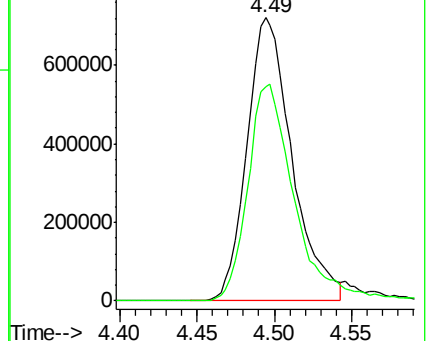
101 100

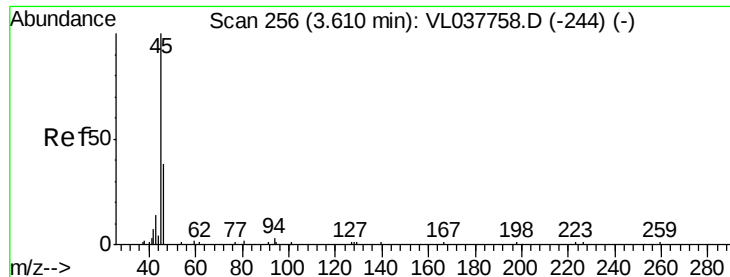
151 79.7 62.9 94.3



Abundance Ion 101.00 (100.70 to 101.70): V

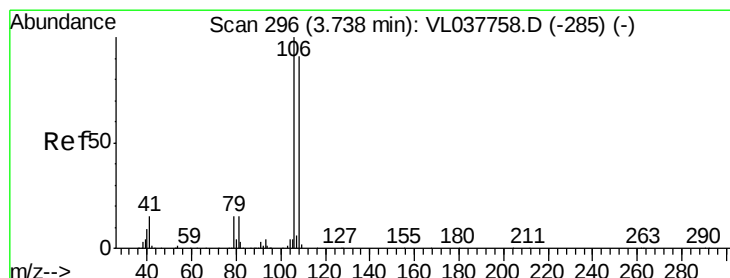
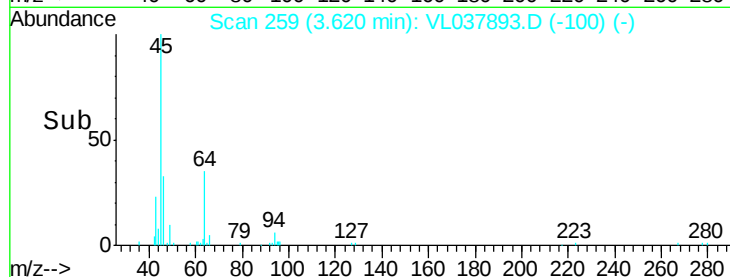
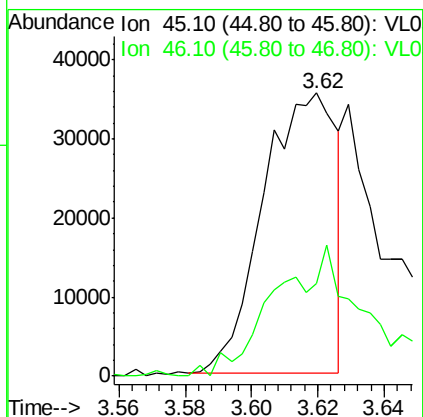
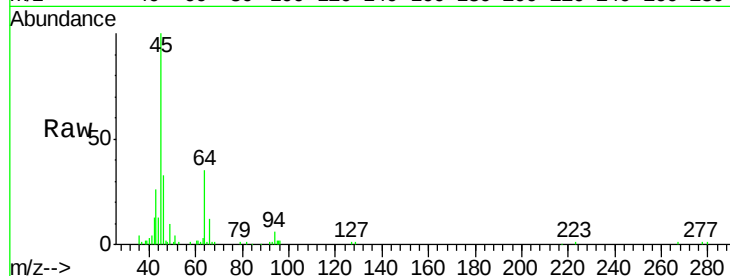
Ion 151.00 (150.70 to 151.70): V





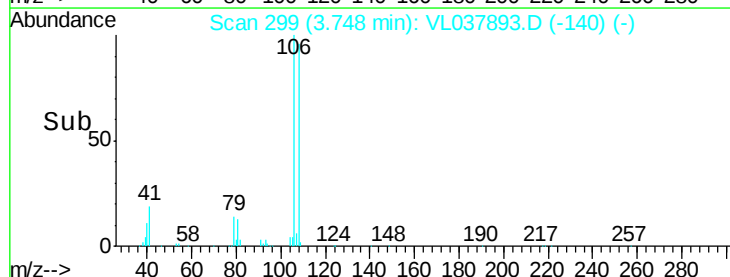
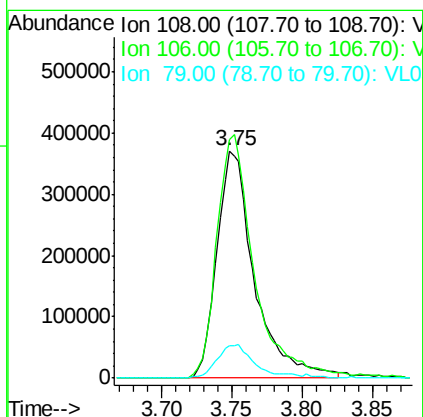
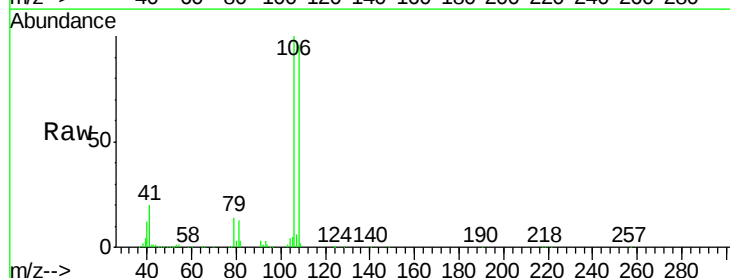
#13
Ethanol
Concen: 6.290 ppbv
RT: 3.62
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL1025ABS01
Acq: 25 Oct 2021 14:10

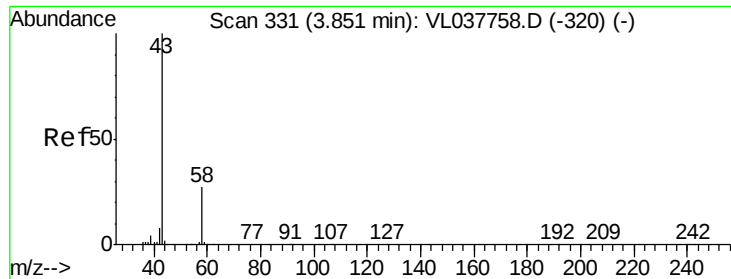
Tgt Ion: 45 Resp: 54338
Ion Ratio Lower Upper
45 100
46 70.3 20.2 81.0



#14
Bromoethene
Concen: 9.550 ppbv
RT: 3.75 min Scan# 299
Delta R.T.: 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion: 108 Resp: 677420
Ion Ratio Lower Upper
108 100
106 110.2 91.9 137.9
79 15.7 13.9 20.9





#15

Acetone

Concen: 10.668 ppbv

RT: 3.86 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

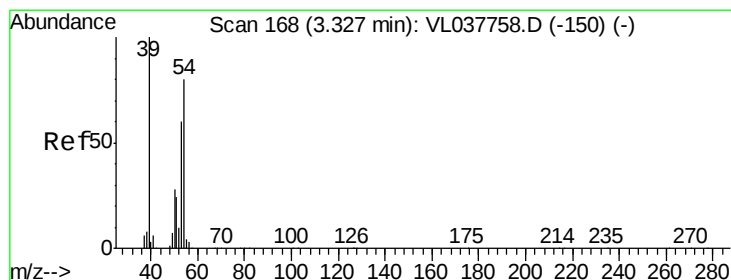
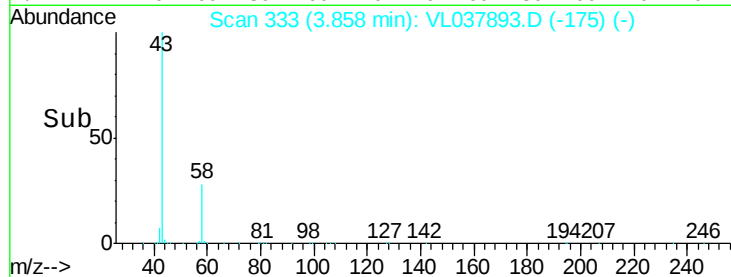
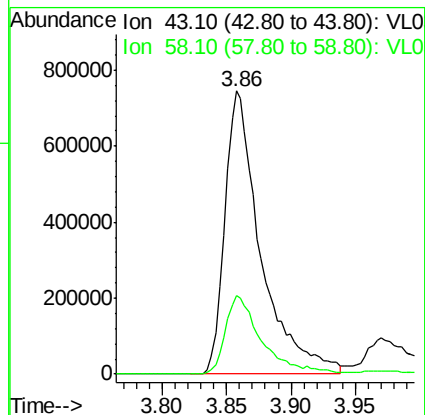
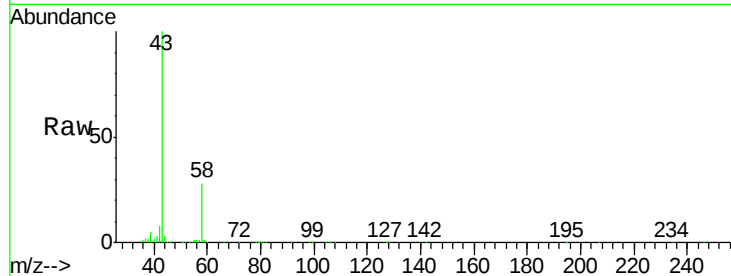
Acq: 25 Oct 2021 14:10 VL1025ABS01

Tgt Ion: 43 Resp: 1430837

Ion Ratio Lower Upper

43 100

58 28.4 23.0 34.6



#16

1,3-Butadiene

Concen: 9.515 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.01 min

Lab File: VL037893.D

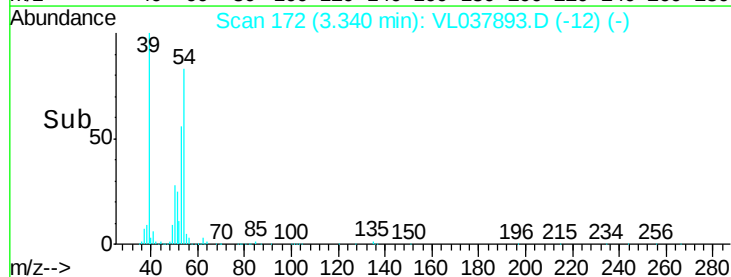
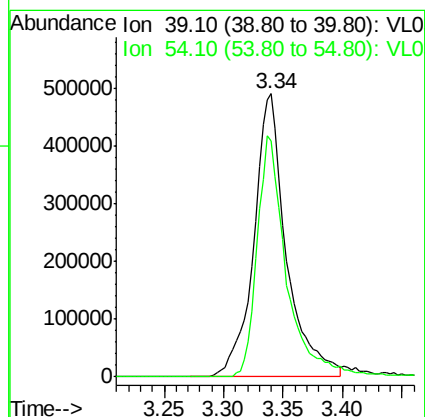
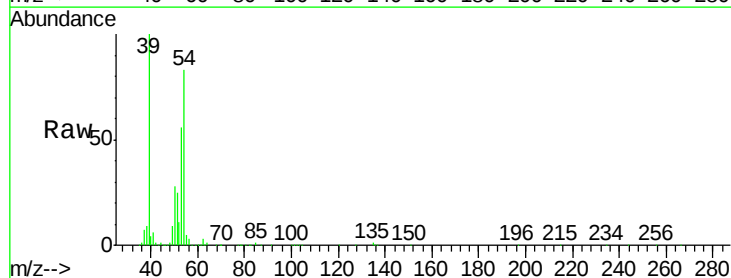
Acq: 25 Oct 2021 14:10

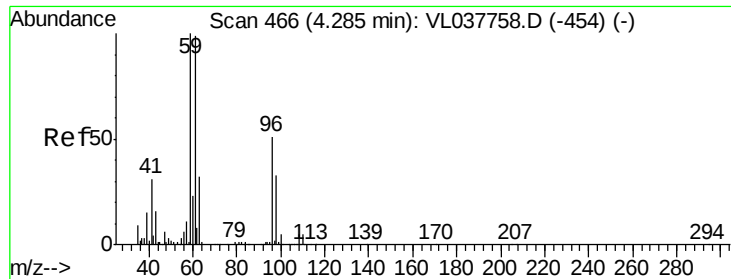
Tgt Ion: 39 Resp: 928586

Ion Ratio Lower Upper

39 100

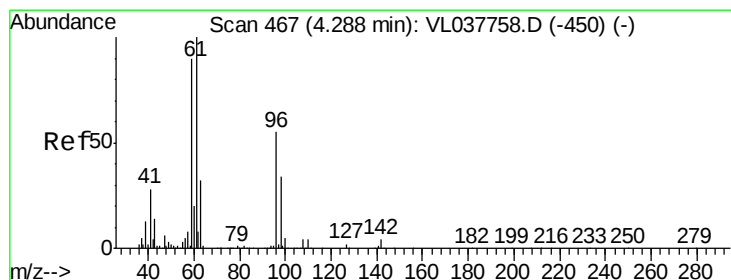
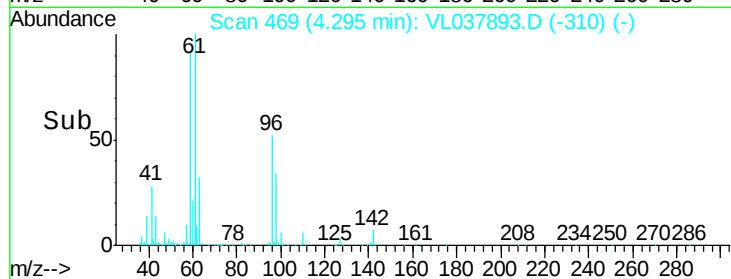
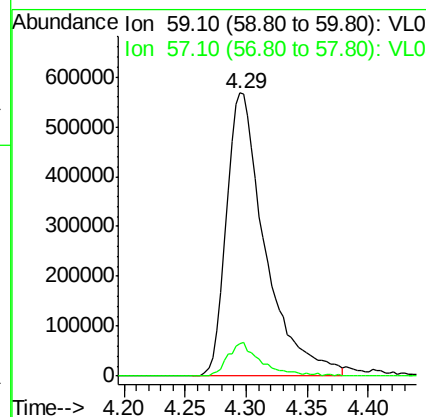
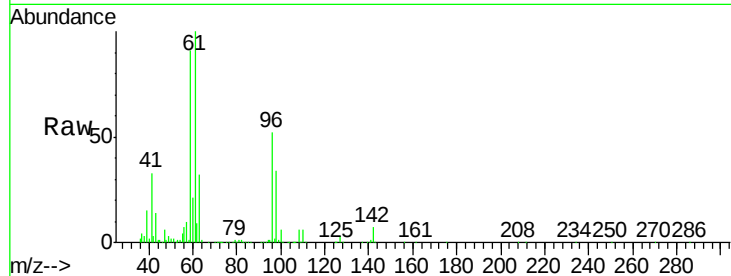
54 77.8 61.7 92.5





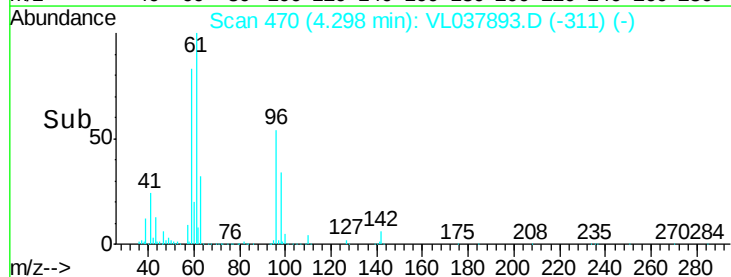
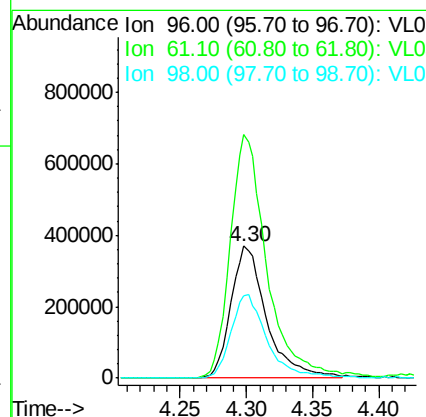
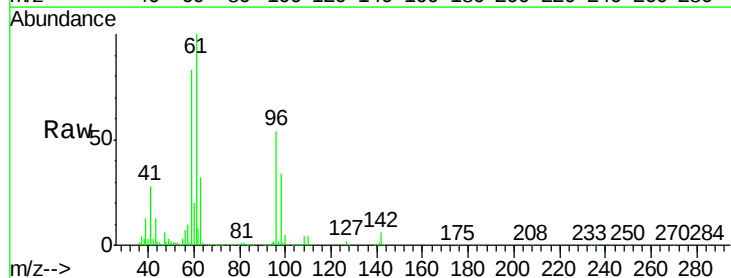
#17
 tert-Butyl alcohol
 Concen: 9.146 ppbv
 RT: 4.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1025ABS01
 Acq: 25 Oct 2021 14:10

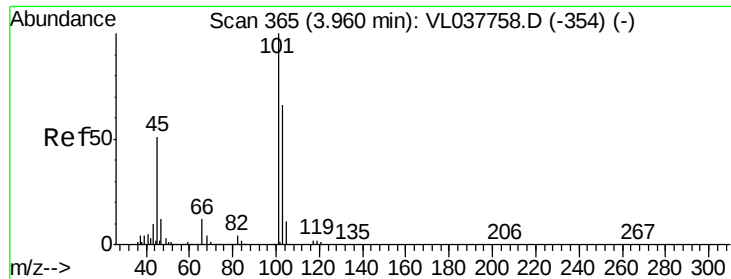
Tgt Ion: 59 Resp: 1263420
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.6 13.0



#18
 1,1-Dichloroethene
 Concen: 9.439 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

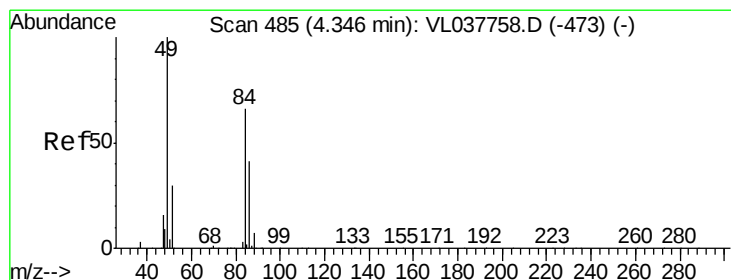
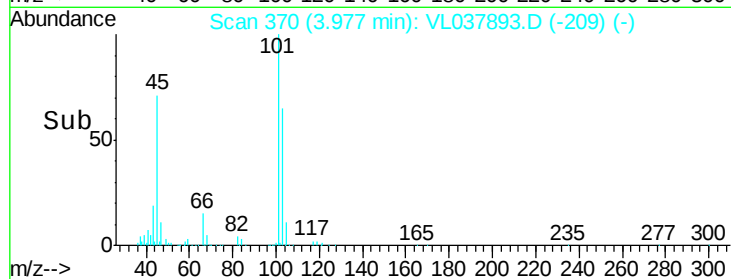
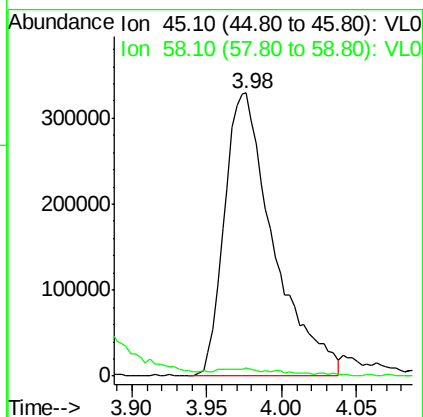
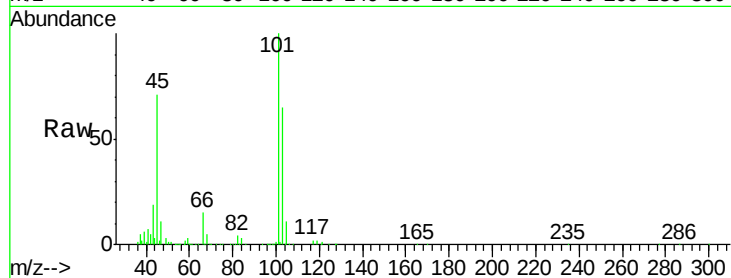
Tgt Ion: 96 Resp: 692068
 Ion Ratio Lower Upper
 96 100
 61 184.5 146.2 219.4
 98 62.2 50.0 75.0





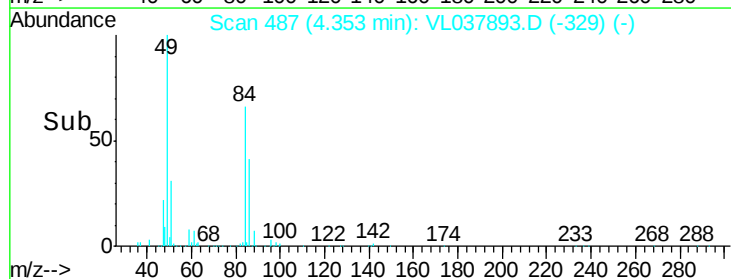
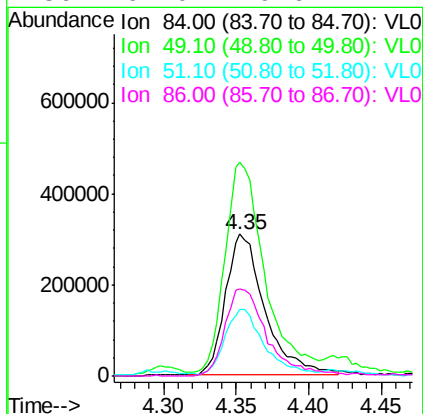
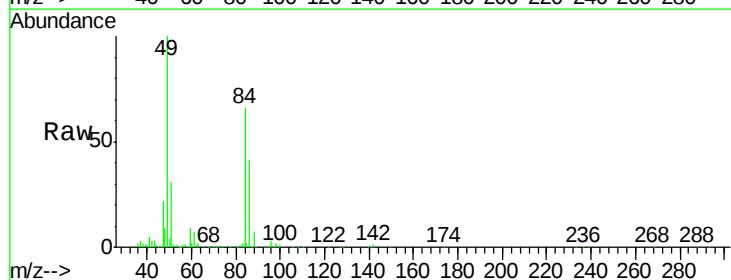
#19
Isopropyl Alcohol
Concen: 8.943 ppbv
RT: 3.98
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 14:10

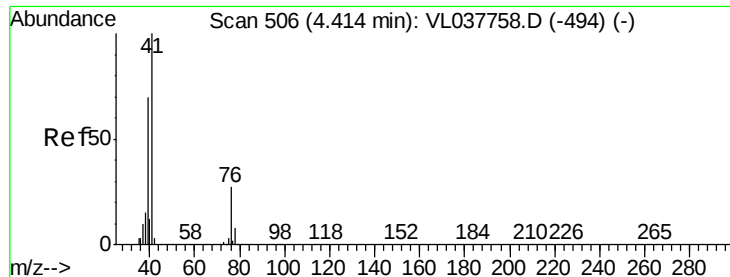
Tgt Ion: 45 Resp: 746256
Ion Ratio Lower Upper
45 100
58 4.3 1.1 1.7#



#20
Methylene Chloride
Concen: 8.662 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

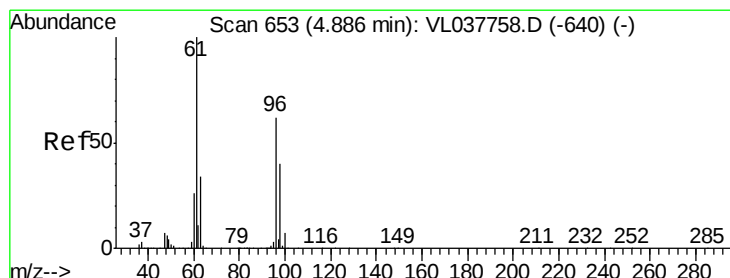
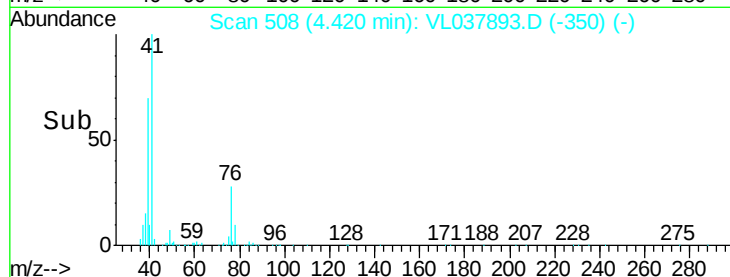
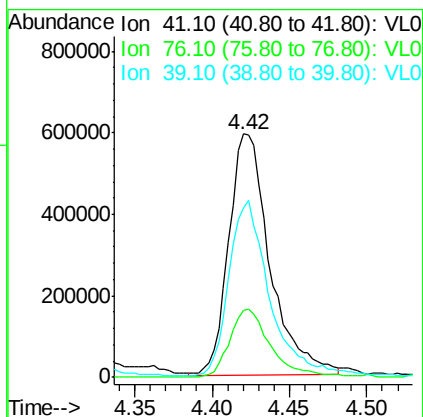
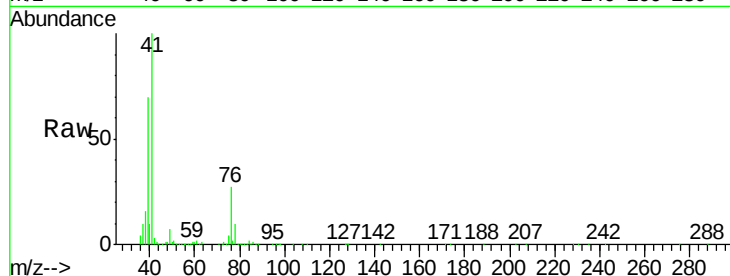
Tgt Ion: 84 Resp: 587015
Ion Ratio Lower Upper
84 100
49 148.8 120.7 181.1
51 45.6 36.2 54.4
86 62.0 49.6 74.4





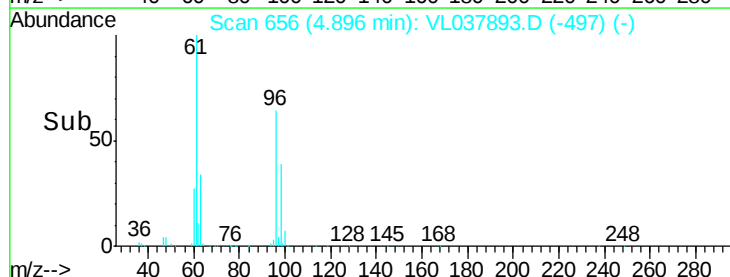
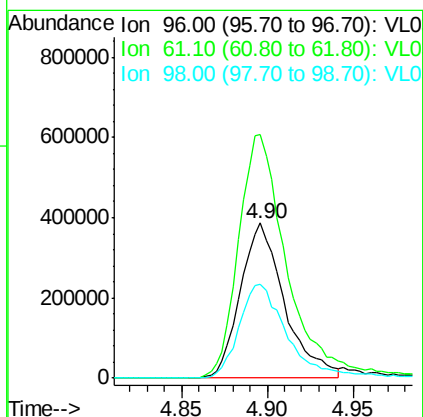
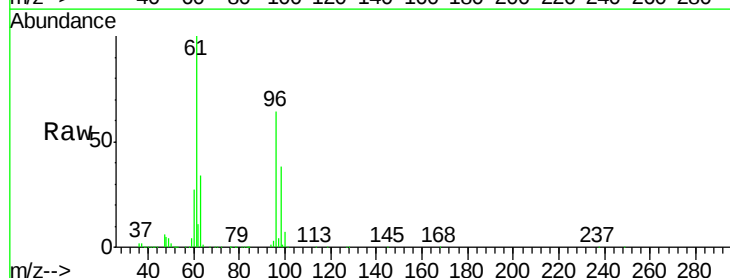
#21
 Allyl Chloride
 Concen: 9.235 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1025ABS01
 Acq: 25 Oct 2021 14:10

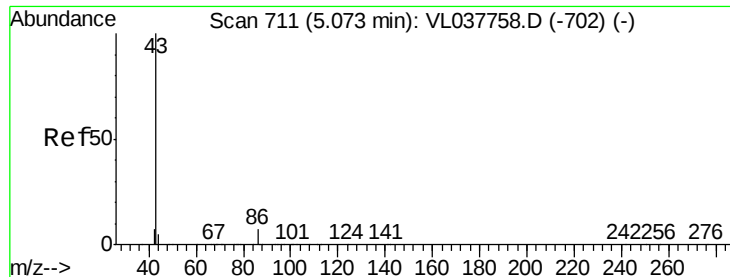
Tgt Ion: 41 Resp: 1097368
 Ion Ratio Lower Upper
 41 100
 76 28.7 22.4 33.6
 39 72.7 58.0 87.0



#22
 trans-1,2-Dichloroethene
 Concen: 9.363 ppbv
 RT: 4.90 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

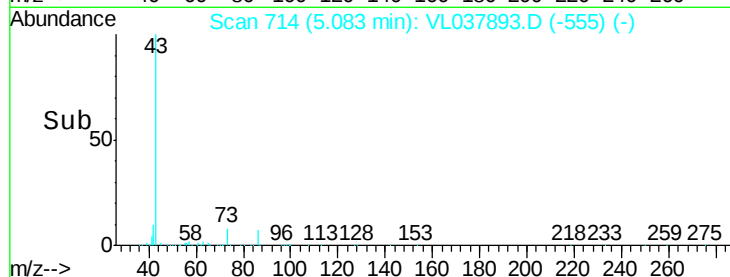
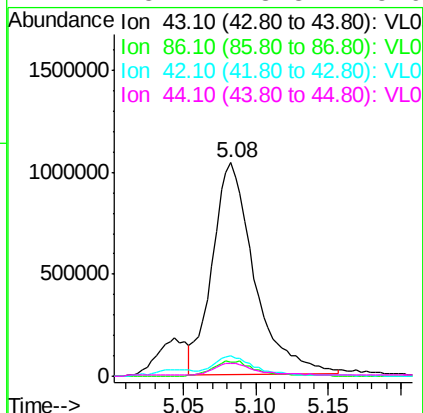
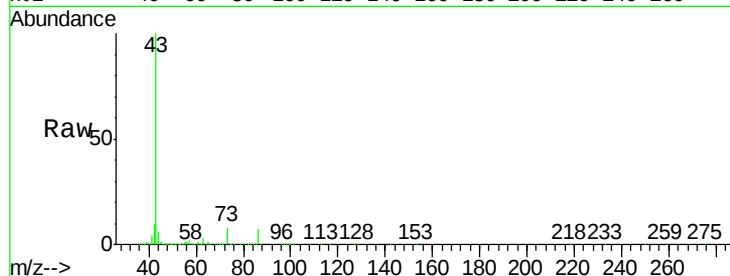
Tgt Ion: 96 Resp: 690180
 Ion Ratio Lower Upper
 96 100
 61 156.9 129.0 193.6
 98 60.2 51.7 77.5





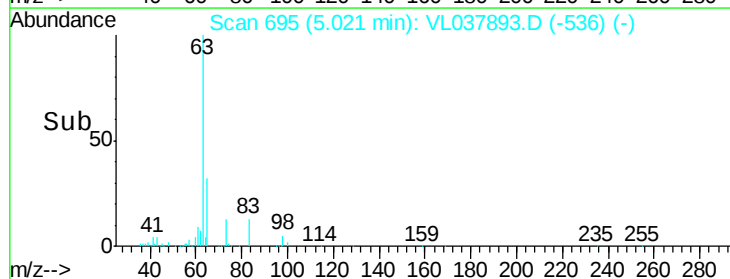
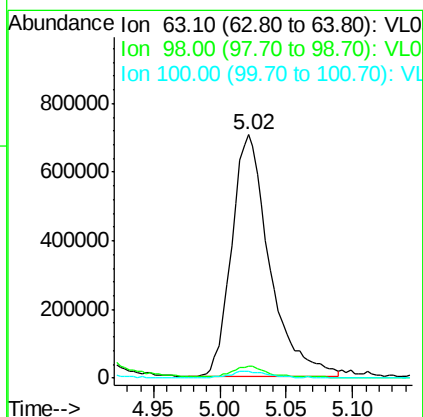
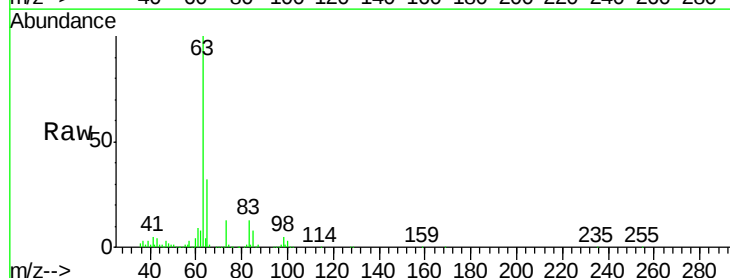
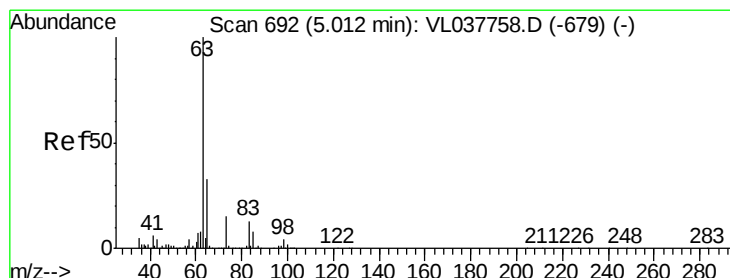
#23
 Vinyl Acetate
 Concen: 10.385 ppbv
 RT: 5.08
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Oct 2021 14:10

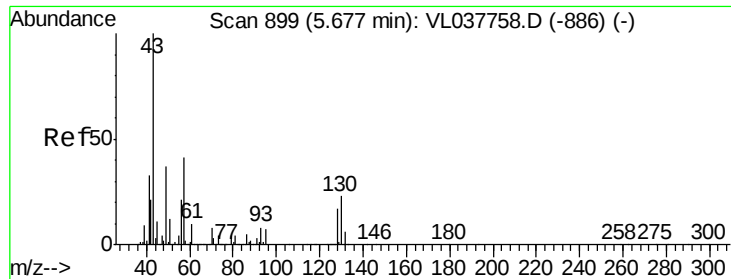
Tgt Ion:	43	Resp:	2087437
Ion	Ratio	Lower	Upper
43	100		
86	6.5	5.0	7.4
42	9.6	7.4	11.0
44	5.4	3.8	5.6



#24
 1,1-Dichloroethane
 Concen: 9.617 ppbv
 RT: 5.02 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion:	63	Resp:	1407184
Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.3	6.9
100	2.7	1.1	3.1





#25

Ethyl Acetate

Concen: 9.618 ppbv

RT: 5.69 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL1025ABS01

Acq: 25 Oct 2021 14:10

Tgt Ion: 43 Resp: 3619832

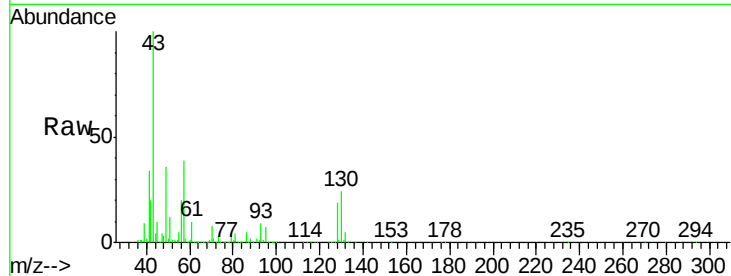
Ion Ratio Lower Upper

43 100

45 10.1 8.1 12.1

61 9.6 7.5 11.3

70 7.0 5.9 8.9

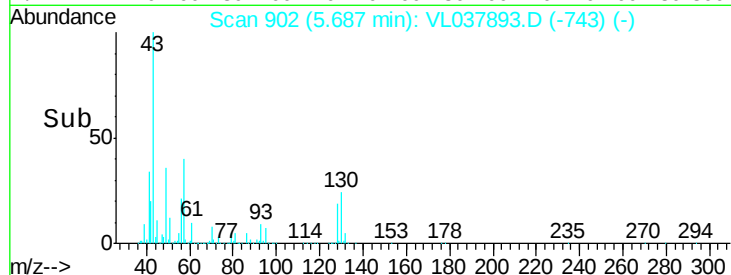
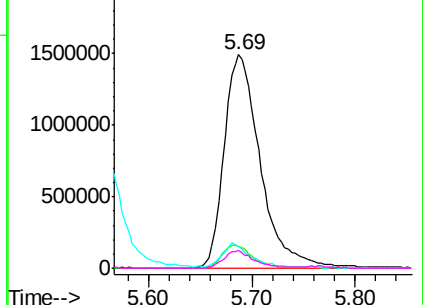


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.139 ppbv

RT: 5.70 min Scan# 905

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

Tgt Ion: 57 Resp: 1693753

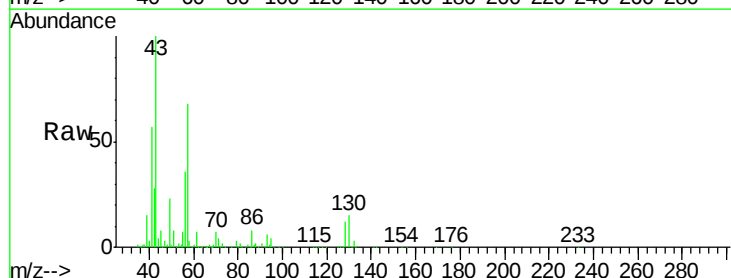
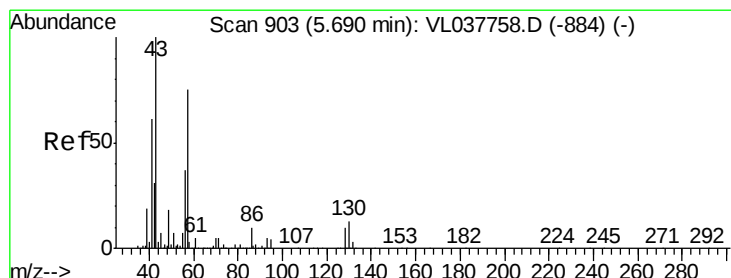
Ion Ratio Lower Upper

57 100

41 91.0 69.6 104.4

43 217.1 171.4 257.0

56 53.8 42.0 63.0

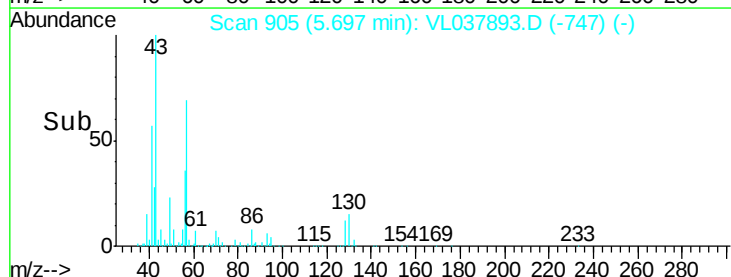
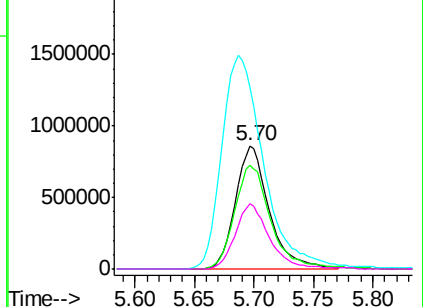


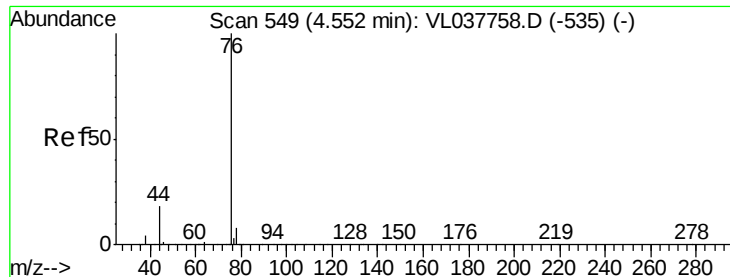
Abundance Ion 57.10 (56.80 to 57.80): VL0

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

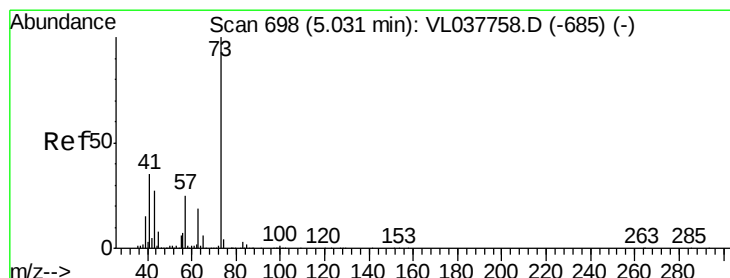
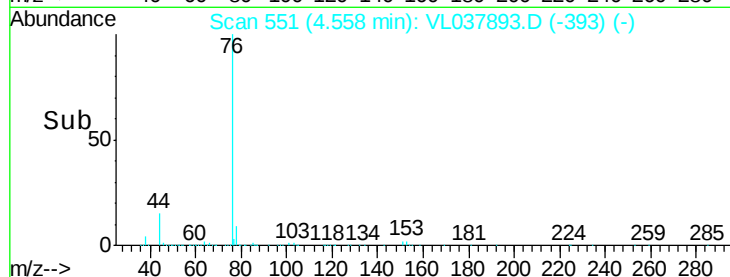
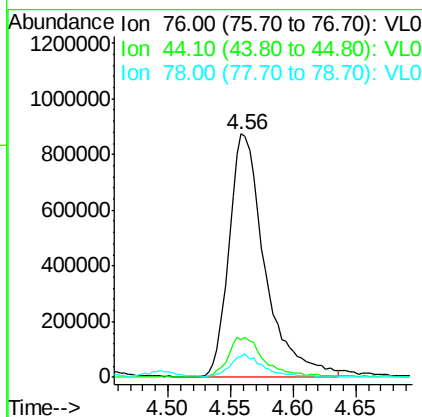
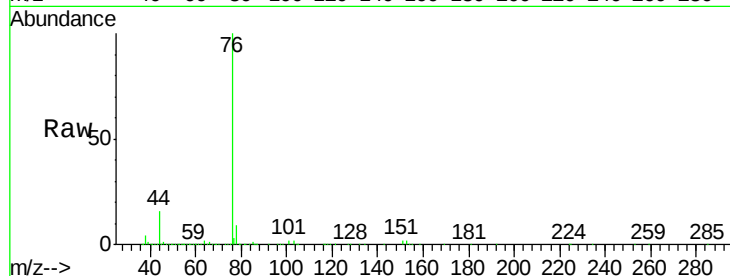




#27
 Carbon Disulfide
 Concen: 10.560 ppbv
 RT: 4.56 Instrument: MSVOA_1
 Delta R.T. ClientSampleId:
 Lab File: VL1025ABS01
 Acq: 25 Oct 2021 14:10

Tgt Ion: 76 Resp: 1734474

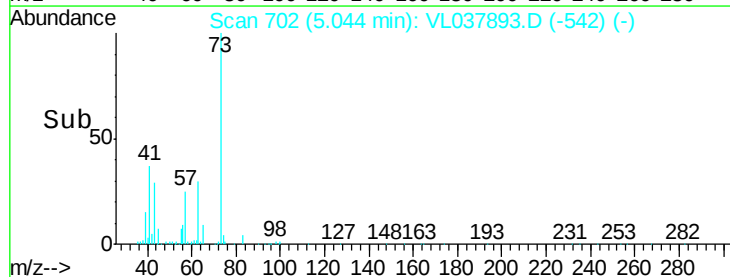
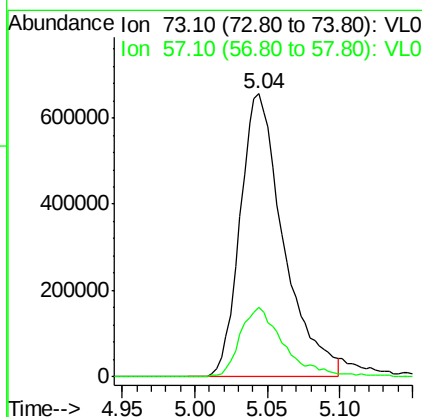
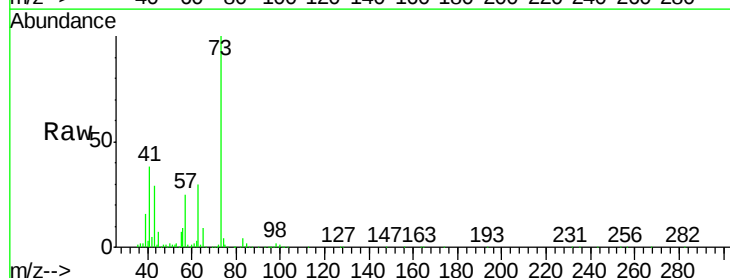
Ion	Ratio	Lower	Upper
76	100		
44	17.0	14.3	21.5
78	9.5	7.8	11.6

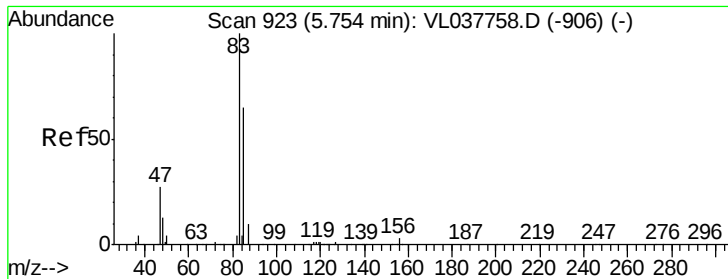


#28
 Methyl tert-Butyl Ether
 Concen: 8.865 ppbv
 RT: 5.04 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion: 73 Resp: 1367887

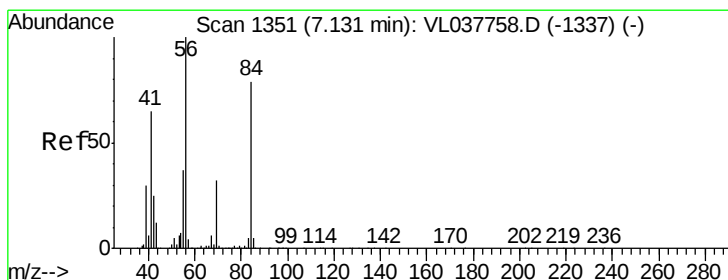
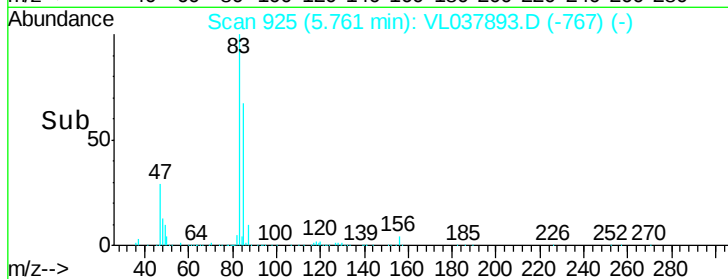
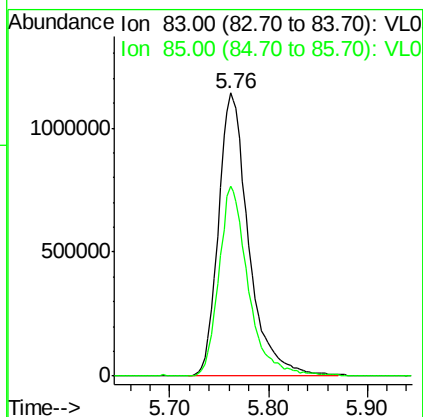
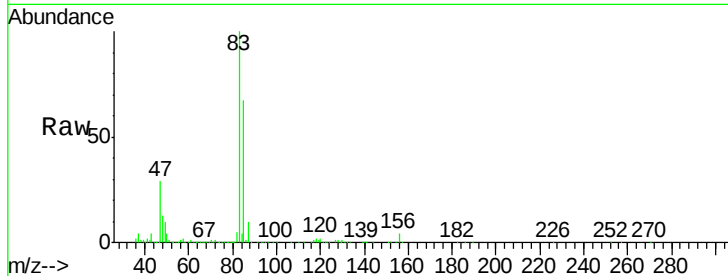
Ion	Ratio	Lower	Upper
73	100		
57	25.5	20.4	30.6





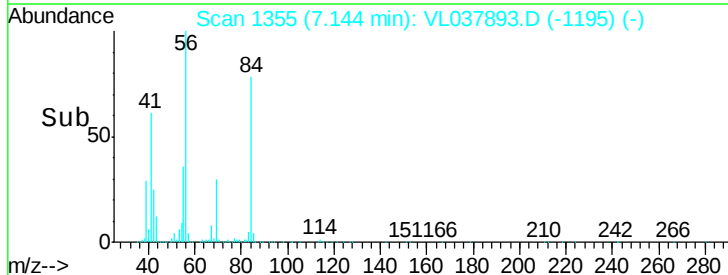
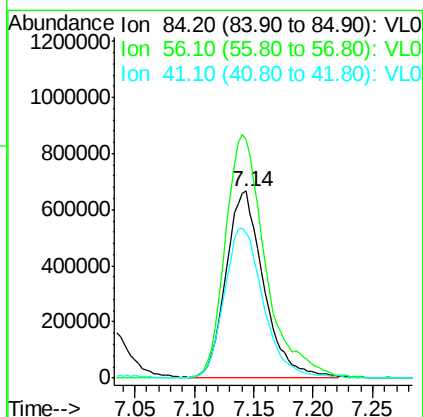
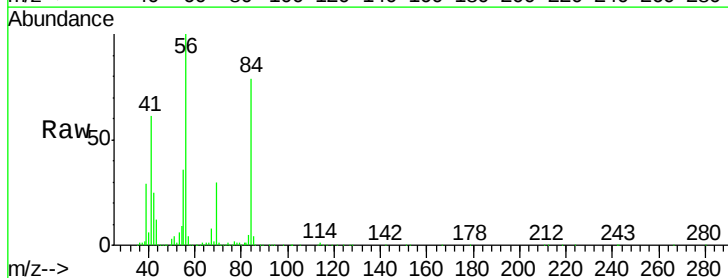
#29
Chloroform
Concen: 9.249 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 14:10

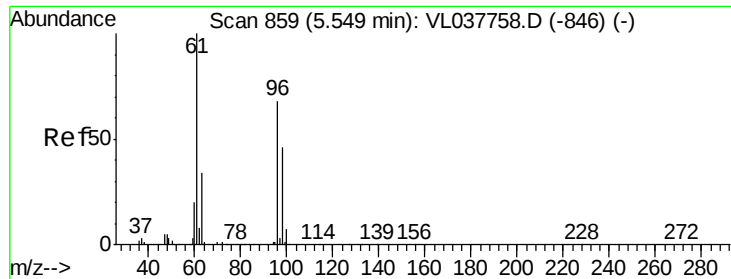
Tgt Ion: 83 Resp: 2450272
Ion Ratio Lower Upper
83 100
85 67.1 51.8 77.8



#30
Cyclohexane
Concen: 9.190 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion: 84 Resp: 1444369
Ion Ratio Lower Upper
84 100
56 140.7 113.0 169.4
41 84.1 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 9.293 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 25 Oct 2021 14:10 VL1025ABS01

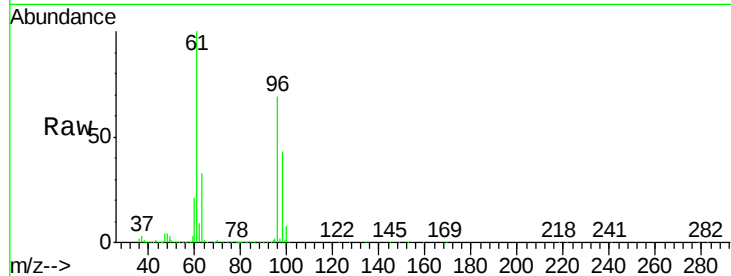
Tgt Ion: 61 Resp: 1563560

Ion Ratio Lower Upper

61 100

96 68.8 54.2 81.2

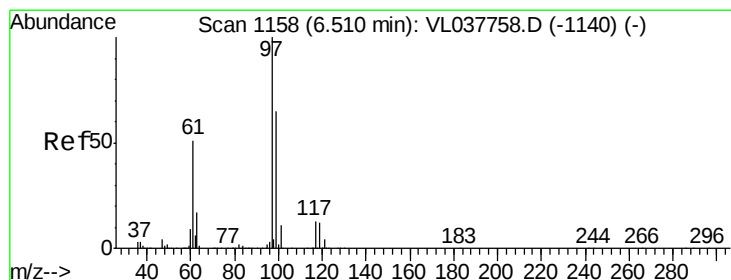
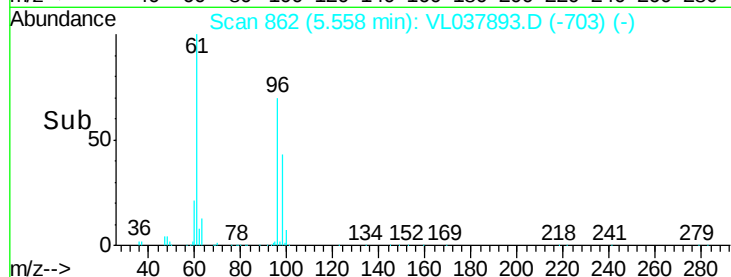
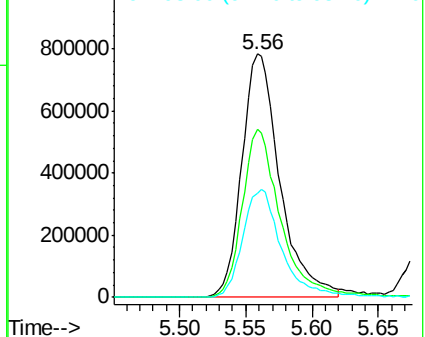
98 42.9 36.6 54.8



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: 9.315 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

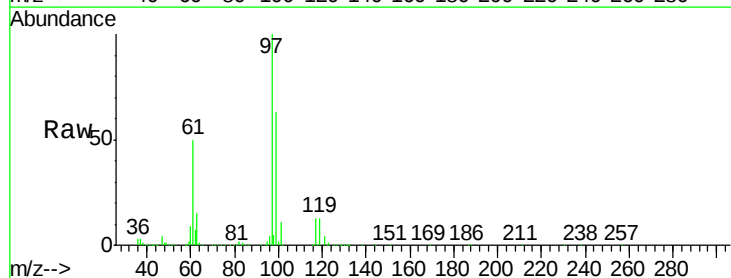
Tgt Ion: 97 Resp: 2339488

Ion Ratio Lower Upper

97 100

99 64.5 52.6 78.8

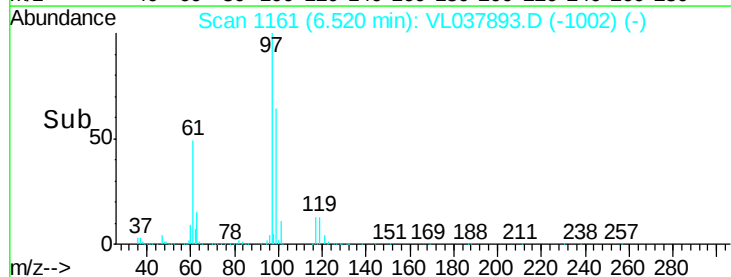
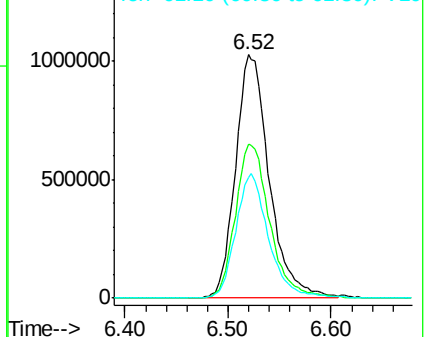
61 50.3 40.2 60.4

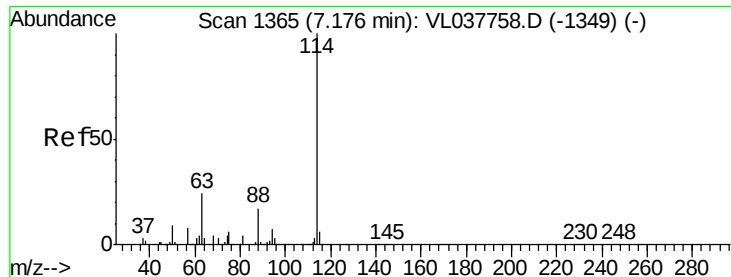


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

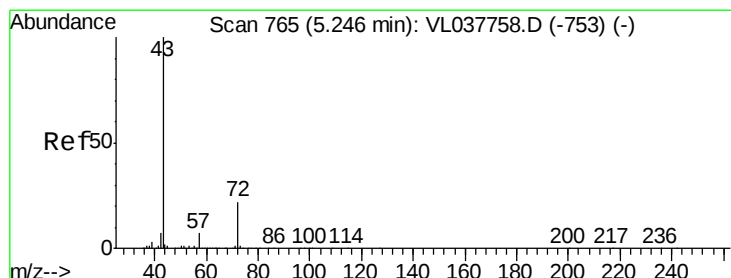
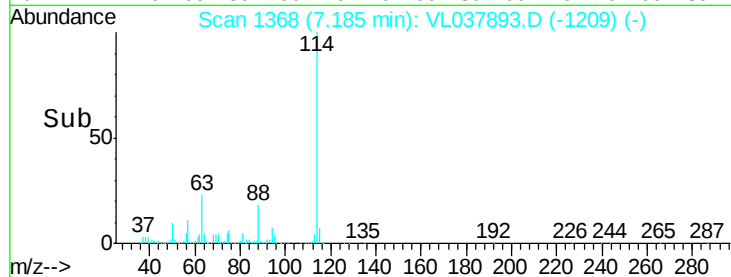
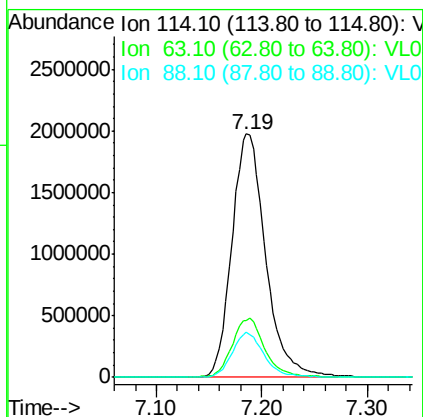
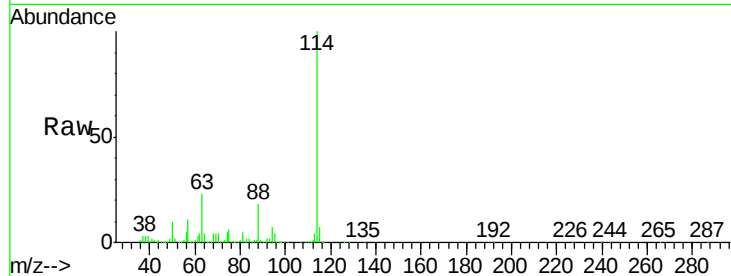




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1025ABS01
 Acq: 25 Oct 2021 14:10

Tgt Ion: 114 Resp: 4380577

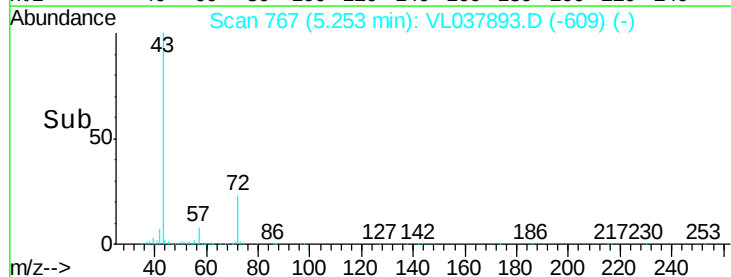
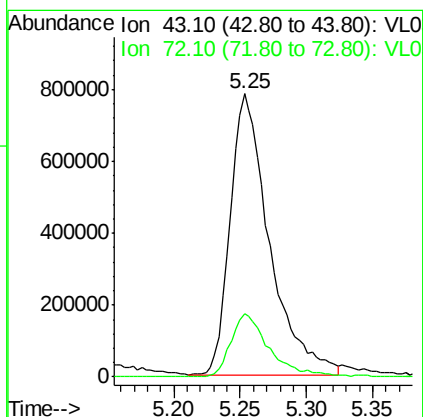
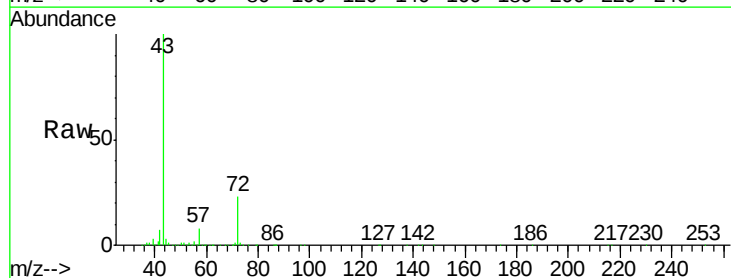
Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.4	29.2
88	17.6	14.4	21.6

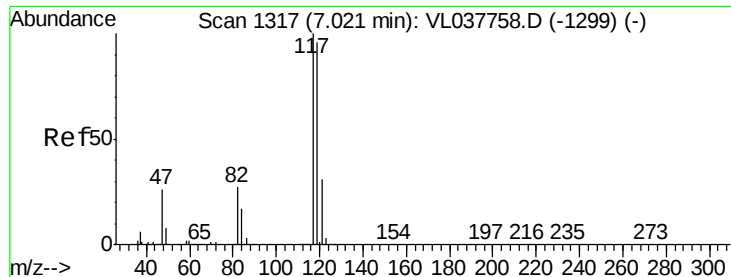


#34
 2-Butanone
 Concen: 9.076 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion: 43 Resp: 1605094

Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.2	27.2

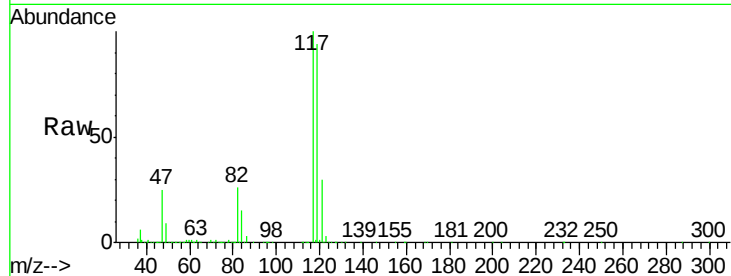




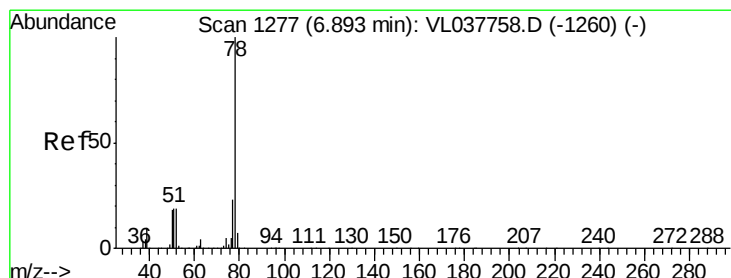
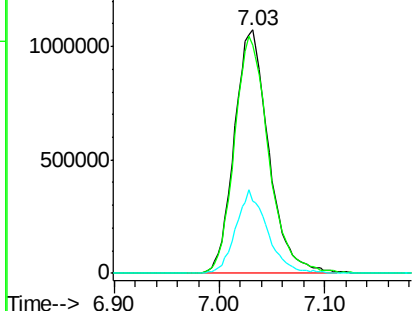
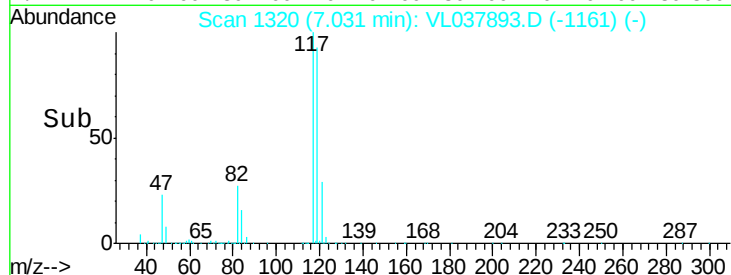
#35
 Carbon Tetrachloride
 Concen: 9.751 ppbv
 RT: 7.03
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1025ABS01
 Acq: 25 Oct 2021 14:10

Tgt Ion: 117 Resp: 2425877

Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.5	114.7
121	29.5	24.9	37.3



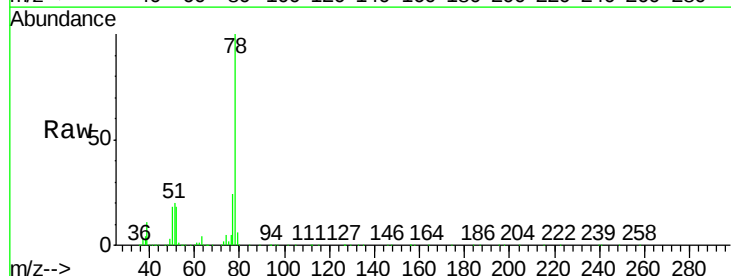
Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V
 Ion 121.00 (120.70 to 121.70): V



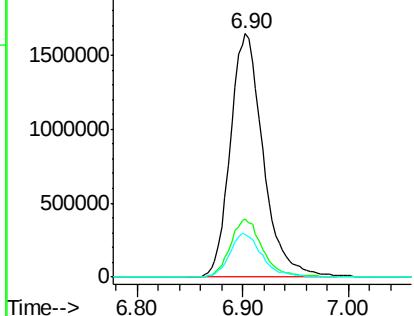
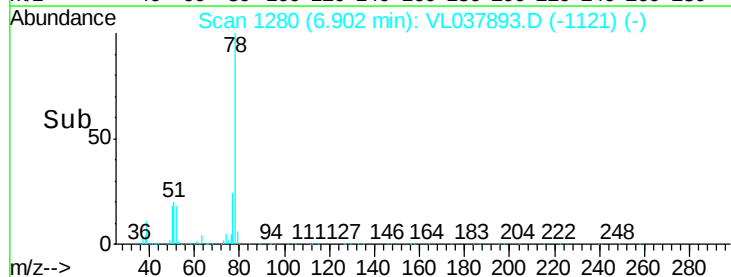
#36
 Benzene
 Concen: 9.513 ppbv
 RT: 6.90 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

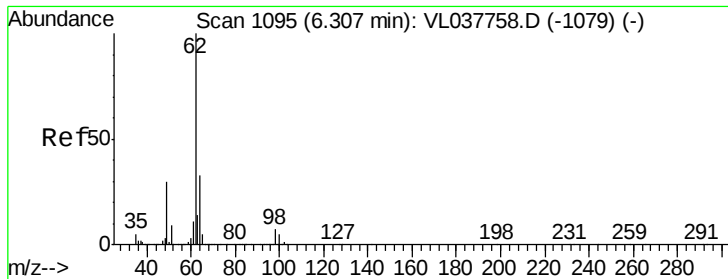
Tgt Ion: 78 Resp: 3559409

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2
50	17.7	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: 9.506 ppbv

RT: 6.32 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL1025ABS01

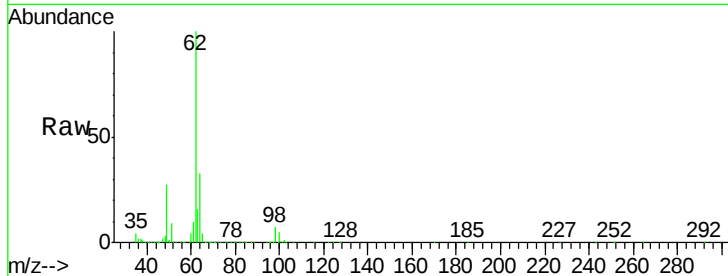
Acq: 25 Oct 2021 14:10

Tgt Ion: 62 Resp: 1674777

Ion Ratio Lower Upper

62 100

98 7.9 6.1 9.1



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

6.32

800000

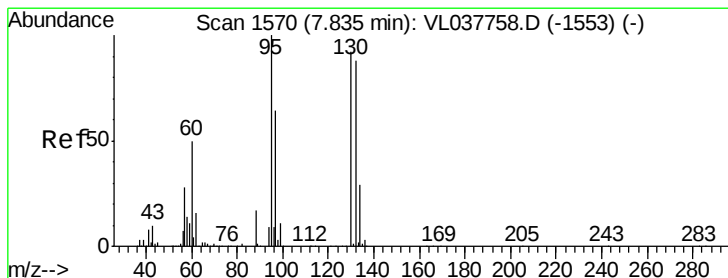
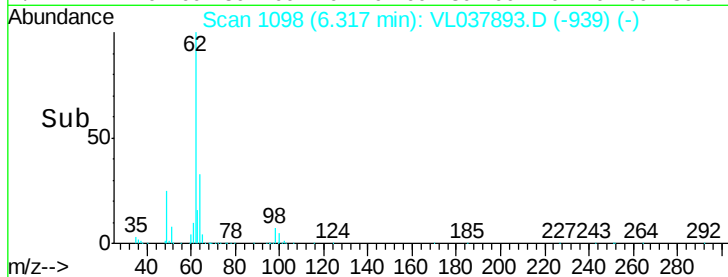
600000

400000

200000

0

Time-->



#38

Trichloroethene

Concen: 9.759 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

Tgt Ion: 130 Resp: 1442579

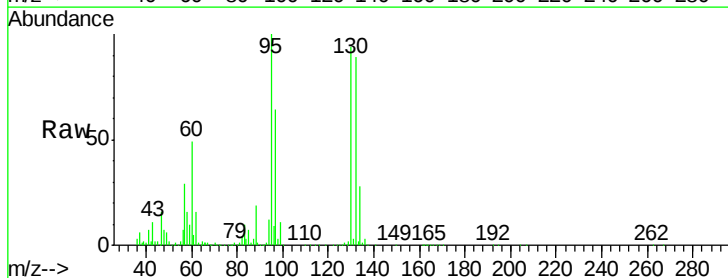
Ion Ratio Lower Upper

130 100

95 106.7 87.4 131.0

132 95.2 76.8 115.2

97 68.0 55.8 83.8



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

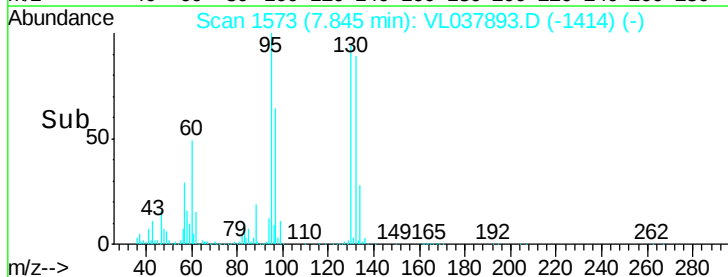
600000

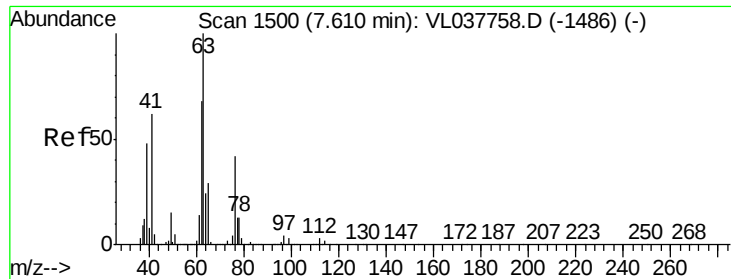
400000

200000

0

Time-->

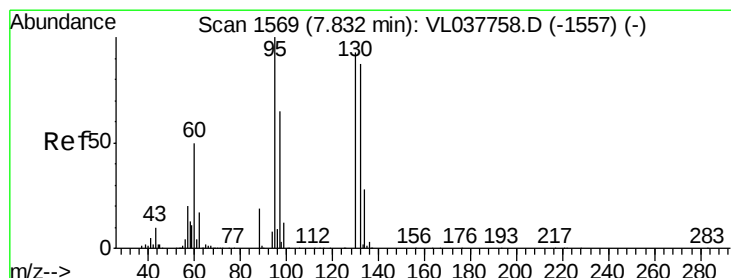
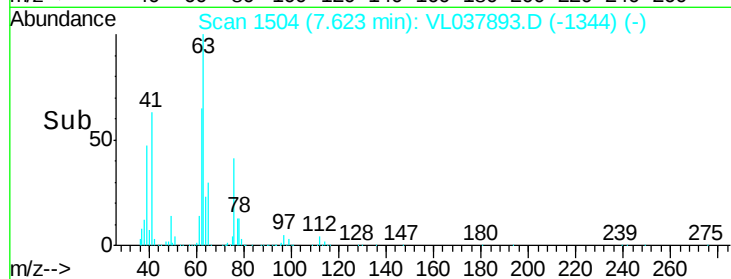
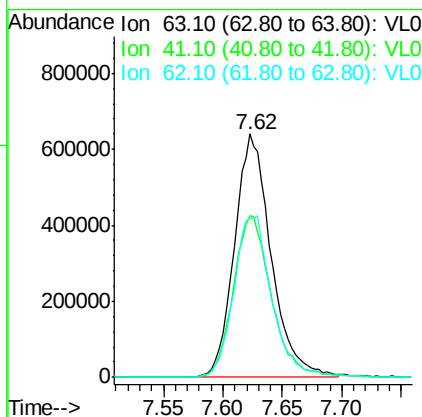
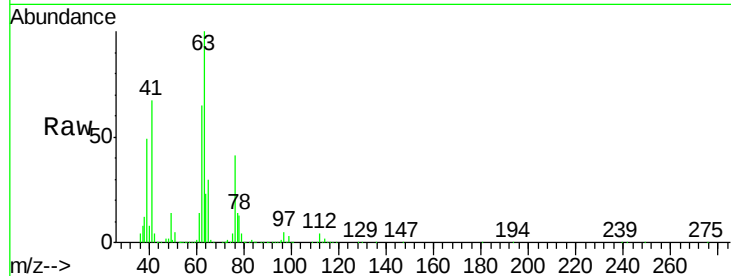




#39
 1,2-Dichloropropane
 Concen: 9.678 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Oct 2021 14:10

Tgt Ion: 63 Resp: 1362121

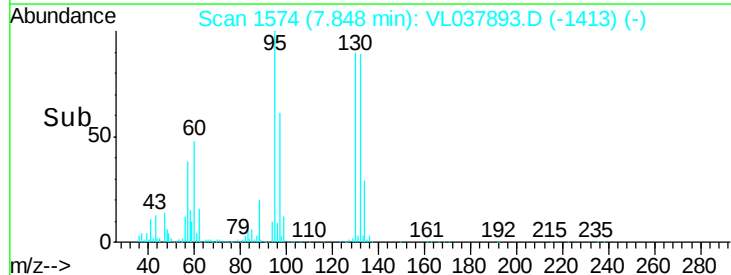
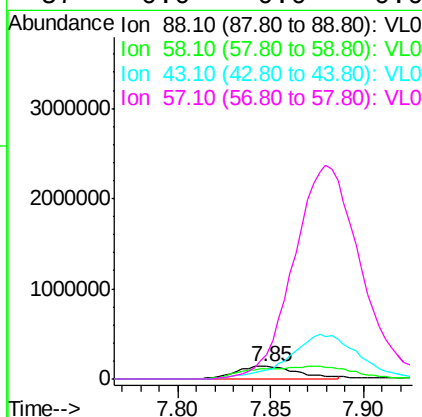
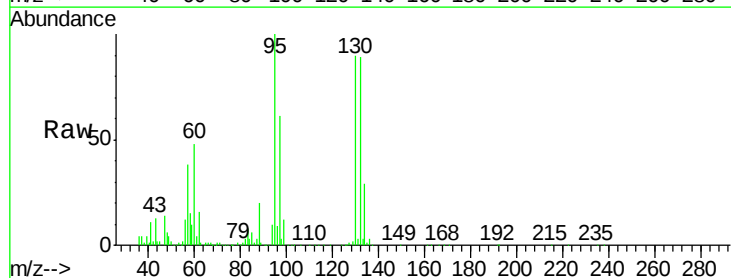
Ion	Ratio	Lower	Upper
63	100		
41	66.5	49.8	74.6
62	65.5	54.6	82.0

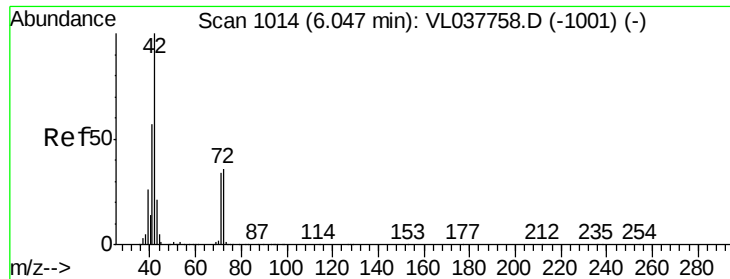


#40
 1,4-Dioxane
 Concen: 9.197 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.02 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion: 88 Resp: 323885

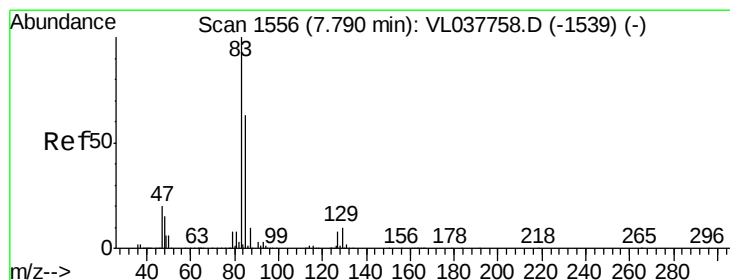
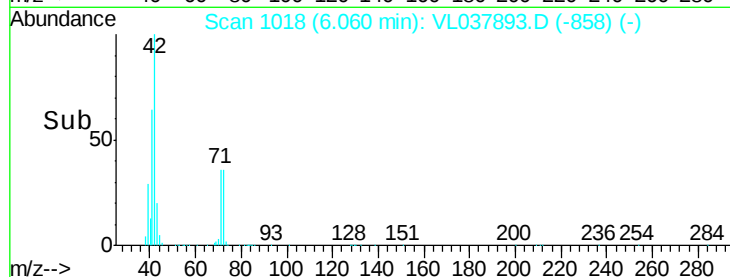
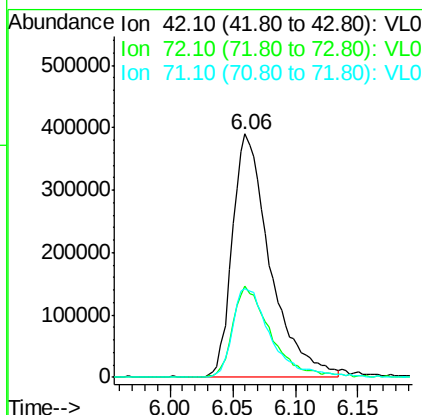
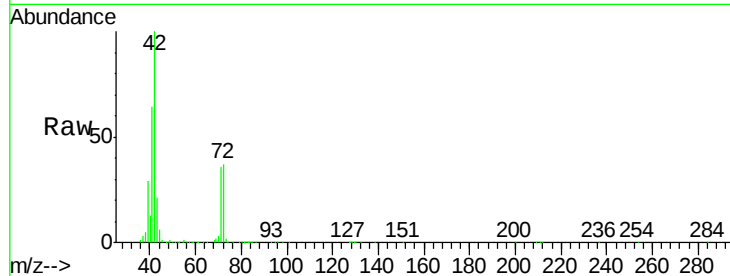
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





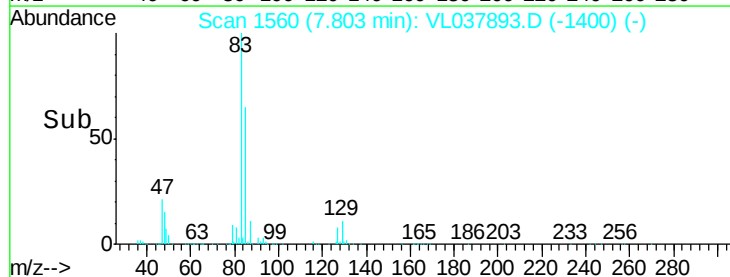
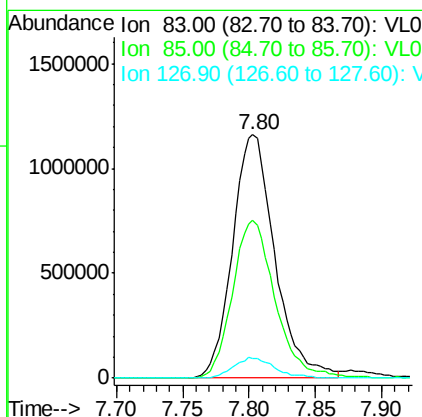
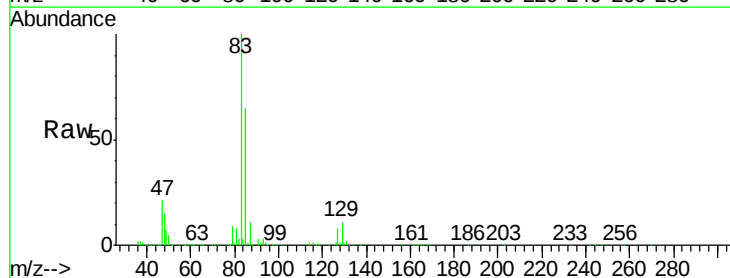
#41
Tetrahydrofuran
Concen: 9.390 ppbv
RT: 6.06
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 14:10

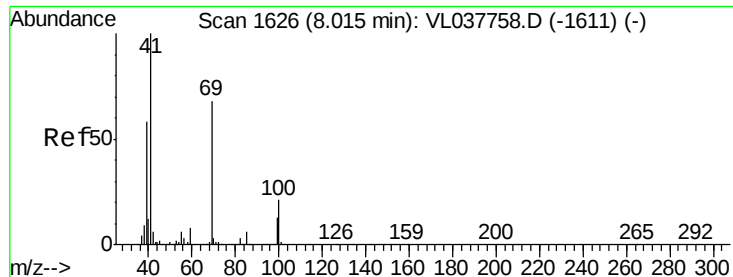
Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.6	31.9	47.9
71	37.8	30.3	45.5



#42
Bromodichloromethane
Concen: 9.924 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

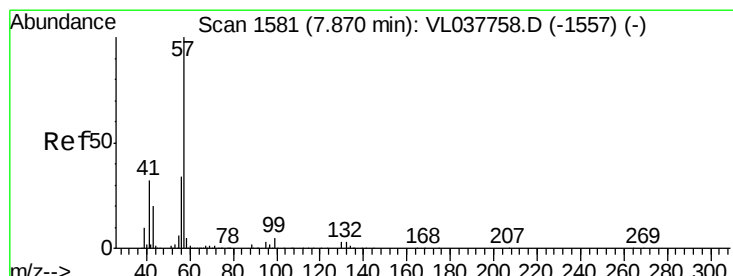
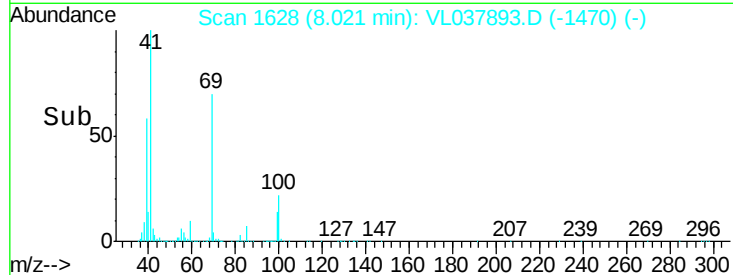
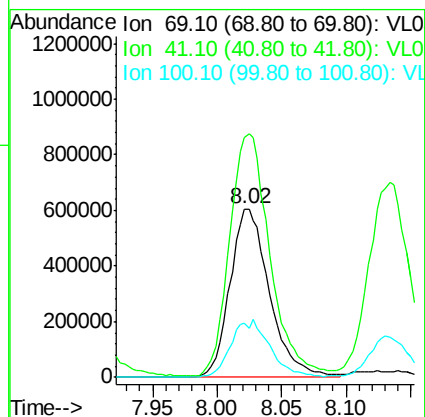
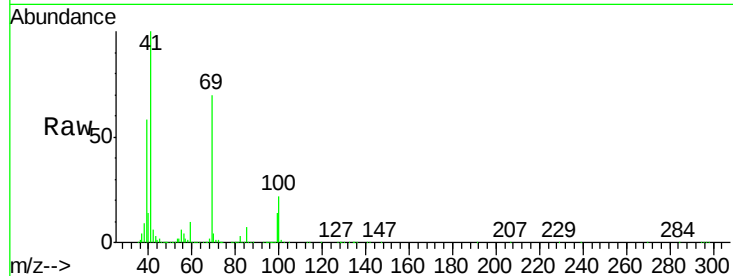
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.6	75.8
127	8.1	6.2	9.4





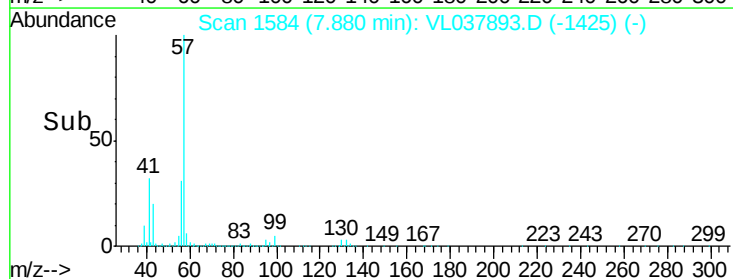
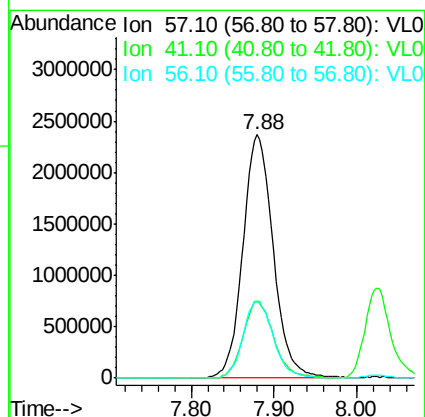
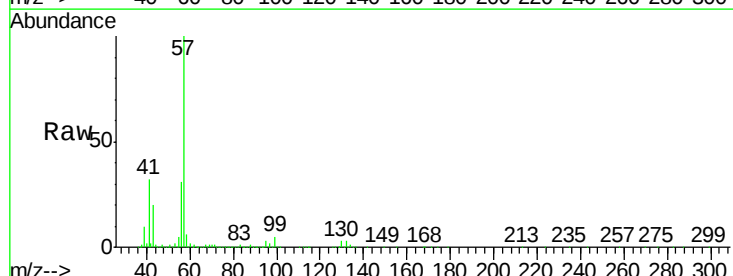
#43
Methyl Methacrylate
Concen: 10.492 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1025ABS01
Acq: 25 Oct 2021 14:10

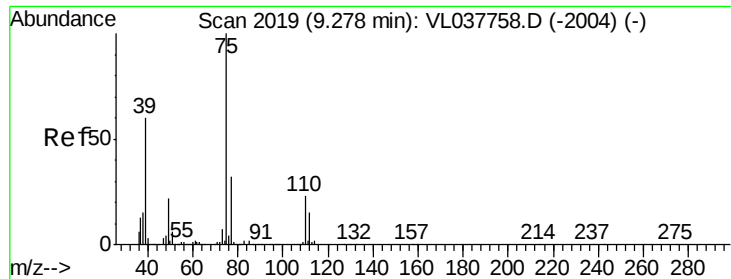
Tgt Ion: 69 Resp: 1282240
Ion Ratio Lower Upper
69 100
41 148.4 121.0 181.4
100 34.3 27.7 41.5



#44
2,2,4-Trimethylpentane
Concen: 9.576 ppbv
RT: 7.88 min Scan# 1584
Delta R.T.: 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

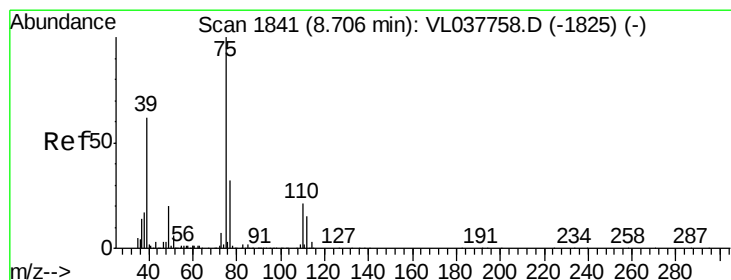
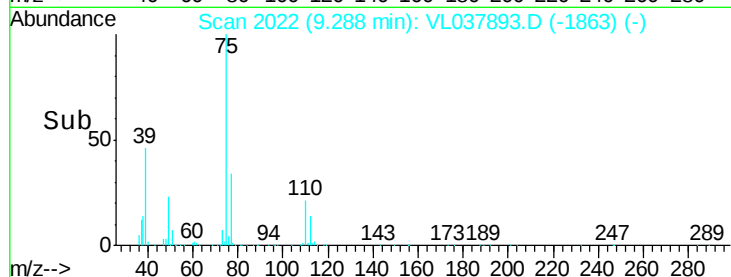
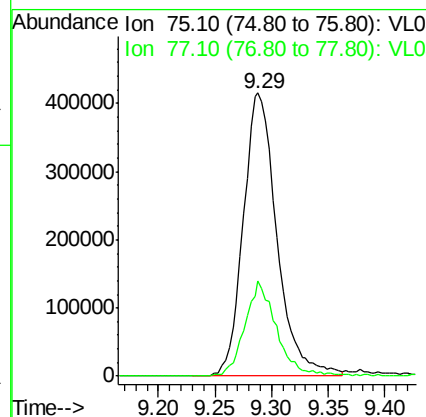
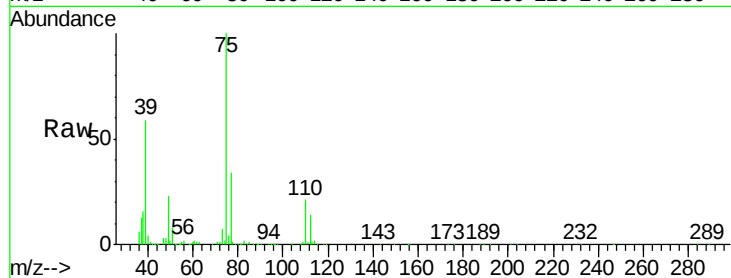
Tgt Ion: 57 Resp: 6019885
Ion Ratio Lower Upper
57 100
41 32.0 25.6 38.4
56 31.7 25.5 38.3





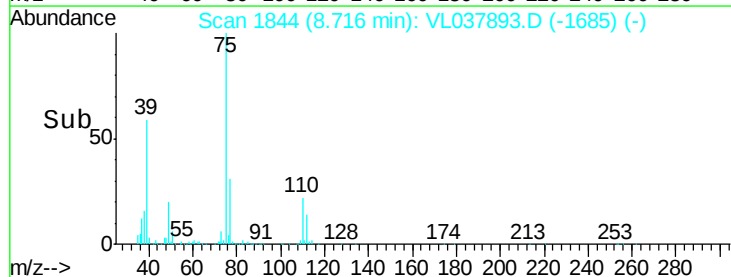
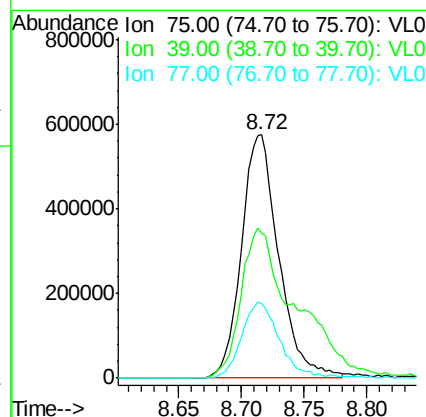
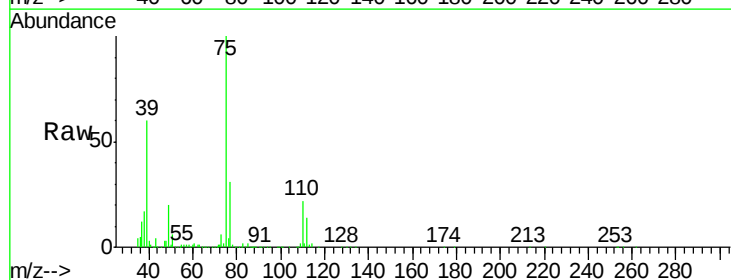
#45
t-1,3-Dichloropropene
Concen: 10.211 ppbv
RT: 9.29
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL1025ABS01
Acq: 25 Oct 2021 14:10

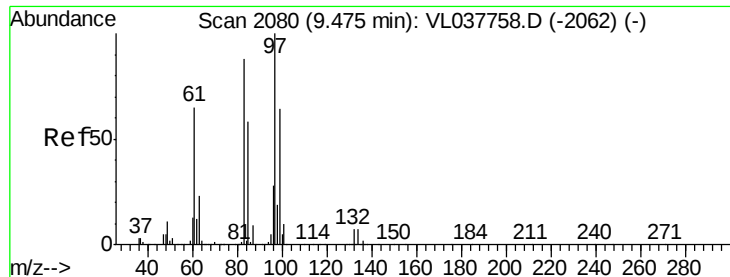
Tgt Ion: 75 Resp: 858607
Ion Ratio Lower Upper
75 100
77 33.5 25.2 37.8



#46
cis-1,3-Dichloropropene
Concen: 10.191 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

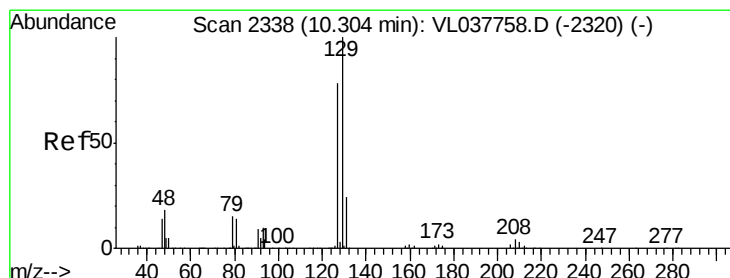
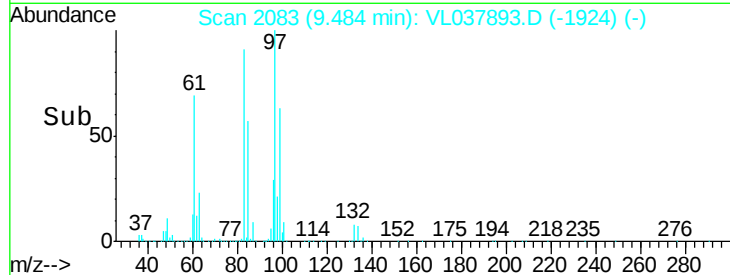
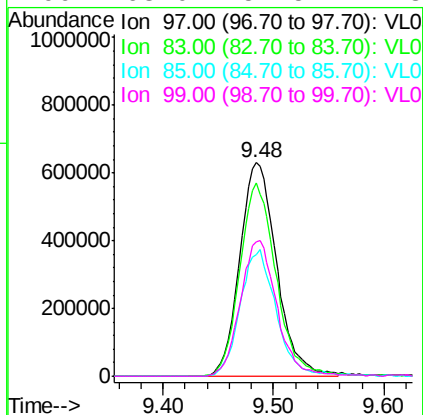
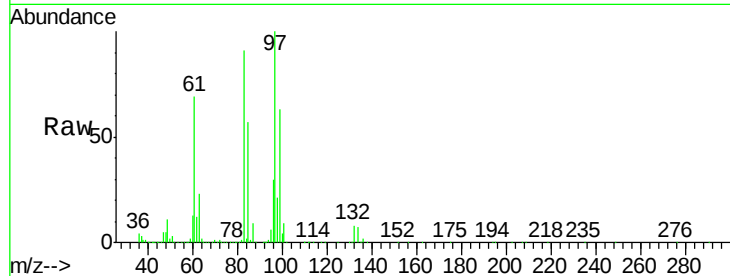
Tgt Ion: 75 Resp: 1187802
Ion Ratio Lower Upper
75 100
39 59.7 49.9 74.9
77 30.7 25.9 38.9





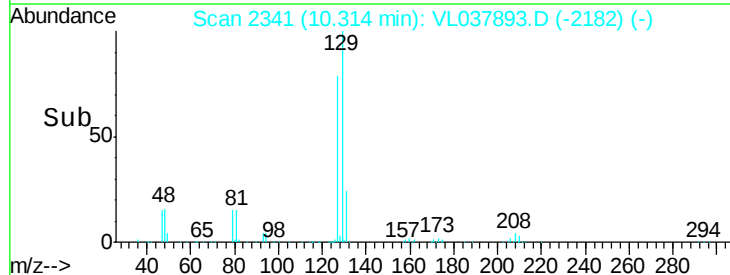
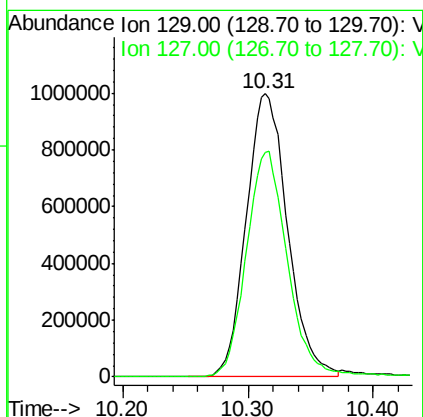
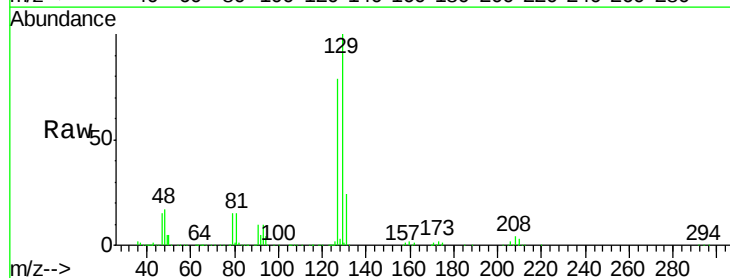
#47
 1,1,2-Trichloroethane
 Concen: 9.546 ppbv
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL1025ABS01
 Acq: 25 Oct 2021 14:10

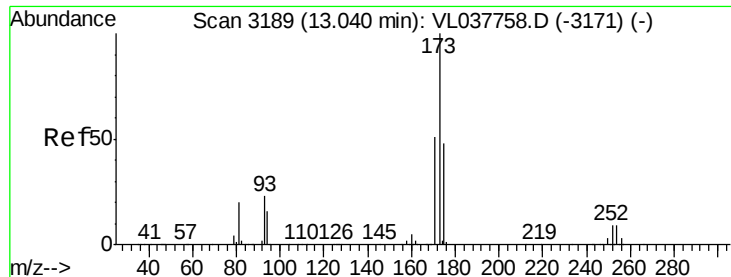
Tgt Ion:	97	Resp:	1460526
Ion	Ratio	Lower	Upper
97	100		
83	90.6	70.6	105.8
85	57.0	45.9	68.9
99	63.0	51.5	77.3



#48
 Dibromochloromethane
 Concen: 10.491 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T.: 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion:	129	Resp:	2288172
Ion	Ratio	Lower	Upper
129	100		
127	79.9	39.5	118.5





#49

Bromoform

Concen: 11.918 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Oct 2021 14:10

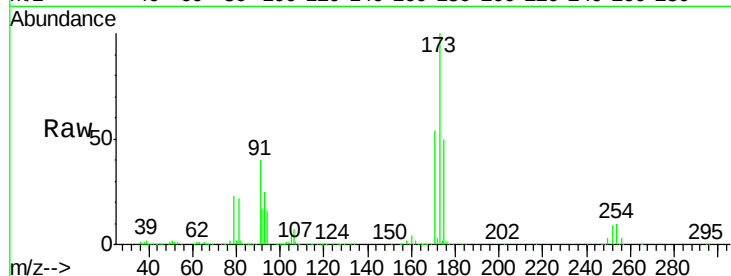
Tgt Ion: 173 Resp: 1988999

Ion Ratio Lower Upper

173 100

175 49.7 39.9 59.9

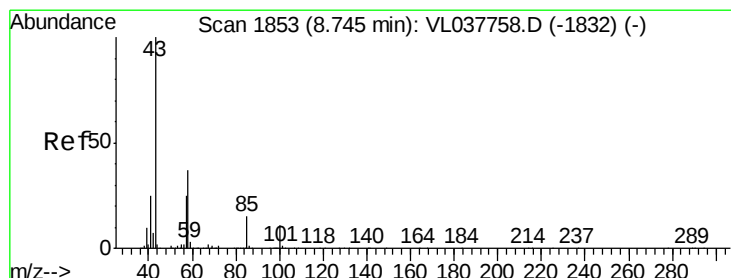
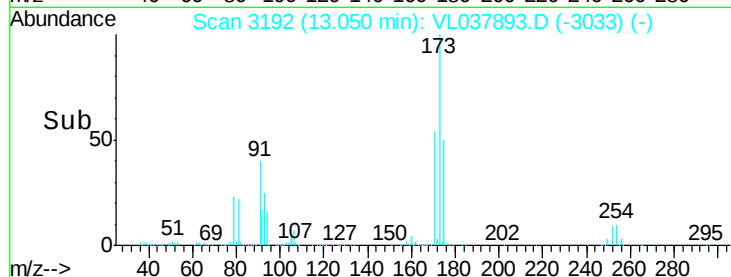
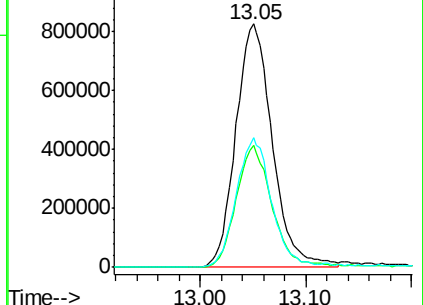
171 53.8 43.4 65.2



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: 10.233 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VL037893.D

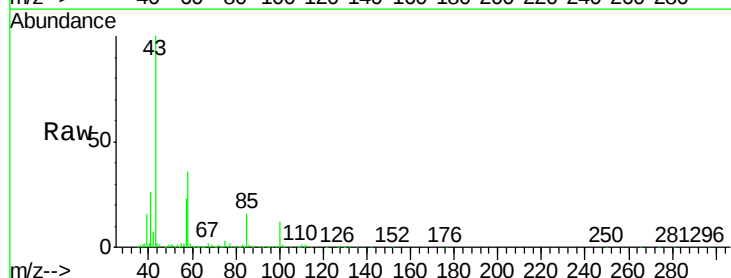
Acq: 25 Oct 2021 14:10

Tgt Ion: 43 Resp: 2355820

Ion Ratio Lower Upper

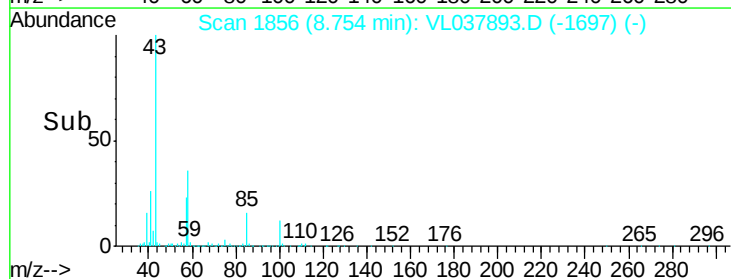
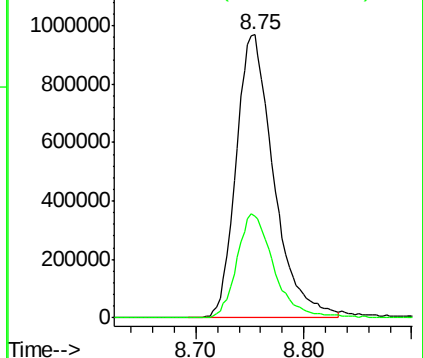
43 100

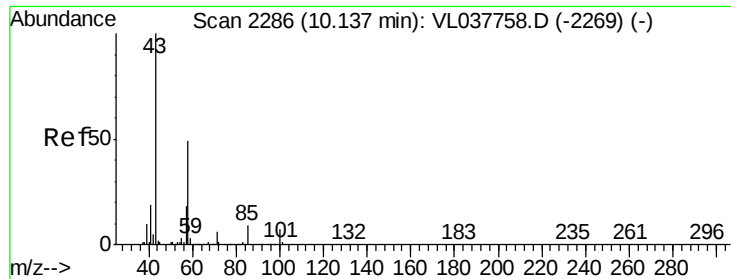
58 36.3 29.4 44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

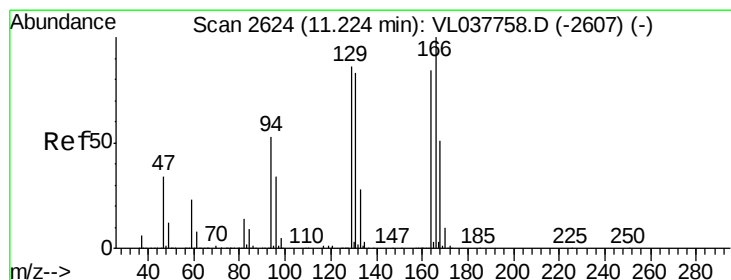
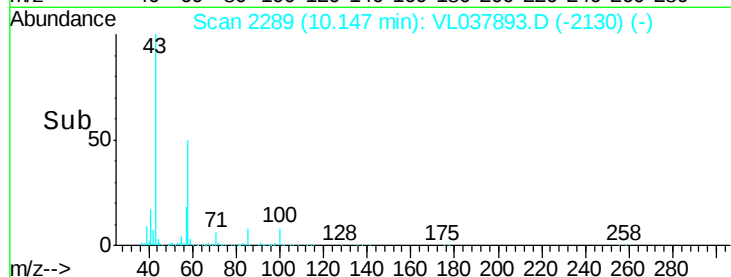
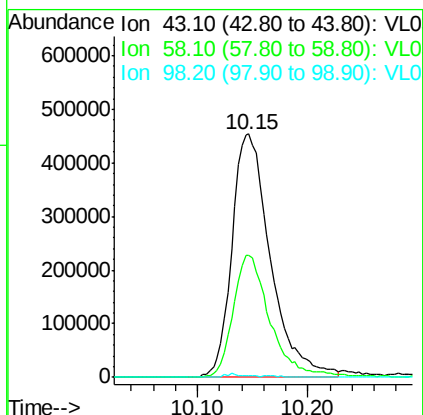
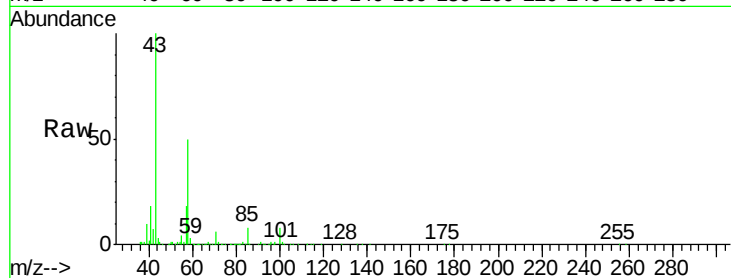
Ion 58.10 (57.80 to 58.80): VL0





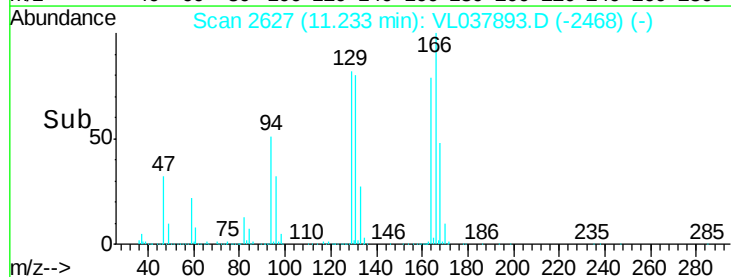
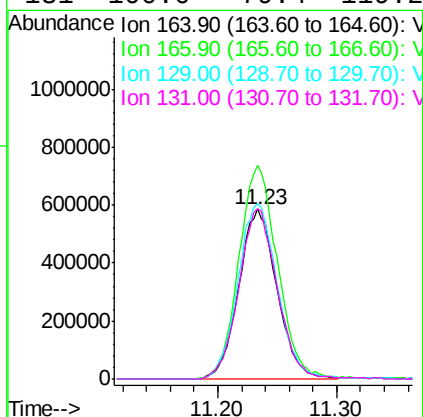
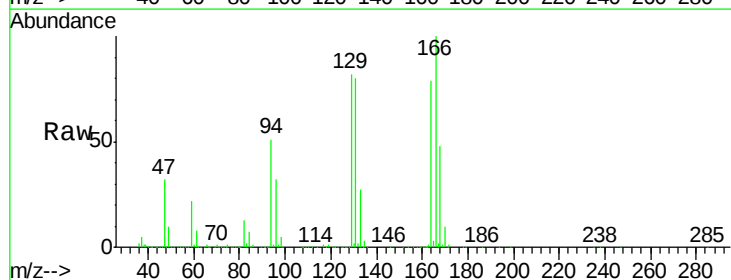
#51
2-Hexanone
Concen: 10.675 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 14:10

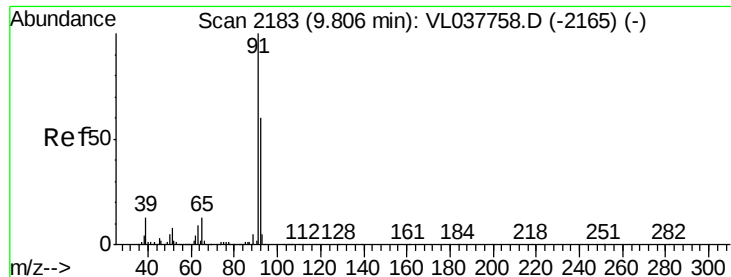
Tgt Ion: 43 Resp: 1097146
Ion Ratio Lower Upper
43 100
58 48.8 39.4 59.0
98 1.3 0.3 0.5#



#52
Tetrachloroethene
Concen: 8.938 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion: 164 Resp: 1301081
Ion Ratio Lower Upper
164 100
166 125.7 95.4 143.2
129 103.3 82.2 123.4
131 100.0 79.4 119.2





#53

Toluene

Concen: 9.946 ppbv

RT: 9.82 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

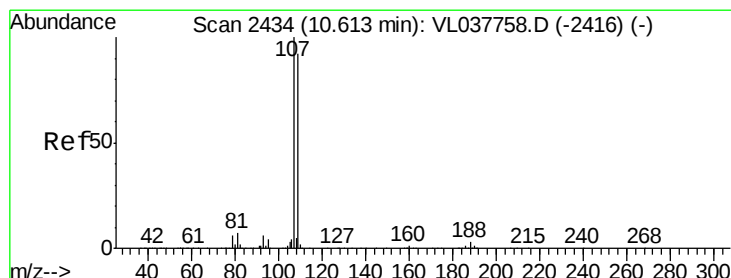
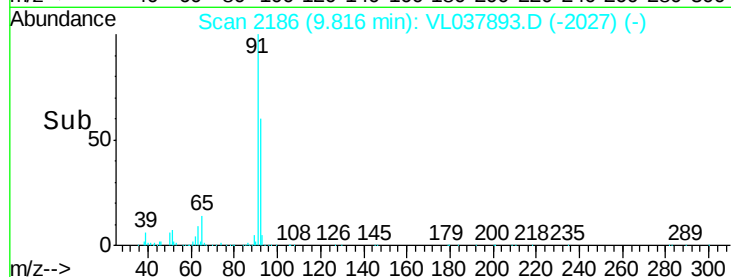
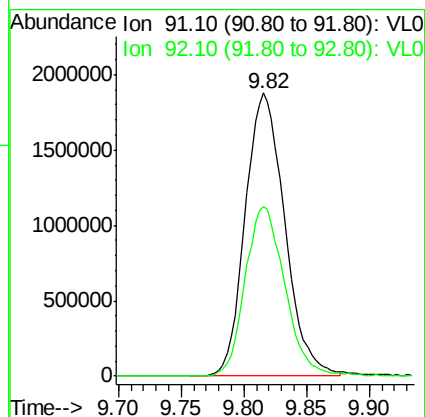
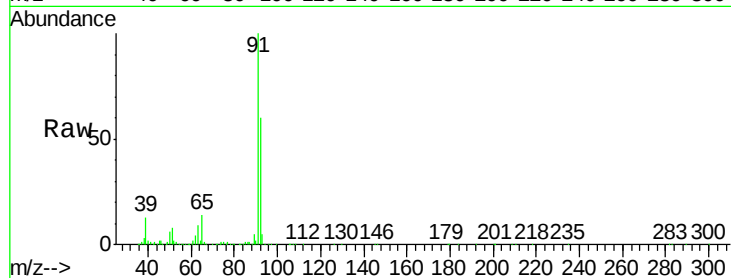
Acq: 25 Oct 2021 14:10 VL1025ABS01

Tgt Ion: 91 Resp: 4124015

Ion Ratio Lower Upper

91 100

92 60.5 48.4 72.6



#54

1,2-Dibromoethane

Concen: 9.774 ppbv

RT: 10.62 min Scan# 2437

Delta R.T. 0.01 min

Lab File: VL037893.D

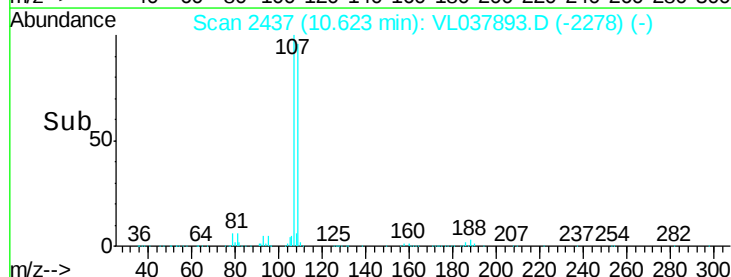
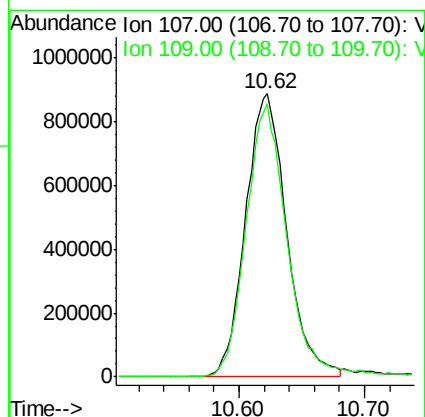
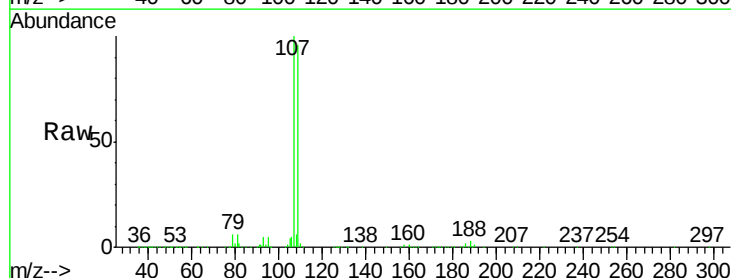
Acq: 25 Oct 2021 14:10

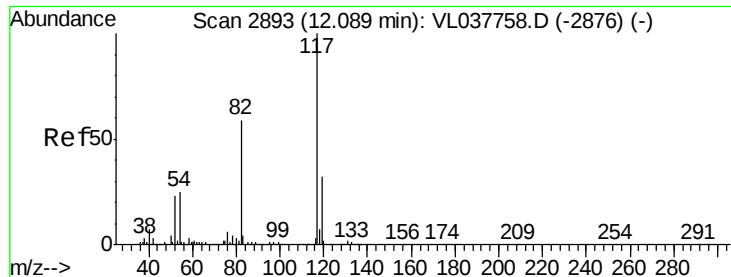
Tgt Ion: 107 Resp: 2019906

Ion Ratio Lower Upper

107 100

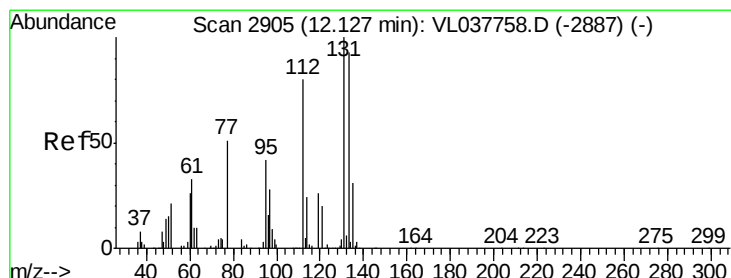
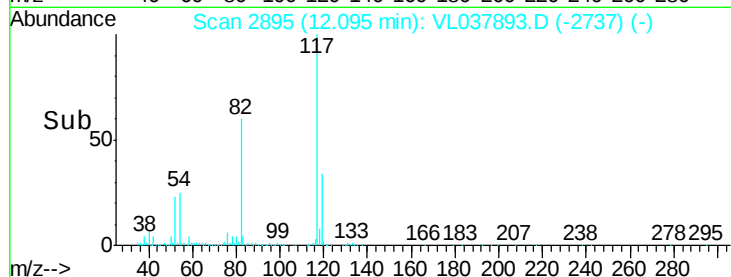
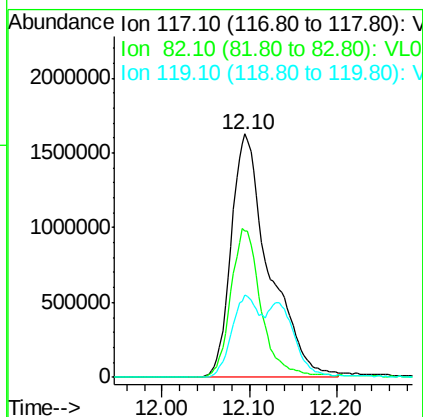
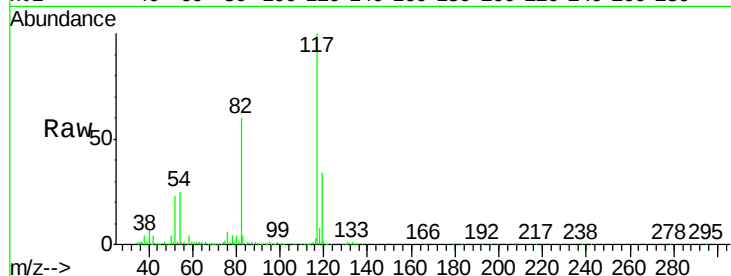
109 96.4 73.8 110.6





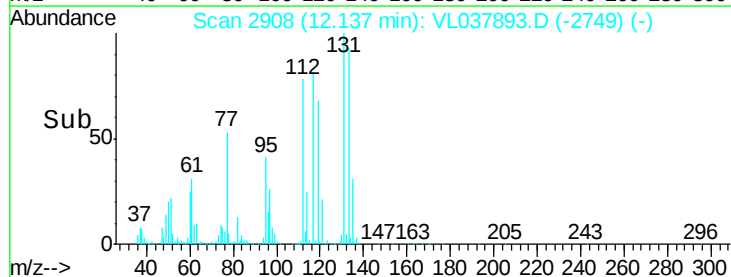
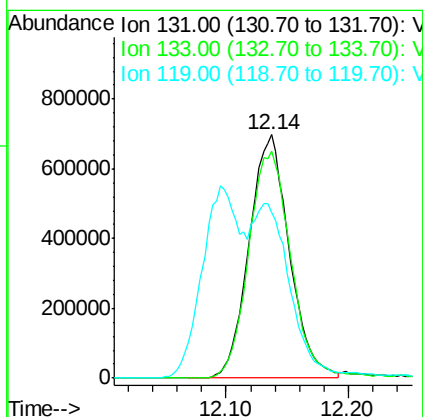
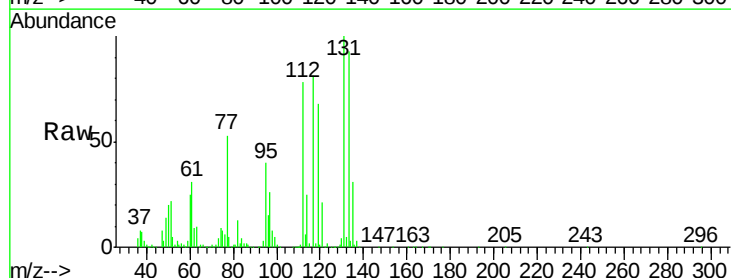
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1025ABS01
 Acq: 25 Oct 2021 14:10

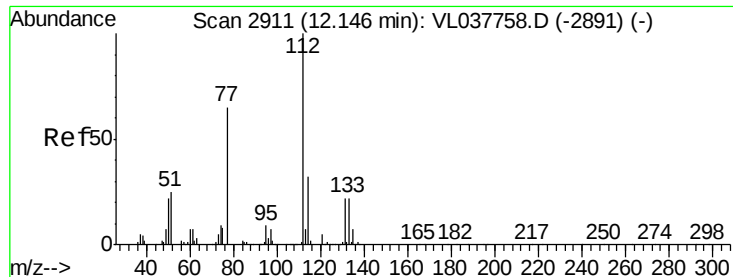
Tgt Ion:117 Resp: 4899450
 Ion Ratio Lower Upper
 117 100
 82 50.2 52.2 78.2#
 119 23.9 26.0 39.0#



#56
 1,1,1,2-Tetrachloroethane
 Concen: 7.836 ppbv
 RT: 12.14 min Scan# 2908
 Delta R.T.: 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion:131 Resp: 1589268
 Ion Ratio Lower Upper
 131 100
 133 98.3 78.5 117.7
 119 73.5 51.7 77.5





#57

Chlorobenzene

Concen: 7.658 ppbv

RT: 12.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Oct 2021 14:10

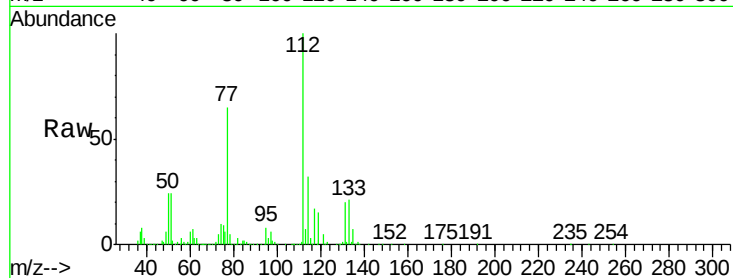
Tgt Ion: 112 Resp: 3077778

Ion Ratio Lower Upper

112 100

77 63.3 51.8 77.8

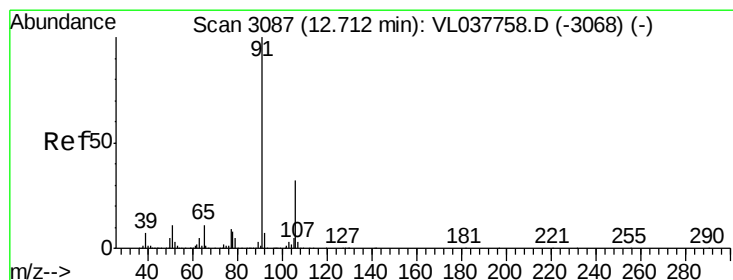
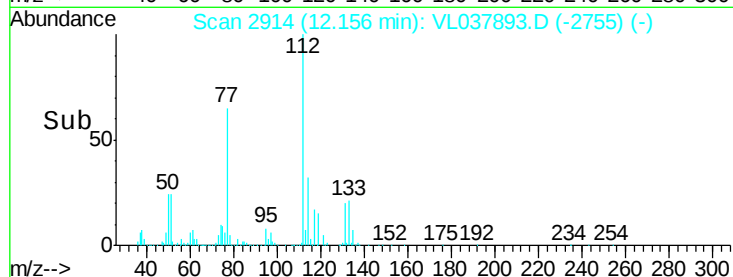
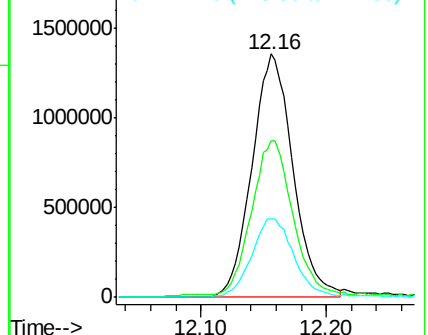
114 32.1 28.8 35.2



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 8.235 ppbv

RT: 12.72 min Scan# 3089

Delta R.T. 0.01 min

Lab File: VL037893.D

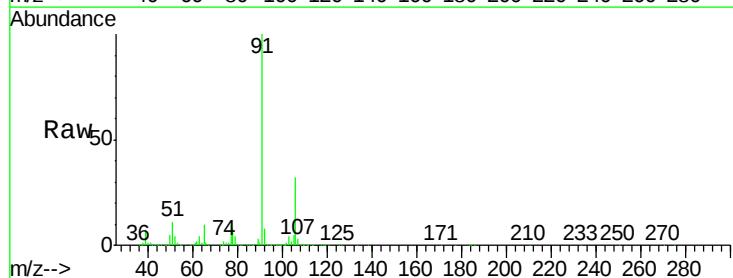
Acq: 25 Oct 2021 14:10

Tgt Ion: 91 Resp: 5417931

Ion Ratio Lower Upper

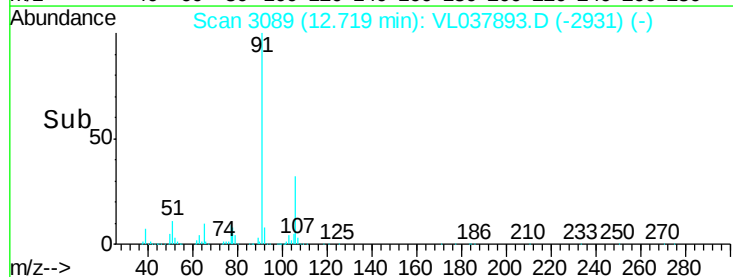
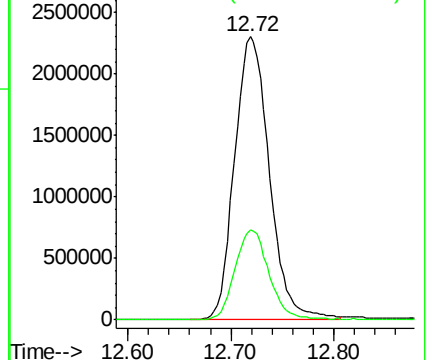
91 100

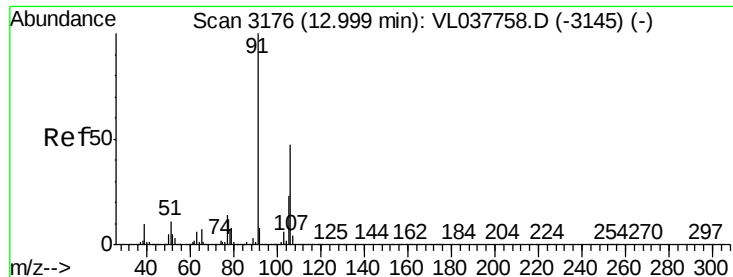
106 31.8 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

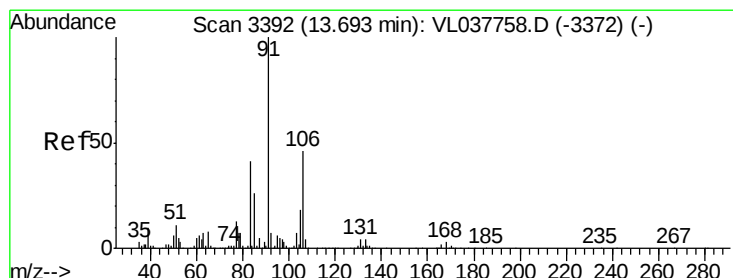
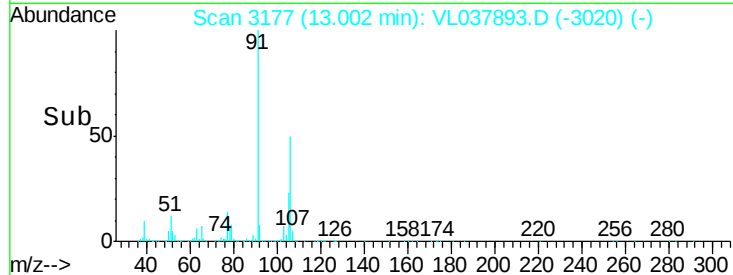
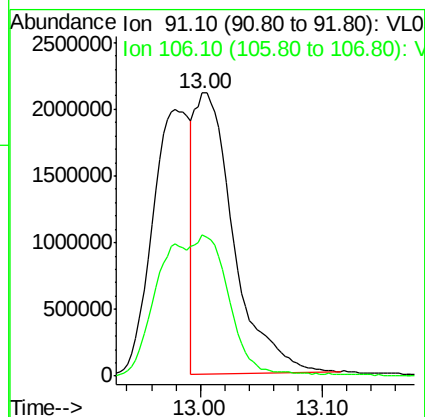
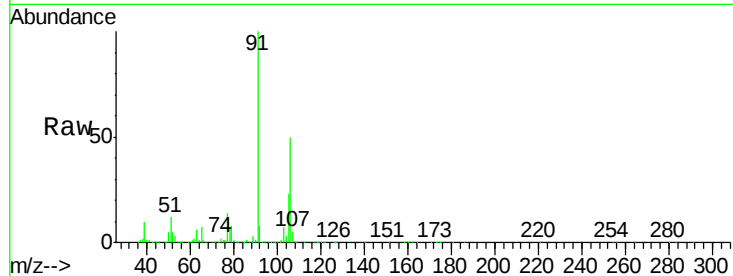
Ion 106.10 (105.80 to 106.80): V





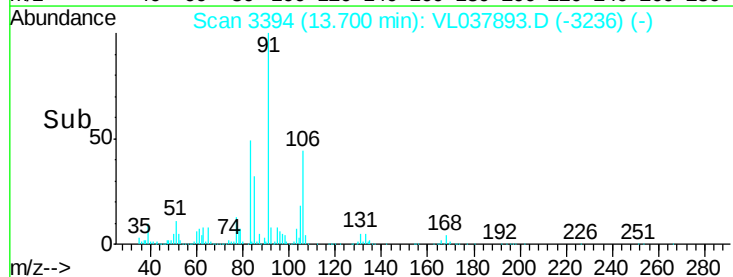
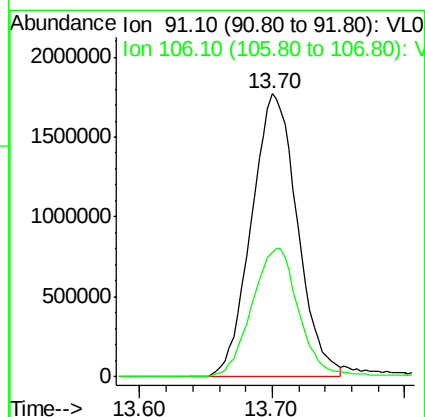
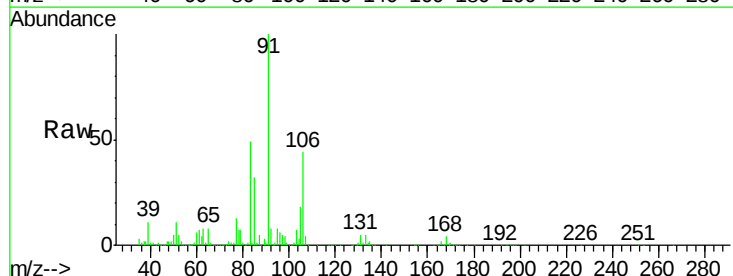
#59
m/p-Xylene
Concen: 8.256 ppbv
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 14:10

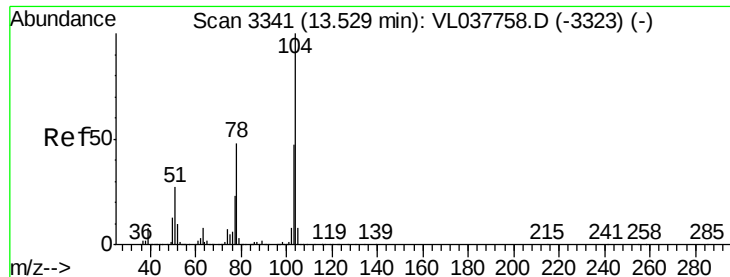
Tgt Ion: 91 Resp: 4662340
Ion Ratio Lower Upper
91 100
106 90.9 36.7 55.1#



#60
o-Xylene
Concen: 7.866 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion: 91 Resp: 4257032
Ion Ratio Lower Upper
91 100
106 47.7 23.5 70.5





#61

Styrene

Concen: 9.141 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Oct 2021 14:10

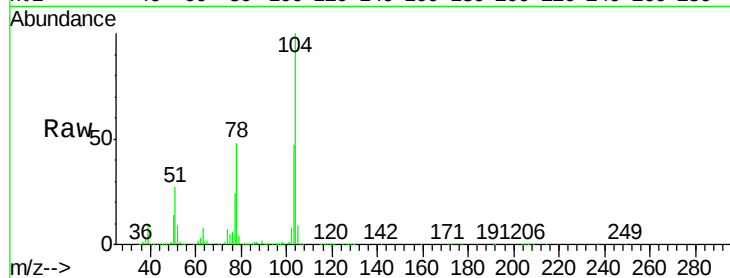
Tgt Ion:104 Resp: 2392886

Ion Ratio Lower Upper

104 100

78 49.1 40.6 61.0

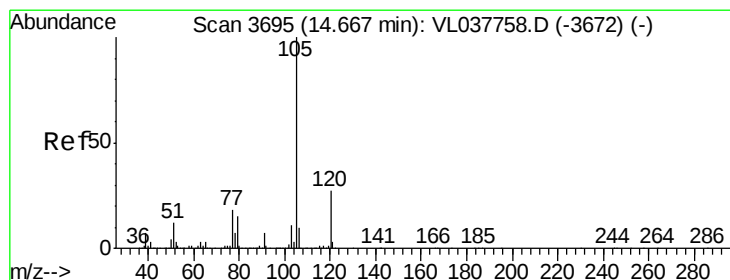
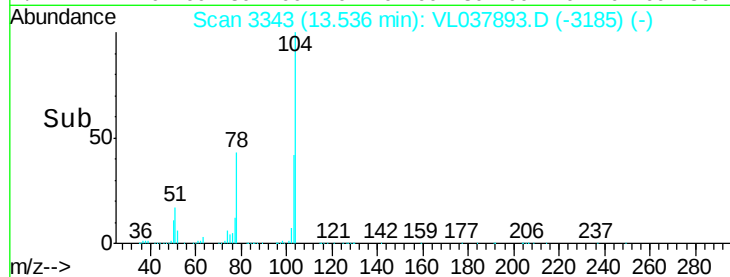
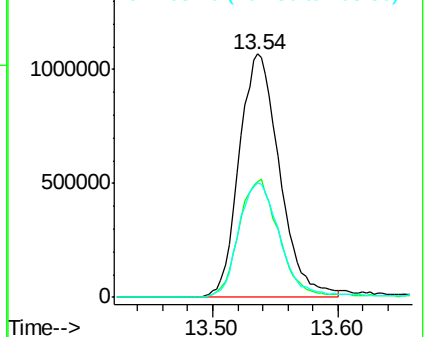
103 48.8 39.6 59.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 8.016 ppbv

RT: 14.68 min Scan# 3698

Delta R.T. 0.01 min

Lab File: VL037893.D

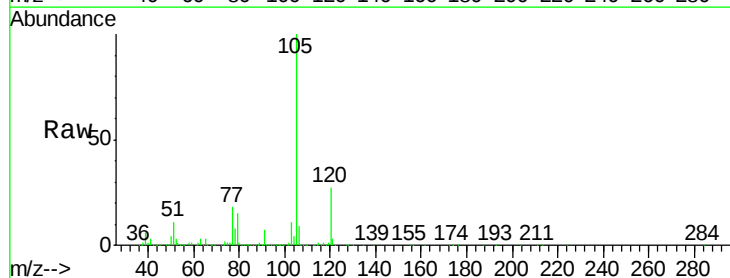
Acq: 25 Oct 2021 14:10

Tgt Ion:105 Resp: 6051497

Ion Ratio Lower Upper

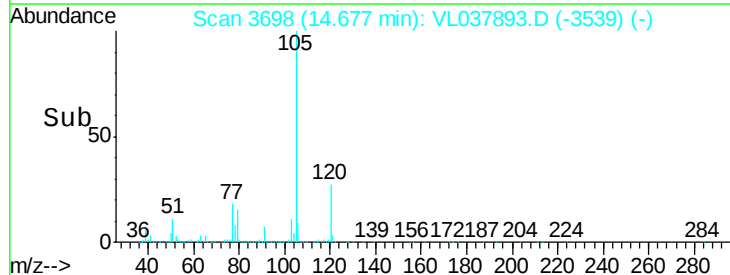
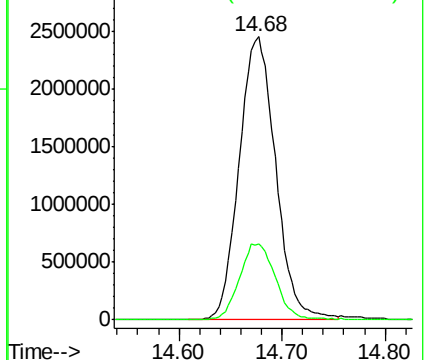
105 100

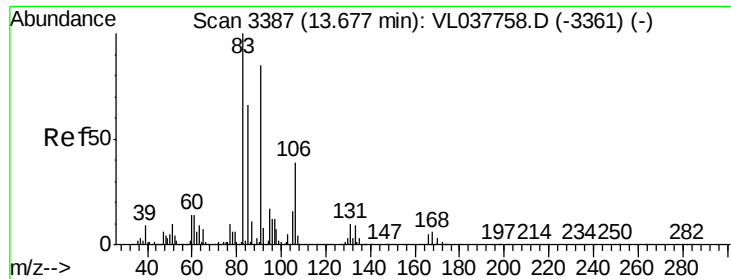
120 26.9 21.3 31.9



Abundance Ion 105.10 (104.80 to 105.80): V

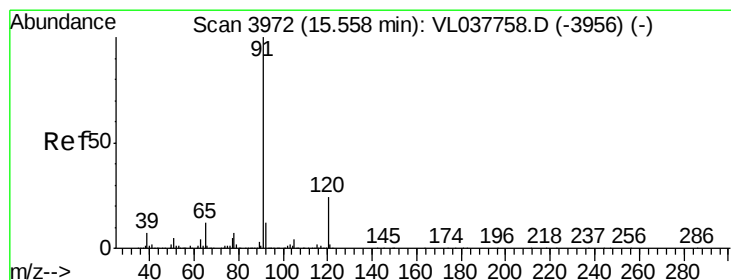
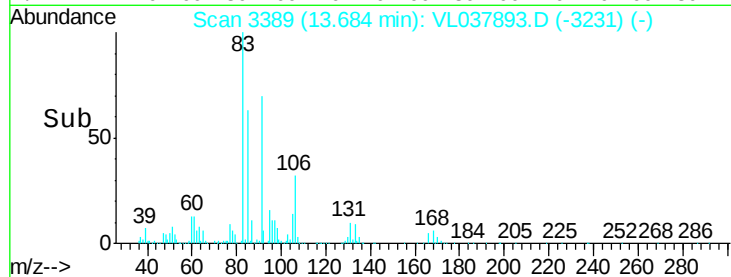
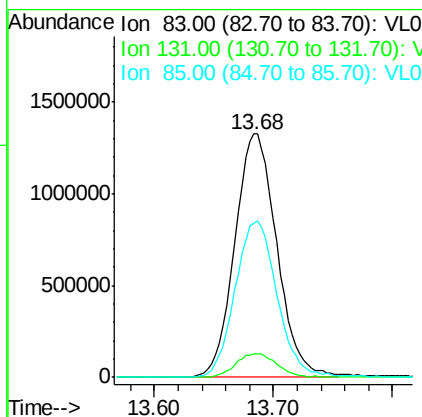
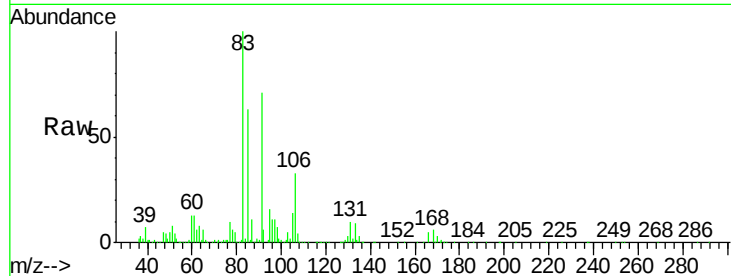
Ion 120.20 (119.90 to 120.90): V





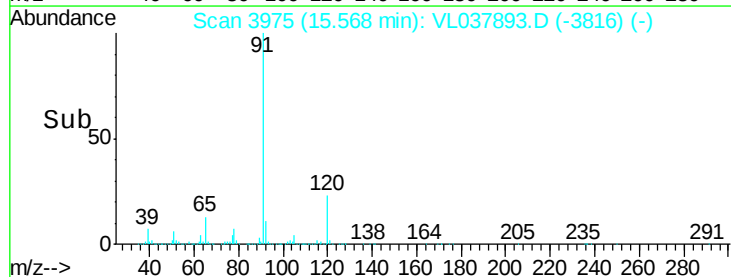
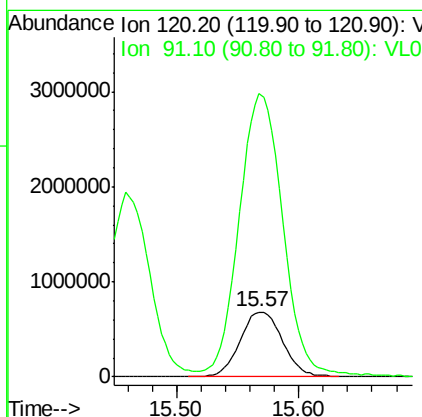
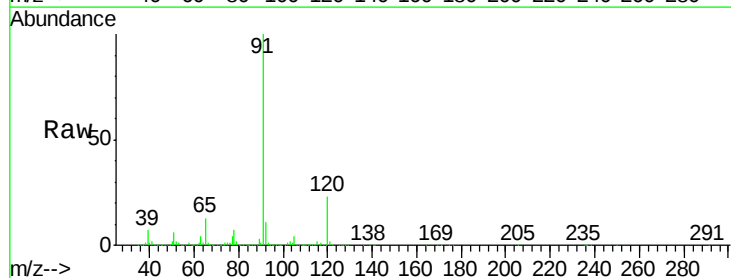
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.682 ppbv
 RT: 13.68 min
 Delta R.T.: 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

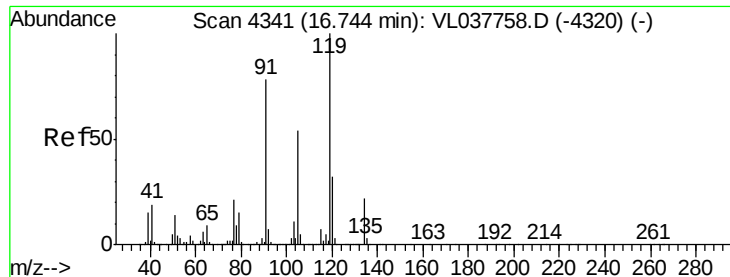
Tgt Ion:	83	Resp:	3208214
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	15.0
85	65.4	33.1	99.5



#64
 n-propylbenzene
 Concen: 8.773 ppbv
 RT: 15.57 min Scan# 3975
 Delta R.T.: 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion:	120	Resp:	1651507
Ion	Ratio	Lower	Upper
120	100		
91	448.4	375.0	562.6

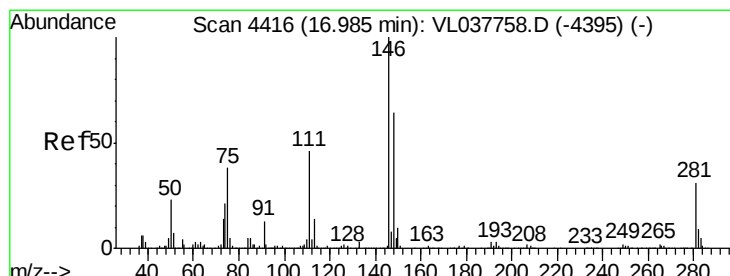
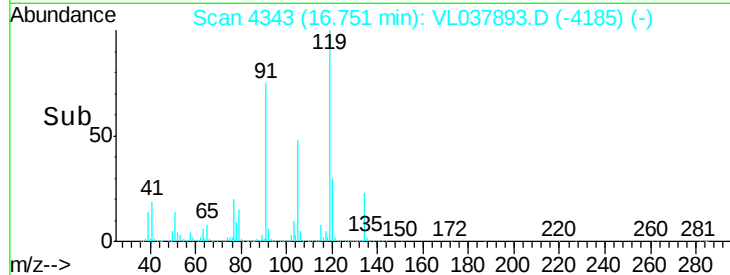
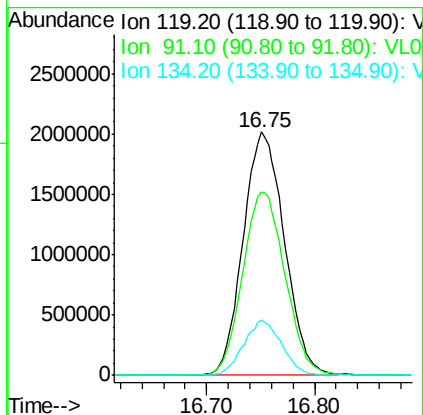
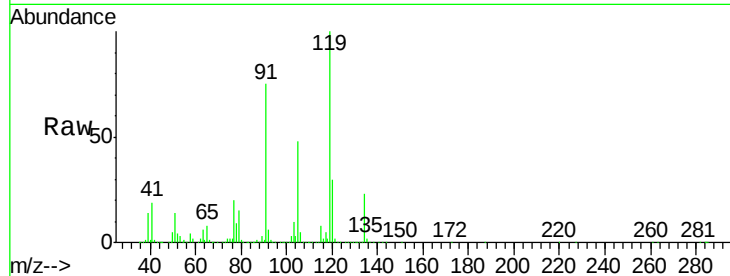




#65
 tert-Butylbenzene
 Concen: 8.076 ppbv
 RT: 16.75 min
 Delta R.T. 0.01 min
 Lab File: VL037758.D
 Acq: 25 Oct 2021 14:10

Tgt Ion: 119 Resp: 5365088

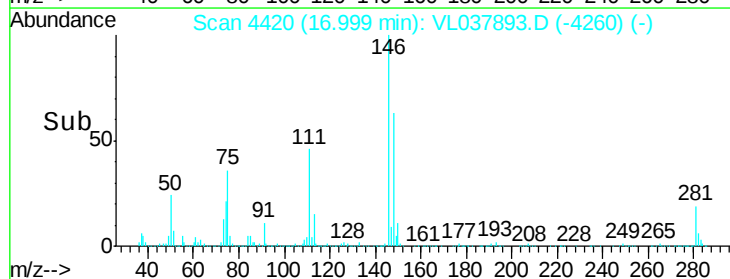
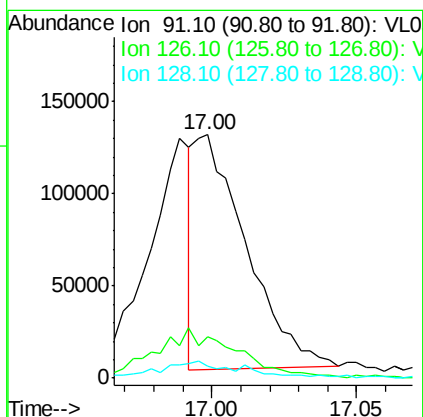
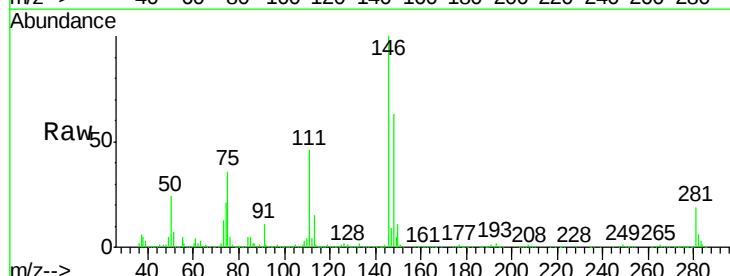
Ion	Ratio	Lower	Upper
119	100		
91	77.2	62.6	94.0
134	20.9	16.3	24.5

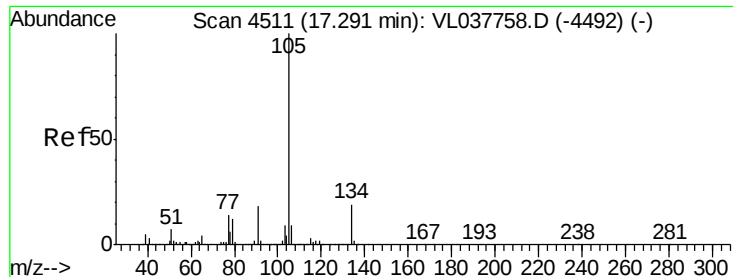


#66
 Benzyl Chloride
 Concen: 4.769 ppbv
 RT: 17.00 min Scan# 4420
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion: 91 Resp: 156347

Ion	Ratio	Lower	Upper
91	100		
126	36.7	0.0	0.0#
128	13.7	5.3	7.9#





#67

sec-Butylbenzene

Concen: 8.336 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

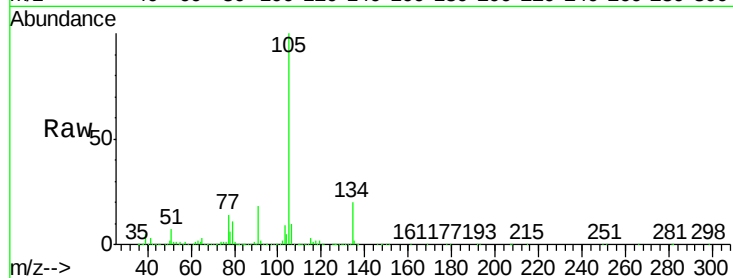
Acq: 25 Oct 2021 14:10

Tgt Ion: 105 Resp: 7573181

Ion Ratio Lower Upper

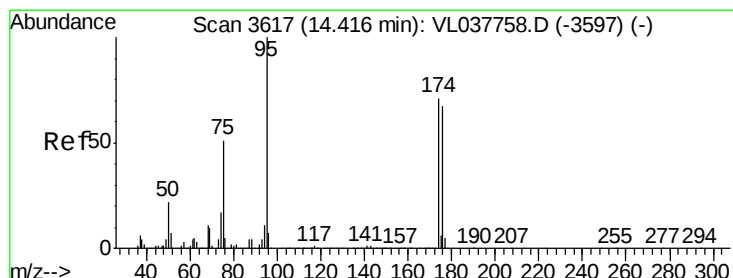
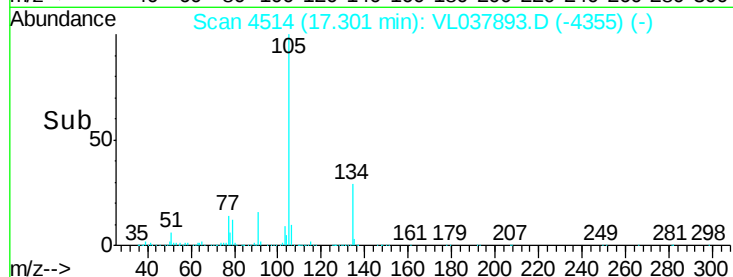
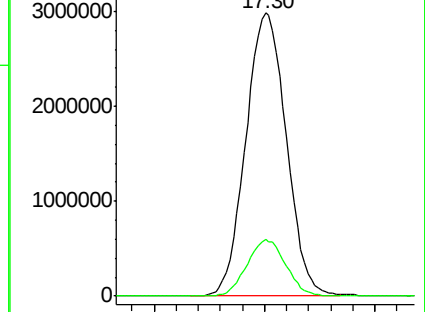
105 100

134 19.3 15.4 23.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.217 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

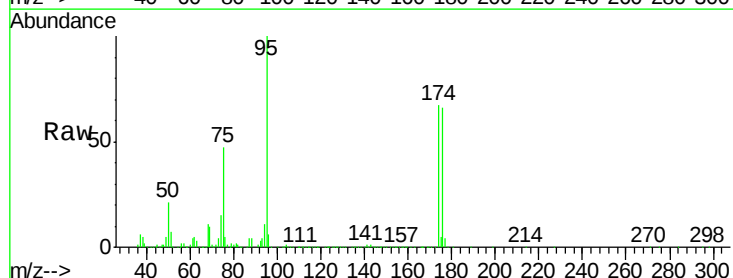
Tgt Ion: 95 Resp: 2815193

Ion Ratio Lower Upper

95 100

174 73.9 57.8 86.6

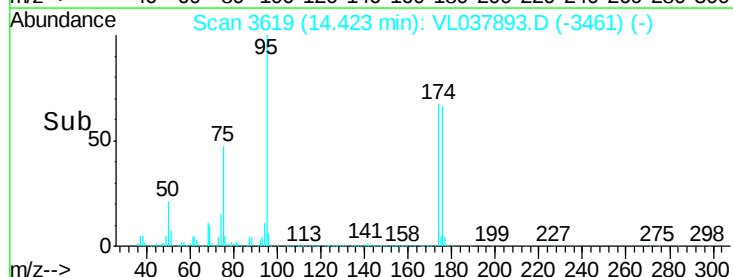
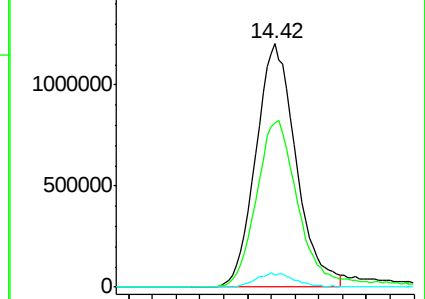
175 5.7 4.7 7.1

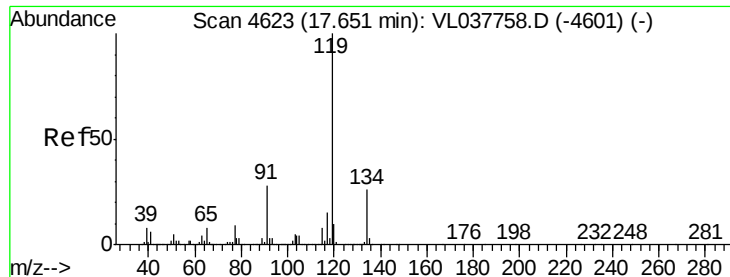


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

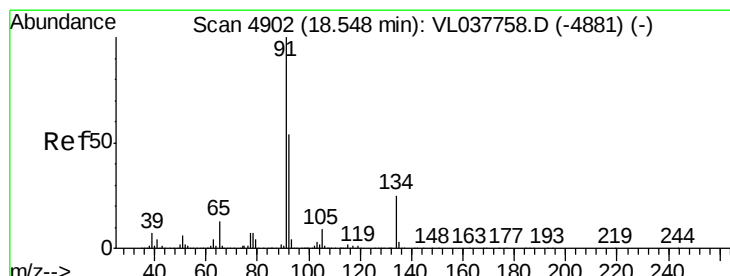
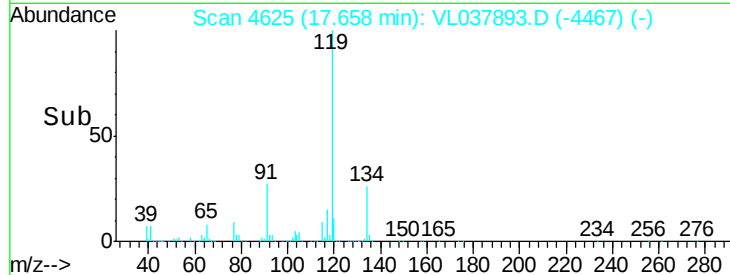
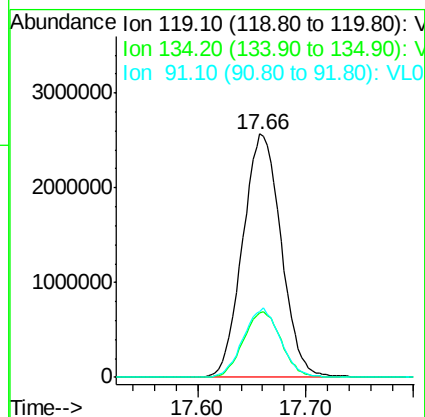
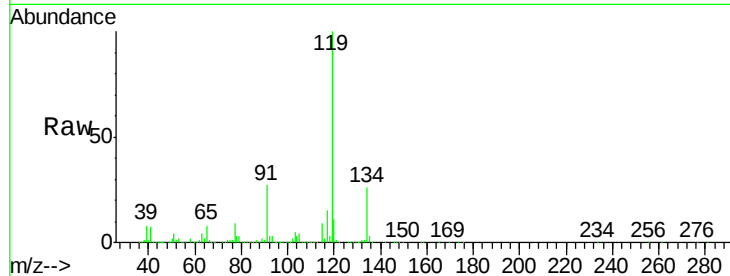
Ion 175.00 (174.70 to 175.70): V





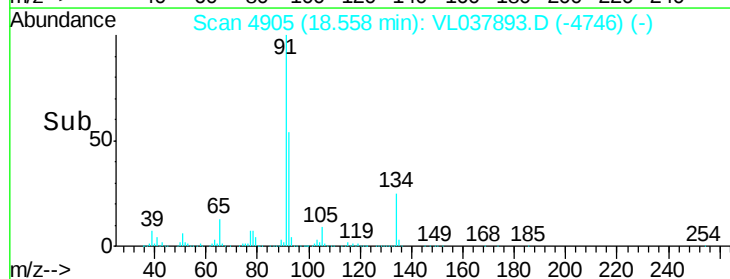
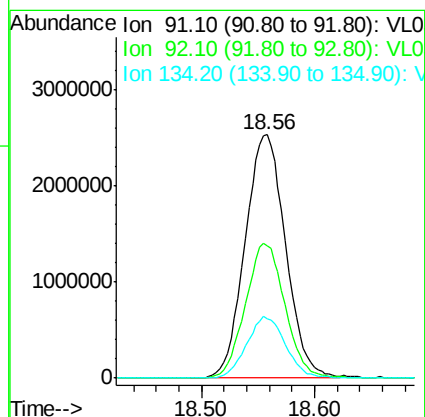
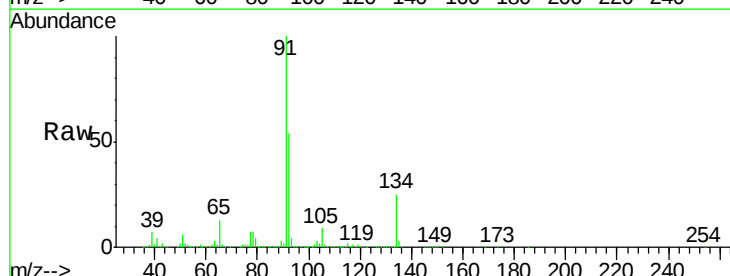
#69
 p-Isopropyltoluene
 Concen: 8.652 ppbv
 RT: 17.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1025ABS01
 Acq: 25 Oct 2021 14:10

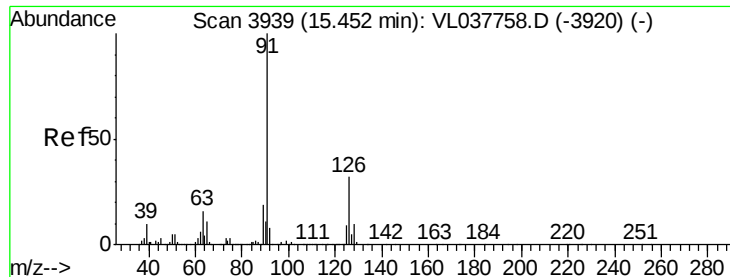
Tgt Ion: 119 Resp: 6354813
 Ion Ratio Lower Upper
 119 100
 134 26.5 21.2 31.8
 91 27.5 22.2 33.4



#70
 n-Butylbenzene
 Concen: 9.008 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion: 91 Resp: 6285523
 Ion Ratio Lower Upper
 91 100
 92 54.3 43.4 65.0
 134 24.5 19.8 29.6





#71

2-Chlorotoluene

Concen: 8.535 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

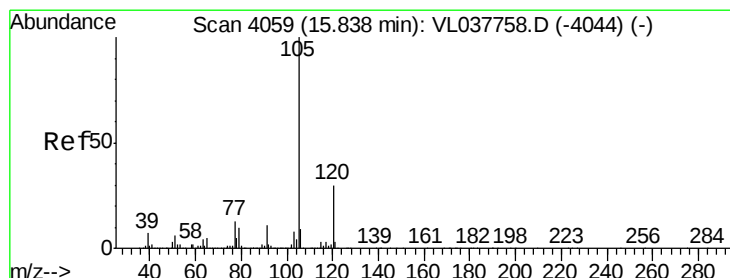
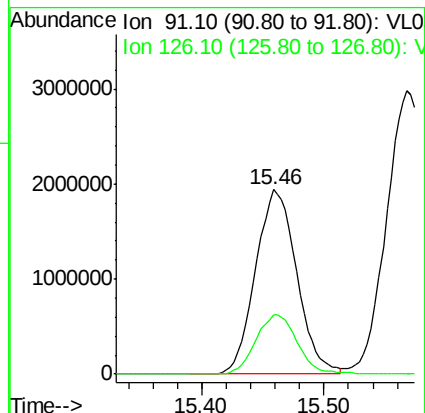
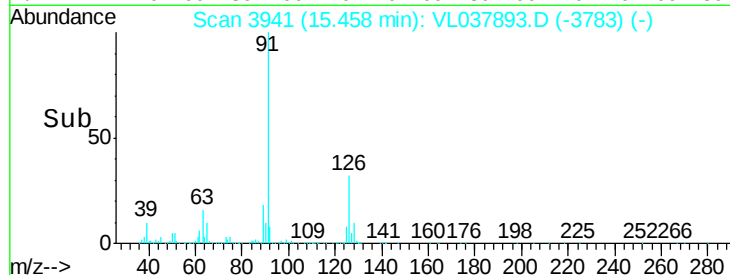
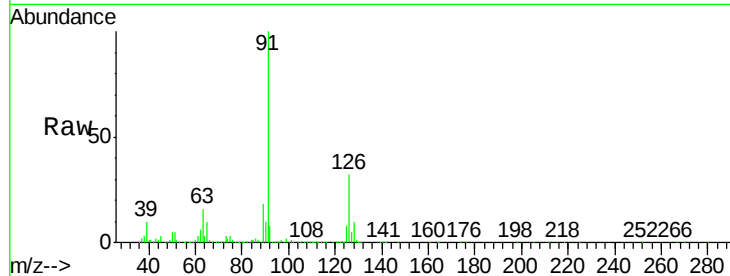
Acq: 25 Oct 2021 14:10

Tgt Ion: 91 Resp: 4549903

Ion Ratio Lower Upper

91 100

126 33.2 13.6 54.6



#72

4-Ethyltoluene

Concen: 8.780 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

Tgt Ion: 105 Resp: 5395277

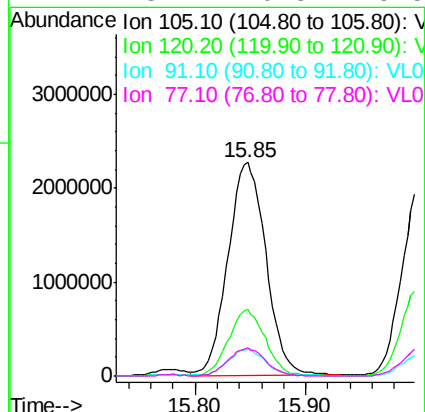
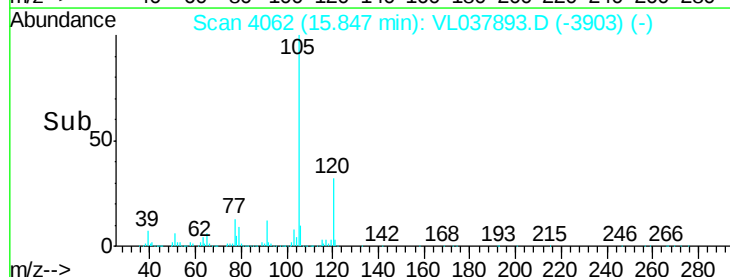
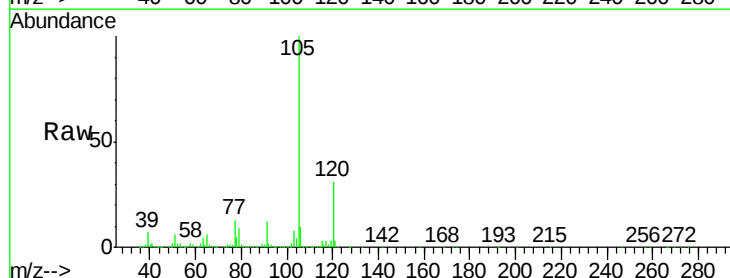
Ion Ratio Lower Upper

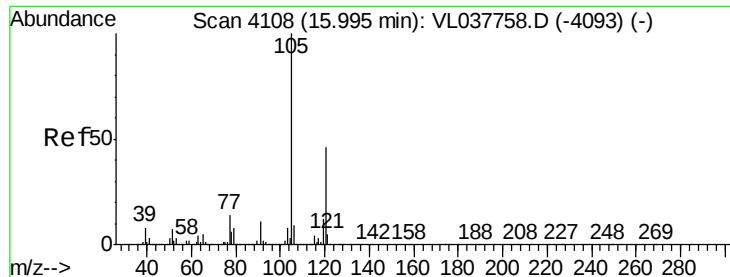
105 100

120 30.6 24.2 36.2

91 12.3 10.4 15.6

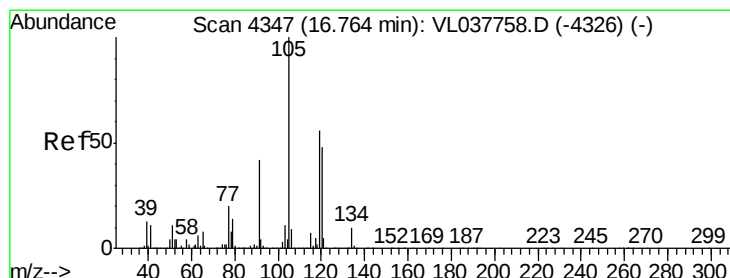
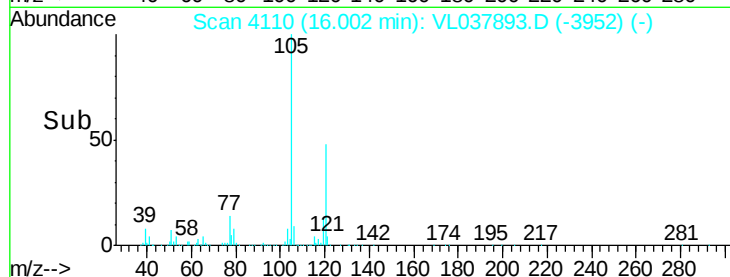
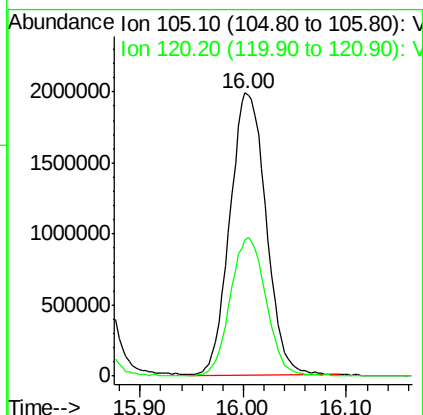
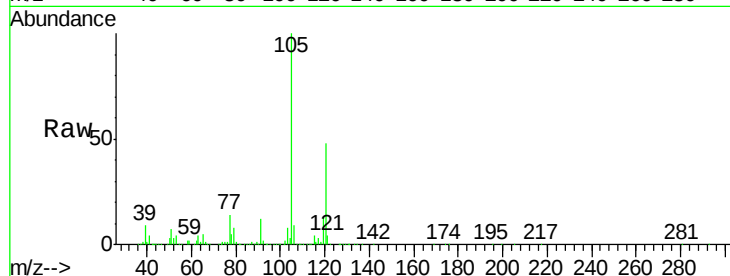
77 13.4 10.3 15.5





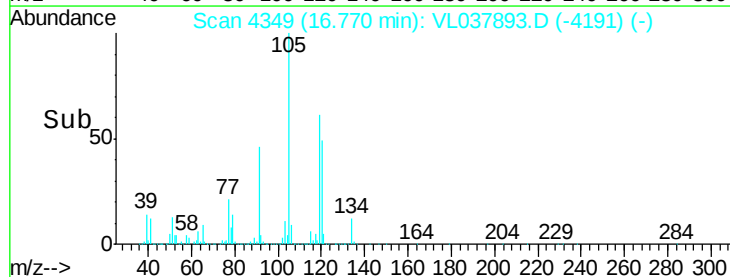
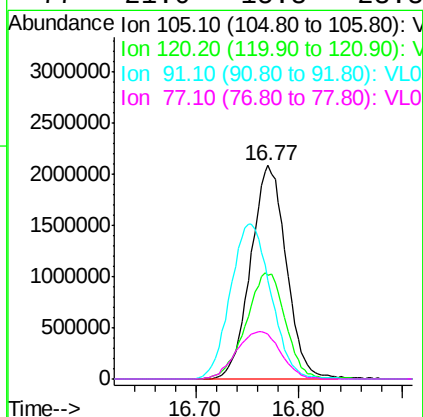
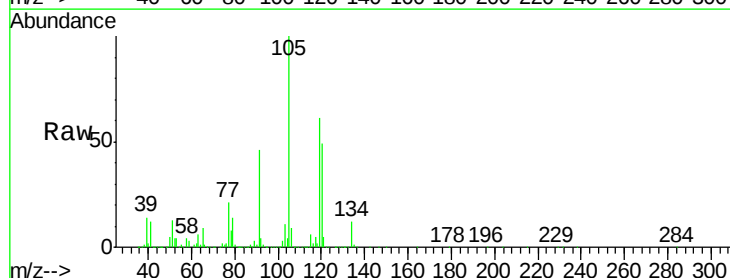
#73
 1,3,5-Trimethylbenzene
 Concen: 8.675 ppbv
 RT: 16.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1025ABS01
 Acq: 25 Oct 2021 14:10

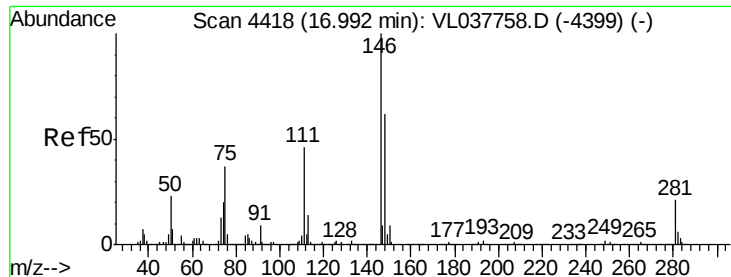
Tgt Ion:105 Resp: 4842367
 Ion Ratio Lower Upper
 105 100
 120 48.2 36.6 54.8



#74
 1,2,4-Trimethylbenzene
 Concen: 8.513 ppbv
 RT: 16.77 min Scan# 4349
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

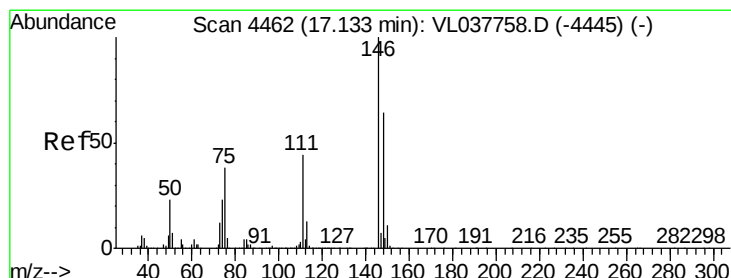
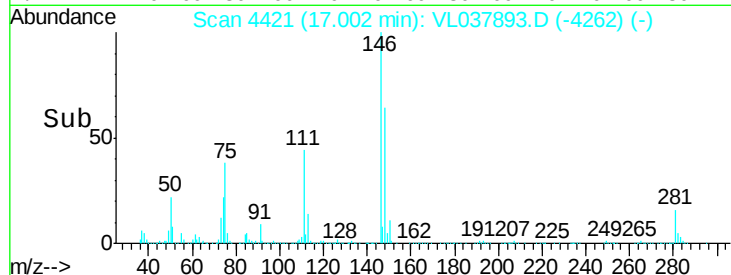
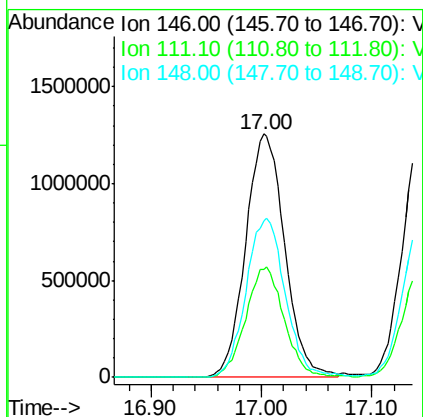
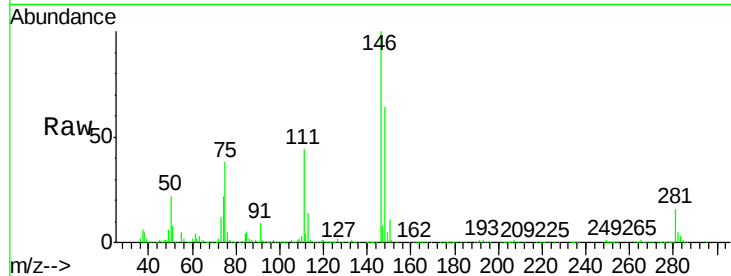
Tgt Ion:105 Resp: 4989954
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.4 57.6
 91 45.9 34.2 51.2
 77 21.0 15.8 23.8





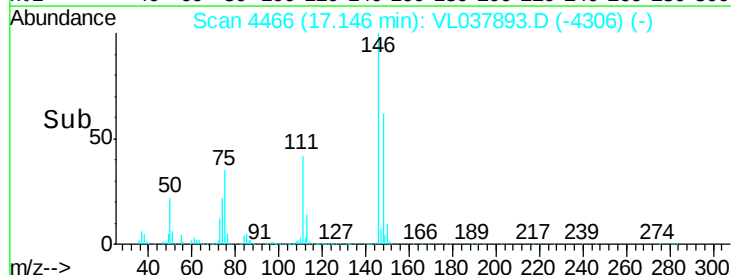
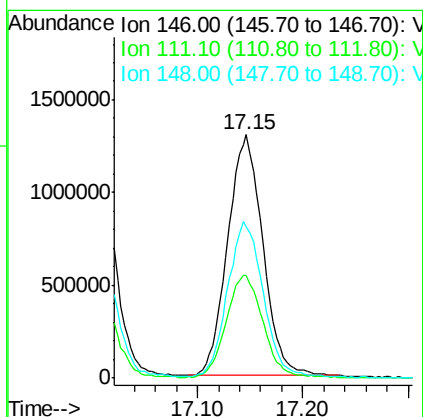
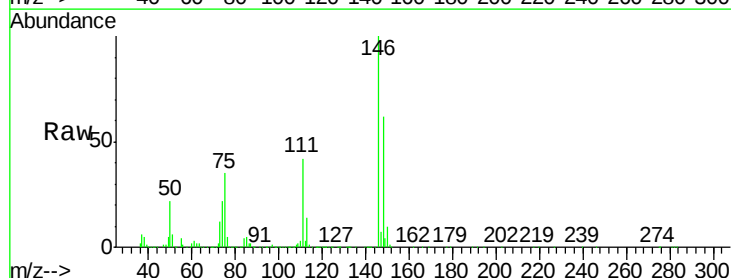
#75
 1,3-Dichlorobenzene
 Concen: 8.493 ppbv
 RT: 17.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1025ABS01
 Acq: 25 Oct 2021 14:10

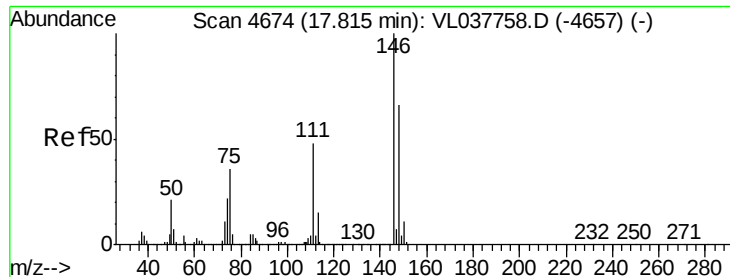
Tgt Ion:146 Resp: 3084231
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.8 68.4
 148 65.7 32.8 98.3



#76
 1,4-Dichlorobenzene
 Concen: 8.654 ppbv
 RT: 17.15 min Scan# 4466
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion:146 Resp: 2997968
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.4 67.3
 148 66.5 33.3 99.9





#77

1,2-Dichlorobenzene

Concen: 8.517 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Oct 2021 14:10

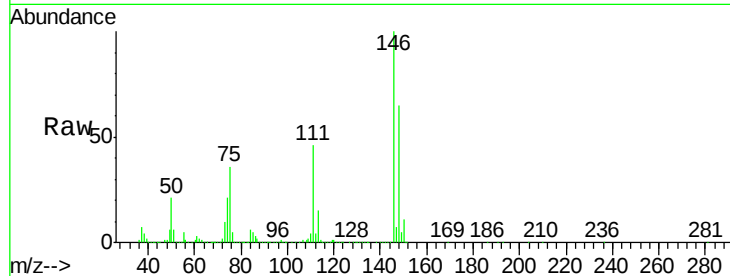
Tgt Ion:146 Resp: 2971103

Ion Ratio Lower Upper

146 100

111 46.7 23.6 70.8

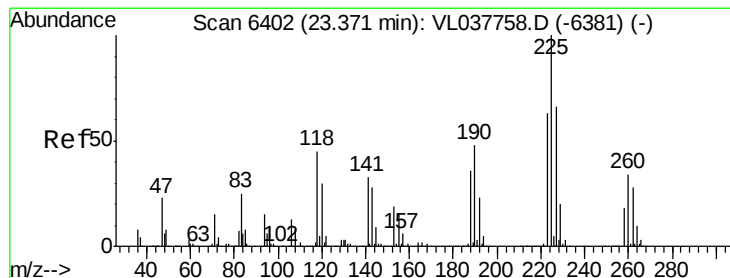
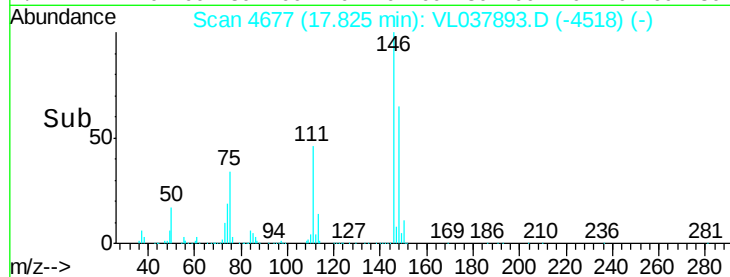
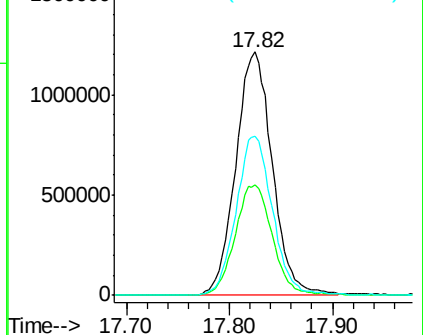
148 65.6 32.9 98.6



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: 7.595 ppbv

RT: 23.38 min Scan# 6405

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

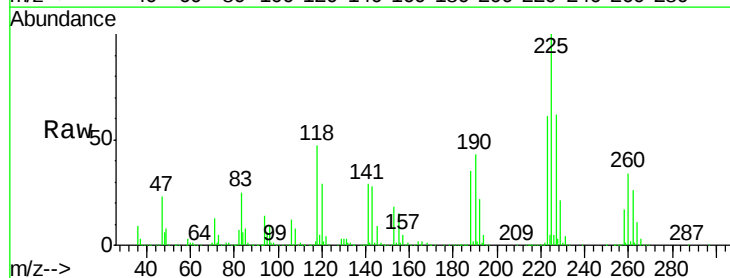
Tgt Ion:225 Resp: 2163345

Ion Ratio Lower Upper

225 100

223 63.7 51.2 76.8

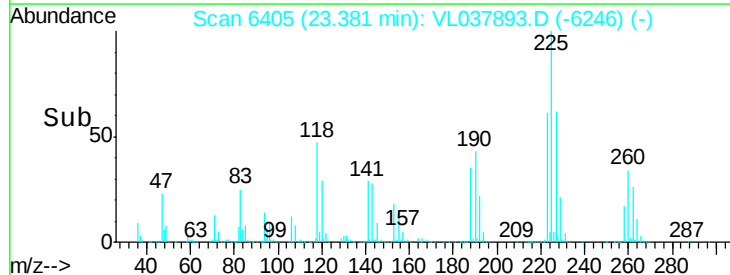
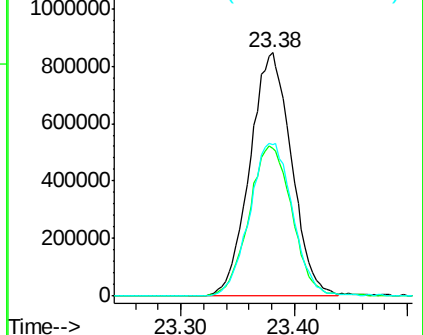
227 65.3 51.1 76.7

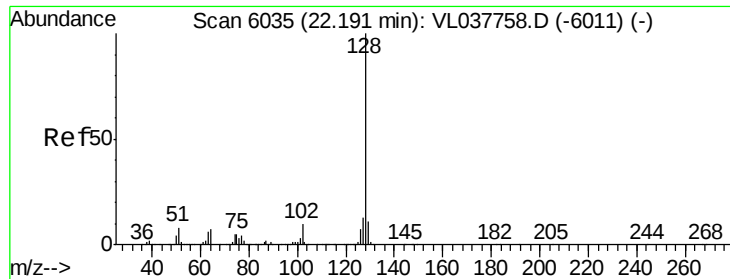


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V

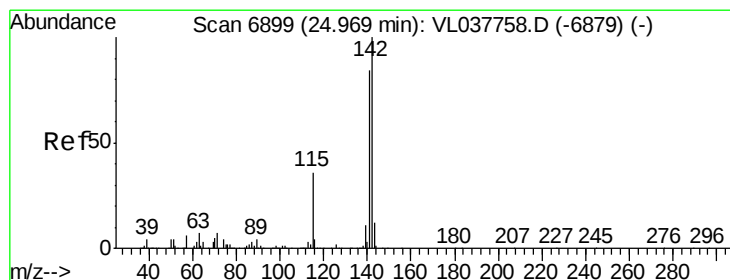
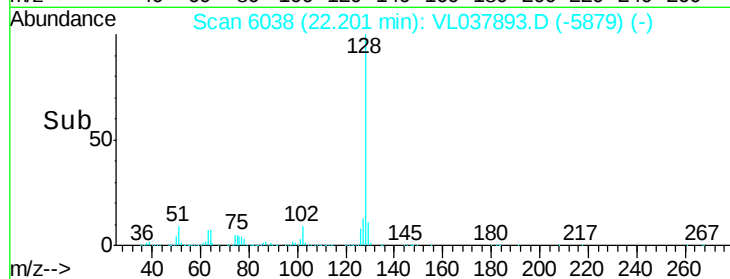
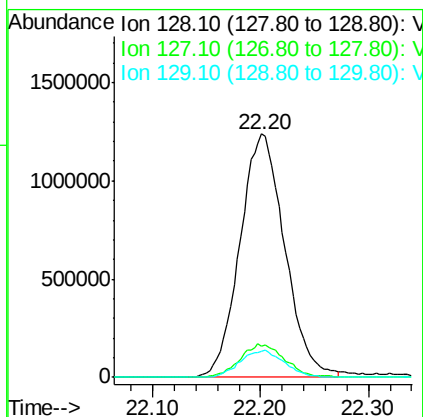
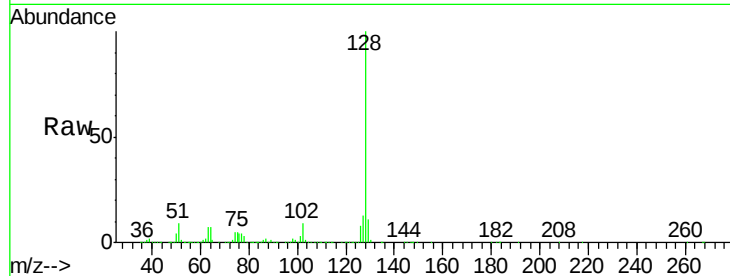




#79
Naphthalene
Concen: 9.937 ppbv
RT: 22.20 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL1025ABS01
Acq: 25 Oct 2021 14:10

Tgt Ion:128 Resp: 3567426

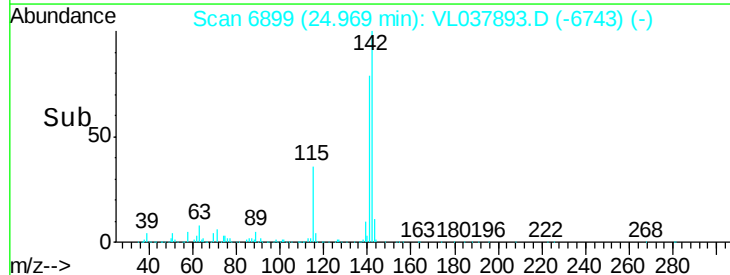
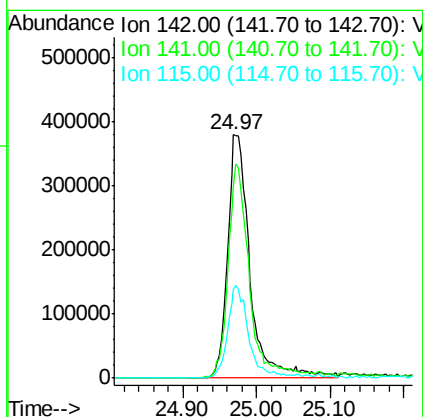
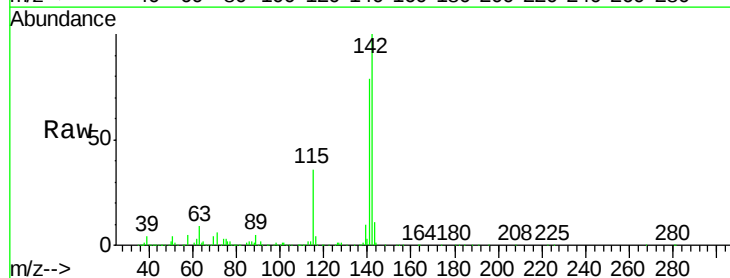
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.7	9.1	13.7

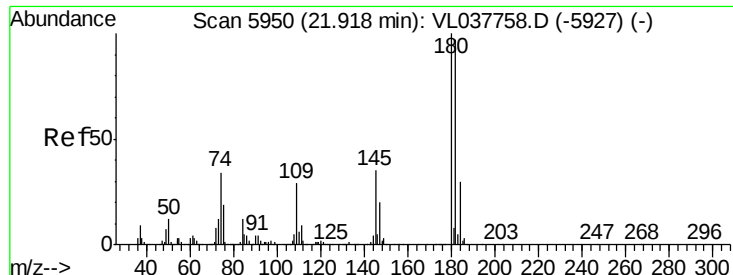


#80
Naphthalene, 2-methyl-
Concen: 8.351 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. 0.00 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion:142 Resp: 804943

Ion	Ratio	Lower	Upper
142	100		
141	84.3	68.6	102.8
115	35.9	29.0	43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 9.501 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL1025ABS01
 Acq: 25 Oct 2021 14:10

Tgt Ion:180 Resp: 2181532
 Ion Ratio Lower Upper
 180 100
 182 97.2 77.6 116.4
 184 31.3 25.0 37.4

