

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102021\
 Data File : VL037886.D
 Acq On : 20 Oct 2021 14:02
 Operator : SY/AP
 Sample : VL1012ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1020ABS01

Quant Time: Oct 21 01:31:55 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	1198441	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3569971	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4167431	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2287847	7.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	78.50%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	1870291	9.770	ppbv	99
3) Chlorodifluoromethane	2.99	51	2462384	10.693	ppbv	99
4) Chloromethane	3.14	50	947518	11.234	ppbv	99
5) Vinyl Chloride	3.26	62	920676	11.908	ppbv	98
6) Bromomethane	3.47	94	444416	10.626	ppbv	94
7) Chloroethane	3.56	64	297100	10.451	ppbv	99
8) Dichlorotetrafluoroethane	3.19	85	2095714	11.077	ppbv	99
9) Propene	3.01	41	876215	10.341	ppbv	99
10) Heptane	8.12	43	2318964	12.051	ppbv	99
11) Trichlorofluoromethane	3.95	101	1869651	10.947	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1394487	10.776	ppbv	99
13) Ethanol	3.61	45	65775	9.493	ppbv	91
14) Bromoethene	3.74	108	641980	11.283	ppbv	94
15) Acetone	3.85	43	1322631	12.294	ppbv	98
16) 1,3-Butadiene	3.33	39	869934	11.113	ppbv	98
17) tert-Butyl alcohol	4.29	59	1234976	11.146	ppbv	99
18) 1,1-Dichloroethene	4.29	96	643192	10.937	ppbv	96
19) Isopropyl Alcohol	3.96	45	674969	10.085	ppbv	# 94
20) Methylene Chloride	4.34	84	516376	9.499	ppbv	99
21) Allyl Chloride	4.41	41	1019058	10.692	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	658482	11.137	ppbv	98
23) Vinyl Acetate	5.07	43	1710543	10.610	ppbv	99
24) 1,1-Dichloroethane	5.01	63	1309653	11.159	ppbv	99
25) Ethyl Acetate	5.67	43	3442194	11.402	ppbv	100
26) Hexane	5.69	57	1629871	10.964	ppbv	98
27) Carbon Disulfide	4.55	76	1600258	12.147	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1279379	10.337	ppbv	98
29) Chloroform	5.75	83	2345717	11.039	ppbv	97
30) Cyclohexane	7.13	84	1377363	10.926	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1493669	11.068	ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	2213221	10.986	ppbv	100
34) 2-Butanone	5.25	43	1488375	10.327	ppbv	98
35) Carbon Tetrachloride	7.02	117	2316404	11.425	ppbv	100
36) Benzene	6.89	78	3394713	11.133	ppbv	98
37) 1,2-Dichloroethane	6.31	62	1611993	11.227	ppbv	100
38) Trichloroethene	7.83	130	1355657	11.253	ppbv	97
39) 1,2-Dichloropropane	7.61	63	1298281	11.319	ppbv	96
40) 1,4-Dioxane	7.83	88	85165	2.967	ppbv	# 100
41) Tetrahydrofuran	6.05	42	787015	11.152	ppbv	98
42) Bromodichloromethane	7.79	83	2448238	11.609	ppbv	100
43) Methyl Methacrylate	8.01	69	1223125	12.281	ppbv	98

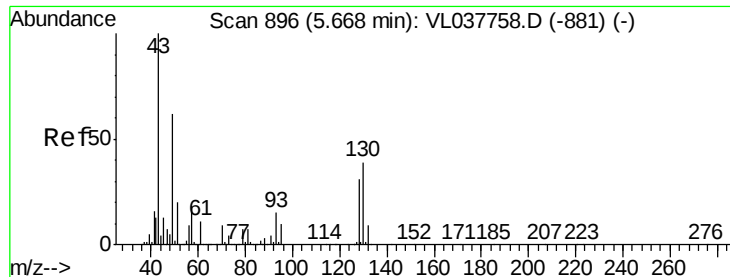
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102021\
 Data File : VL037886.D
 Acq On : 20 Oct 2021 14:02
 Operator : SY/AP
 Sample : VL1012ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1020ABS01

Quant Time: Oct 21 01:31:55 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	7.87	57	5778924	11.280	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	786299	11.474	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1112025	11.707	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1397446	11.208	ppbv	98
48) Dibromochloromethane	10.30	129	2183125	12.282	ppbv	99
49) Bromoform	13.04	173	1769454	13.010	ppbv	95
50) 4-Methyl-2-Pentanone	8.74	43	2298748	12.252	ppbv	100
51) 2-Hexanone	10.13	43	1050973	12.548	ppbv #	99
52) Tetrachloroethene	11.22	164	1244986	10.494	ppbv	96
53) Toluene	9.80	91	3986642	11.797	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1923952	11.423	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	1537915	8.914	ppbv	93
57) Chlorobenzene	12.15	112	3019283	8.832	ppbv	98
58) Ethyl Benzene	12.71	91	5096459	9.107	ppbv	100
59) m/p-Xylene	12.99	91	4869797	10.138	ppbv #	42
60) o-Xylene	13.69	91	4116069	8.941	ppbv	99
61) Styrene	13.52	104	2202280	9.890	ppbv	100
62) Isopropylbenzene	14.66	105	5695835	8.871	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	3029905	8.529	ppbv	99
64) n-propylbenzene	15.56	120	1511768	9.441	ppbv	97
65) tert-Butylbenzene	16.74	119	5080453	8.991	ppbv	99
66) Benzyl Chloride	16.98	91	245551	8.805	ppbv #	99
67) sec-Butylbenzene	17.29	105	7150543	9.253	ppbv	99
69) p-Isopropyltoluene	17.65	119	6039541	9.667	ppbv	100
70) n-Butylbenzene	18.54	91	6007781	10.122	ppbv	99
71) 2-Chlorotoluene	15.45	91	4178796	9.216	ppbv	99
72) 4-Ethyltoluene	15.83	105	5013674	9.592	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	4592655	9.673	ppbv	96
74) 1,2,4-Trimethylbenzene	16.76	105	4739567	9.506	ppbv	95
75) 1,3-Dichlorobenzene	16.99	146	2945760	9.536	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2909443	9.873	ppbv	98
77) 1,2-Dichlorobenzene	17.81	146	2845489	9.589	ppbv	98
78) Hexachloro-1,3-Butadiene	23.37	225	2066926	8.531	ppbv	99
79) Naphthalene	22.19	128	3457989	11.324	ppbv	98
80) Naphthalene,2-methyl-	24.97	142	823170	10.040	ppbv	98
81) 1,2,4-Trichlorobenzene	21.91	180	1101795	5.642	ppbv #	12

(#) = 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: VL1020ABS01

Acq: 20 Oct 2021 14:02

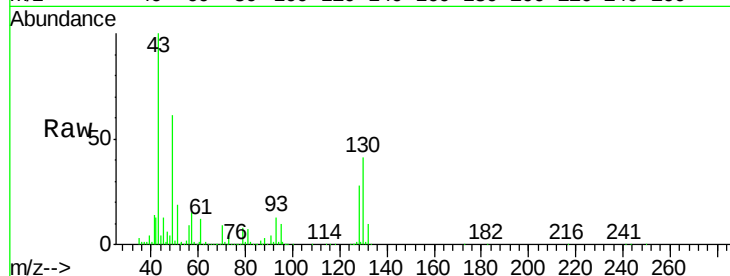
Tgt Ion: 49 Resp: 1198441

Ion Ratio Lower Upper

49 100

128 53.8 27.1 81.3

130 68.0 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

600000

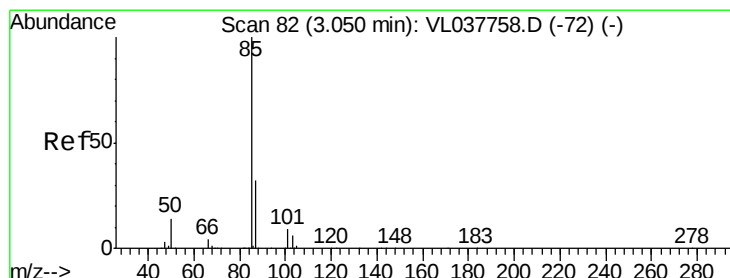
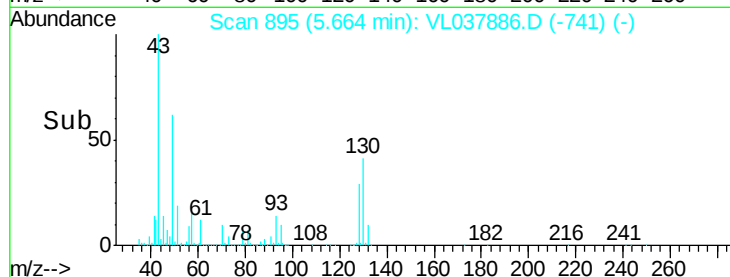
400000

200000

0

Time-->

5.60 5.65 5.70 5.75



#2

Dichlorodifluoromethane

Concen: 9.770 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL037886.D

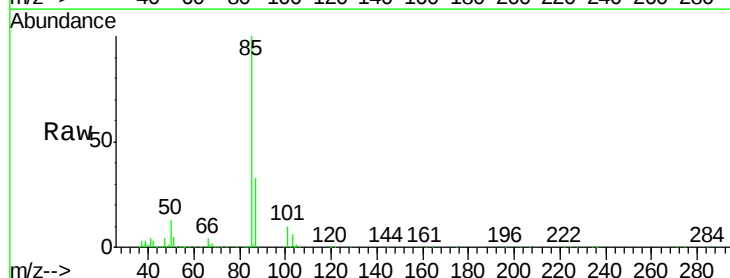
Acq: 20 Oct 2021 14:02

Tgt Ion: 85 Resp: 1870291

Ion Ratio Lower Upper

85 100

87 32.7 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

1500000

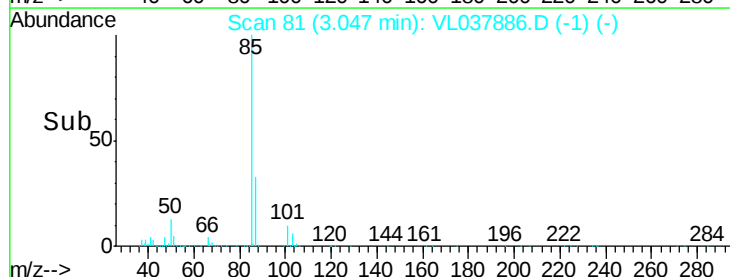
1000000

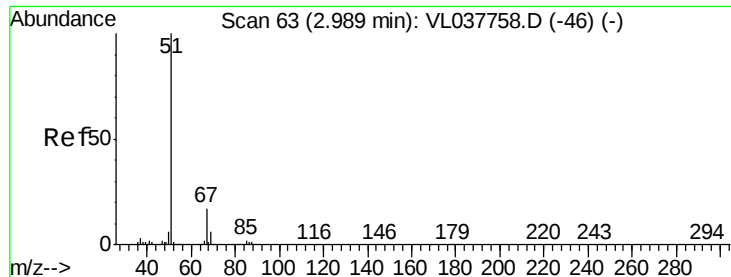
500000

0

Time-->

3.00 3.10 3.20





#3

Chlorodifluoromethane

Concen: 10.693 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1020ABS01

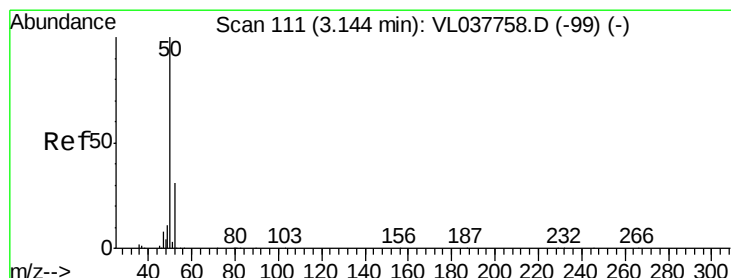
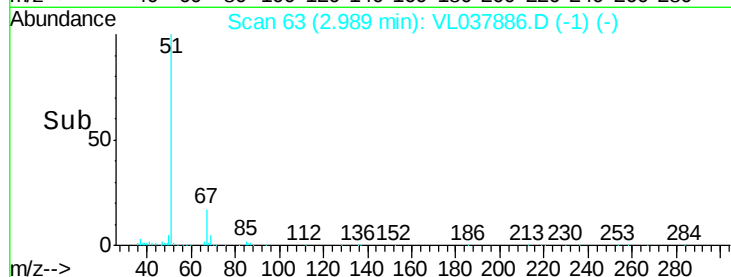
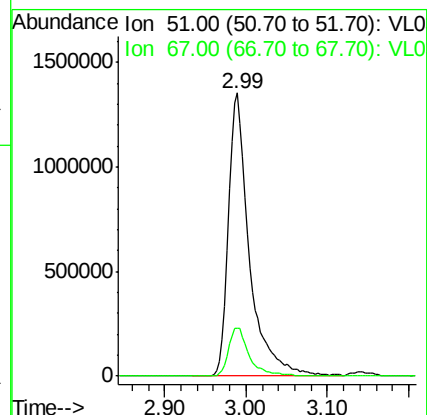
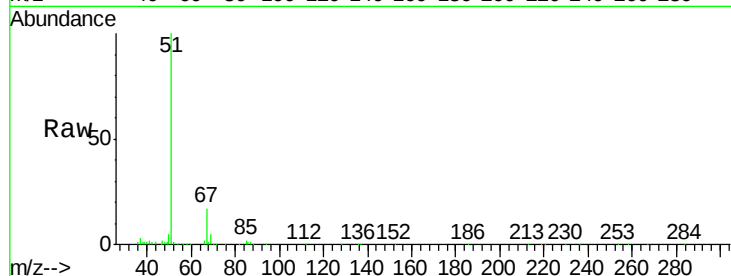
Acq: 20 Oct 2021 14:02

Tgt Ion: 51 Resp: 2462384

Ion Ratio Lower Upper

51 100

67 17.3 13.5 20.3



#4

Chloromethane

Concen: 11.234 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL037886.D

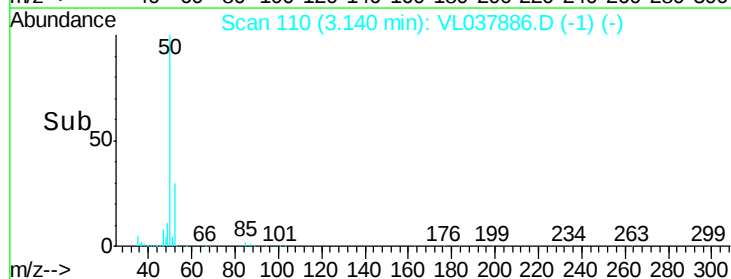
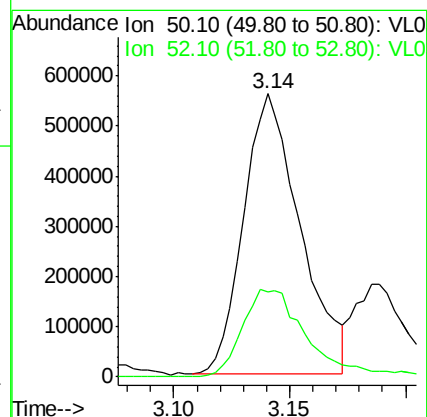
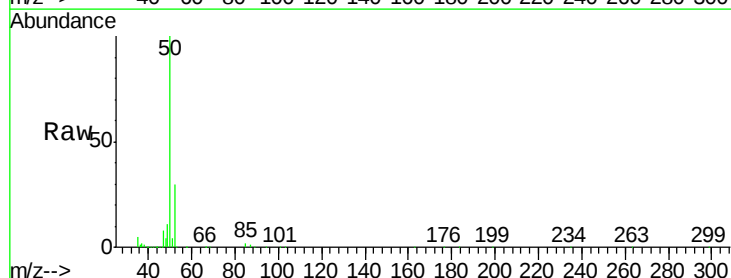
Acq: 20 Oct 2021 14:02

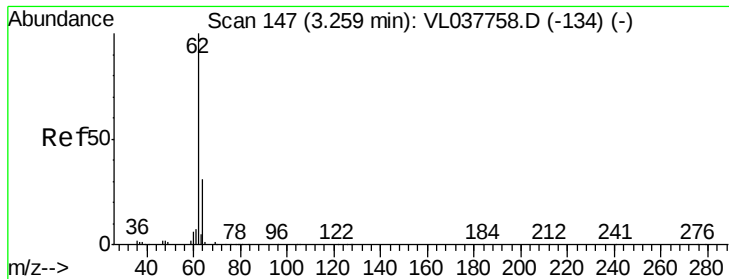
Tgt Ion: 50 Resp: 947518

Ion Ratio Lower Upper

50 100

52 30.2 24.4 36.6





#5

Vinyl Chloride

Concen: 11.908 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1020ABS01

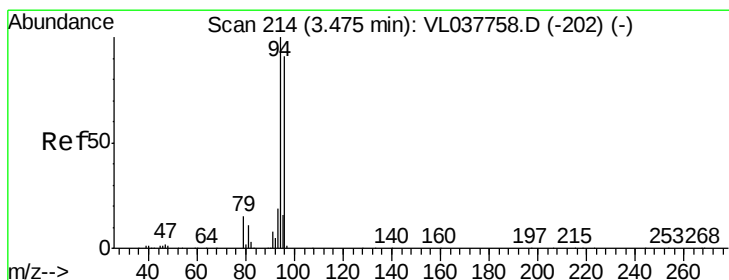
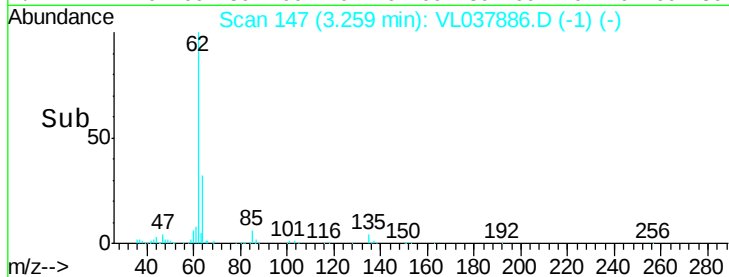
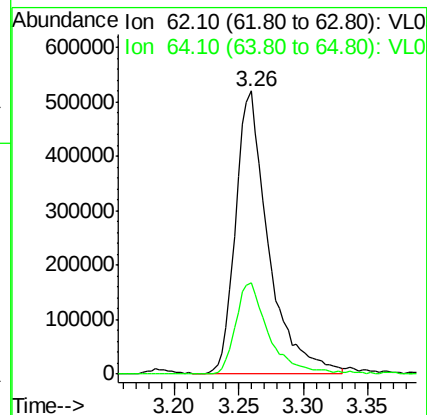
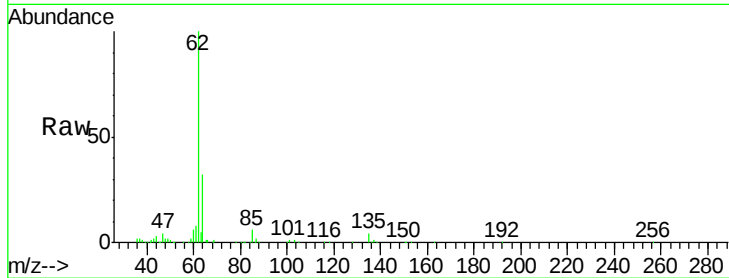
Acq: 20 Oct 2021 14:02

Tgt Ion: 62 Resp: 920676

Ion Ratio Lower Upper

62 100

64 32.1 24.9 37.3



#6

Bromomethane

Concen: 10.626 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL037886.D

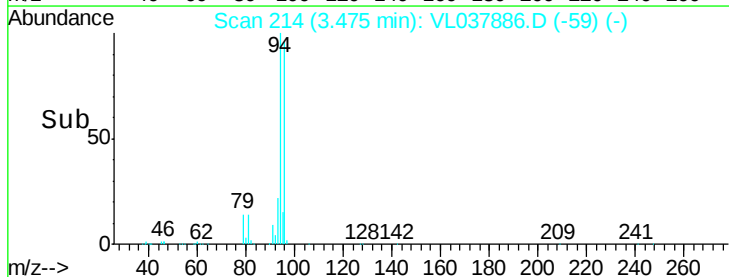
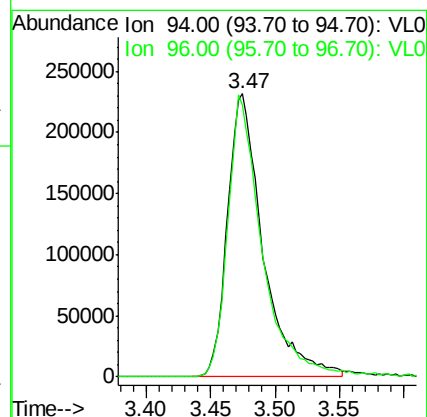
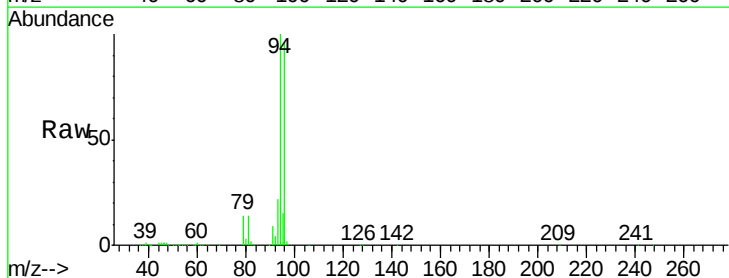
Acq: 20 Oct 2021 14:02

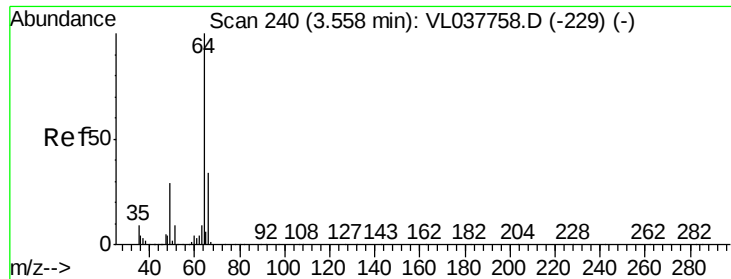
Tgt Ion: 94 Resp: 444416

Ion Ratio Lower Upper

94 100

96 96.1 72.5 108.7





#7

Chloroethane

Concen: 10.451 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1020ABS01

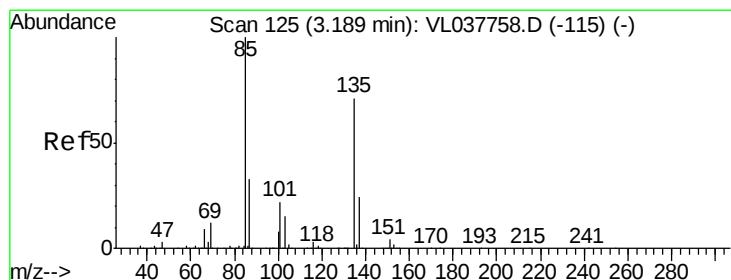
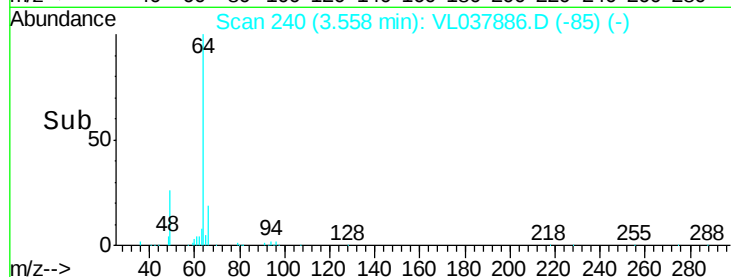
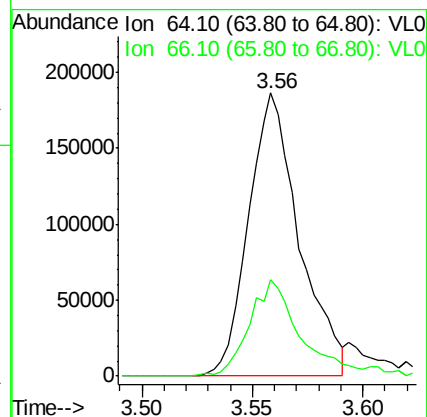
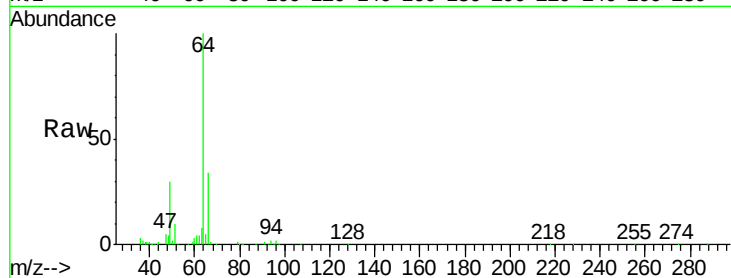
Acq: 20 Oct 2021 14:02

Tgt Ion: 64 Resp: 297100

Ion Ratio Lower Upper

64 100

66 34.0 27.5 41.3



#8

Dichlorotetrafluoroethane

Concen: 11.077 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL037886.D

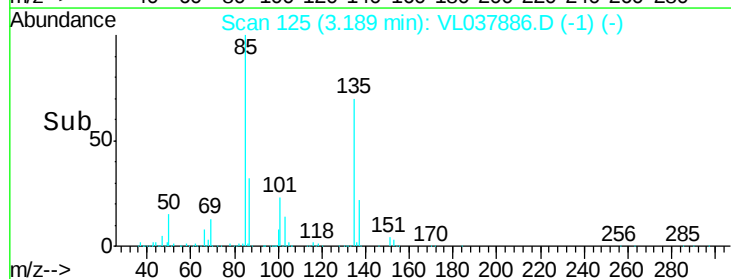
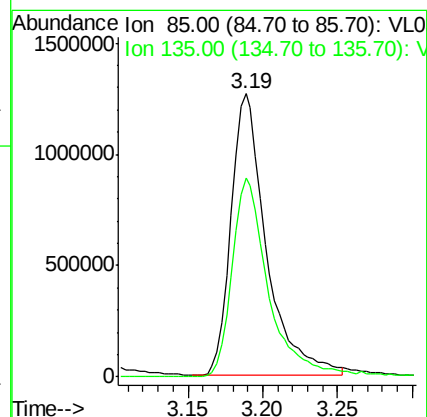
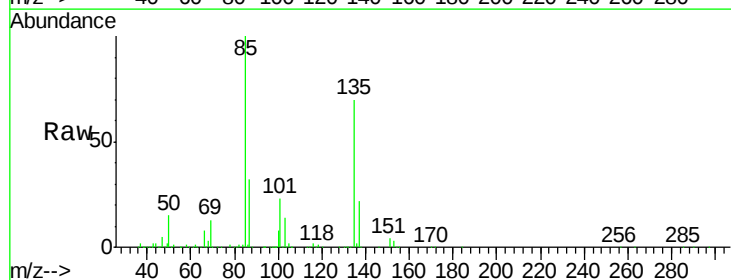
Acq: 20 Oct 2021 14:02

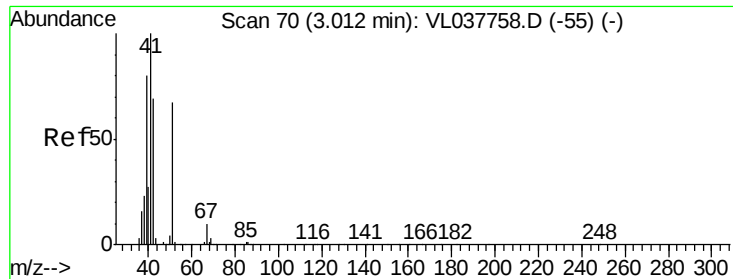
Tgt Ion: 85 Resp: 2095714

Ion Ratio Lower Upper

85 100

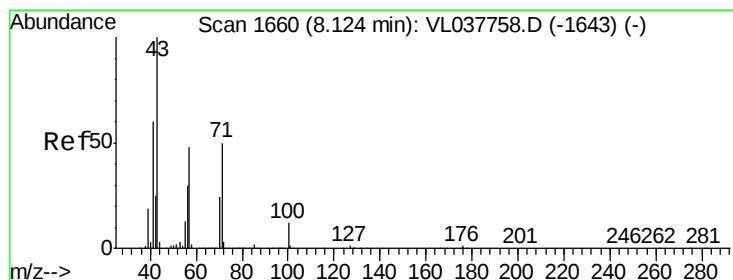
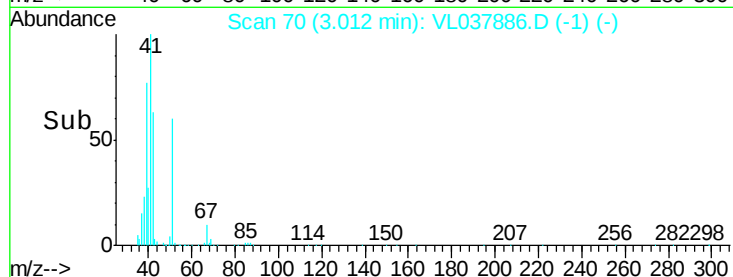
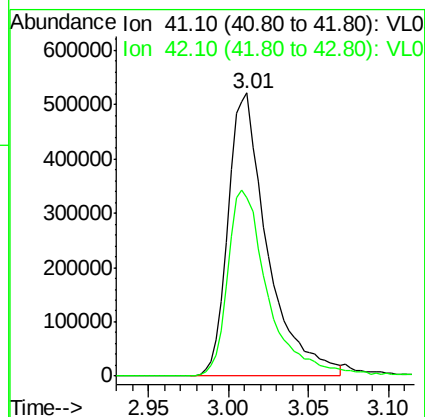
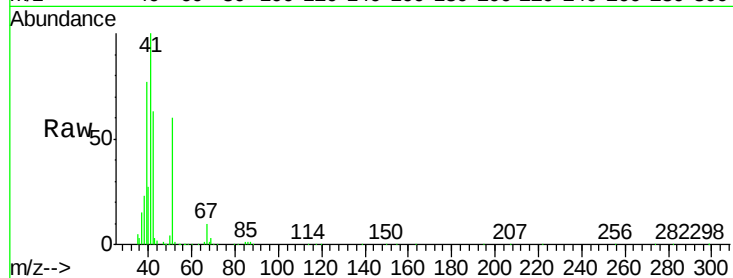
135 73.9 59.5 89.3





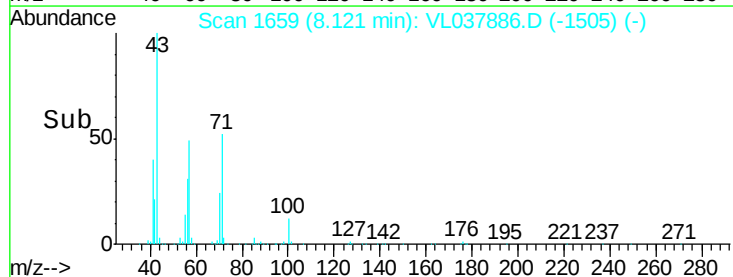
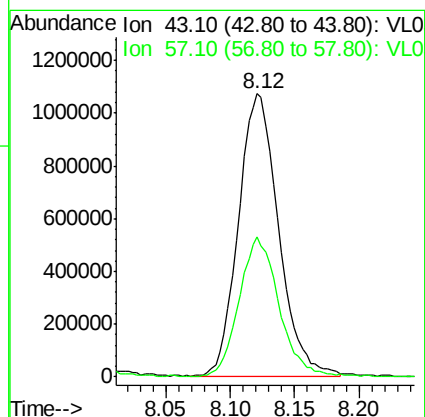
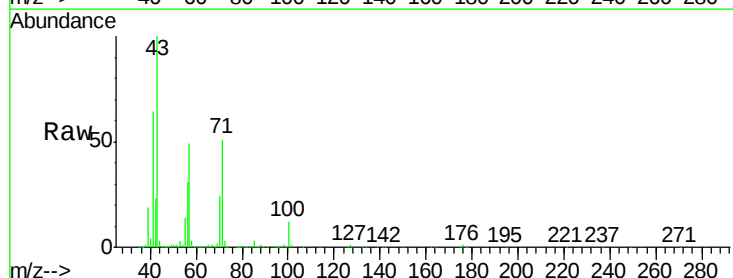
#9
Propene
Concen: 10.341 ppbv
RT: 3.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Oct 2021 14:02

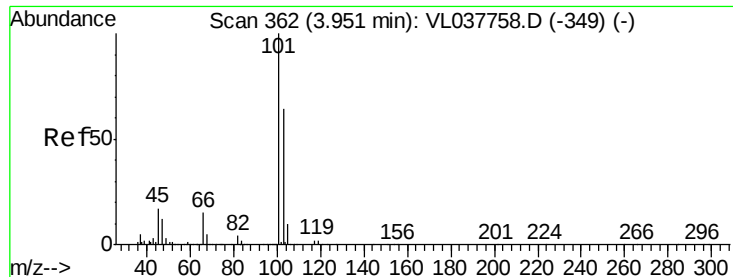
Tgt Ion: 41 Resp: 876215
Ion Ratio Lower Upper
41 100
42 68.2 54.2 81.2



#10
Heptane
Concen: 12.051 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

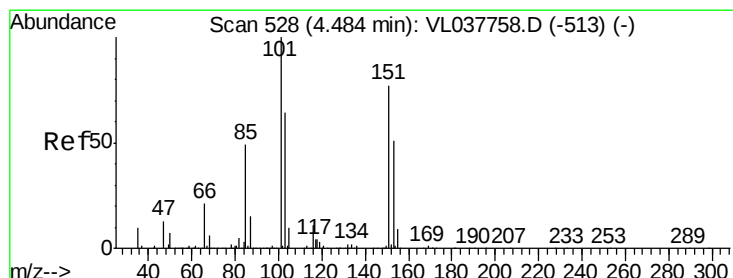
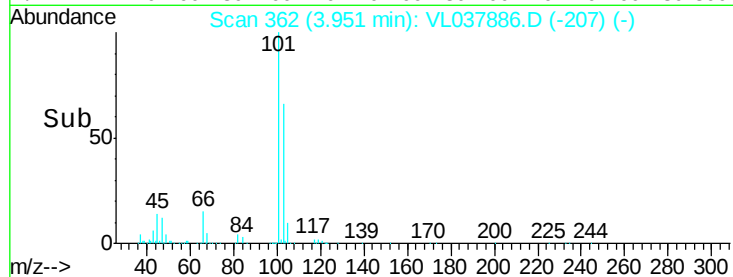
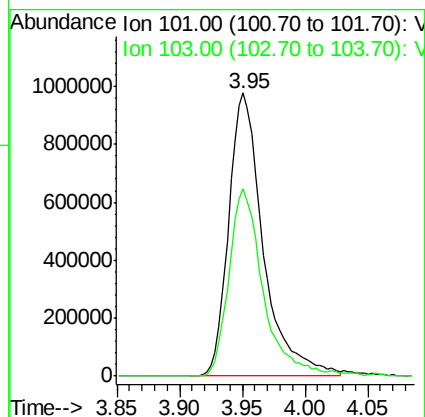
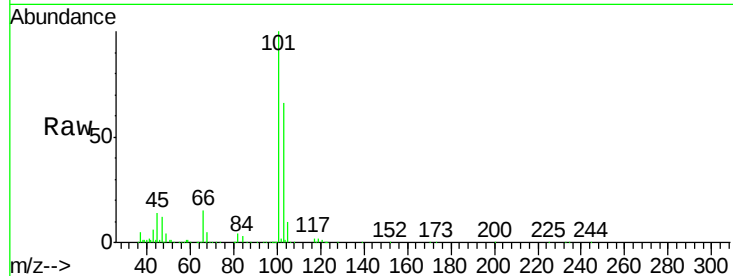
Tgt Ion: 43 Resp: 2318964
Ion Ratio Lower Upper
43 100
57 49.5 40.0 60.0





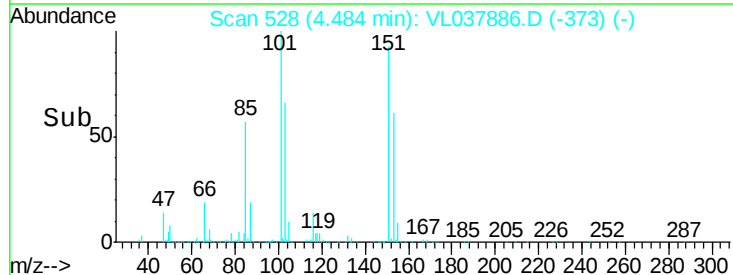
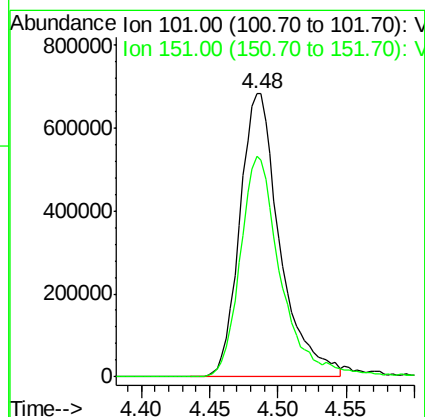
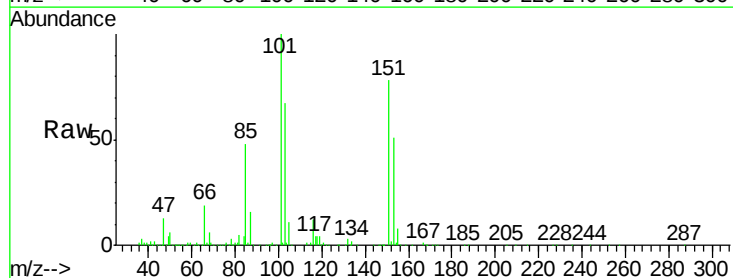
#11
 Trichlorofluoromethane
 Concen: 10.947 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1020ABS01
 Acq: 20 Oct 2021 14:02

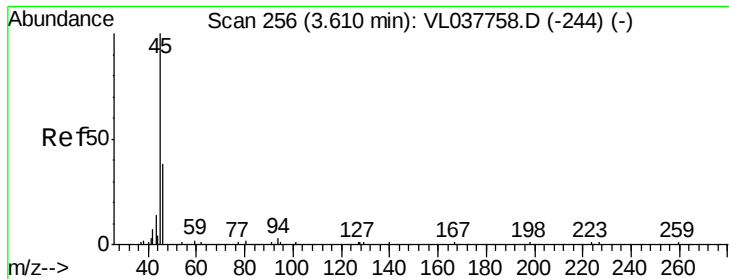
Tgt Ion:101 Resp: 1869651
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.776 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T.: -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

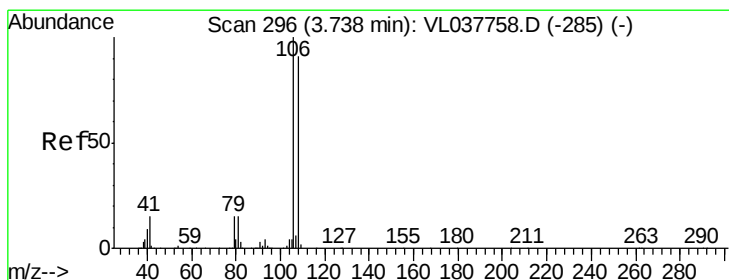
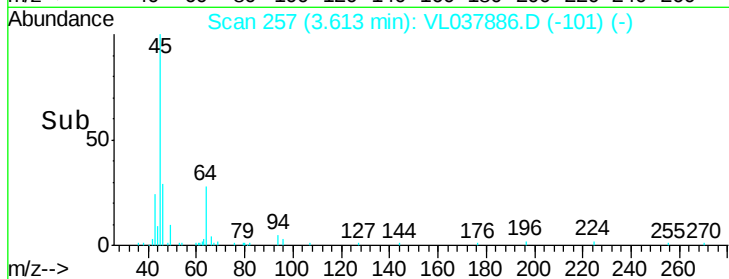
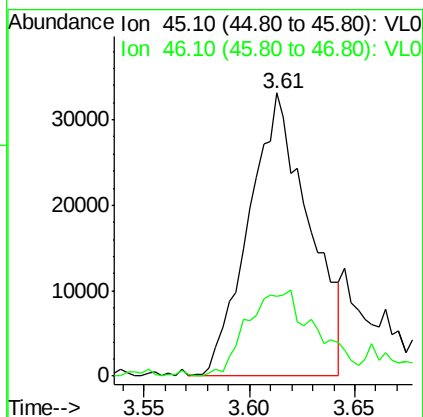
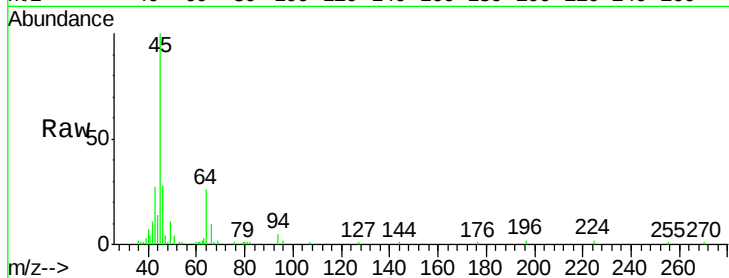
Tgt Ion:101 Resp: 1394487
 Ion Ratio Lower Upper
 101 100
 151 79.4 62.9 94.3





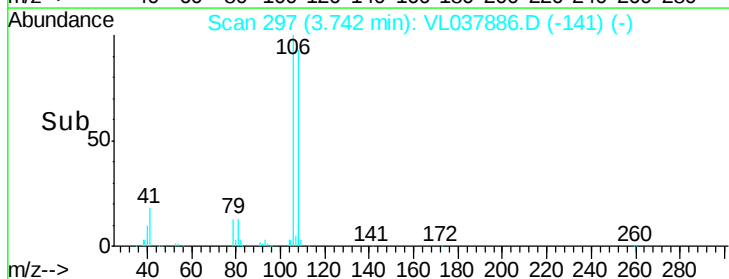
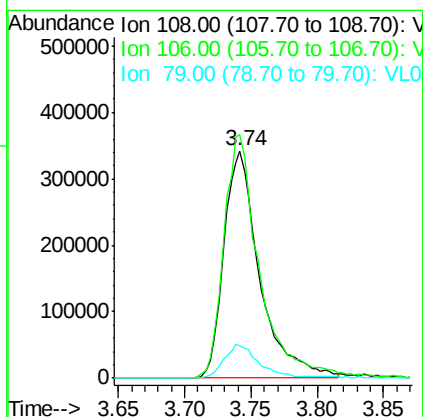
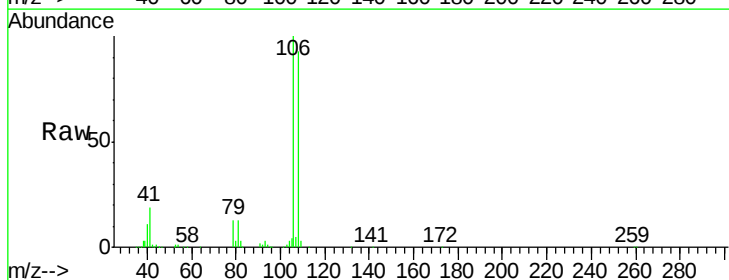
#13
 Ethanol
 Concen: 9.493 ppbv
 RT: 3.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1020ABS01
 Acq: 20 Oct 2021 14:02

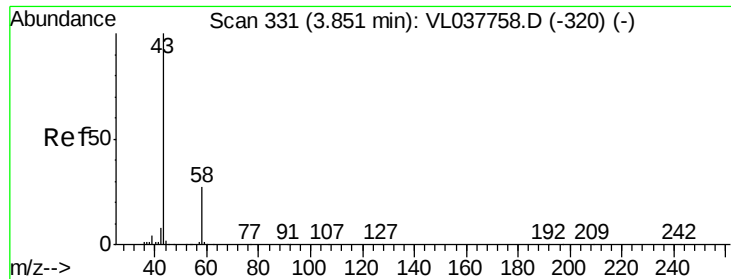
Tgt Ion: 45 Resp: 65775
 Ion Ratio Lower Upper
 45 100
 46 44.3 20.2 81.0



#14
 Bromoethene
 Concen: 11.283 ppbv
 RT: 3.74 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion: 108 Resp: 641980
 Ion Ratio Lower Upper
 108 100
 106 108.1 91.9 137.9
 79 15.4 13.9 20.9





#15

Acetone

Concen: 12.294 ppbv

RT: 3.85 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1020ABS01

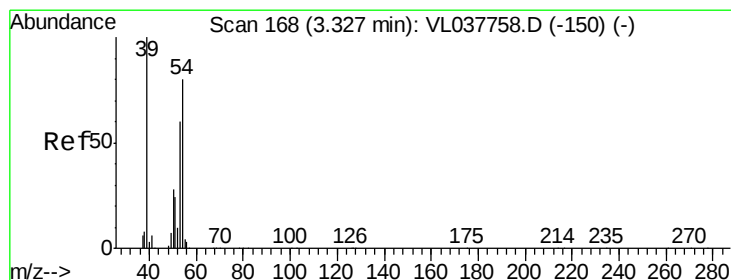
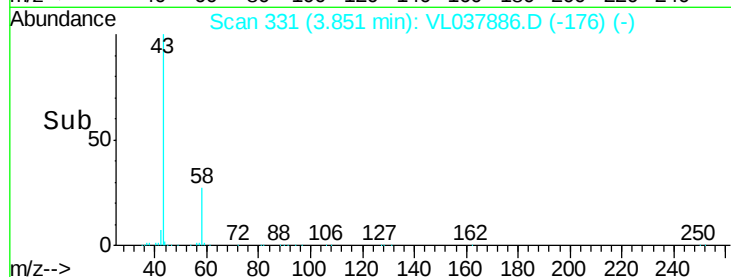
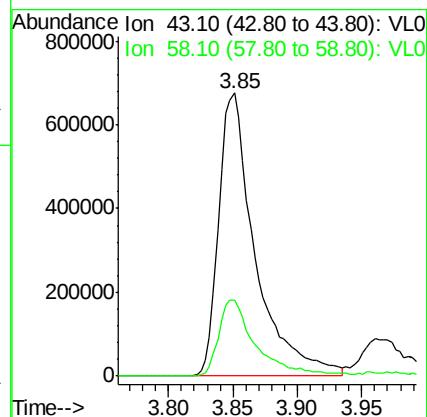
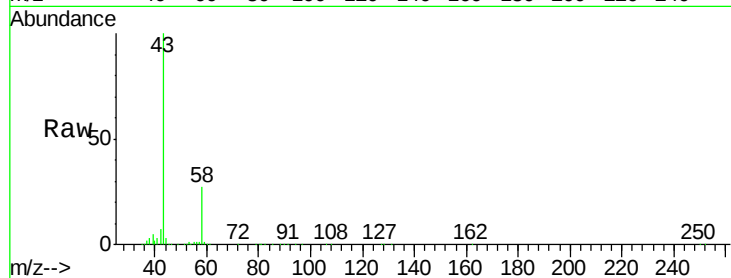
Acq: 20 Oct 2021 14:02

Tgt Ion: 43 Resp: 1322631

Ion Ratio Lower Upper

43 100

58 27.7 23.0 34.6



#16

1,3-Butadiene

Concen: 11.113 ppbv

RT: 3.33 min Scan# 168

Delta R.T. -0.00 min

Lab File: VL037886.D

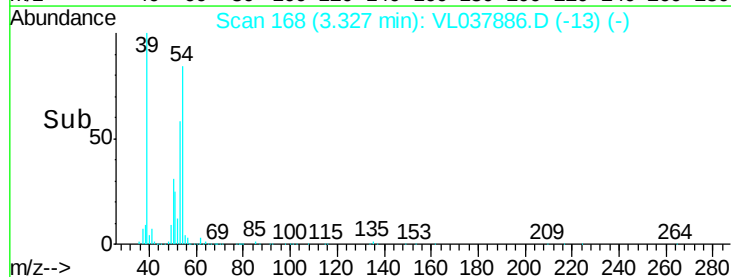
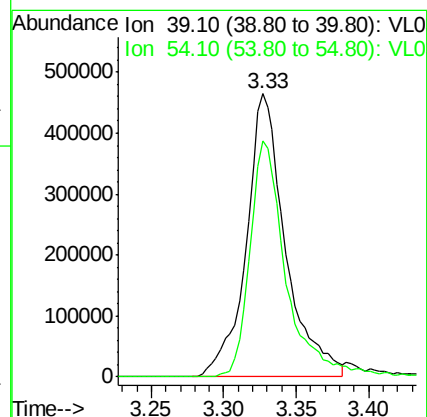
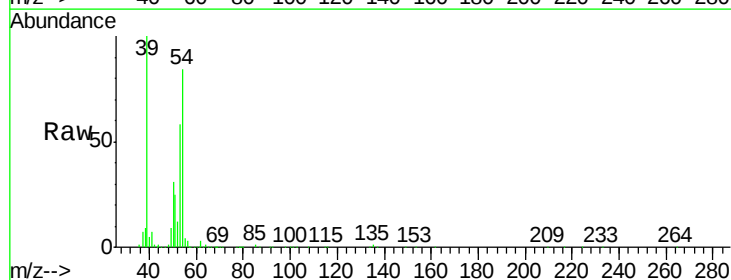
Acq: 20 Oct 2021 14:02

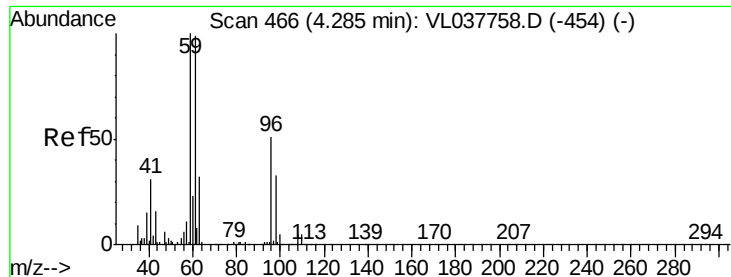
Tgt Ion: 39 Resp: 869934

Ion Ratio Lower Upper

39 100

54 78.4 61.7 92.5





#17

tert-Butyl alcohol

Concen: 11.146 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1020ABS01

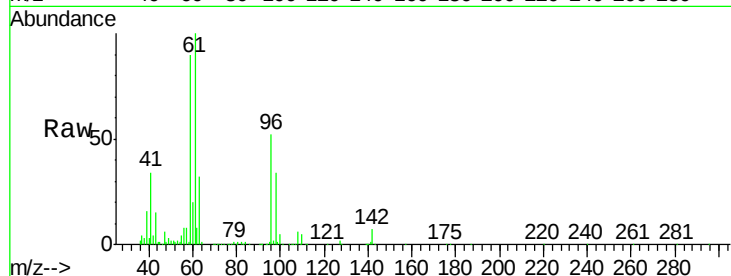
Acq: 20 Oct 2021 14:02

Tgt Ion: 59 Resp: 1234976

Ion Ratio Lower Upper

59 100

57 10.5 8.6 13.0



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.29

600000

500000

400000

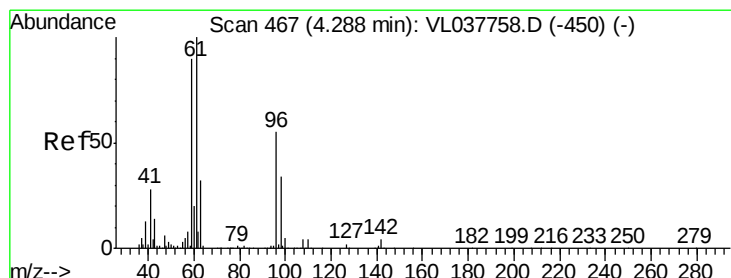
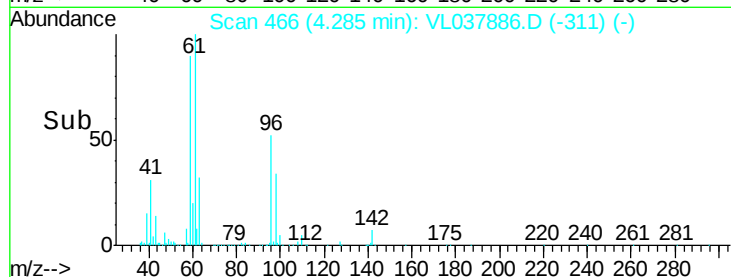
300000

200000

100000

0

Time--> 4.20 4.25 4.30 4.35



#18

1,1-Dichloroethene

Concen: 10.937 ppbv

RT: 4.29 min Scan# 467

Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

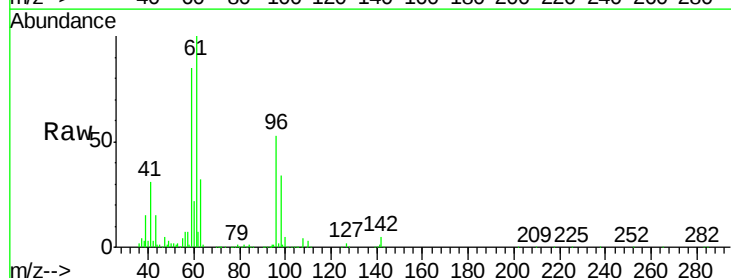
Tgt Ion: 96 Resp: 643192

Ion Ratio Lower Upper

96 100

61 189.7 146.2 219.4

98 64.3 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

800000

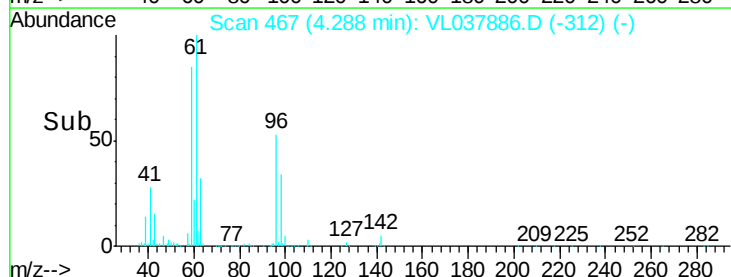
600000

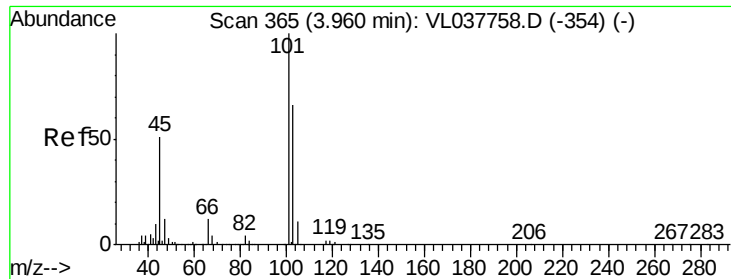
400000

200000

0

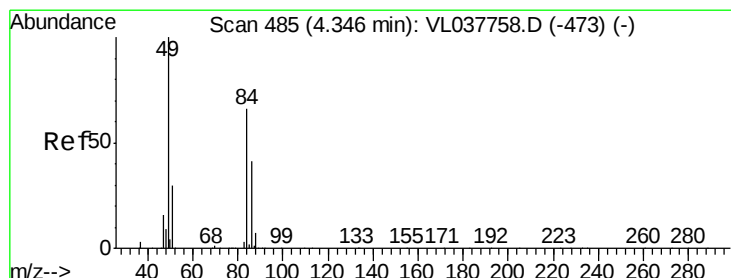
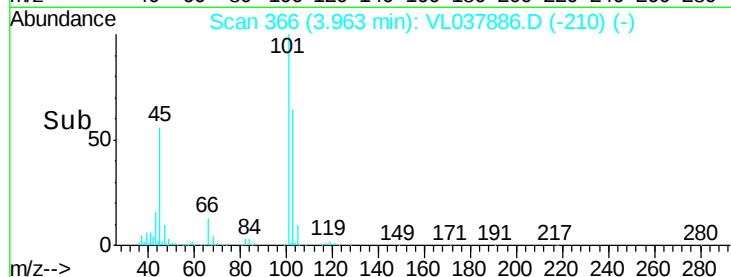
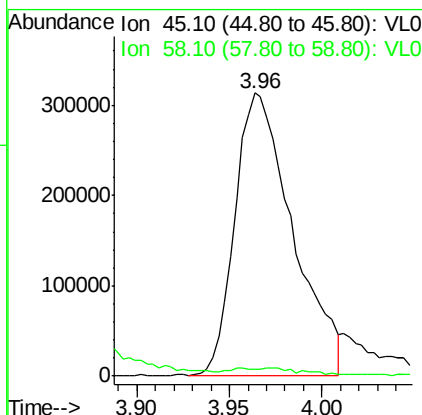
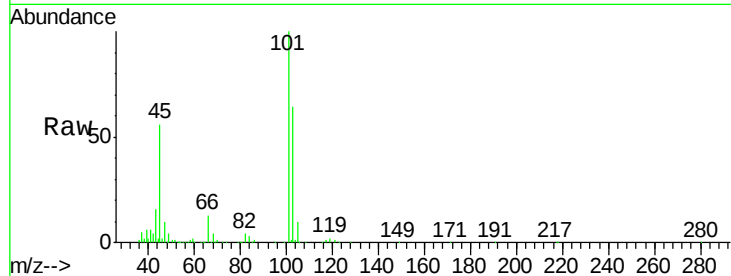
Time--> 4.20 4.25 4.30 4.35 4.40





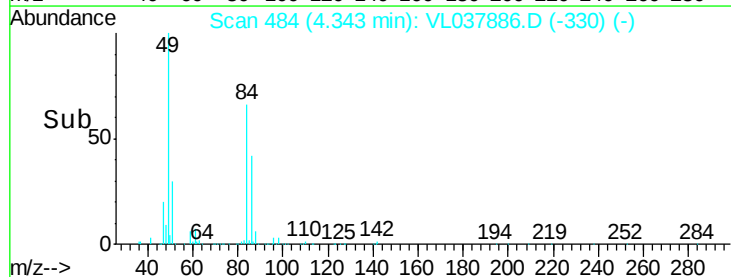
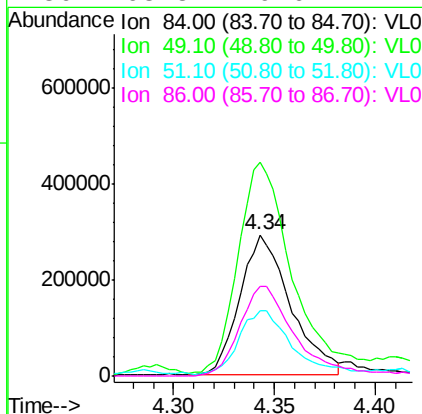
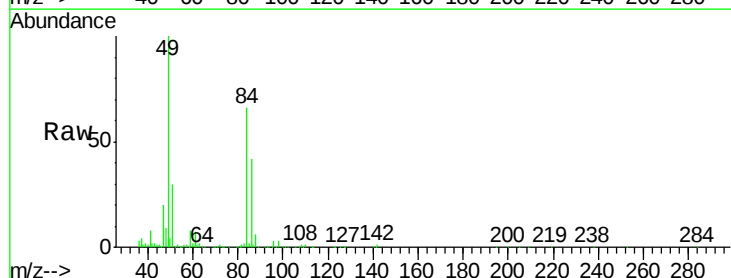
#19
Isopropyl Alcohol
Concen: 10.085 ppbv
RT: 3.96
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL1020ABS01
Acq: 20 Oct 2021 14:02

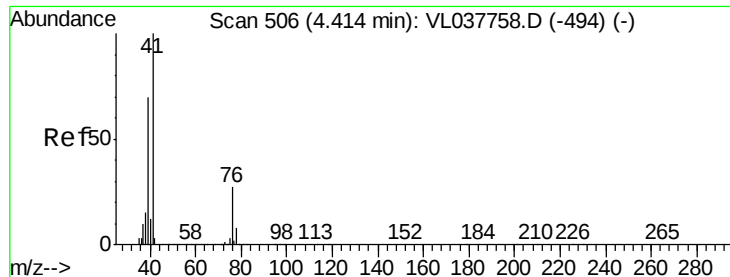
Tgt Ion: 45 Resp: 674969
Ion Ratio Lower Upper
45 100
58 3.7 1.1 1.7#



#20
Methylene Chloride
Concen: 9.499 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 84 Resp: 516376
Ion Ratio Lower Upper
84 100
49 149.9 120.7 181.1
51 44.6 36.2 54.4
86 63.8 49.6 74.4





#21

Allyl Chloride

Concen: 10.692 ppbv

RT: 4.41 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VL1020ABS01

Acq: 20 Oct 2021 14:02

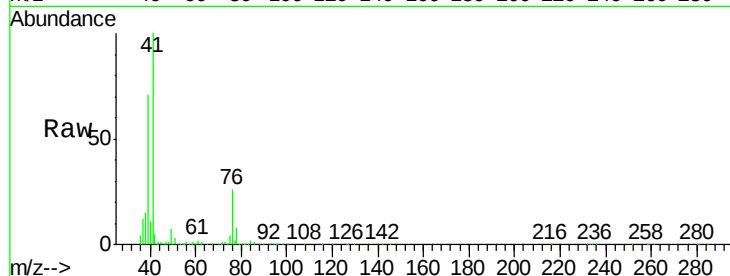
Tgt Ion: 41 Resp: 1019058

Ion Ratio Lower Upper

41 100

76 27.8 22.4 33.6

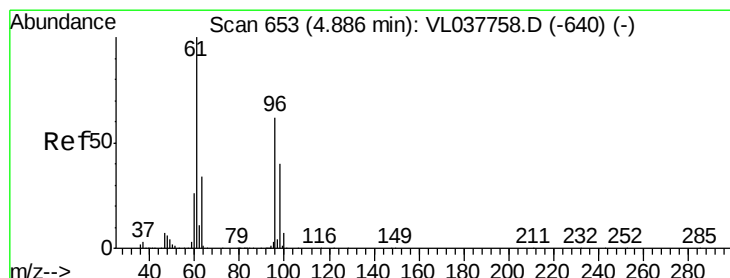
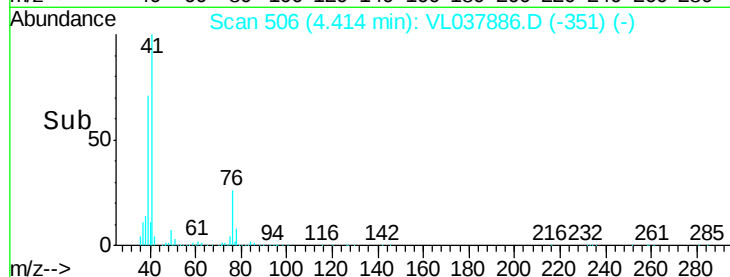
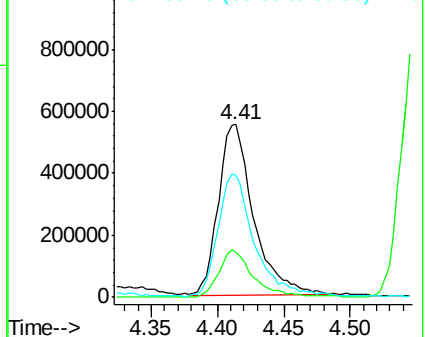
39 74.1 58.0 87.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 11.137 ppbv

RT: 4.88 min Scan# 652

Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

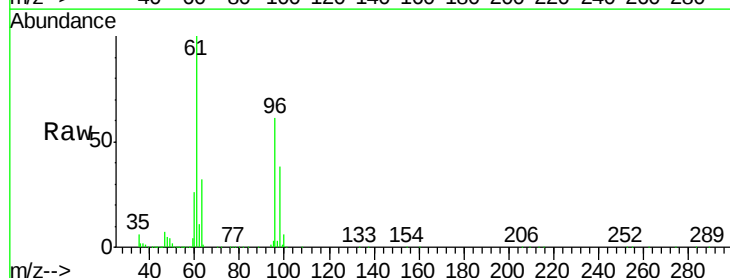
Tgt Ion: 96 Resp: 658482

Ion Ratio Lower Upper

96 100

61 165.2 129.0 193.6

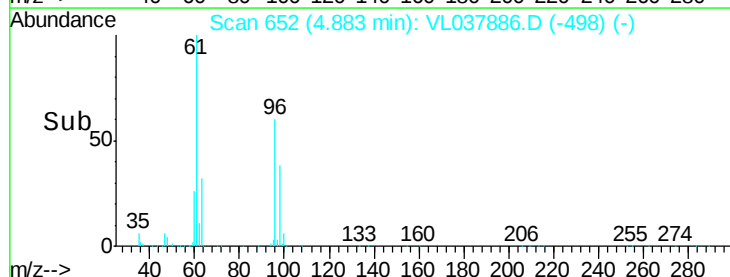
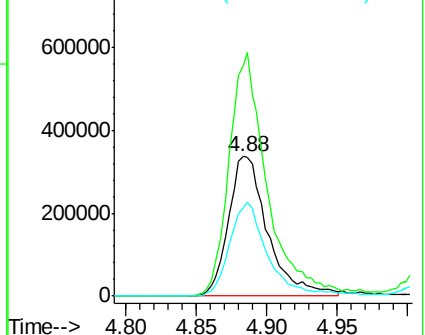
98 63.6 51.7 77.5

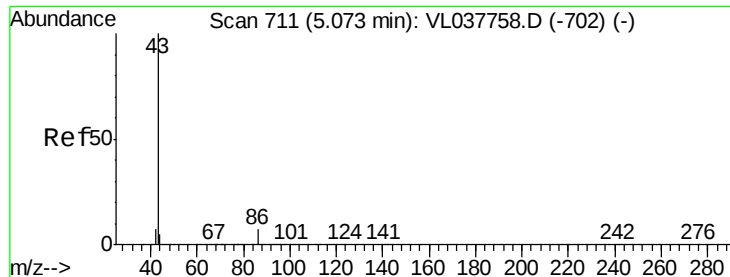


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 10.610 ppbv

RT: 5.07 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1020ABS01

Acq: 20 Oct 2021 14:02

Tgt Ion: 43 Resp: 1710543

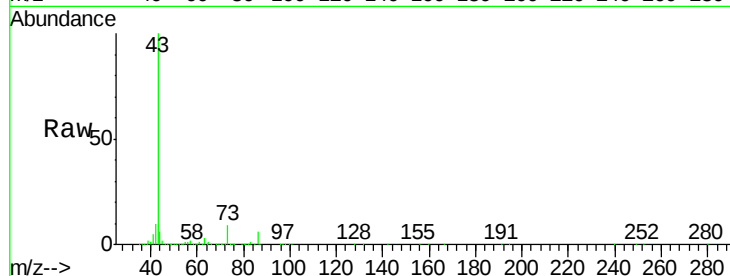
Ion Ratio Lower Upper

43 100

86 6.4 5.0 7.4

42 9.5 7.4 11.0

44 5.1 3.8 5.6

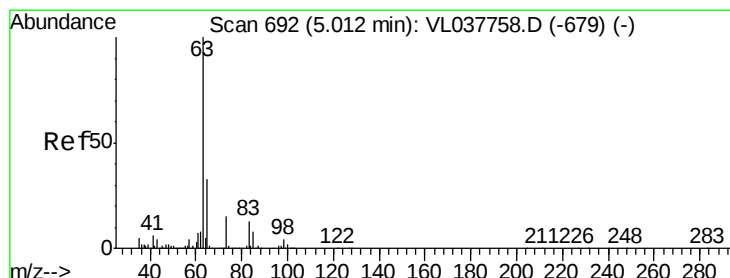
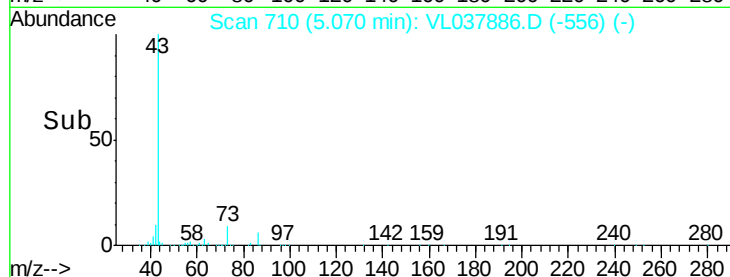
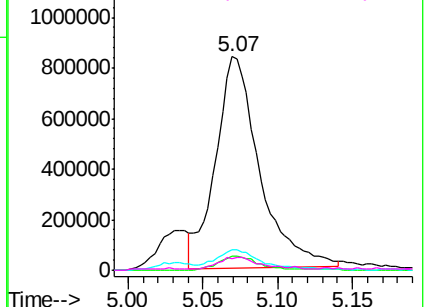


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 11.159 ppbv

RT: 5.01 min Scan# 691

Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

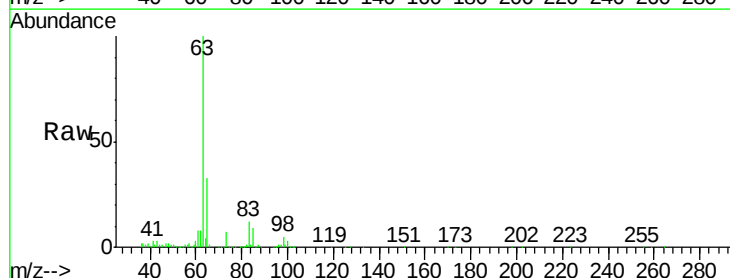
Tgt Ion: 63 Resp: 1309653

Ion Ratio Lower Upper

63 100

98 4.3 2.3 6.9

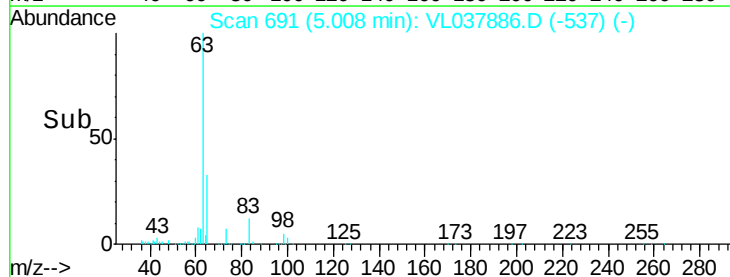
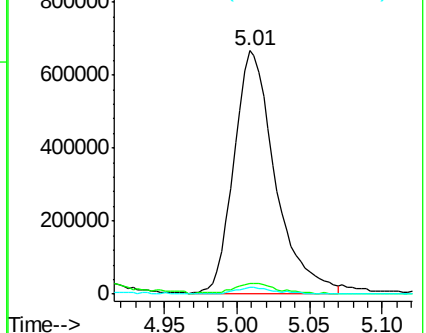
100 2.6 1.1 3.1

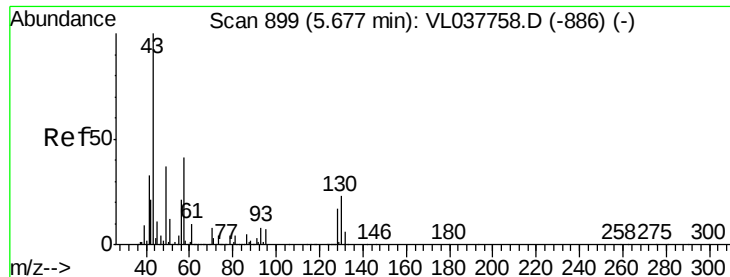


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

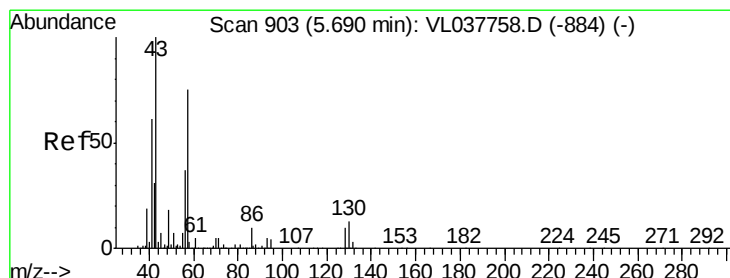
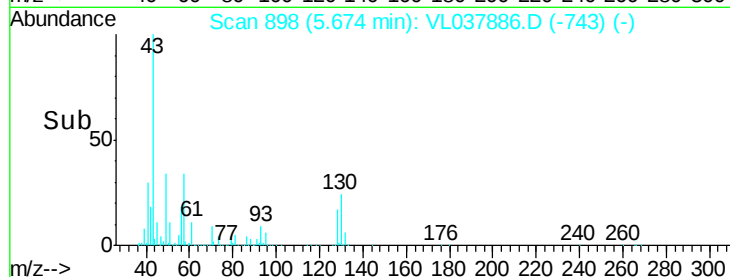
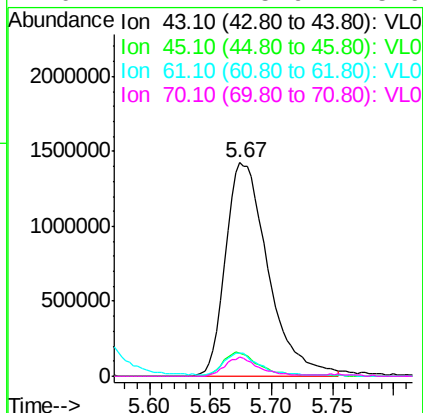
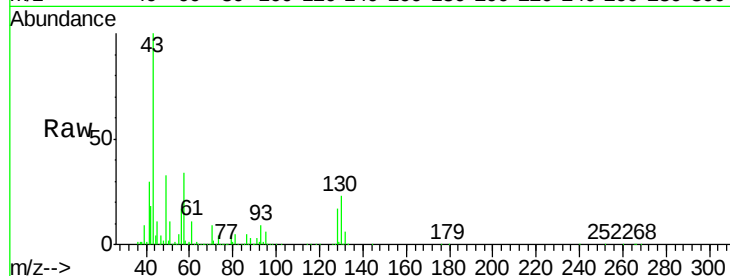




#25
Ethyl Acetate
Concen: 11.402 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1020ABS01
Acq: 20 Oct 2021 14:02

Tgt Ion: 43 Resp: 3442194

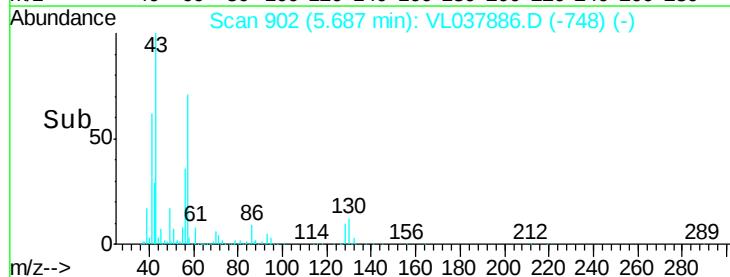
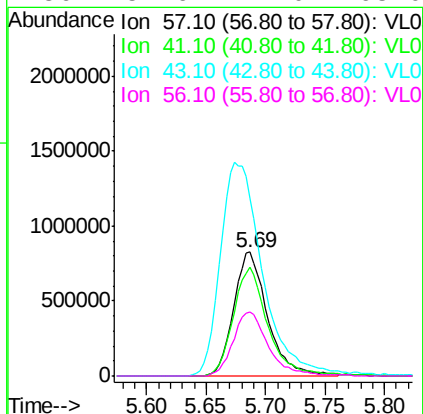
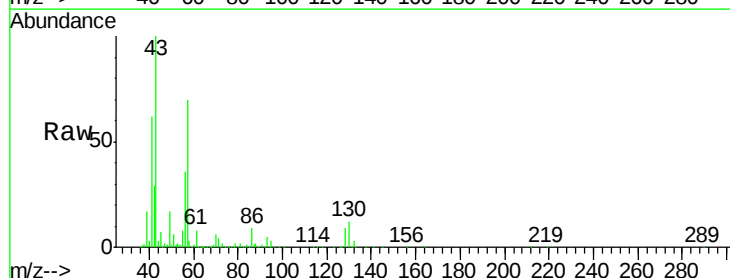
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	9.7	7.5	11.3
70	7.2	5.9	8.9

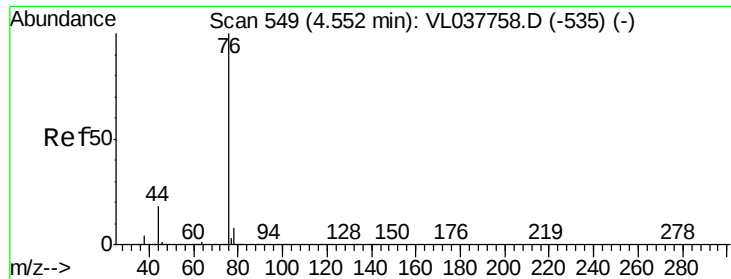


#26
Hexane
Concen: 10.964 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 57 Resp: 1629871

Ion	Ratio	Lower	Upper
57	100		
41	90.7	69.6	104.4
43	216.5	171.4	257.0
56	54.6	42.0	63.0

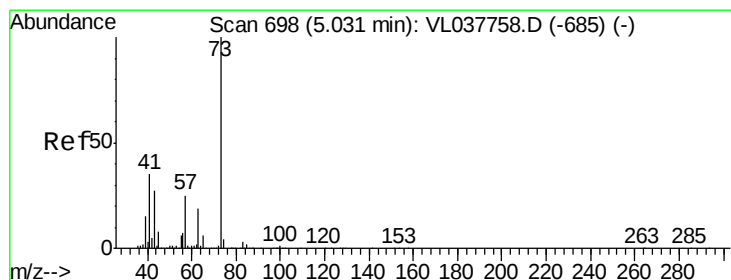
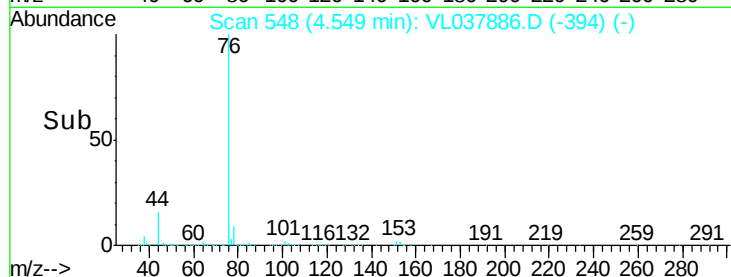
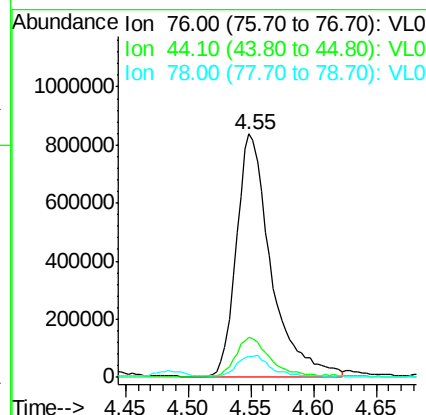
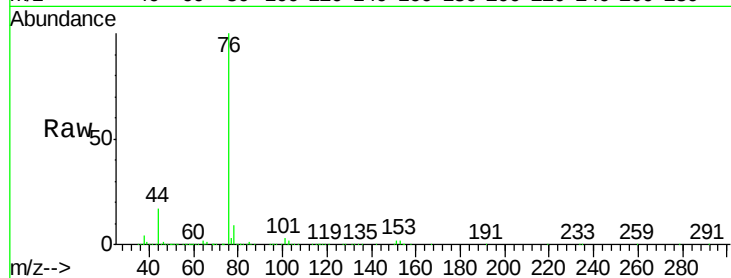




#27
Carbon Disulfide
Concen: 12.147 ppbv
RT: 4.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Oct 2021 14:02

Tgt Ion: 76 Resp: 1600258

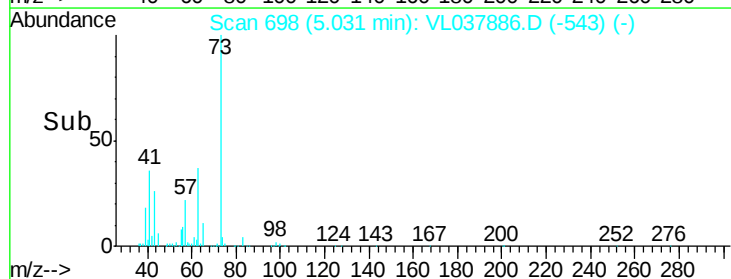
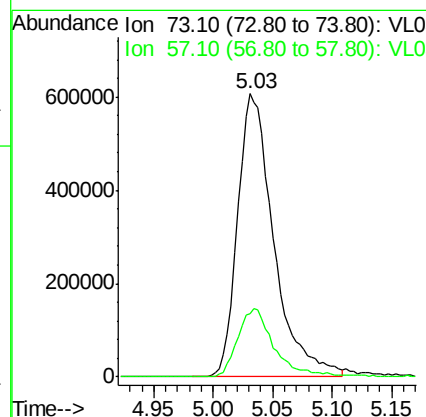
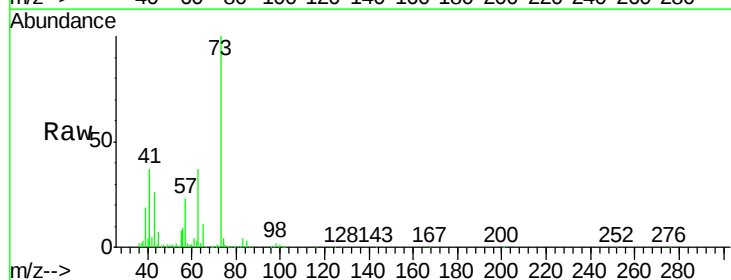
Ion	Ratio	Lower	Upper
76	100		
44	17.1	14.3	21.5
78	9.7	7.8	11.6

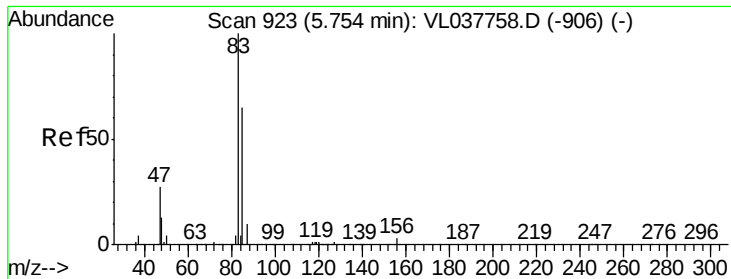


#28
Methyl tert-Butyl Ether
Concen: 10.337 ppbv
RT: 5.03 min Scan# 698
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 73 Resp: 1279379

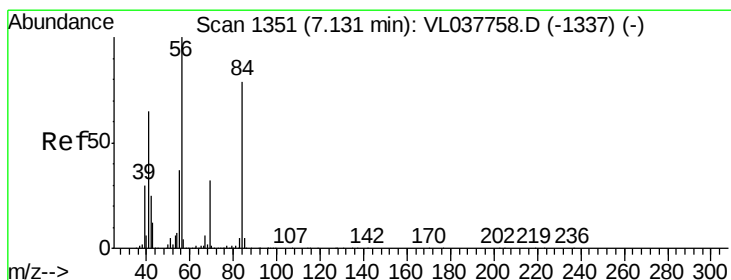
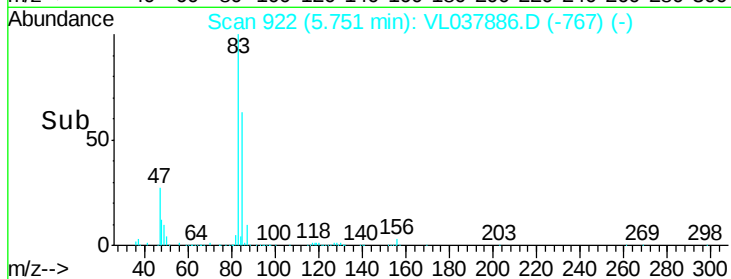
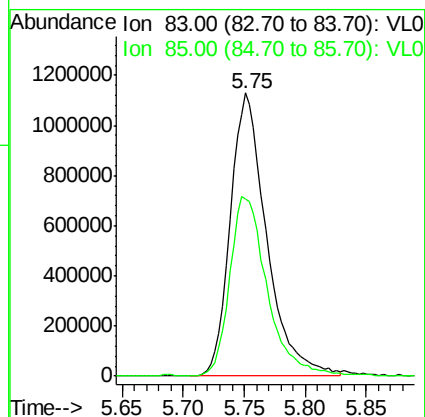
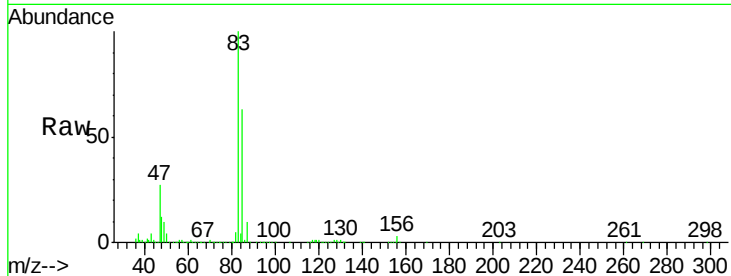
Ion	Ratio	Lower	Upper
73	100		
57	24.6	20.4	30.6





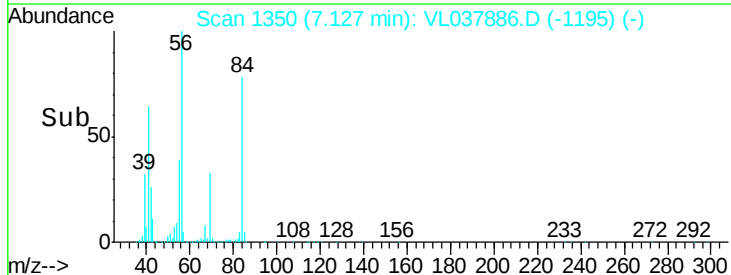
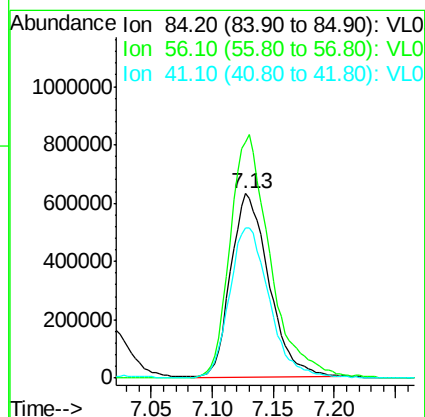
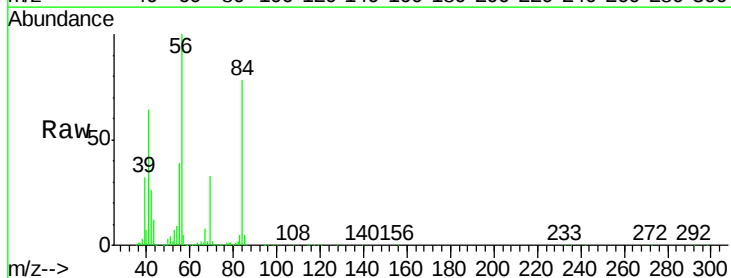
#29
Chloroform
Concen: 11.039 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL1020ABS01
Acq: 20 Oct 2021 14:02

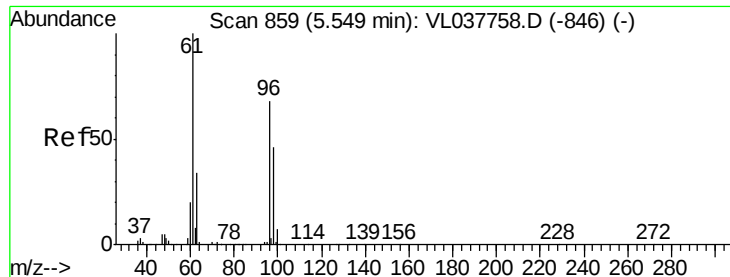
Tgt Ion: 83 Resp: 2345717
Ion Ratio Lower Upper
83 100
85 62.4 51.8 77.8



#30
Cyclohexane
Concen: 10.926 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 84 Resp: 1377363
Ion Ratio Lower Upper
84 100
56 139.5 113.0 169.4
41 85.7 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 11.068 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:02 VL1020ABS01

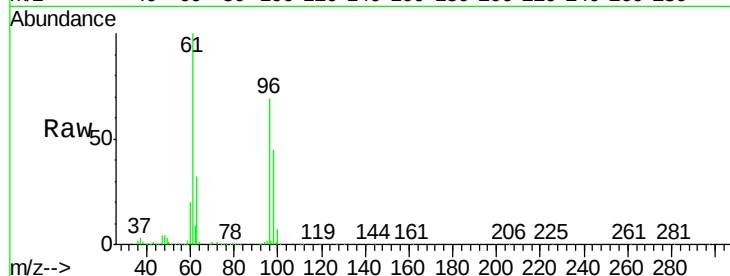
Tgt Ion: 61 Resp: 1493669

Ion Ratio Lower Upper

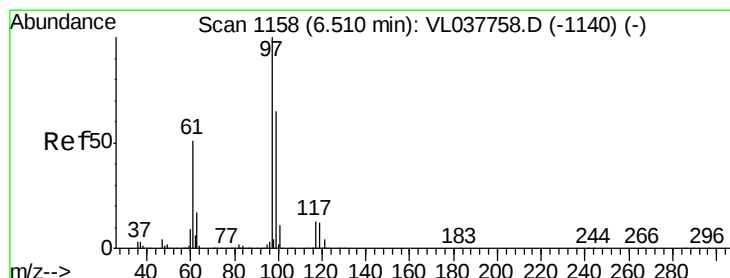
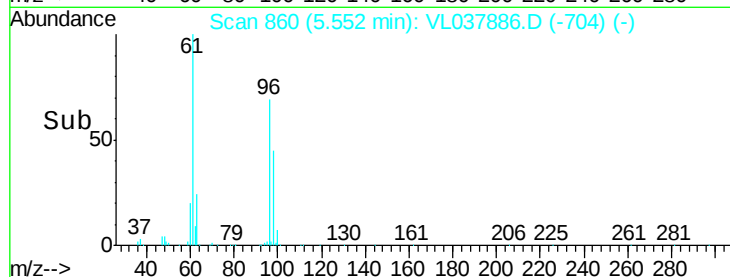
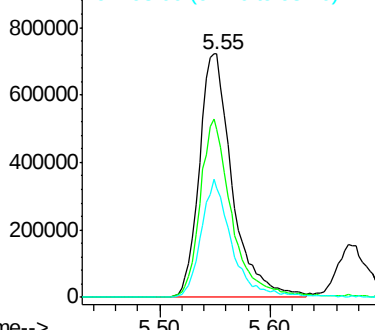
61 100

96 68.9 54.2 81.2

98 44.8 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: 10.986 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

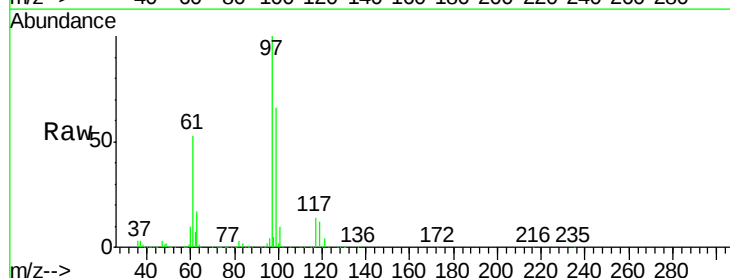
Tgt Ion: 97 Resp: 2213221

Ion Ratio Lower Upper

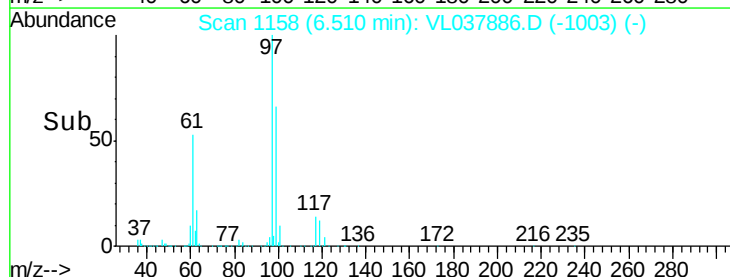
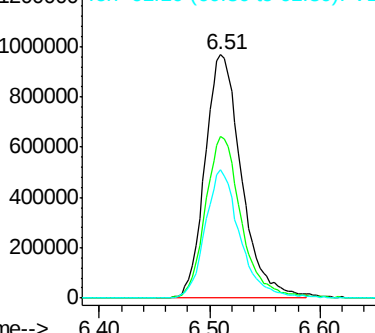
97 100

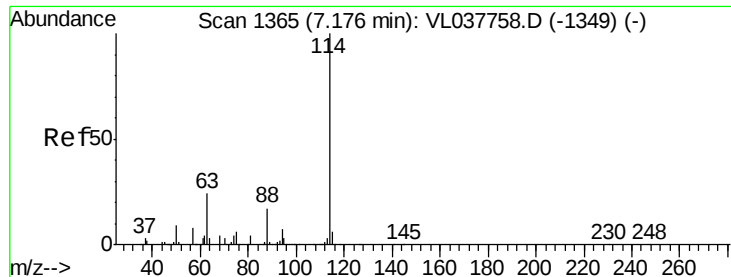
99 65.5 52.6 78.8

61 50.9 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

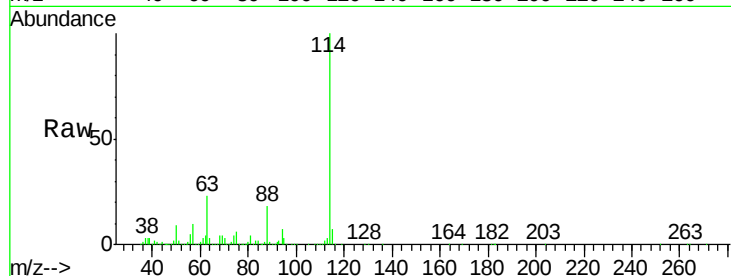




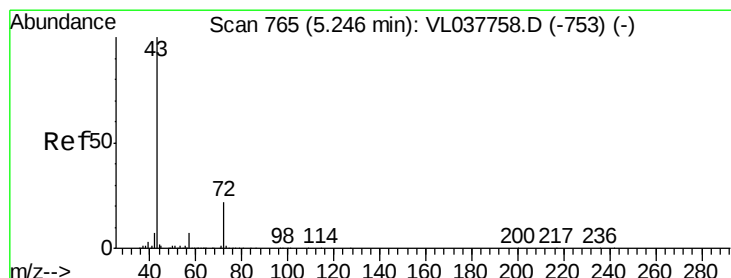
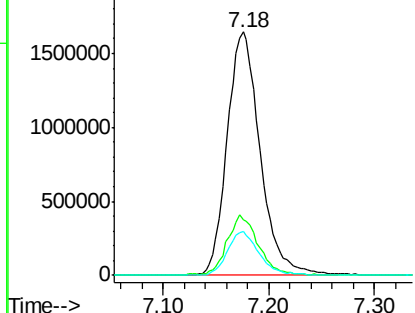
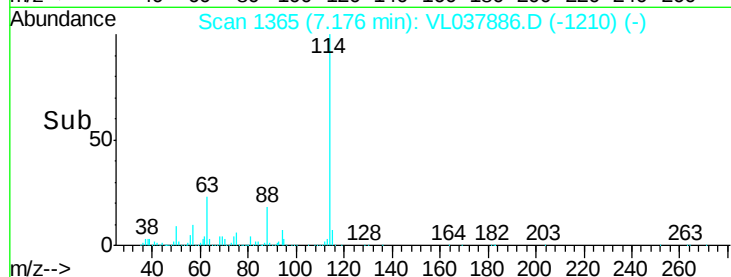
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1020ABS01
 Acq: 20 Oct 2021 14:02

Tgt Ion: 114 Resp: 3569971

Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.4	29.2
88	17.5	14.4	21.6



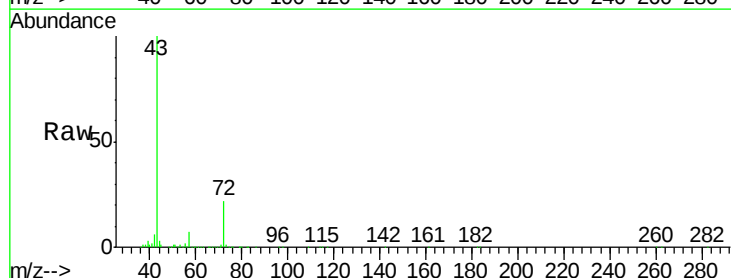
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



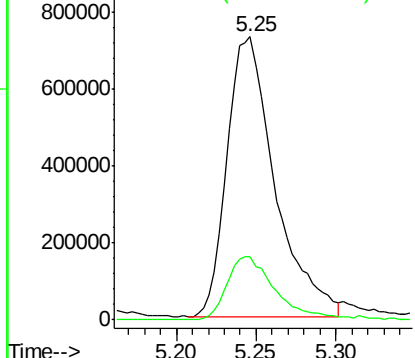
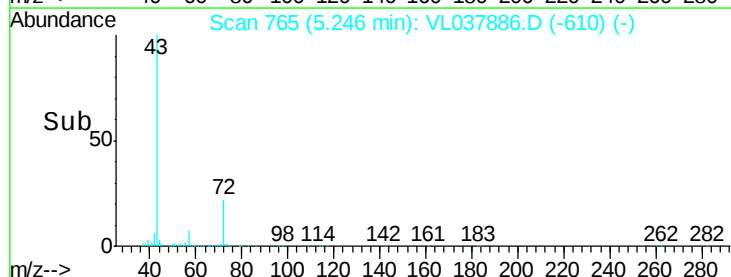
#34
 2-Butanone
 Concen: 10.327 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

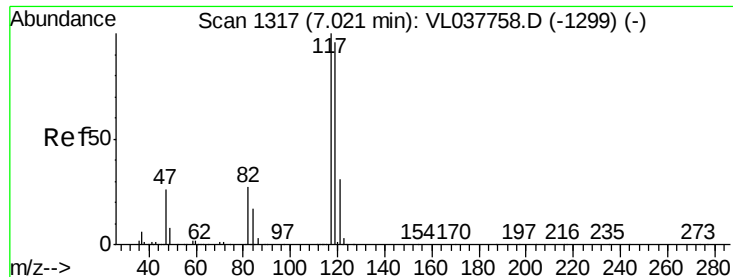
Tgt Ion: 43 Resp: 1488375

Ion	Ratio	Lower	Upper
43	100		
72	23.7	18.2	27.2



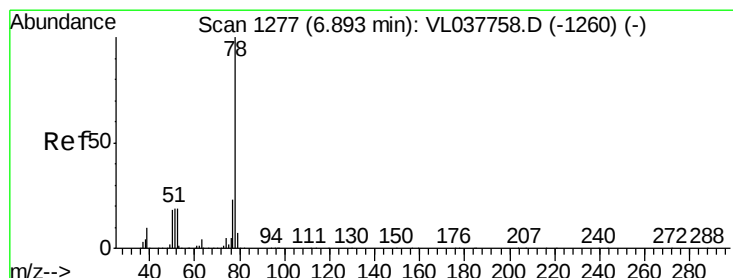
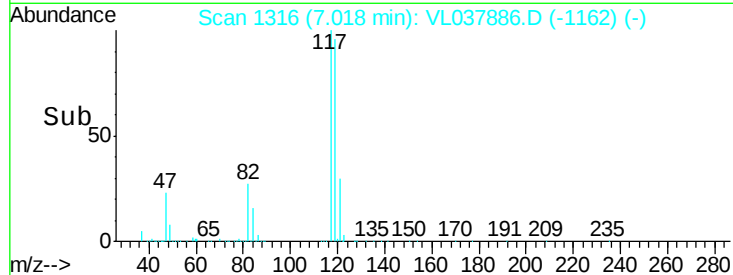
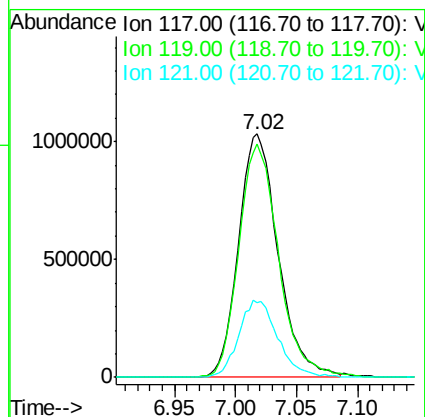
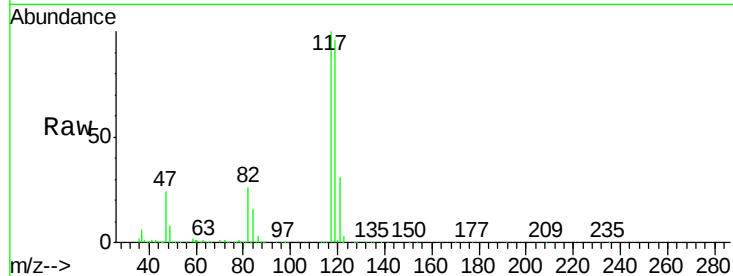
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





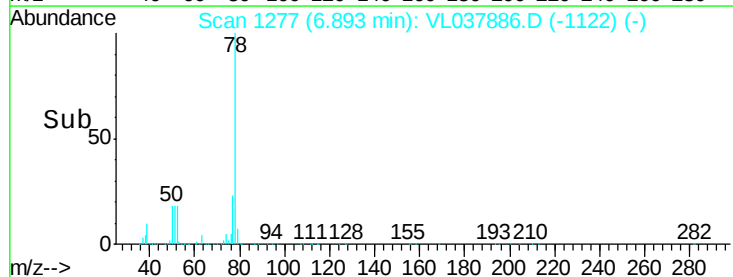
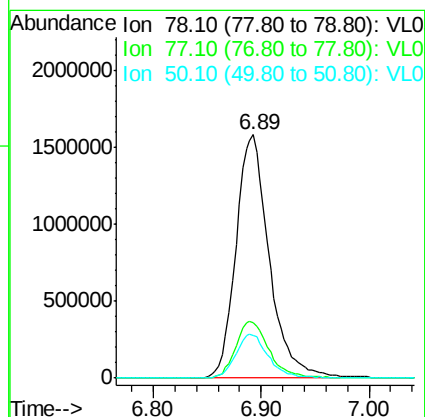
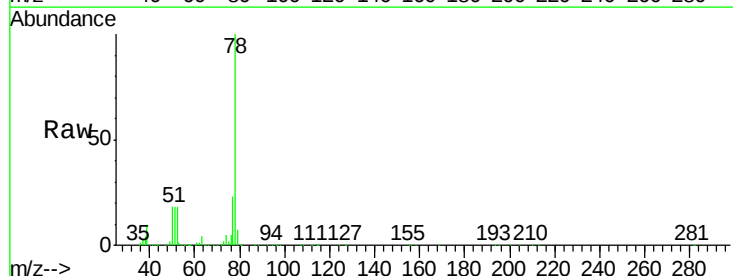
#35
Carbon Tetrachloride
Concen: 11.425 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL1020ABS01
Acq: 20 Oct 2021 14:02

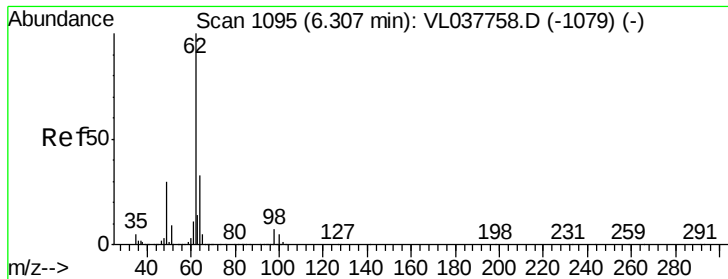
Tgt Ion:117 Resp: 2316404
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7
121 30.7 24.9 37.3



#36
Benzene
Concen: 11.133 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

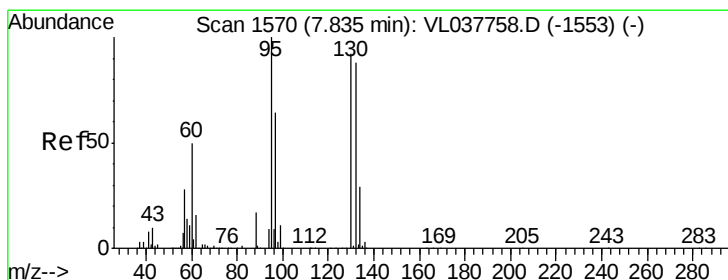
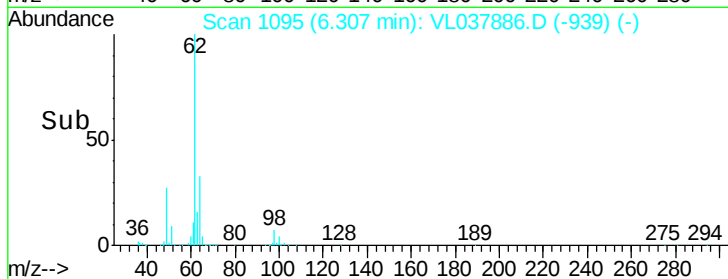
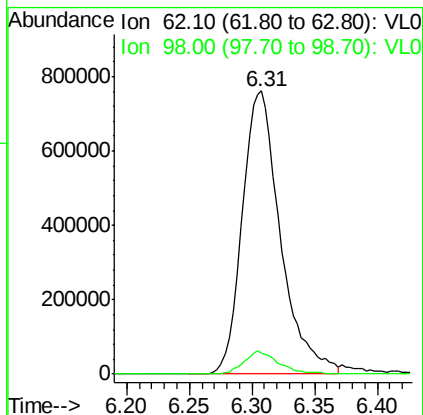
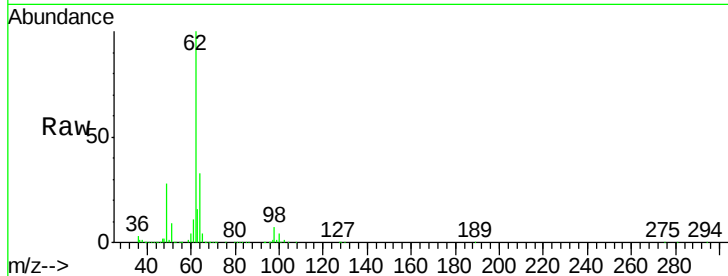
Tgt Ion: 78 Resp: 3394713
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2
50 17.7 14.7 22.1





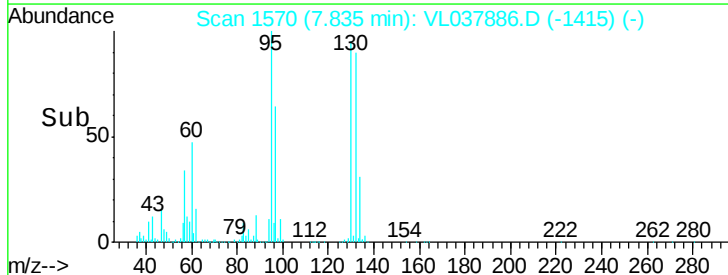
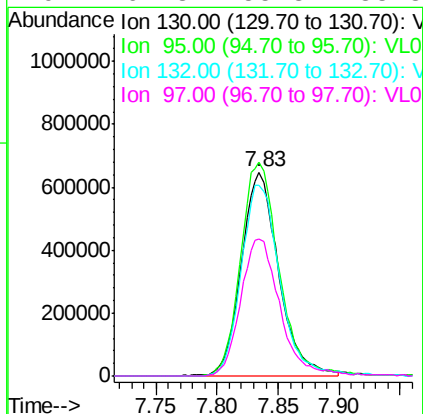
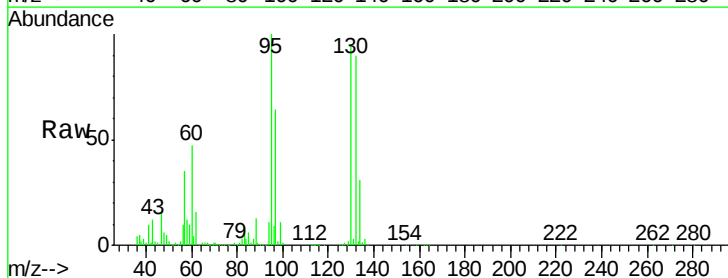
#37
 1,2-Dichloroethane
 Concen: 11.227 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1020ABS01
 Acq: 20 Oct 2021 14:02

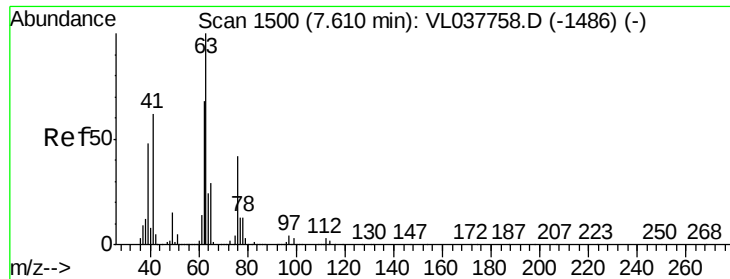
Tgt Ion: 62 Resp: 1611993
 Ion Ratio Lower Upper
 62 100
 98 7.7 6.1 9.1



#38
 Trichloroethene
 Concen: 11.253 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion: 130 Resp: 1355657
 Ion Ratio Lower Upper
 130 100
 95 105.1 87.4 131.0
 132 94.1 76.8 115.2
 97 67.3 55.8 83.8

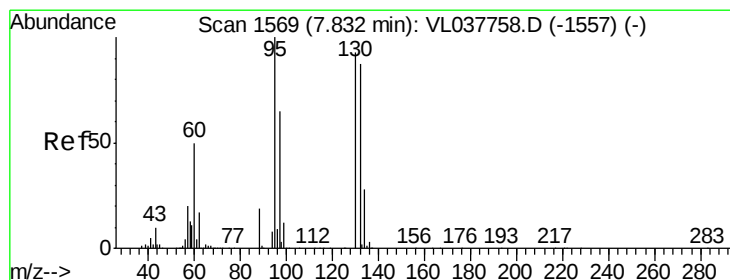
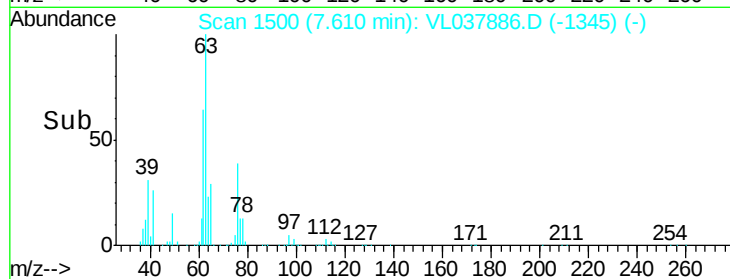
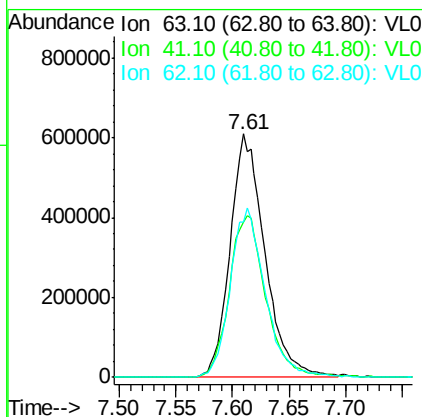
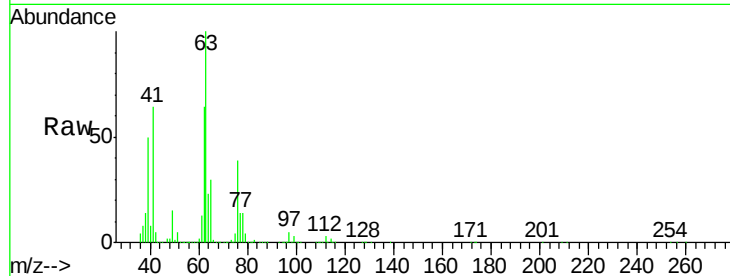




#39
 1,2-Dichloropropane
 Concen: 11.319 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1020ABS01
 Acq: 20 Oct 2021 14:02

Tgt Ion: 63 Resp: 1298281

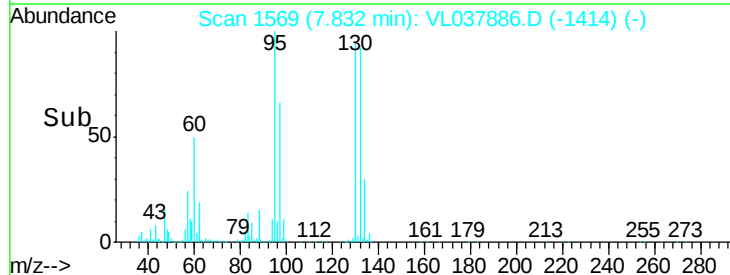
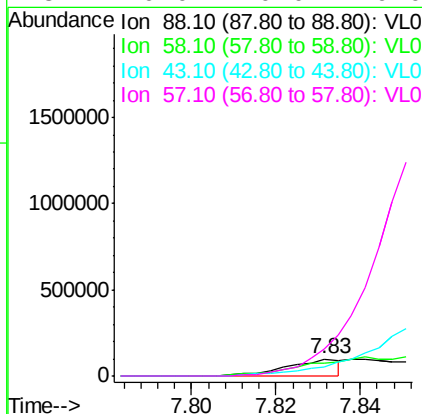
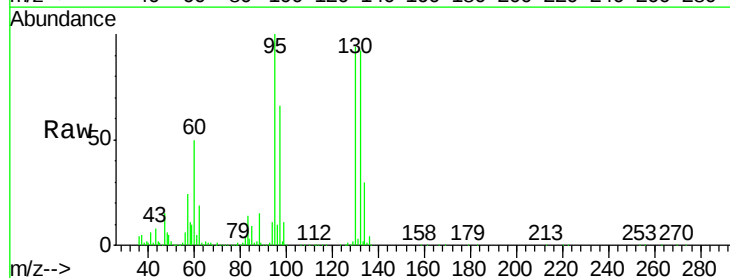
Ion	Ratio	Lower	Upper
63	100		
41	63.7	49.8	74.6
62	63.9	54.6	82.0

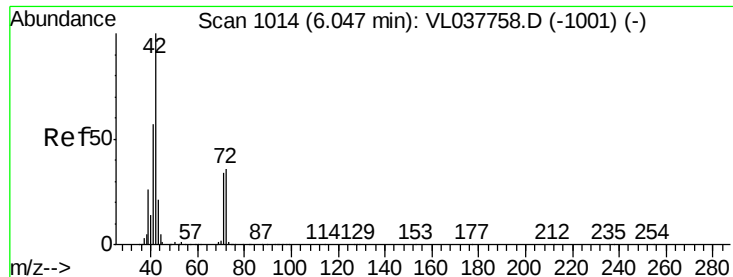


#40
 1,4-Dioxane
 Concen: 2.967 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion: 88 Resp: 85165

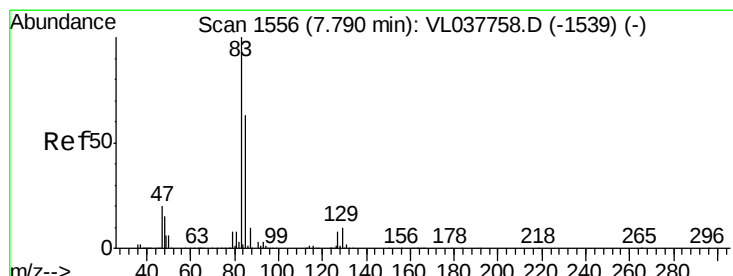
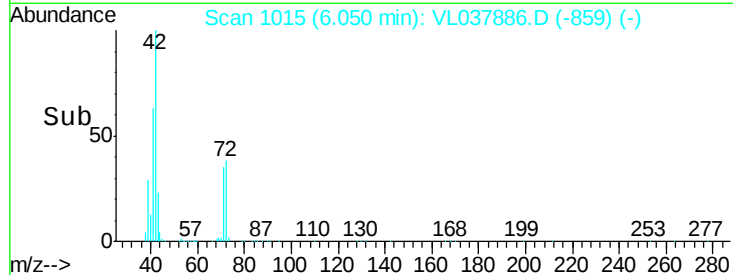
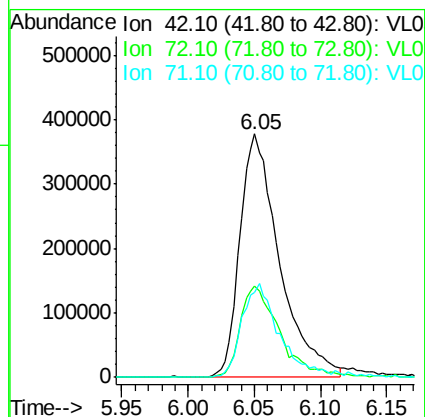
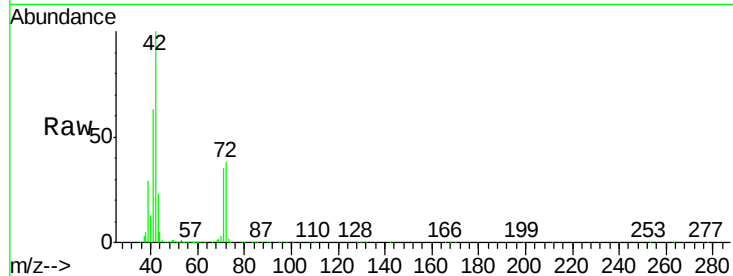
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





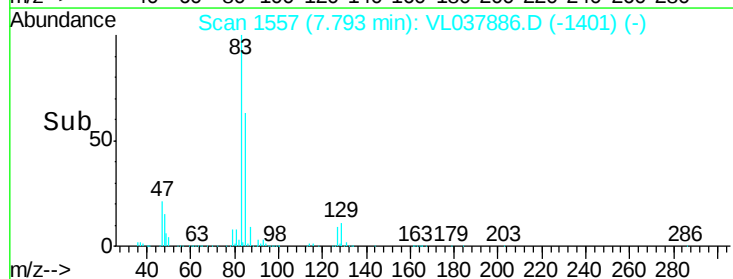
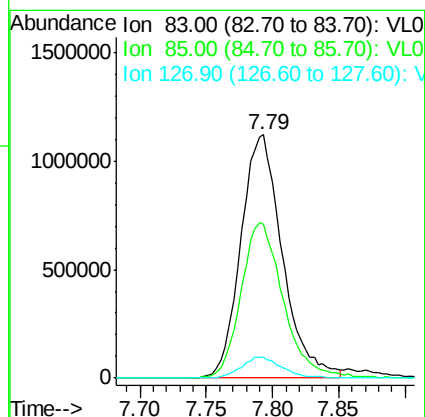
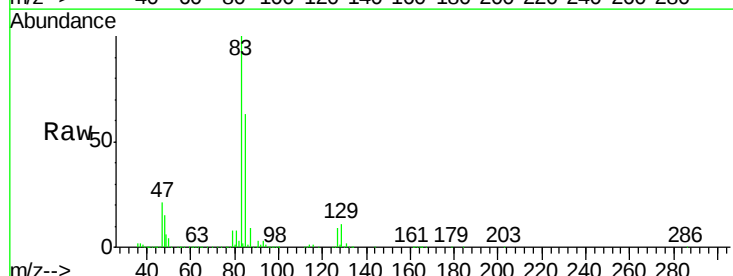
#41
 Tetrahydrofuran
 Concen: 11.152 ppbv
 RT: 6.05
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1020ABS01
 Acq: 20 Oct 2021 14:02

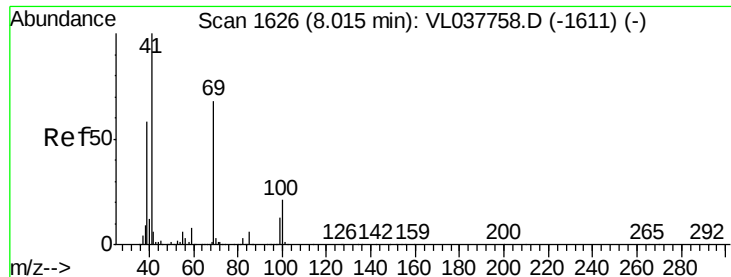
Tgt Ion:	42	Resp:	787015
Ion	Ratio	Lower	Upper
42	100		
72	38.2	31.9	47.9
71	37.6	30.3	45.5



#42
 Bromodichloromethane
 Concen: 11.609 ppbv
 RT: 7.79 min Scan# 1557
 Delta R.T.: 0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

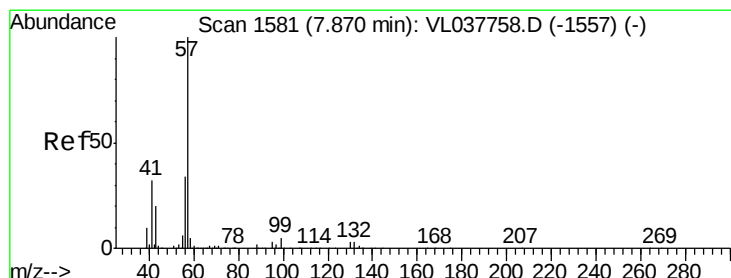
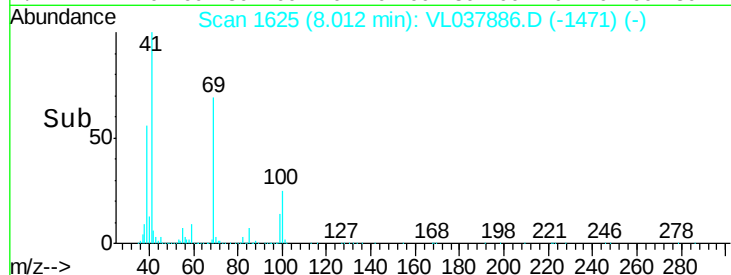
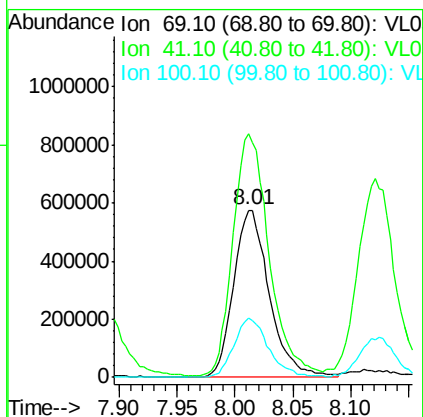
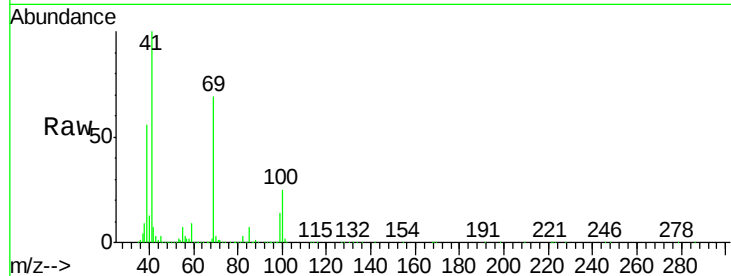
Tgt Ion:	83	Resp:	2448238
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	75.8
127	8.5	6.2	9.4





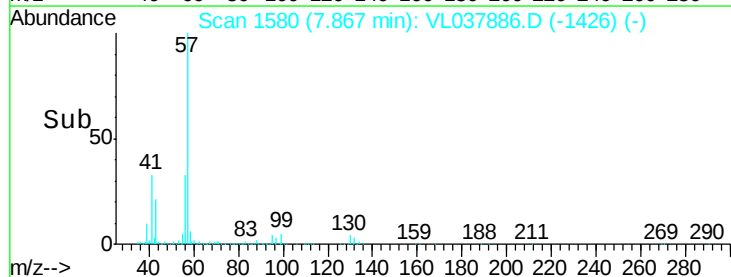
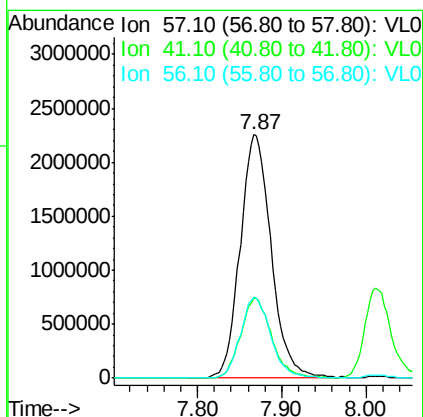
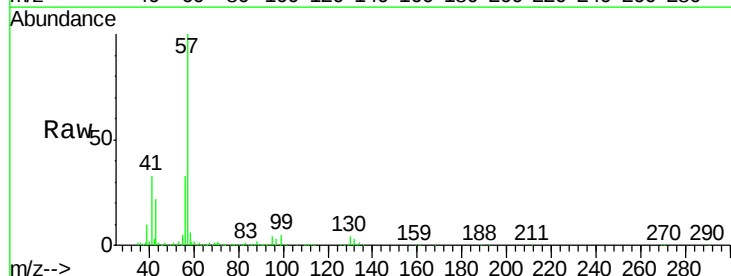
#43
Methyl Methacrylate
Concen: 12.281 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Oct 2021 14:02

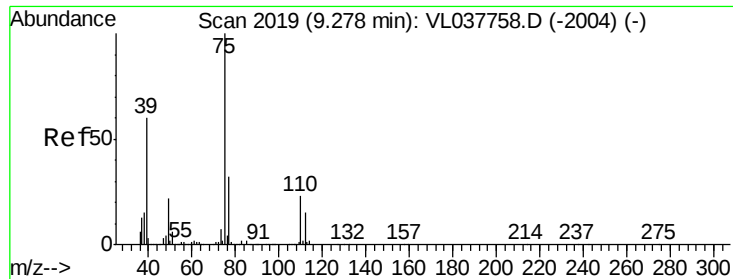
Tgt Ion: 69 Resp: 1223125
Ion Ratio Lower Upper
69 100
41 148.4 121.0 181.4
100 34.7 27.7 41.5



#44
2,2,4-Trimethylpentane
Concen: 11.280 ppbv
RT: 7.87 min Scan# 1580
Delta R.T.: -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

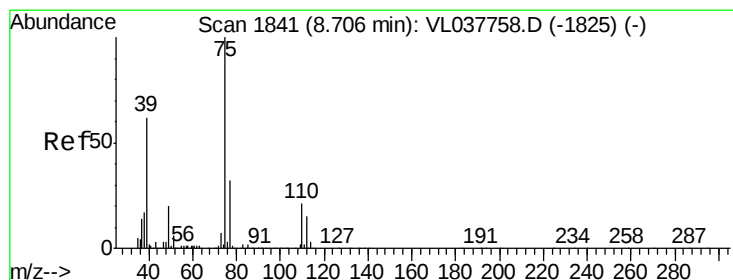
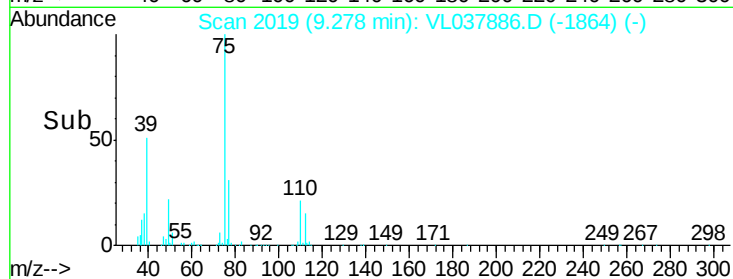
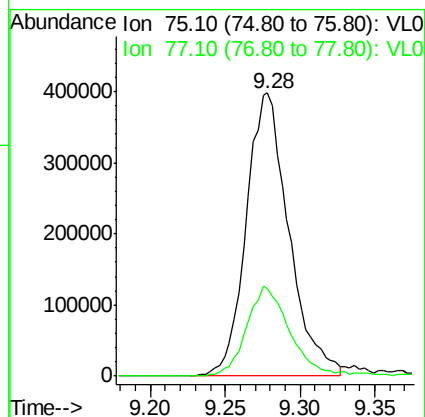
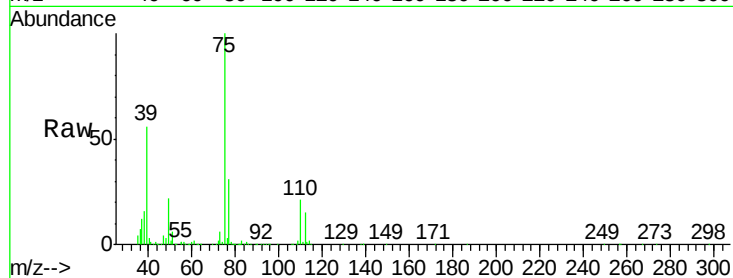
Tgt Ion: 57 Resp: 5778924
Ion Ratio Lower Upper
57 100
41 32.8 25.6 38.4
56 32.4 25.5 38.3





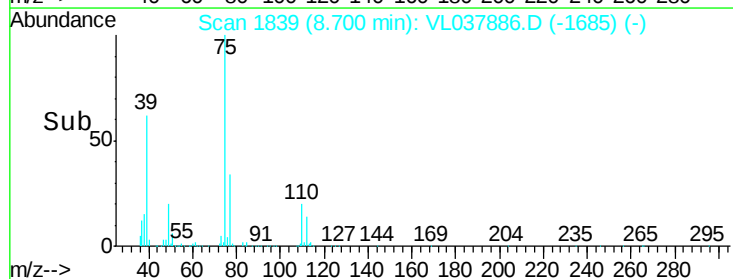
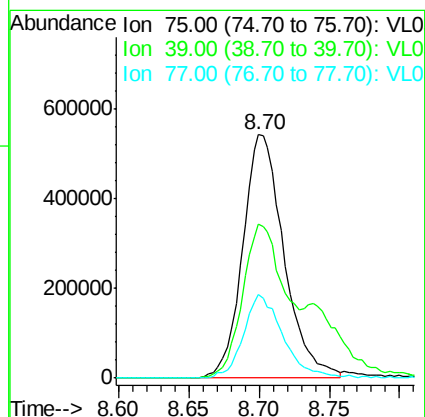
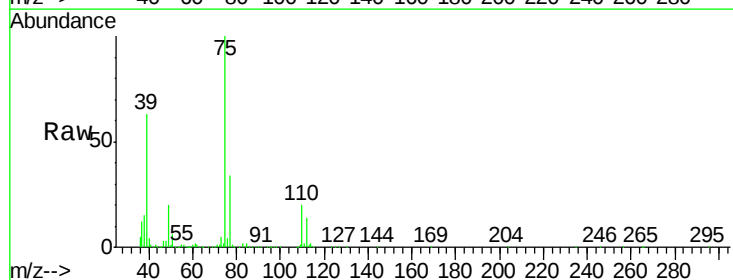
#45
 t-1,3-Dichloropropene
 Concen: 11.474 ppbv
 RT: 9.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1020ABS01
 Acq: 20 Oct 2021 14:02

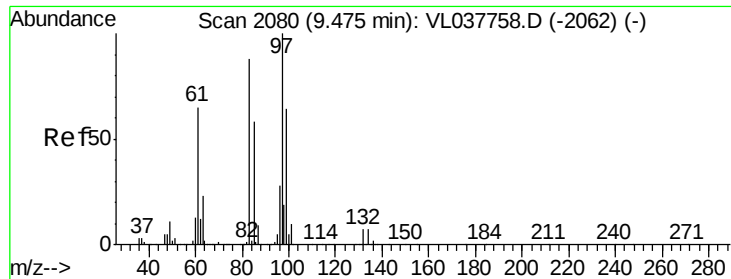
Tgt Ion: 75 Resp: 786299
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8



#46
 cis-1,3-Dichloropropene
 Concen: 11.707 ppbv
 RT: 8.70 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

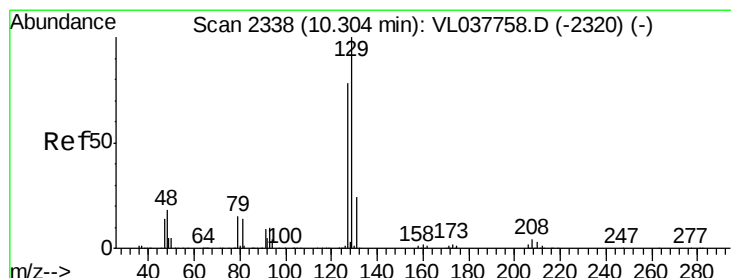
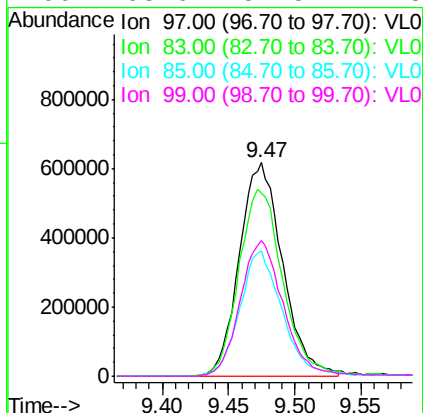
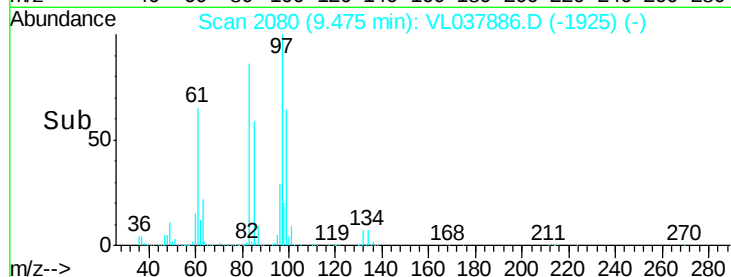
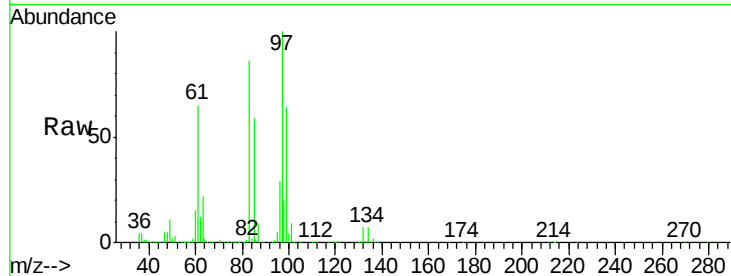
Tgt Ion: 75 Resp: 1112025
 Ion Ratio Lower Upper
 75 100
 39 63.0 49.9 74.9
 77 34.1 25.9 38.9





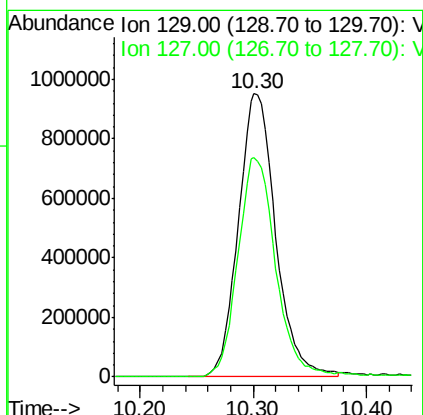
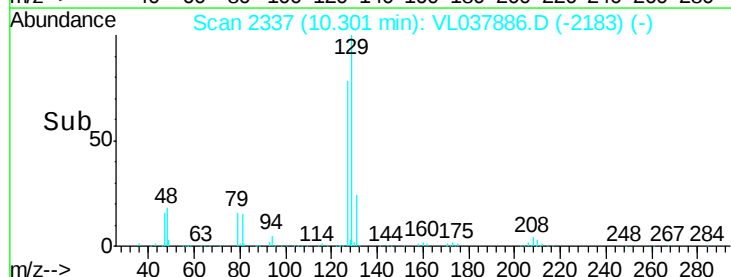
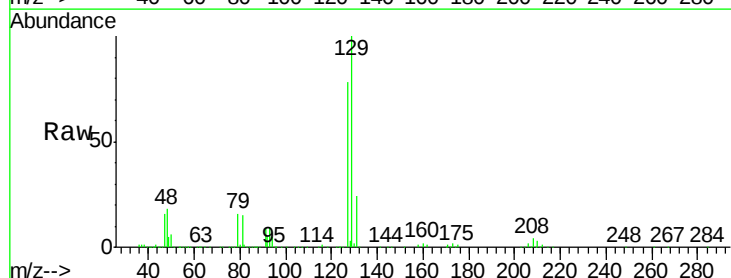
#47
 1,1,2-Trichloroethane
 Concen: 11.208 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1020ABS01
 Acq: 20 Oct 2021 14:02

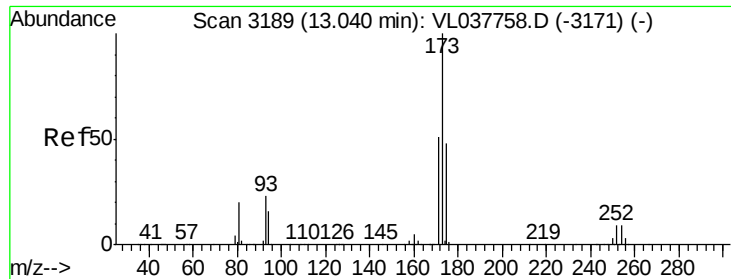
Tgt Ion:	97	Resp:	1397446
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.6	105.8
85	58.5	45.9	68.9
99	63.6	51.5	77.3



#48
 Dibromochloromethane
 Concen: 12.282 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion:	129	Resp:	2183125
Ion	Ratio	Lower	Upper
129	100		
127	79.8	39.5	118.5





#49

Bromoform

Concen: 13.010 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:02

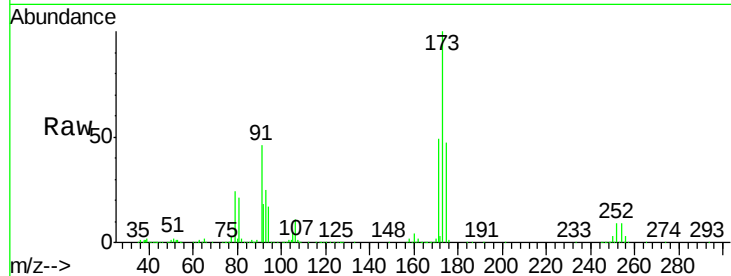
Tgt Ion: 173 Resp: 1769454

Ion Ratio Lower Upper

173 100

175 54.3 39.9 59.9

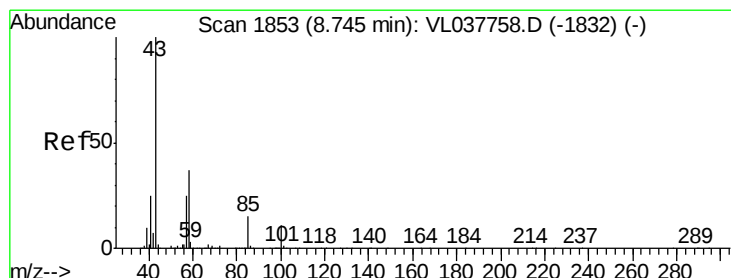
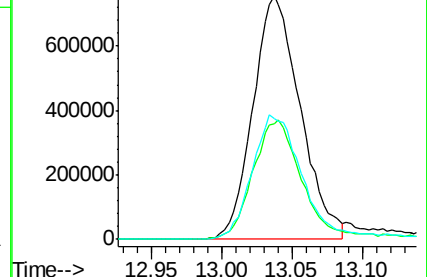
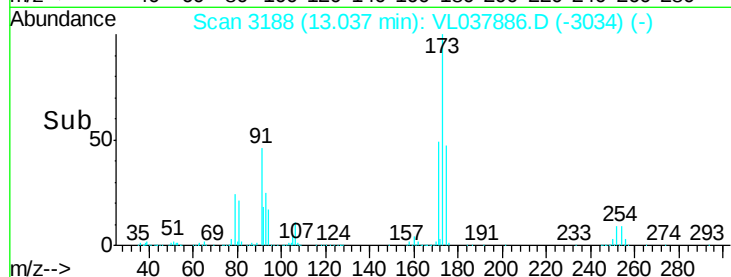
171 57.7 43.4 65.2



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: 12.252 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VL037886.D

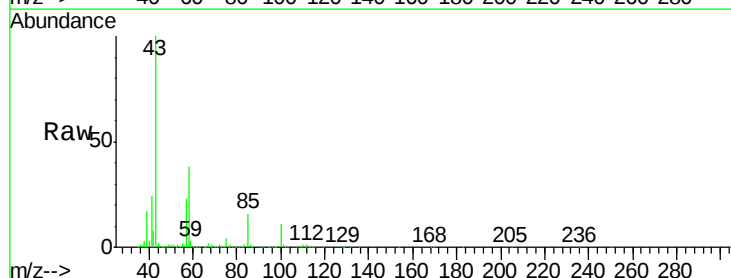
Acq: 20 Oct 2021 14:02

Tgt Ion: 43 Resp: 2298748

Ion Ratio Lower Upper

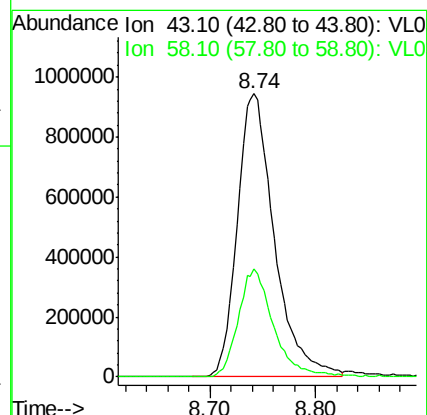
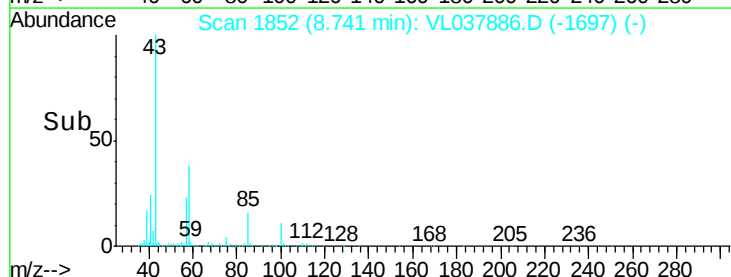
43 100

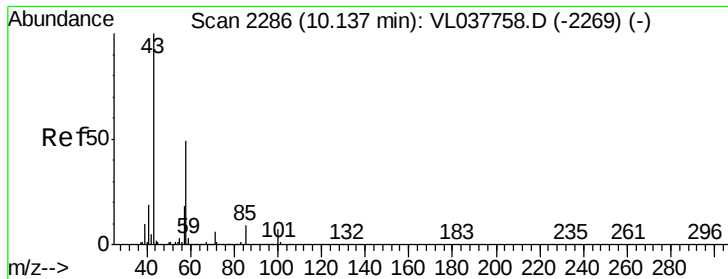
58 36.6 29.4 44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

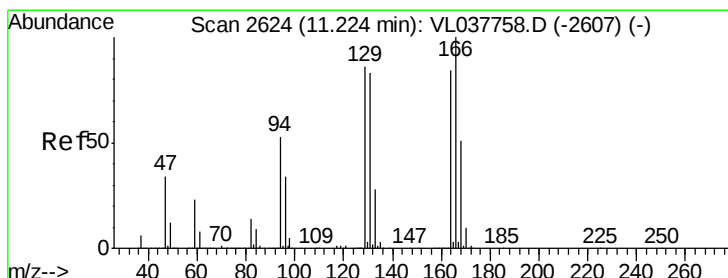
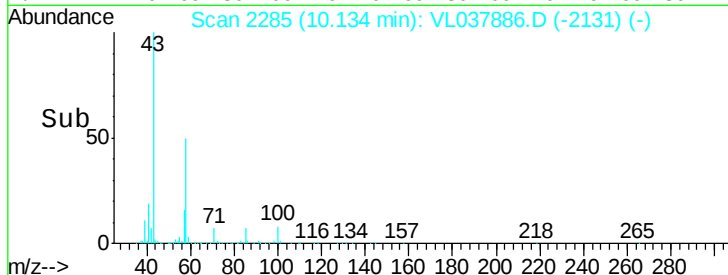
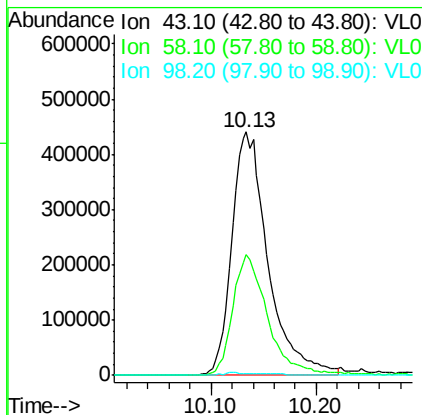
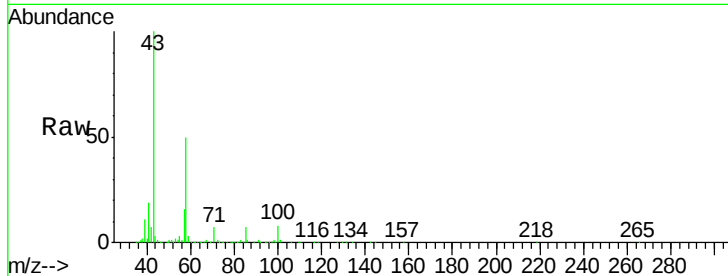




#51
2-Hexanone
Concen: 12.548 ppbv
RT: 10.13 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL1020ABS01
Acq: 20 Oct 2021 14:02

Tgt Ion: 43 Resp: 1050973

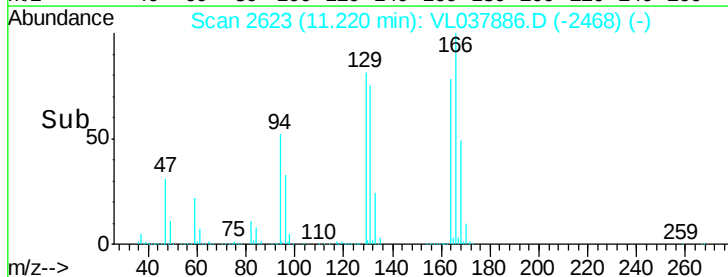
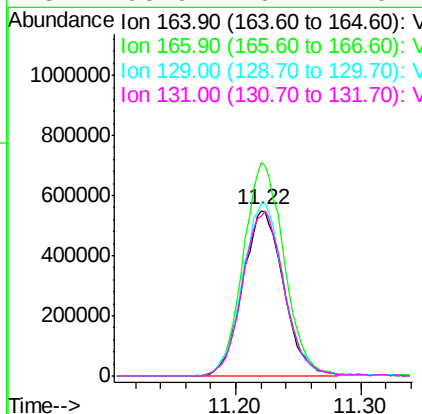
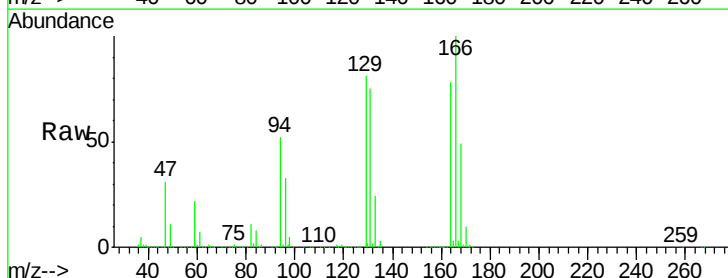
Ion	Ratio	Lower	Upper
43	100		
58	48.5	39.4	59.0
98	1.4	0.3	0.5#

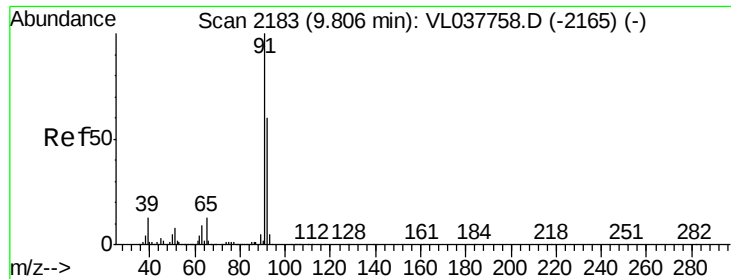


#52
Tetrachloroethene
Concen: 10.494 ppbv
RT: 11.22 min Scan# 2623
Delta R.T.: -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 164 Resp: 1244986

Ion	Ratio	Lower	Upper
164	100		
166	128.8	95.4	143.2
129	104.3	82.2	123.4
131	96.9	79.4	119.2





#53

Toluene

Concen: 11.797 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

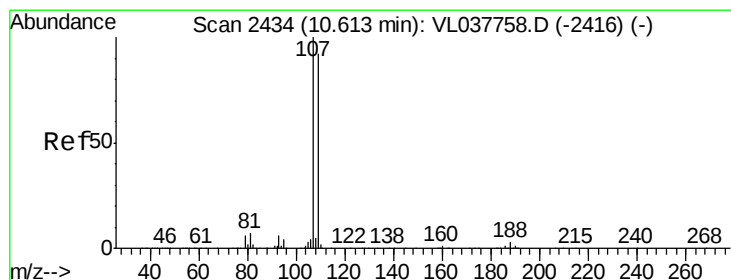
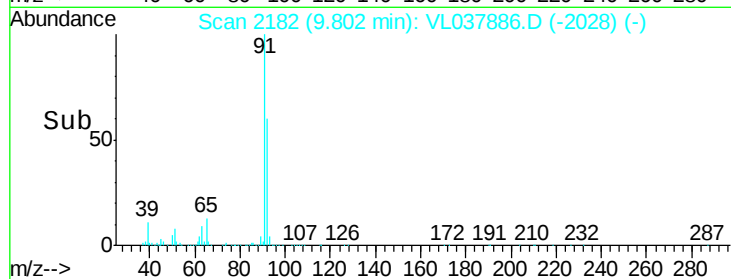
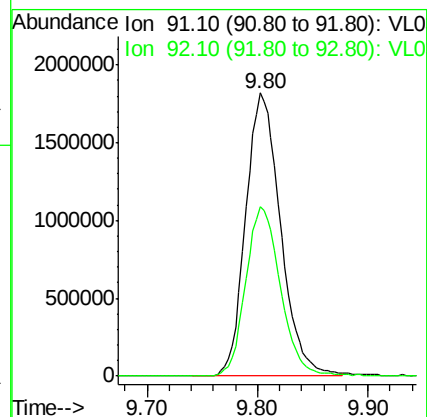
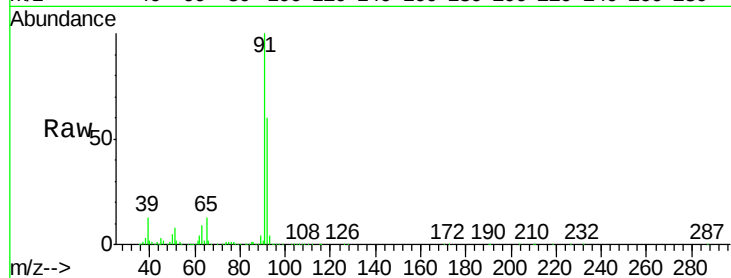
Acq: 20 Oct 2021 14:02 VL1020ABS01

Tgt Ion: 91 Resp: 3986642

Ion Ratio Lower Upper

91 100

92 59.8 48.4 72.6



#54

1,2-Dibromoethane

Concen: 11.423 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.00 min

Lab File: VL037886.D

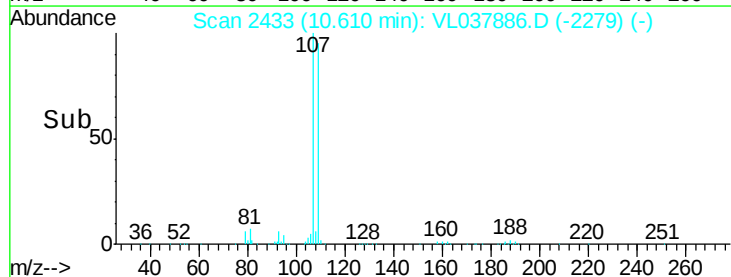
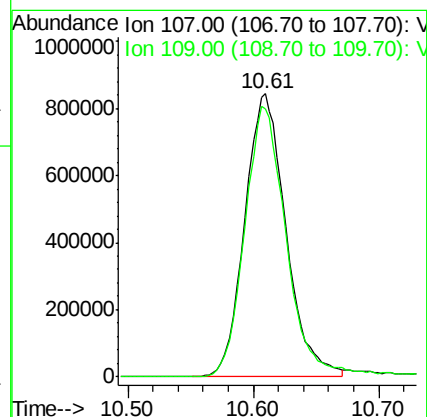
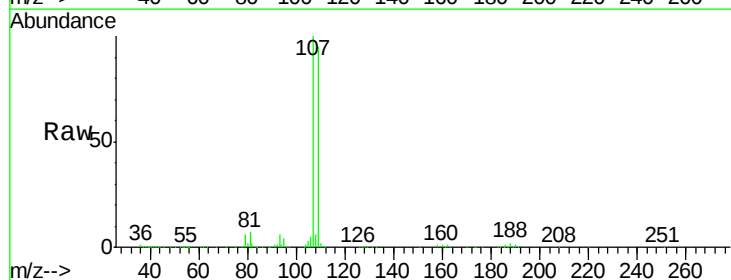
Acq: 20 Oct 2021 14:02

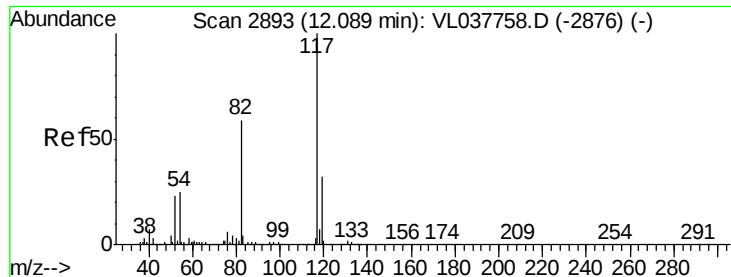
Tgt Ion: 107 Resp: 1923952

Ion Ratio Lower Upper

107 100

109 94.5 73.8 110.6

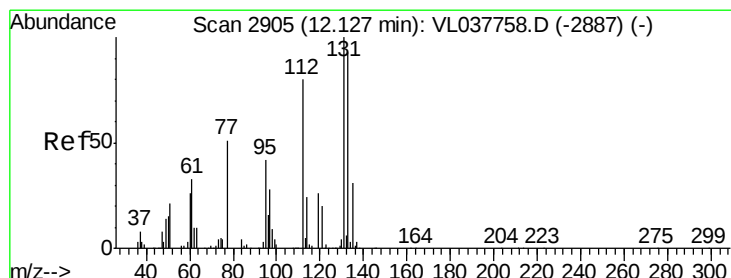
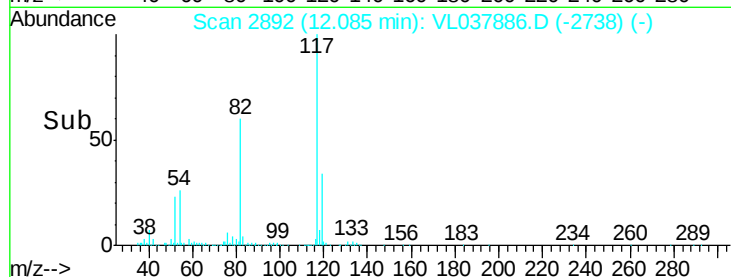
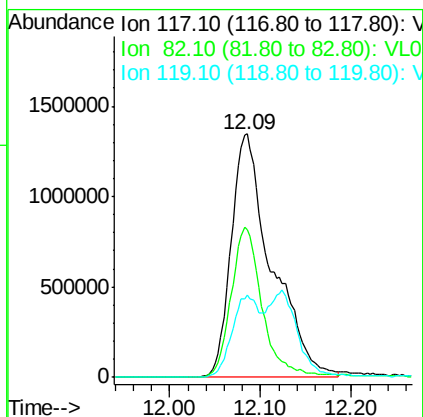
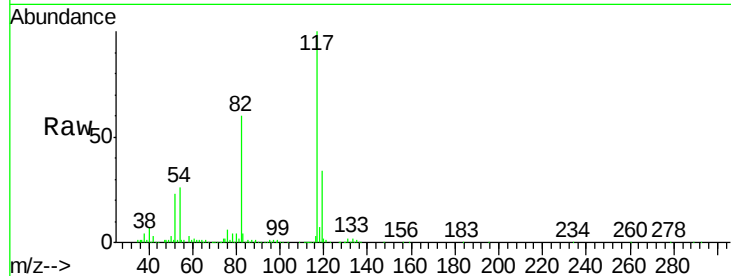




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1020ABS01
 Acq: 20 Oct 2021 14:02

Tgt Ion:117 Resp: 4167431

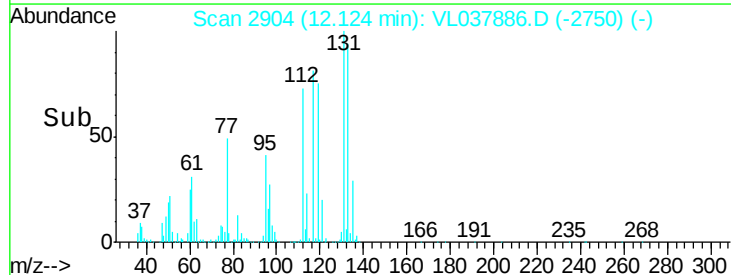
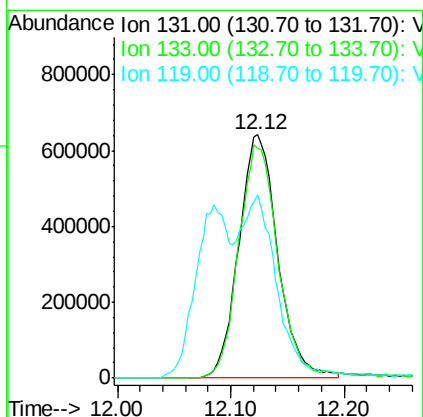
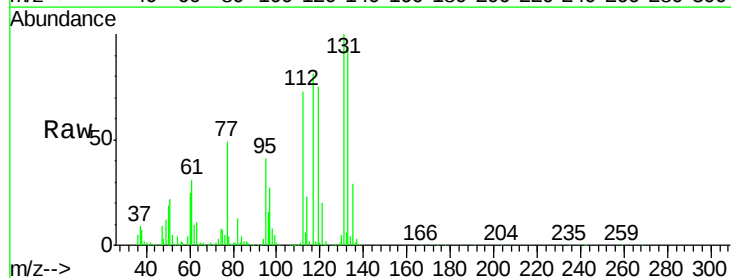
Ion	Ratio	Lower	Upper
117	100		
82	48.2	52.2	78.2#
119	22.7	26.0	39.0#

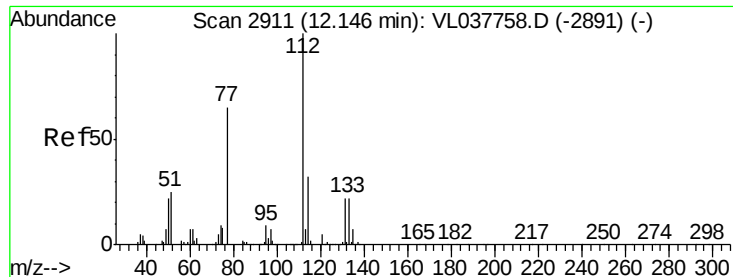


#56
 1,1,1,2-Tetrachloroethane
 Concen: 8.914 ppbv
 RT: 12.12 min Scan# 2904
 Delta R.T.: -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion:131 Resp: 1537915

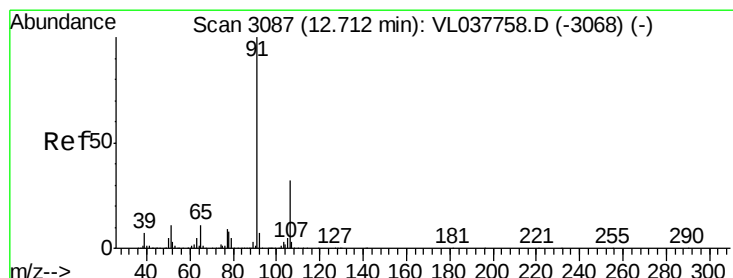
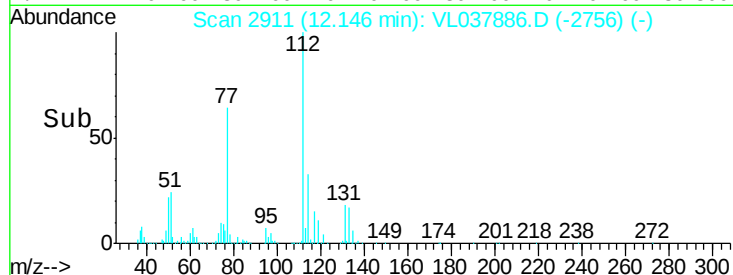
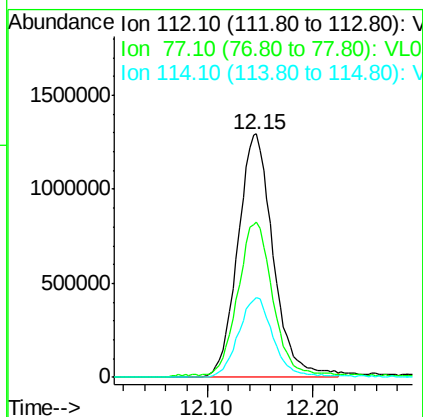
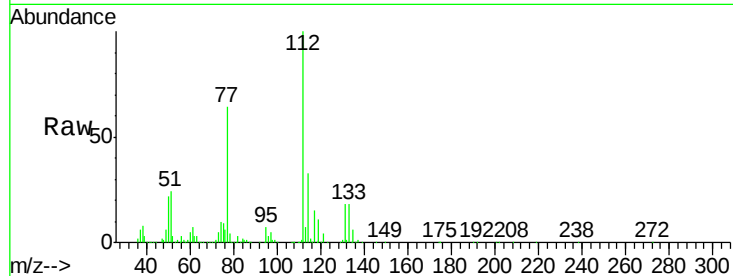
Ion	Ratio	Lower	Upper
131	100		
133	99.3	78.5	117.7
119	76.8	51.7	77.5





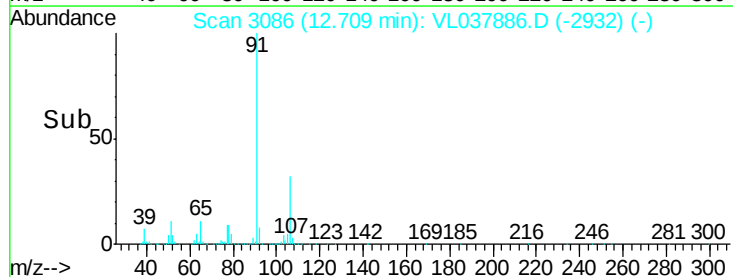
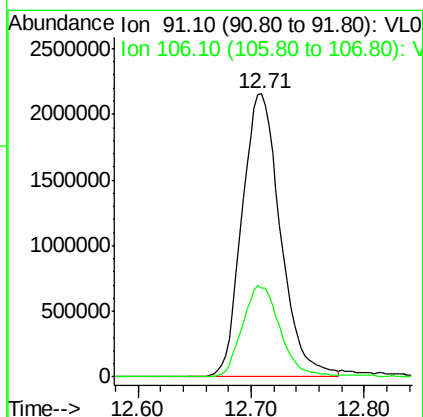
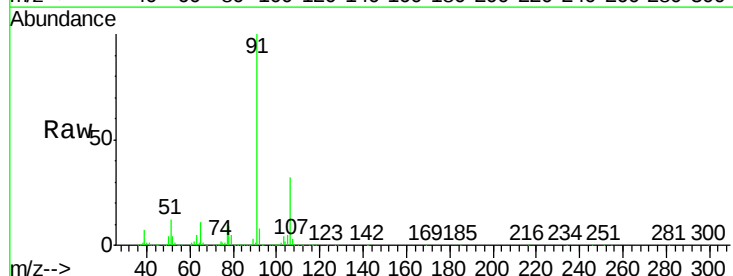
#57
Chlorobenzene
Concen: 8.832 ppbv
RT: 12.15
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL1020ABS01
Acq: 20 Oct 2021 14:02

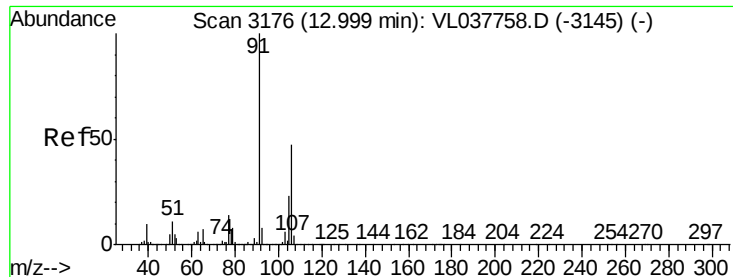
Tgt Ion: 112 Resp: 3019283
Ion Ratio Lower Upper
112 100
77 62.9 51.8 77.8
114 32.9 28.8 35.2



#58
Ethyl Benzene
Concen: 9.107 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

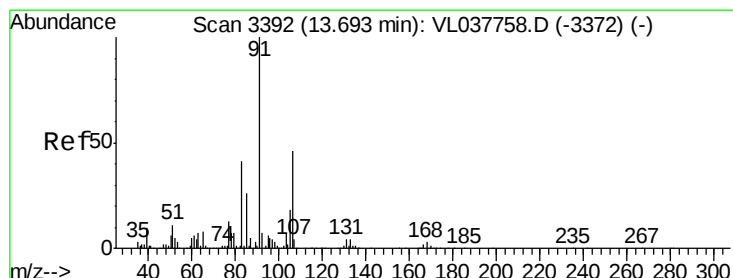
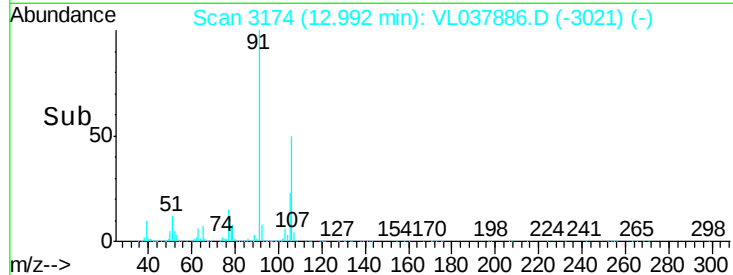
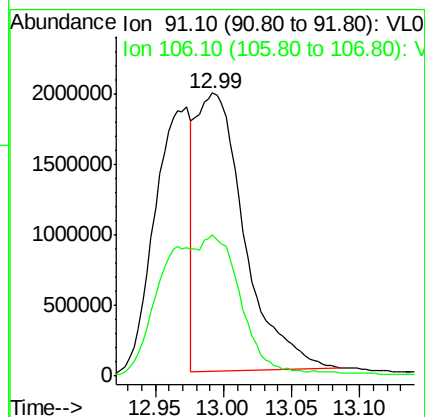
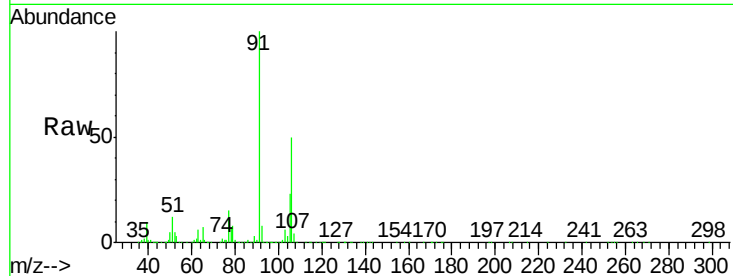
Tgt Ion: 91 Resp: 5096459
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9





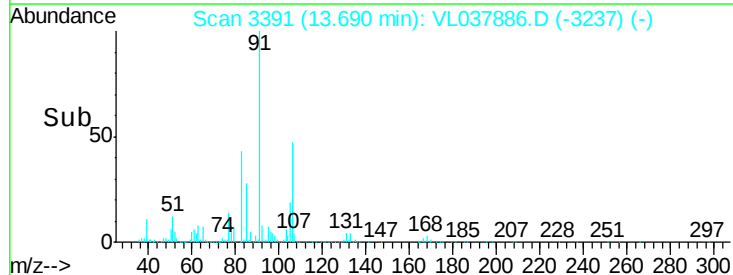
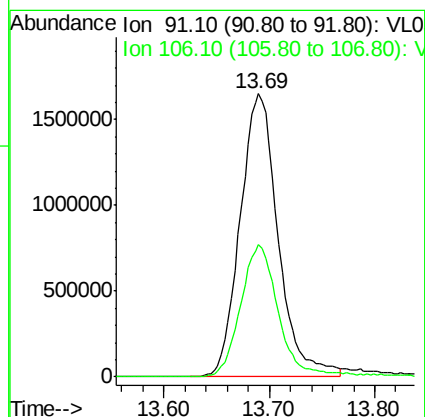
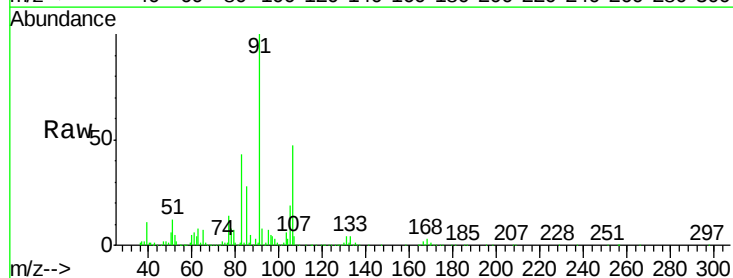
#59
m/p-Xylene
Concen: 10.138 ppbv
RT: 12.99 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL1020ABS01
Acq: 20 Oct 2021 14:02

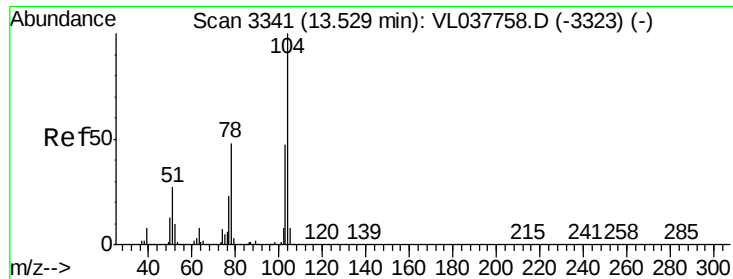
Tgt Ion: 91 Resp: 4869797
Ion Ratio Lower Upper
91 100
106 84.2 36.7 55.1#



#60
o-Xylene
Concen: 8.941 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

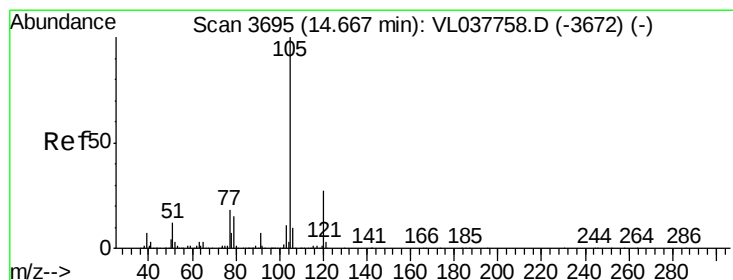
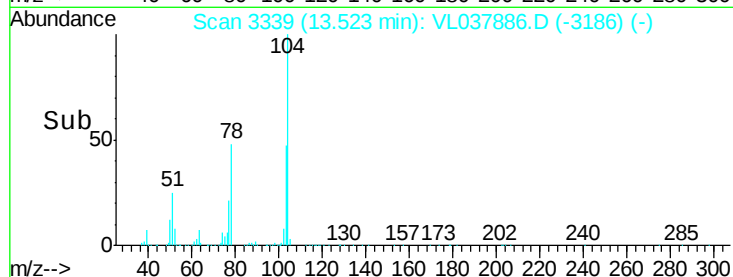
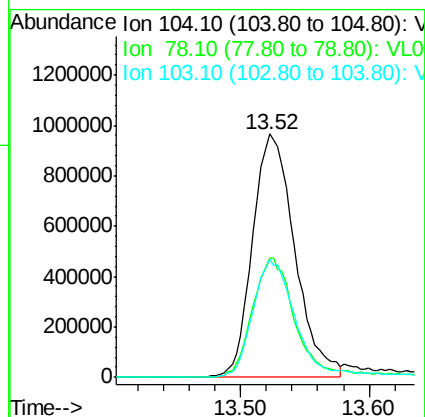
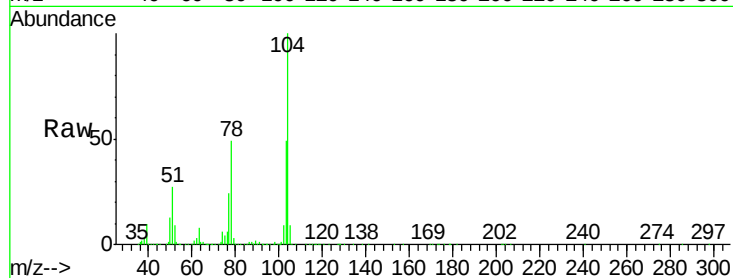
Tgt Ion: 91 Resp: 4116069
Ion Ratio Lower Upper
91 100
106 47.7 23.5 70.5





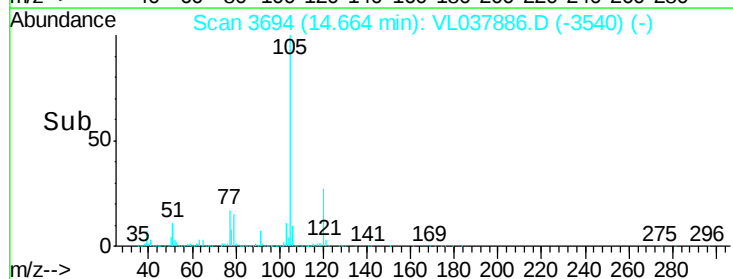
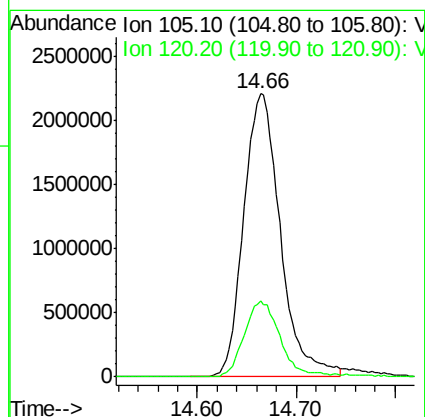
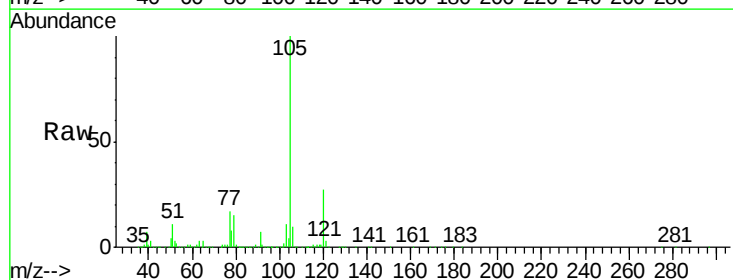
#61
Styrene
Concen: 9.890 ppbv
RT: 13.52
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL1020ABS01
Acq: 20 Oct 2021 14:02

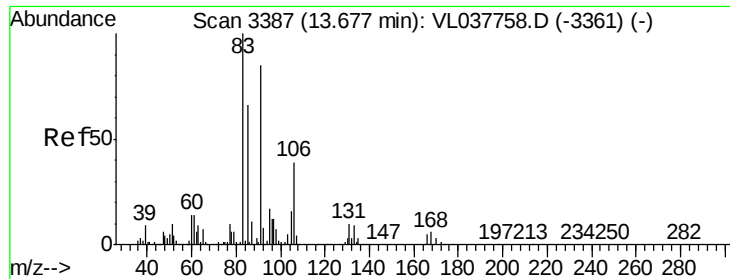
Tgt Ion:104 Resp: 2202280
Ion Ratio Lower Upper
104 100
78 51.0 40.6 61.0
103 50.0 39.6 59.4



#62
Isopropylbenzene
Concen: 8.871 ppbv
RT: 14.66 min Scan# 3694
Delta R.T.: -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

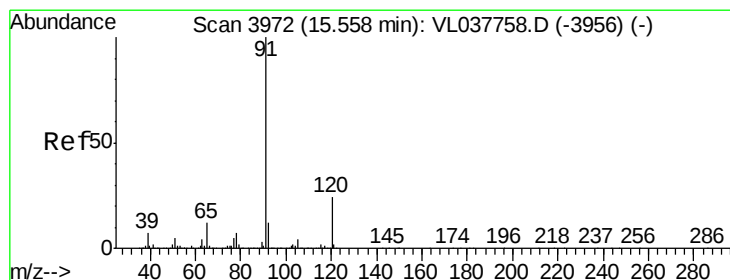
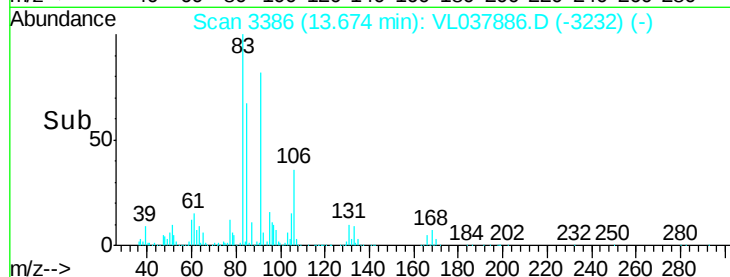
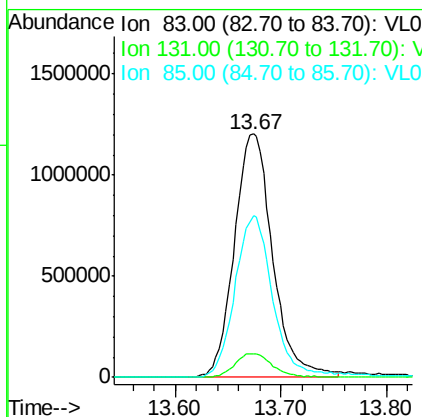
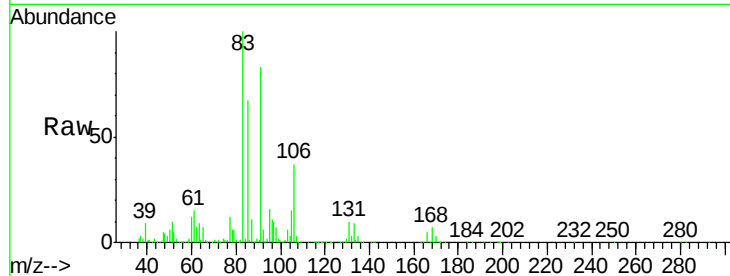
Tgt Ion:105 Resp: 5695835
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9





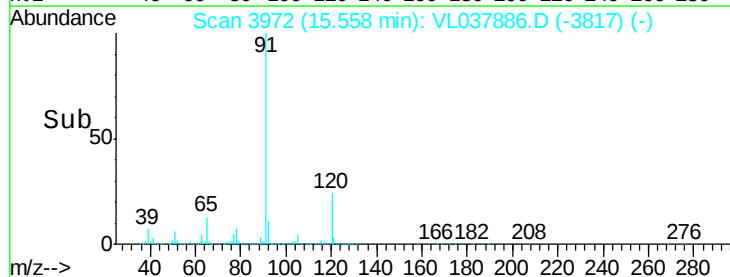
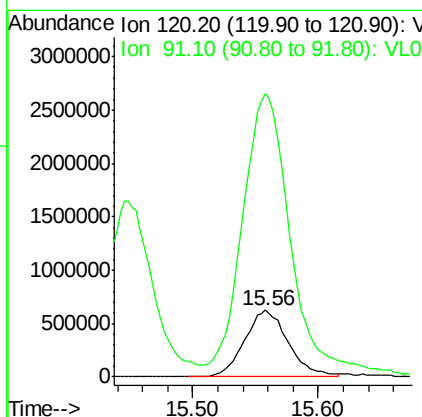
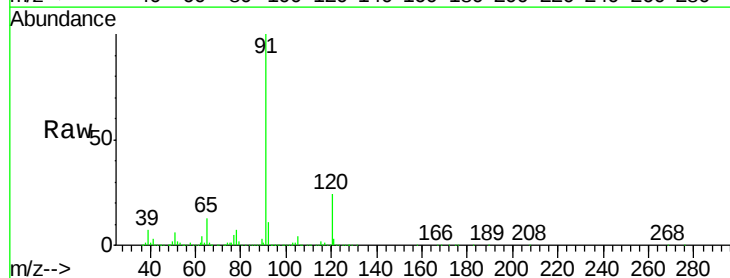
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.529 ppbv
 RT: 13.67 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1020ABS01
 Acq: 20 Oct 2021 14:02

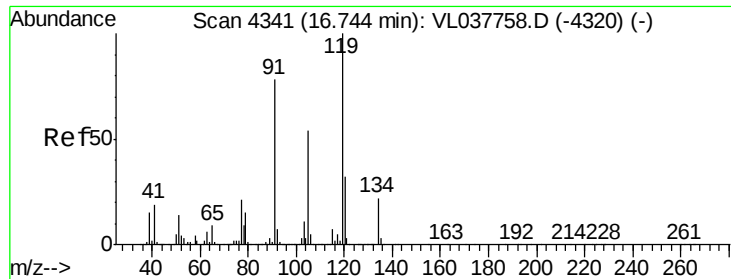
Tgt Ion: 83 Resp: 3029905
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 15.0
 85 67.6 33.1 99.5



#64
 n-propylbenzene
 Concen: 9.441 ppbv
 RT: 15.56 min Scan# 3972
 Delta R.T. -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

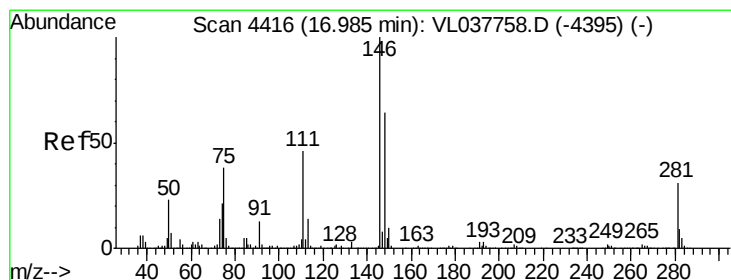
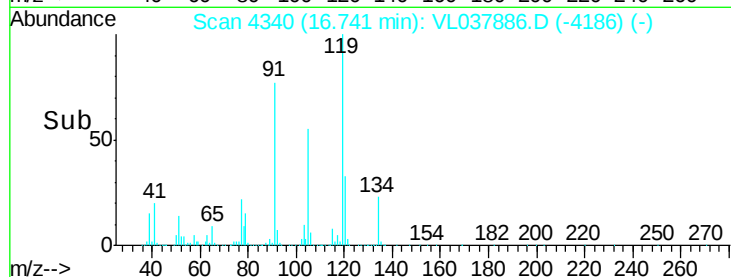
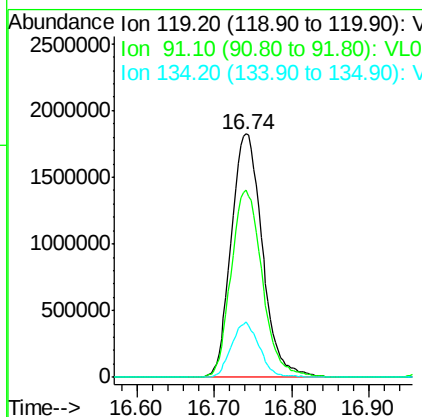
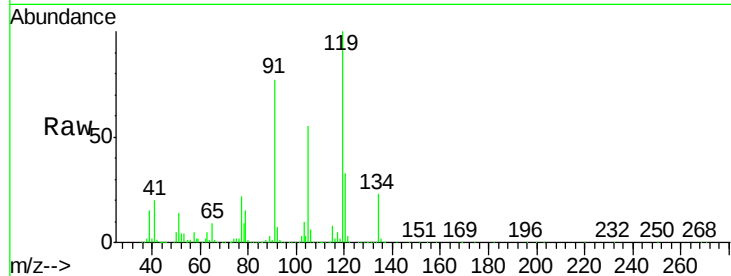
Tgt Ion: 120 Resp: 1511768
 Ion Ratio Lower Upper
 120 100
 91 477.2 375.0 562.6





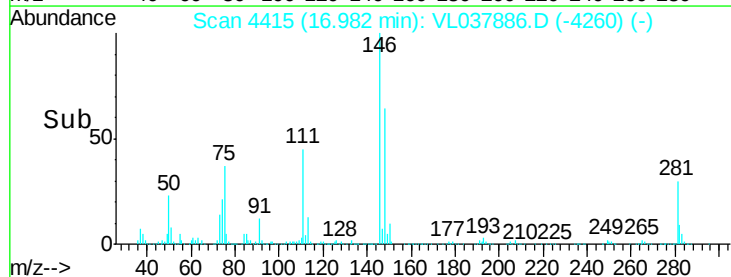
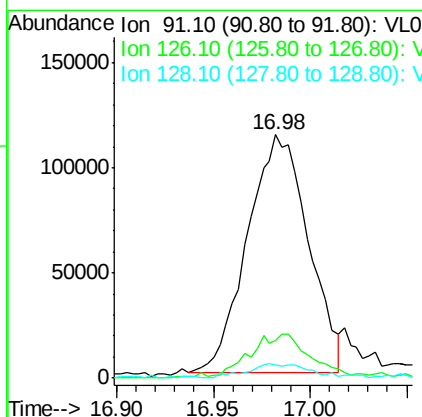
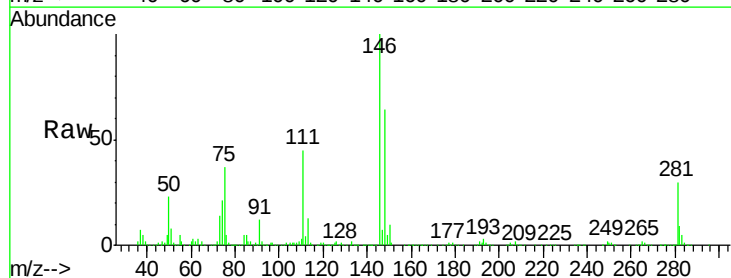
#65
 tert-Butylbenzene
 Concen: 8.991 ppbv
 RT: 16.74 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1020ABS01
 Acq: 20 Oct 2021 14:02

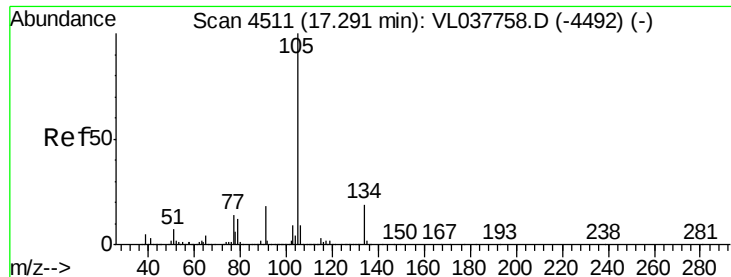
Tgt Ion: 119 Resp: 5080453
 Ion Ratio Lower Upper
 119 100
 91 77.1 62.6 94.0
 134 20.5 16.3 24.5



#66
 Benzyl Chloride
 Concen: 8.805 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T. -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion: 91 Resp: 245551
 Ion Ratio Lower Upper
 91 100
 126 19.7 0.0 0.0#
 128 6.8 5.3 7.9





#67

sec-Butylbenzene

Concen: 9.253 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

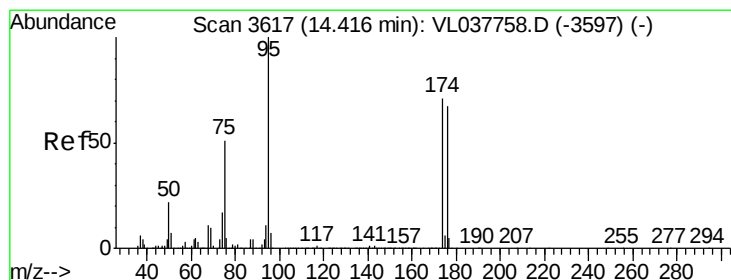
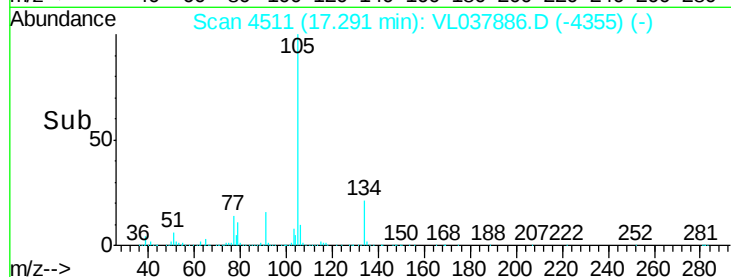
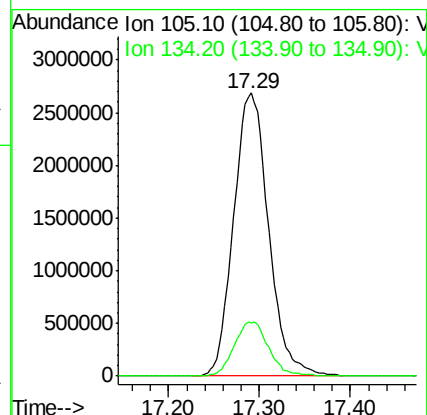
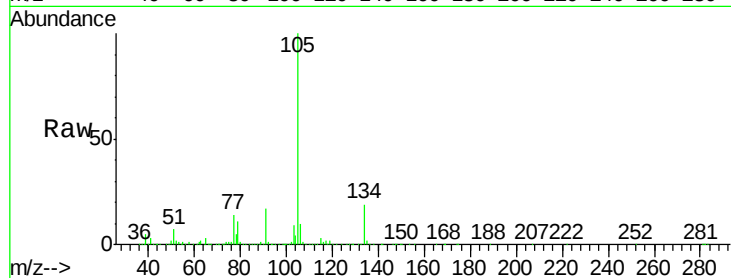
Acq: 20 Oct 2021 14:02

Tgt Ion: 105 Resp: 7150543

Ion Ratio Lower Upper

105 100

134 18.9 15.4 23.0



#68

1-Bromo-4-Fluorobenzene

Concen: 7.850 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.01 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

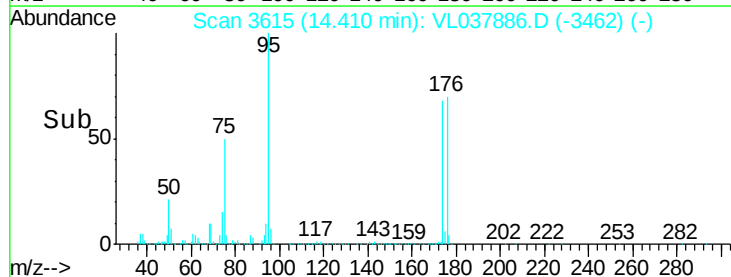
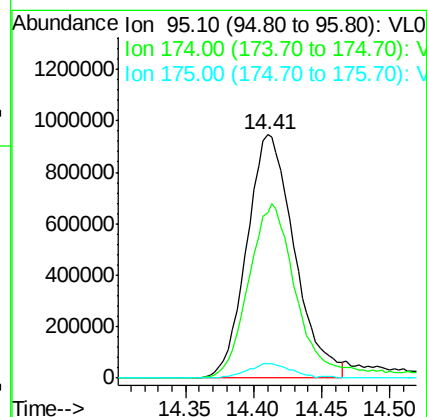
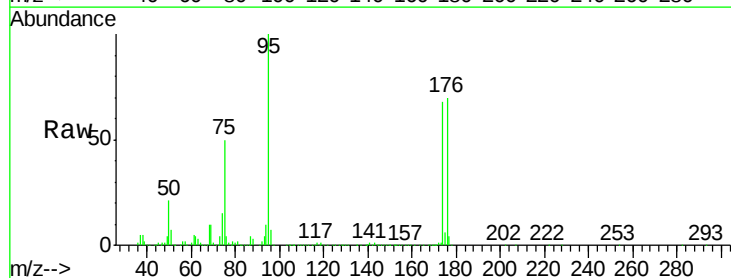
Tgt Ion: 95 Resp: 2287847

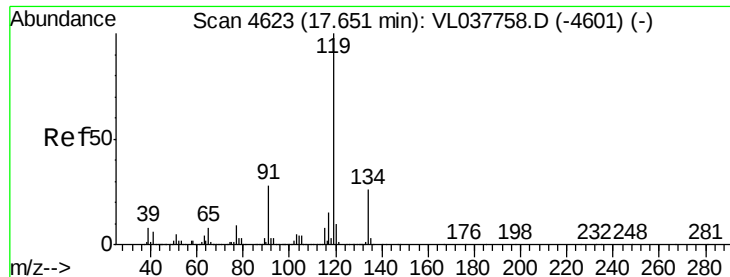
Ion Ratio Lower Upper

95 100

174 75.4 57.8 86.6

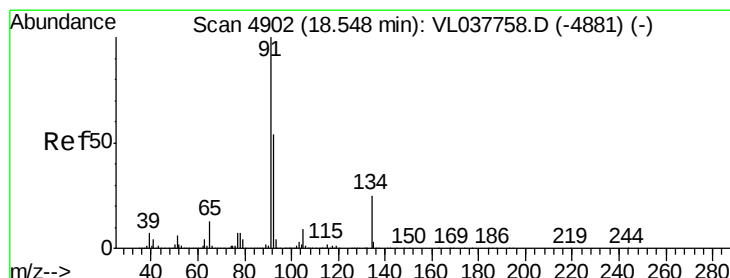
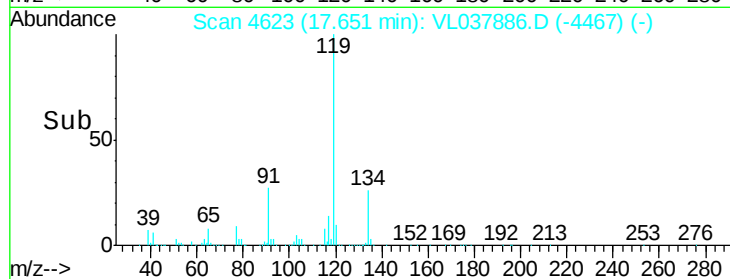
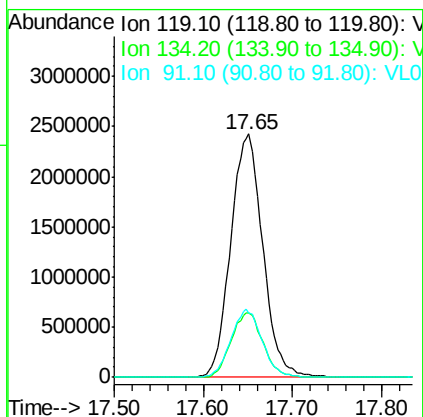
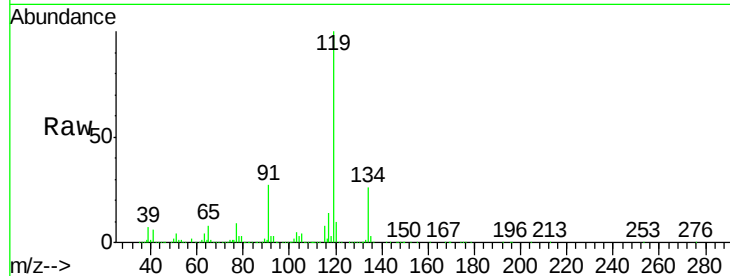
175 5.9 4.7 7.1





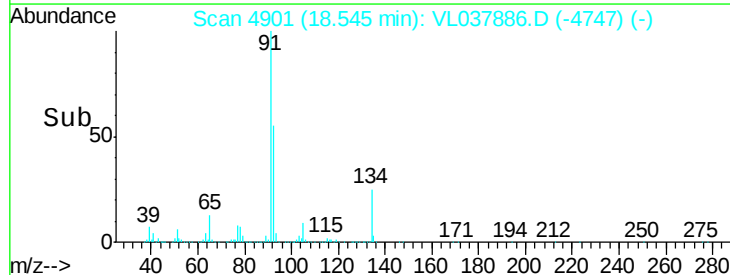
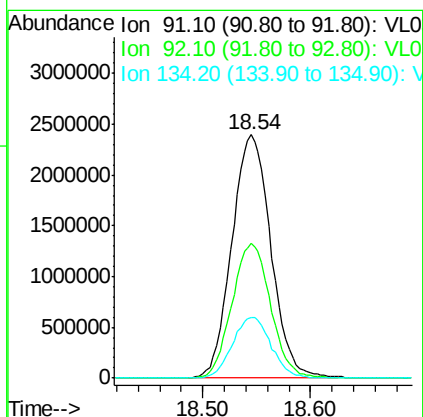
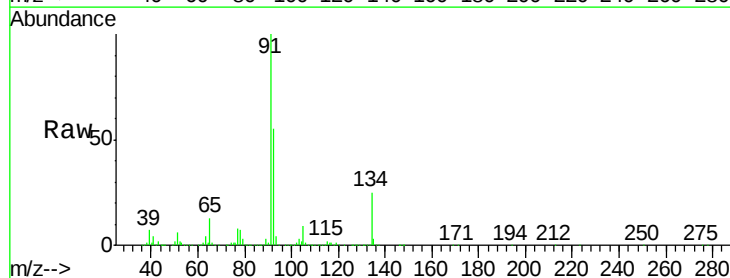
#69
 p-Isopropyltoluene
 Concen: 9.667 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1020ABS01
 Acq: 20 Oct 2021 14:02

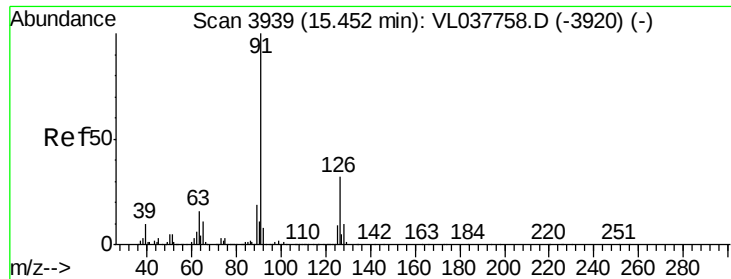
Tgt Ion:	119	Resp:	6039541
Ion	Ratio	Lower	Upper
119	100		
134	26.3	21.2	31.8
91	27.5	22.2	33.4



#70
 n-Butylbenzene
 Concen: 10.122 ppbv
 RT: 18.54 min Scan# 4901
 Delta R.T. -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

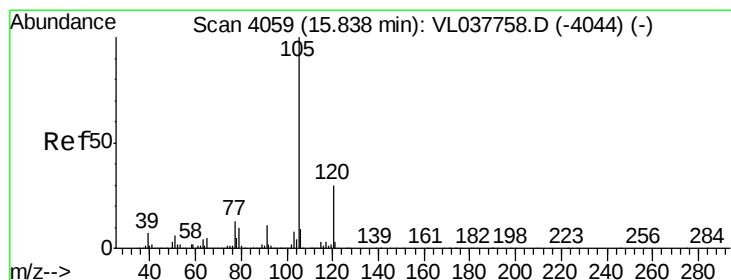
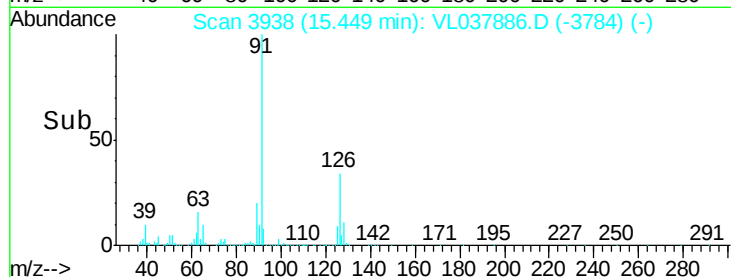
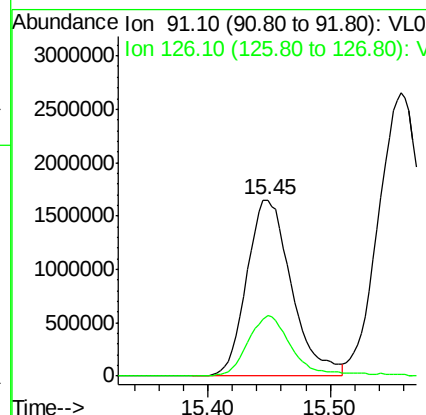
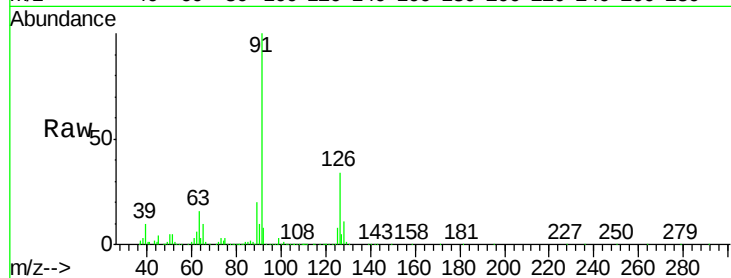
Tgt Ion:	91	Resp:	6007781
Ion	Ratio	Lower	Upper
91	100		
92	55.2	43.4	65.0
134	24.9	19.8	29.6





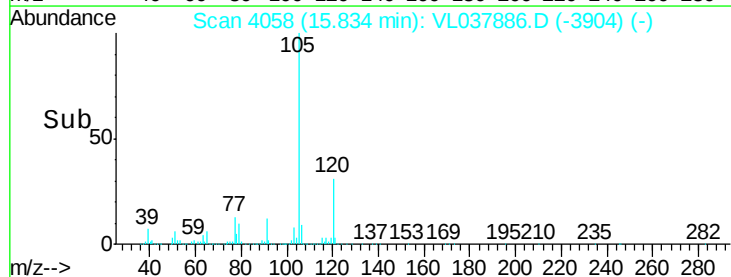
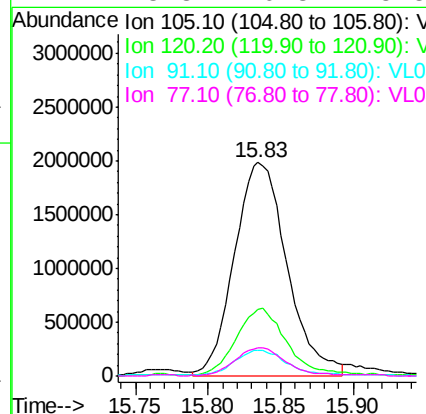
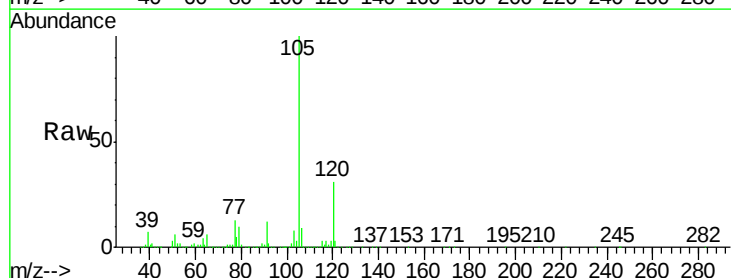
#71
 2-Chlorotoluene
 Concen: 9.216 ppbv
 RT: 15.45
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1020ABS01
 Acq: 20 Oct 2021 14:02

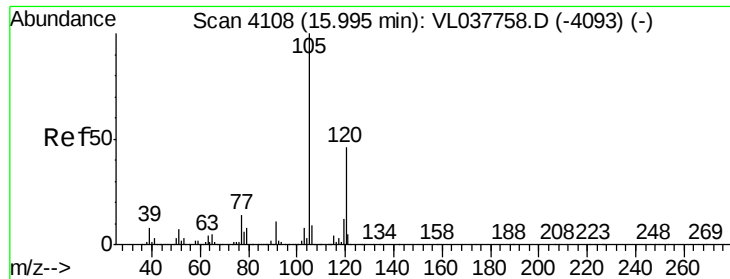
Tgt Ion: 91 Resp: 4178796
 Ion Ratio Lower Upper
 91 100
 126 34.6 13.6 54.6



#72
 4-Ethyltoluene
 Concen: 9.592 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

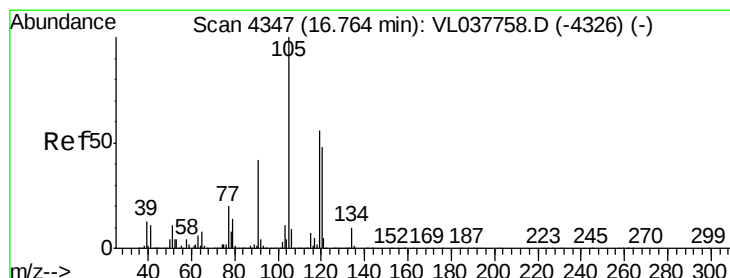
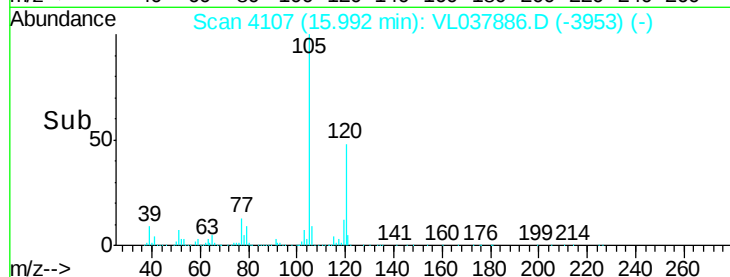
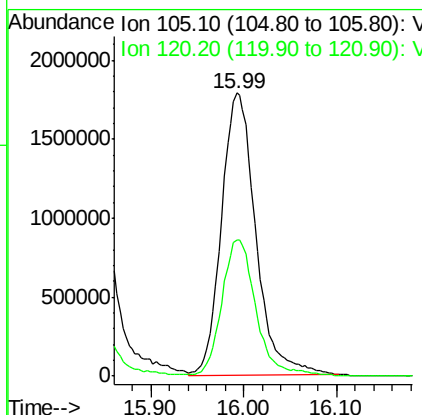
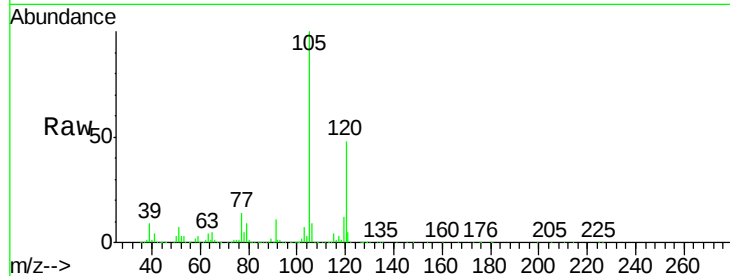
Tgt Ion: 105 Resp: 5013674
 Ion Ratio Lower Upper
 105 100
 120 31.1 24.2 36.2
 91 11.9 10.4 15.6
 77 13.3 10.3 15.5





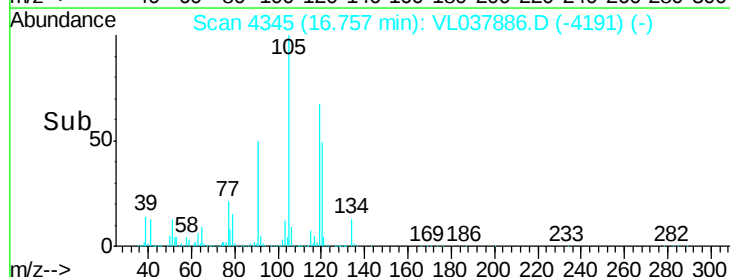
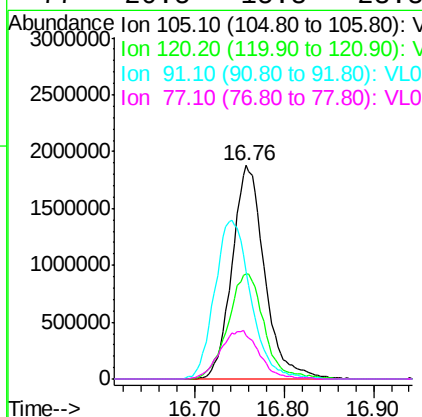
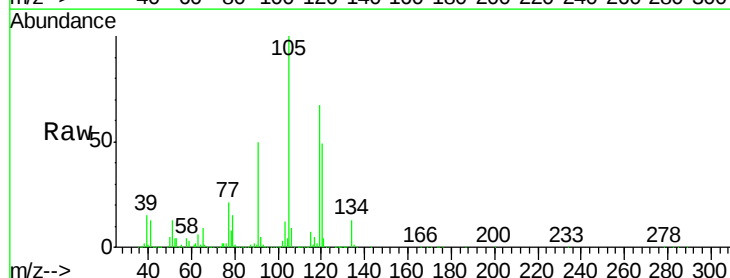
#73
 1,3,5-Trimethylbenzene
 Concen: 9.673 ppbv
 RT: 15.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1020ABS01
 Acq: 20 Oct 2021 14:02

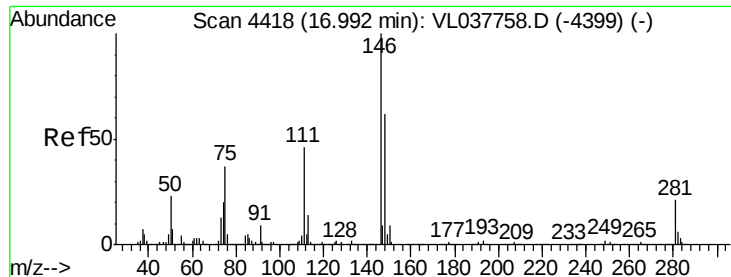
Tgt Ion:105 Resp: 4592655
 Ion Ratio Lower Upper
 105 100
 120 48.0 36.6 54.8



#74
 1,2,4-Trimethylbenzene
 Concen: 9.506 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. -0.01 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

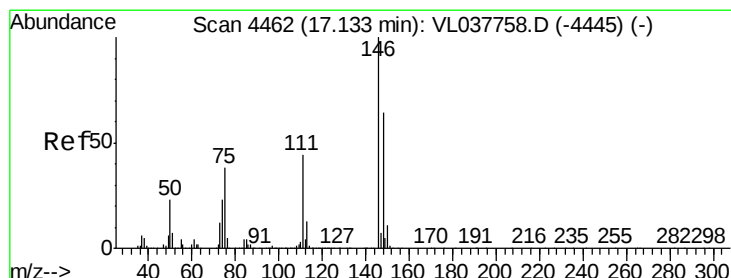
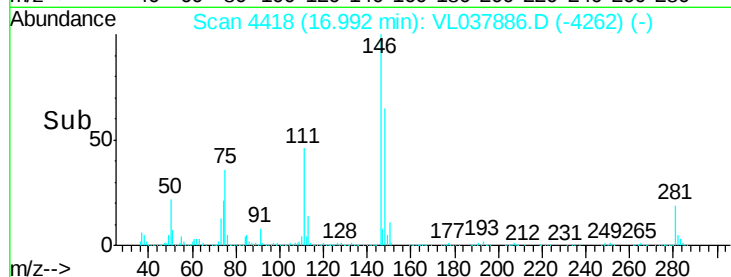
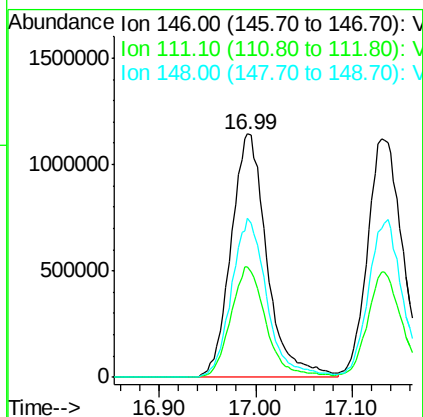
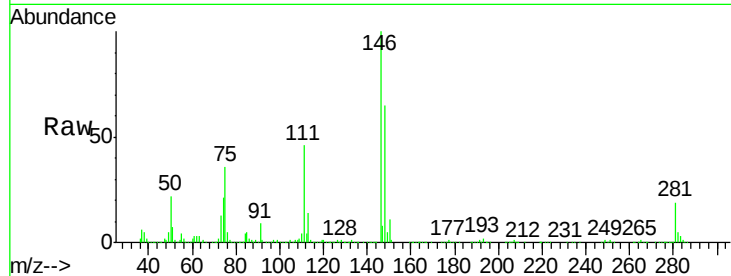
Tgt Ion:105 Resp: 4739567
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.4 57.6
 91 50.2 34.2 51.2
 77 20.5 15.8 23.8





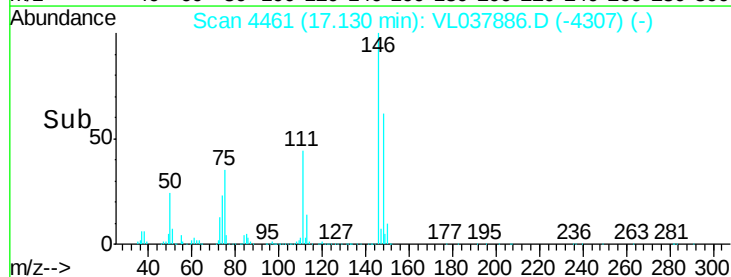
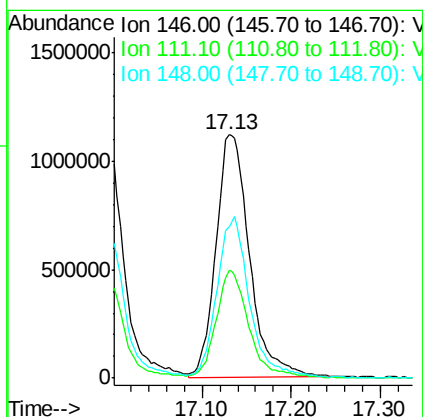
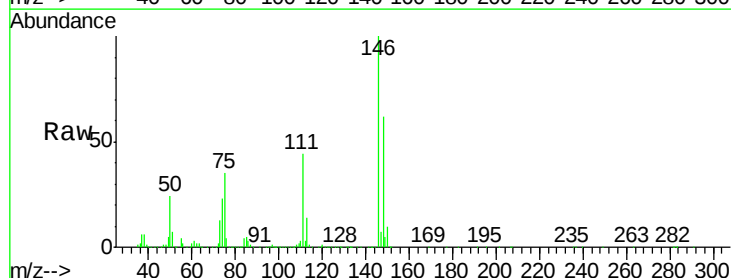
#75
 1,3-Dichlorobenzene
 Concen: 9.536 ppbv
 RT: 16.99
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1020ABS01
 Acq: 20 Oct 2021 14:02

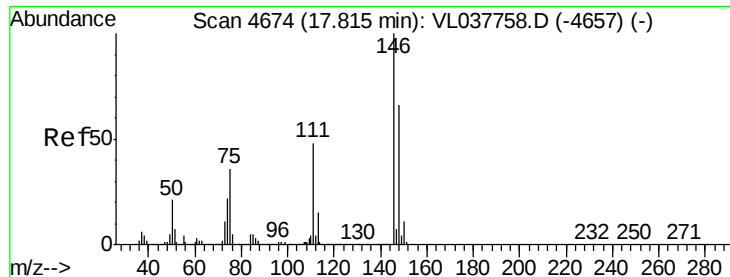
Tgt Ion:146 Resp: 2945760
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.8 68.4
 148 64.4 32.8 98.3



#76
 1,4-Dichlorobenzene
 Concen: 9.873 ppbv
 RT: 17.13 min Scan# 4461
 Delta R.T. -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

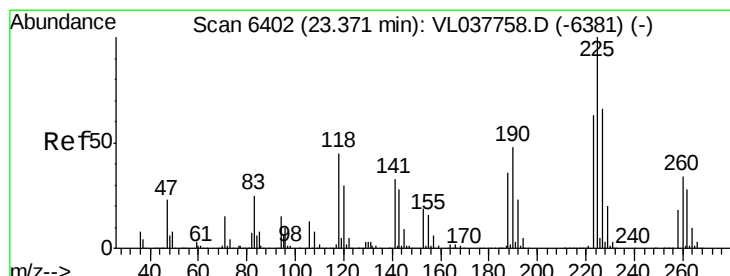
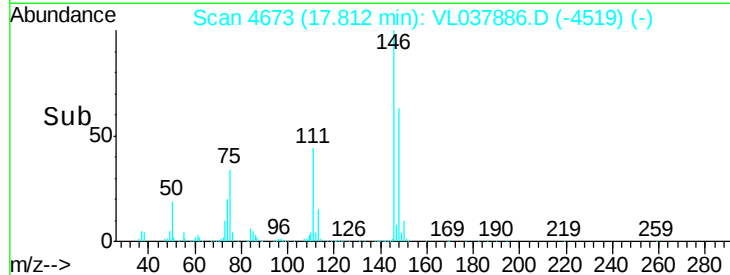
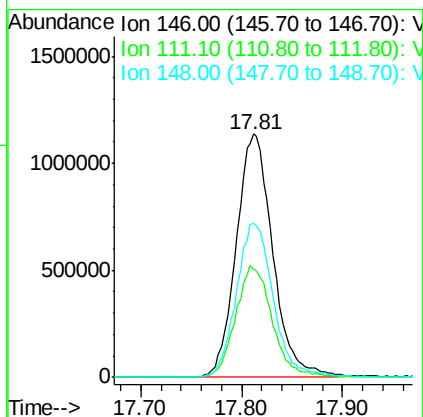
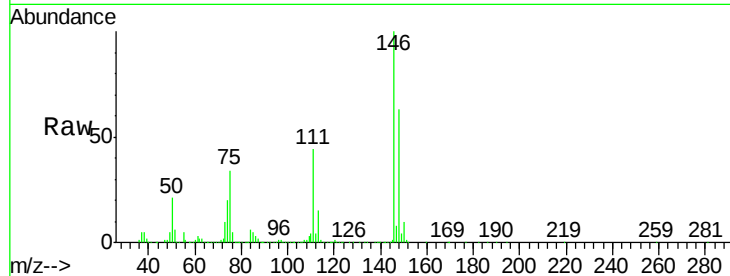
Tgt Ion:146 Resp: 2909443
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.4 67.3
 148 65.1 33.3 99.9





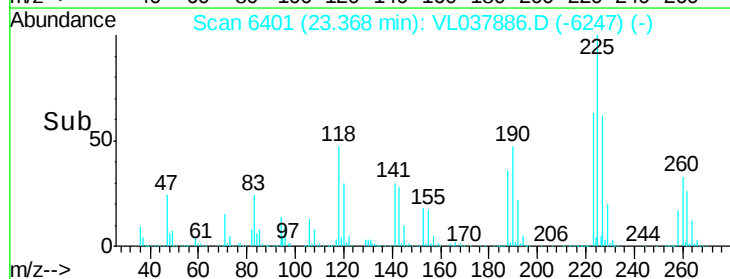
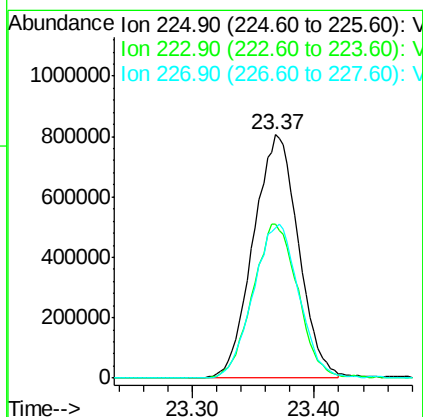
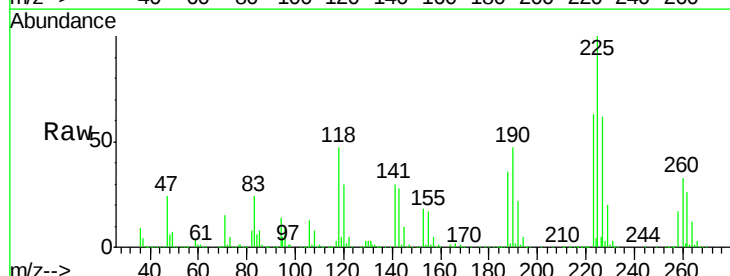
#77
 1,2-Dichlorobenzene
 Concen: 9.589 ppbv
 RT: 17.81 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1020ABS01
 Acq: 20 Oct 2021 14:02

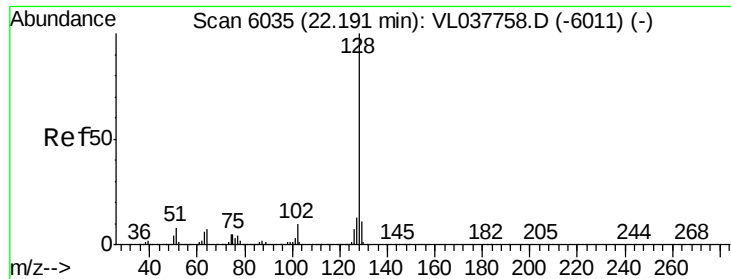
Tgt Ion:146 Resp: 2845489
 Ion Ratio Lower Upper
 146 100
 111 46.0 23.6 70.8
 148 64.4 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.531 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion:225 Resp: 2066926
 Ion Ratio Lower Upper
 225 100
 223 63.7 51.2 76.8
 227 64.6 51.1 76.7

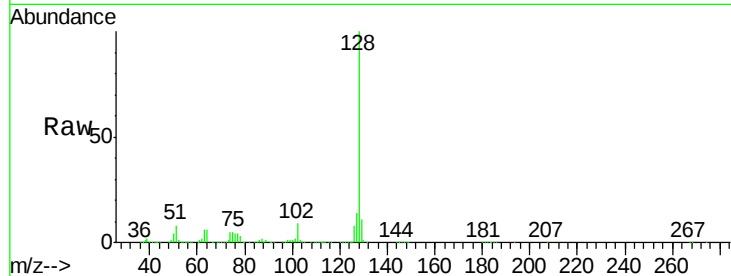




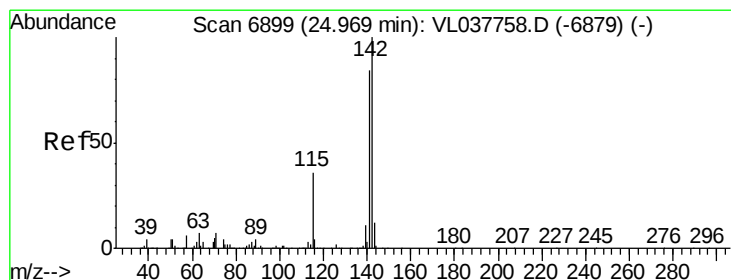
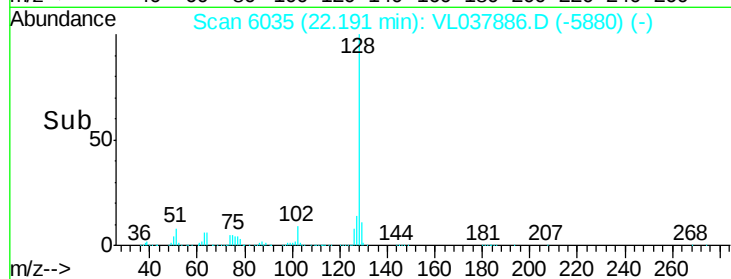
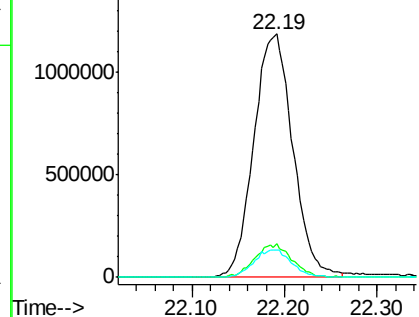
#79
Naphthalene
Concen: 11.324 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Oct 2021 14:02

Tgt Ion:128 Resp: 3457989

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.1	15.1
129	11.2	9.1	13.7



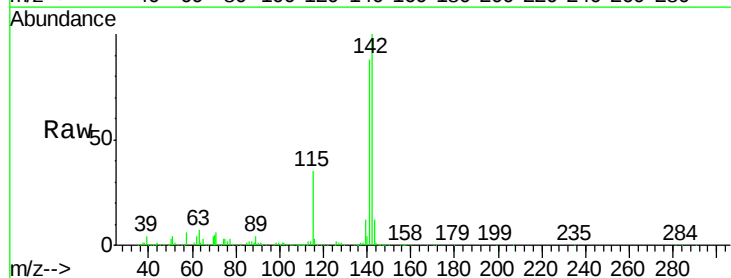
Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



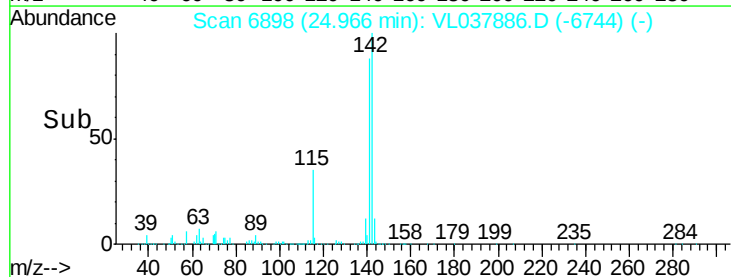
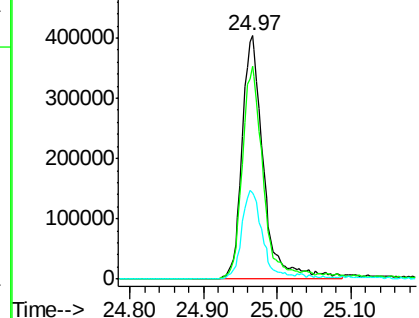
#80
Naphthalene, 2-methyl-
Concen: 10.040 ppbv
RT: 24.97 min Scan# 6898
Delta R.T.: -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

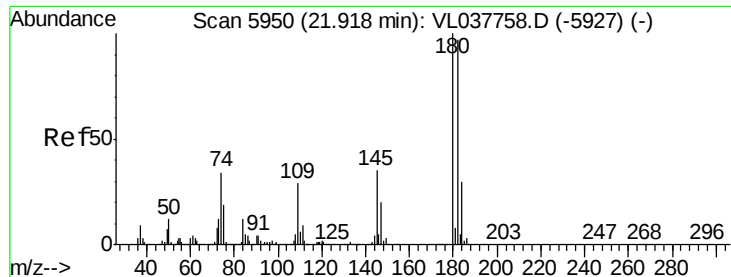
Tgt Ion:142 Resp: 823170

Ion	Ratio	Lower	Upper
142	100		
141	88.6	68.6	102.8
115	36.1	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: 5.642 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL1020ABS01
 Acq: 20 Oct 2021 14:02

Tgt Ion:180 Resp: 1101795
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.6 116.4#
 184 0.0 25.0 37.4#

