

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032222\
 Data File : VL038684.D
 Acq On : 22 Mar 2022 14:39
 Operator : SY/AP
 Sample : VL0322ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0322ABS01

Quant Time: Mar 31 08:04:24 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	853411	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2261576	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2651925	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1693110	8.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	1204170	10.496	ppbv	99
3) Chlorodifluoromethane	2.99	51	880237	9.766	ppbv	99
4) Chloromethane	3.14	50	474053	9.579	ppbv	97
5) Vinyl Chloride	3.25	62	483965	9.625	ppbv	99
6) Bromomethane	3.47	94	272633	10.171	ppbv	97
7) Chloroethane	3.55	64	163867	9.844	ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	1149830	10.038	ppbv	100
9) Propene	3.01	41	420233	9.657	ppbv	100
10) Heptane	8.11	43	1108173	10.653	ppbv	100
11) Trichlorofluoromethane	3.94	101	1029544	10.168	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	773167	9.920	ppbv	99
13) Ethanol	3.60	45	15997	3.333	ppbv #	24
14) Bromoethene	3.74	108	356493	10.291	ppbv	97
15) Acetone	3.84	43	710565	9.649	ppbv	99
16) 1,3-Butadiene	3.32	39	425370	10.179	ppbv	99
17) tert-Butyl alcohol	4.28	59	640999	9.967	ppbv	99
18) 1,1-Dichloroethene	4.28	96	349645	9.985	ppbv	97
19) Isopropyl Alcohol	3.95	45	390872	9.574	ppbv #	98
20) Methylene Chloride	4.34	84	282914	9.121	ppbv	98
21) Allyl Chloride	4.40	41	528007	9.963	ppbv	98
22) trans-1,2-Dichloroethene	4.88	96	368895	10.157	ppbv	99
23) Vinyl Acetate	5.06	43	756828	10.614	ppbv	99
24) 1,1-Dichloroethane	5.00	63	686561	9.776	ppbv	100
25) Ethyl Acetate	5.66	43	1911452	10.311	ppbv	100
26) Hexane	5.68	57	828569	9.984	ppbv	99
27) Carbon Disulfide	4.54	76	897334	11.022	ppbv	100
28) Methyl tert-Butyl Ether	5.02	73	626806	10.139	ppbv	99
29) Chloroform	5.74	83	1339631	10.081	ppbv	99
30) Cyclohexane	7.12	84	725051	10.048	ppbv	100
31) cis-1,2-Dichloroethene	5.54	61	819998	10.508	ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	1290173	10.061	ppbv	100
34) 2-Butanone	5.23	43	986957	11.026	ppbv	99
35) Carbon Tetrachloride	7.01	117	1357540	10.345	ppbv	100
36) Benzene	6.88	78	1776077	10.175	ppbv	99
37) 1,2-Dichloroethane	6.29	62	913210	10.285	ppbv	100
38) Trichloroethene	7.82	130	758656	10.376	ppbv	99
39) 1,2-Dichloropropane	7.60	63	678973	9.950	ppbv	96
40) 1,4-Dioxane	7.82	88	220412	9.302	ppbv	73
41) Tetrahydrofuran	6.04	42	681445	10.229	ppbv	99
42) Bromodichloromethane	7.78	83	1405747	10.560	ppbv	100
43) Methyl Methacrylate	8.00	69	715968	11.048	ppbv	100

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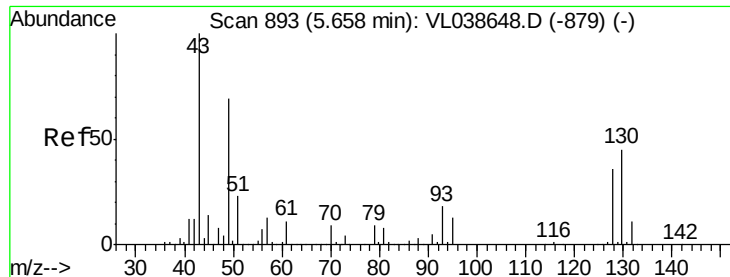
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0322ABS01

Quant Time: Mar 31 08:04:24 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122AIR.M
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 QLast Update : Mon Mar 21 17:09:26 2022
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

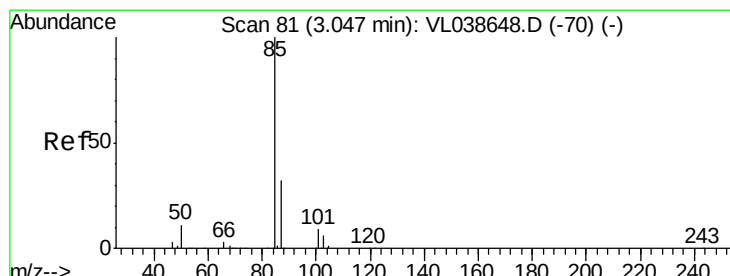
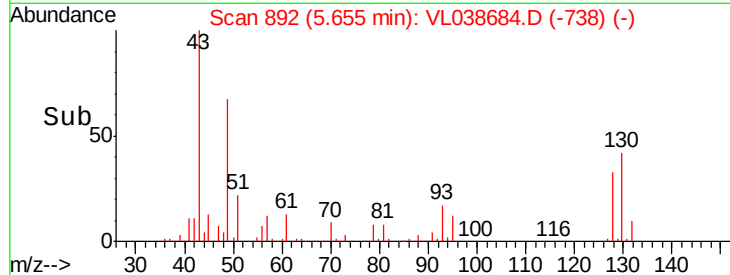
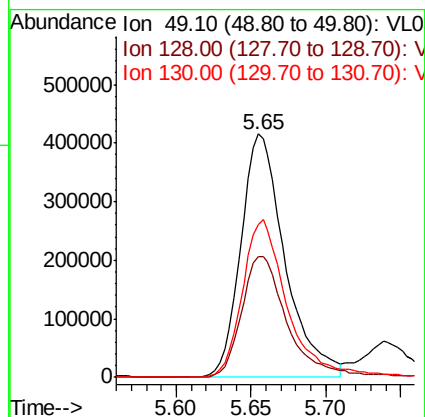
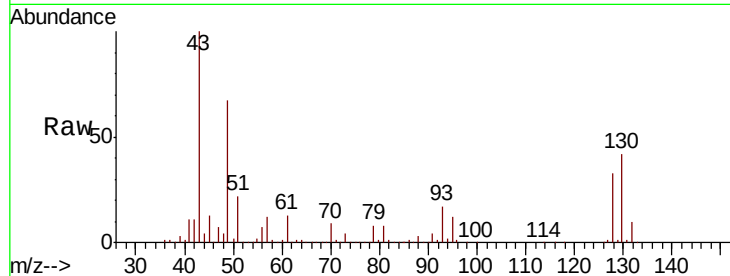
44) 2,2,4-Trimethylpentane	7.85	57	2937070	10.022	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	803867	12.200	ppbv	98
46) cis-1,3-Dichloropropene	8.69	75	1013676	11.378	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	729539	10.014	ppbv	98
48) Dibromochloromethane	10.29	129	1256630	11.012	ppbv	99
49) Bromoform	13.02	173	1015360	10.917	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	1770303	10.638	ppbv	100
51) 2-Hexanone	10.12	43	1377675	11.525	ppbv #	99
52) Tetrachloroethene	11.21	164	637101	9.974	ppbv	99
53) Toluene	9.79	91	2033824	10.844	ppbv	99
54) 1,2-Dibromoethane	10.59	107	1071941	10.776	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.11	131	875132	7.960	ppbv	99
57) Chlorobenzene	12.13	112	1497034	7.827	ppbv	98
58) Ethyl Benzene	12.70	91	2616586	8.440	ppbv	99
59) m/p-Xylene	12.98	91	2313812	8.532	ppbv #	38
60) o-Xylene	13.67	91	2111443	8.200	ppbv	100
61) Styrene	13.51	104	1286202	9.211	ppbv	100
62) Isopropylbenzene	14.65	105	3081490	7.961	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	1388462	6.961	ppbv	99
64) n-propylbenzene	15.55	120	825262	8.125	ppbv	99
65) tert-Butylbenzene	16.73	119	2708658	7.787	ppbv	99
66) Benzyl Chloride	16.97	91	634084	9.627	ppbv	99
67) sec-Butylbenzene	17.27	105	3887066	7.814	ppbv	100
69) p-Isopropyltoluene	17.63	119	3232668	7.963	ppbv	100
70) n-Butylbenzene	18.53	91	3409601	8.142	ppbv	100
71) 2-Chlorotoluene	15.44	91	2299249	8.002	ppbv	100
72) 4-Ethyltoluene	15.82	105	2520741	8.293	ppbv	100
73) 1,3,5-Trimethylbenzene	15.98	105	2261837	8.166	ppbv	98
74) 1,2,4-Trimethylbenzene	16.74	105	2387385	7.913	ppbv	94
75) 1,3-Dichlorobenzene	16.98	146	1465087	7.624	ppbv	100
76) 1,4-Dichlorobenzene	17.12	146	1425738	7.460	ppbv	97
77) 1,2-Dichlorobenzene	17.80	146	1449637	7.615	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1276046	7.253	ppbv	100
79) Naphthalene	22.17	128	2372063	10.291	ppbv	99
80) Naphthalene, 2-methyl-	24.96	142	444564	7.193	ppbv	95
81) 1,2,4-Trichlorobenzene	21.90	180	1357086	8.601	ppbv	99

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



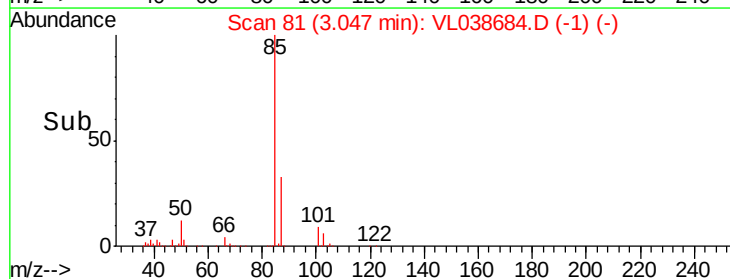
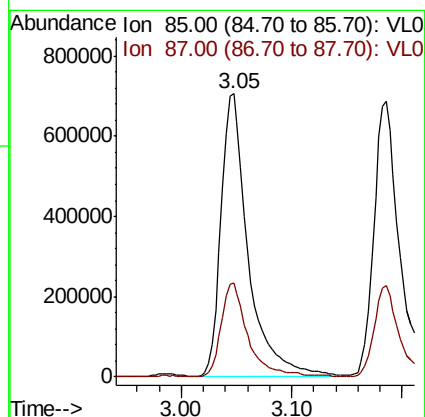
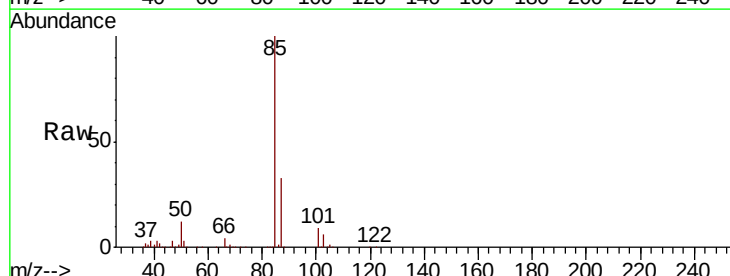
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0322ABS01
 Acq: 22 Mar 2022 14:39

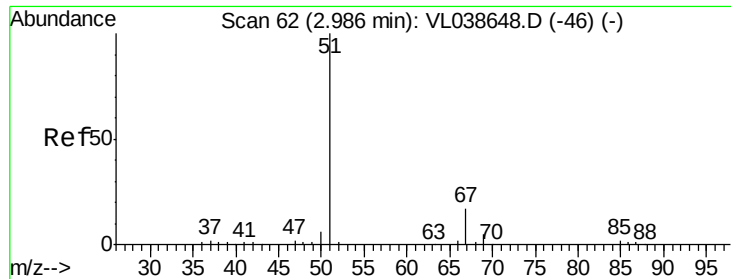
Tot Ion: 49 Resp: 853411
 Ion Ratio Lower Upper
 49 100
 128 52.6 26.2 78.6
 130 67.3 33.7 101.1



#2
 Dichlorodifluoromethane
 Concen: 10.496 ppbv
 RT: 3.05 min Scan# 81
 Delta R.T.: -0.00 min
 Lab File: VL038684.D
 Acq: 22 Mar 2022 14:39

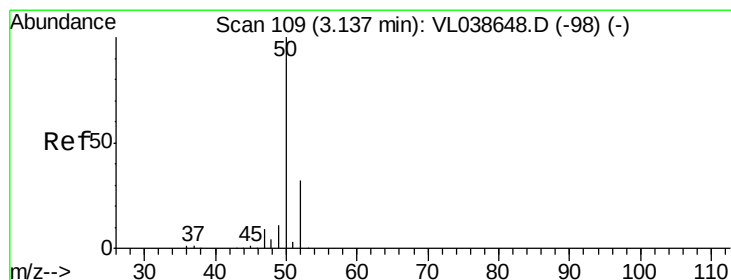
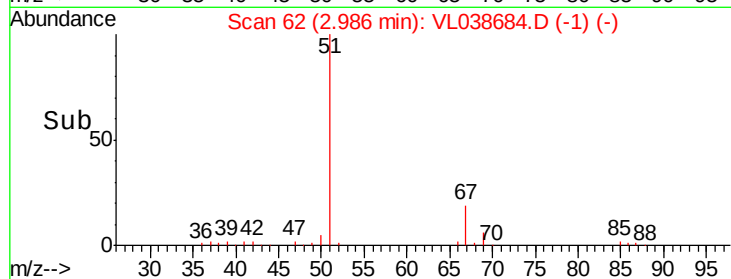
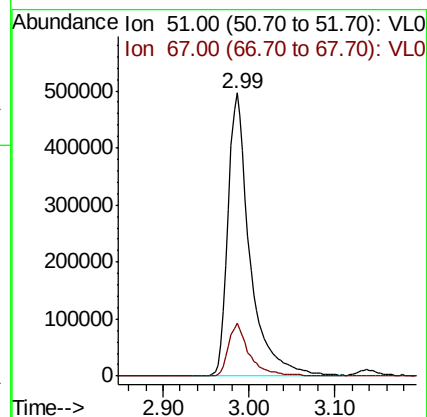
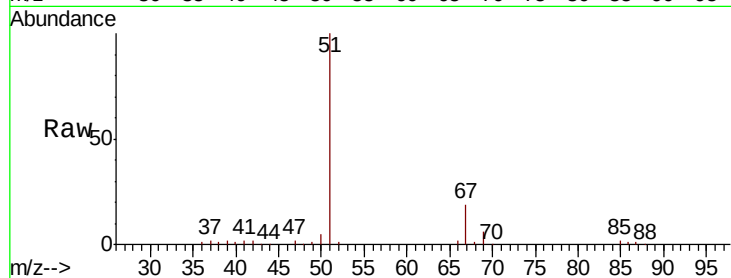
Tgt Ion: 85 Resp: 1204170
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0





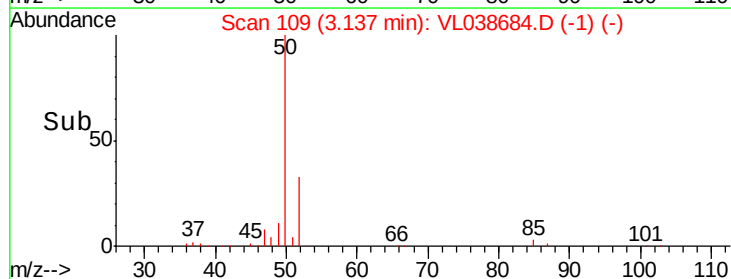
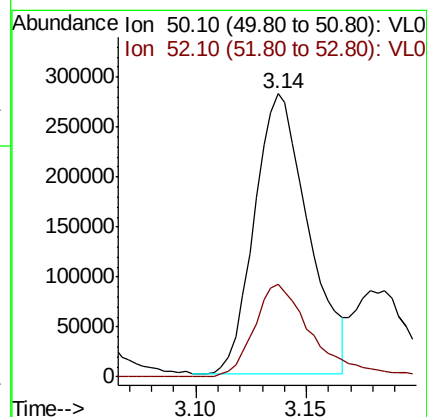
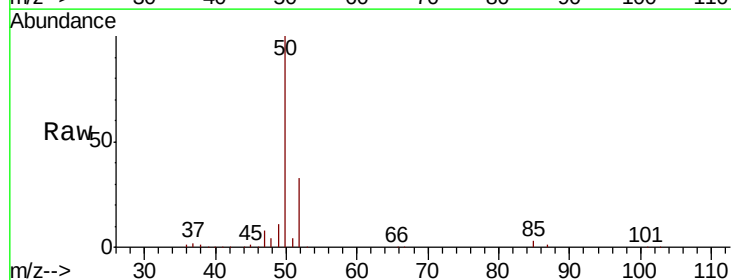
#3
Chlorodifluoromethane
Concen: 9.766 ppbv
RT: 2.99 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0322ABS01
Acq: 22 Mar 2022 14:39

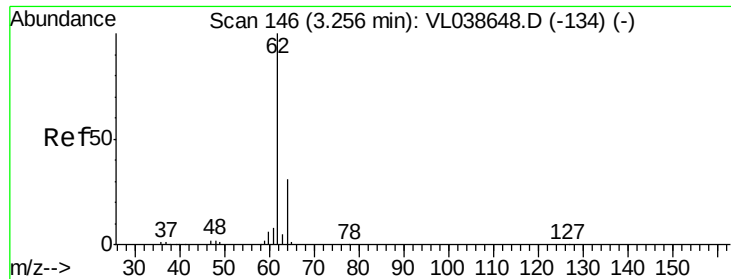
Tot Ion: 51 Resp: 880237
Ion Ratio Lower Upper
51 100
67 18.1 14.1 21.1



#4
Chloromethane
Concen: 9.579 ppbv
RT: 3.14 min Scan# 109
Delta R.T.: -0.00 min
Lab File: VL038648.D
Acq: 22 Mar 2022 14:39

Tgt Ion: 50 Resp: 474053
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3





#5

Vinyl Chloride

Concen: 9.625 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

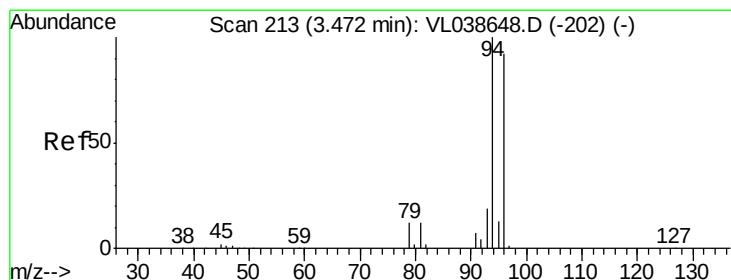
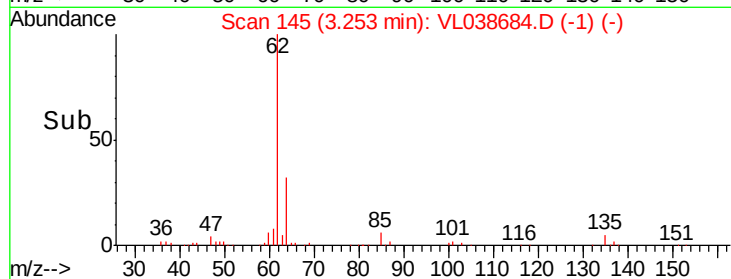
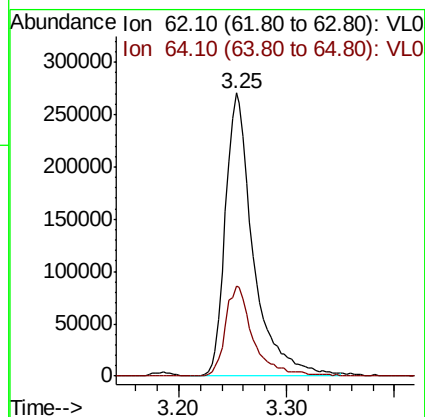
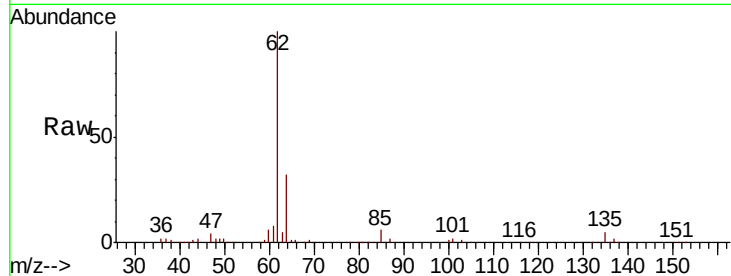
Acq: 22 Mar 2022 14:39 VL0322ABS01

Tot Ion: 62 Resp: 483965

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.4



#6

Bromomethane

Concen: 10.171 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.00 min

Lab File: VL038648.D

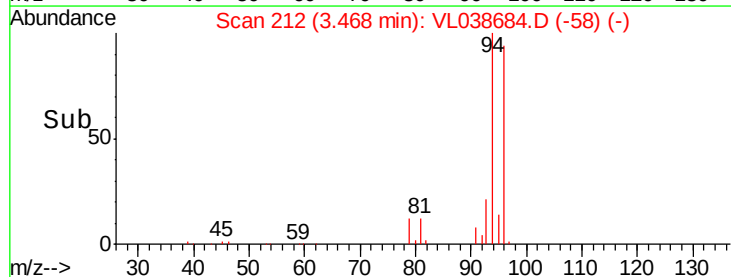
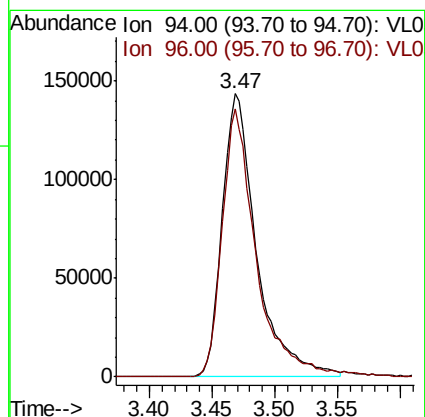
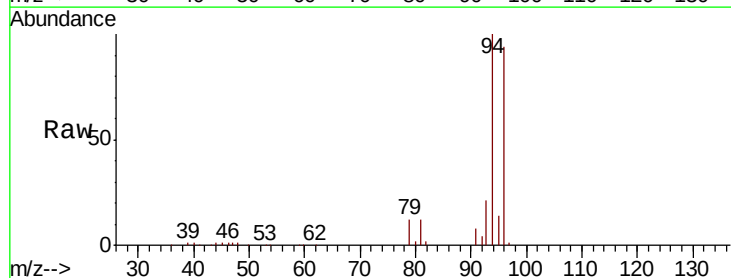
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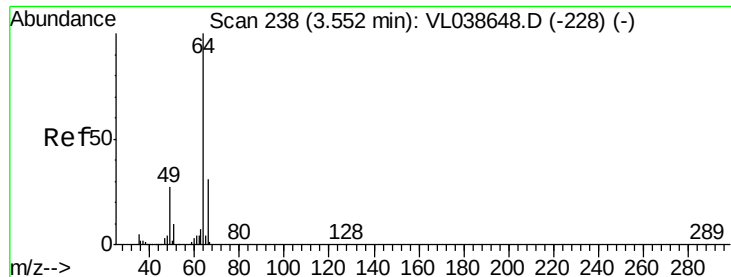
Tgt Ion: 94 Resp: 272633

Ion Ratio Lower Upper

94 100

96 94.5 73.3 109.9





#7

Chloroethane

Concen: 9.844 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

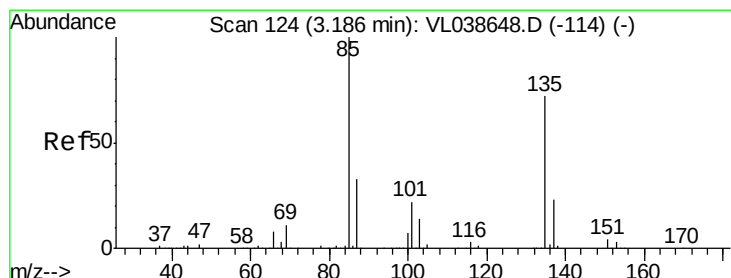
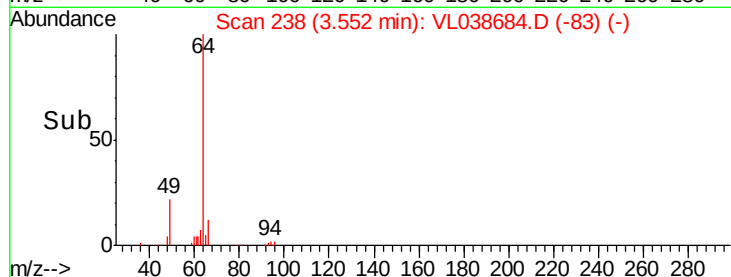
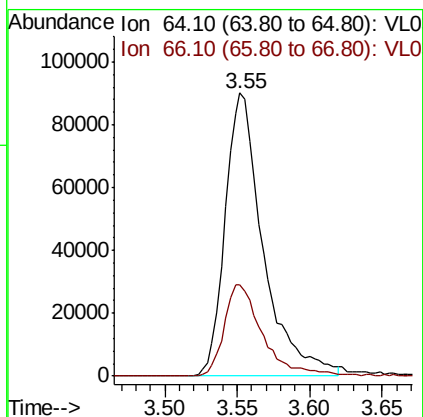
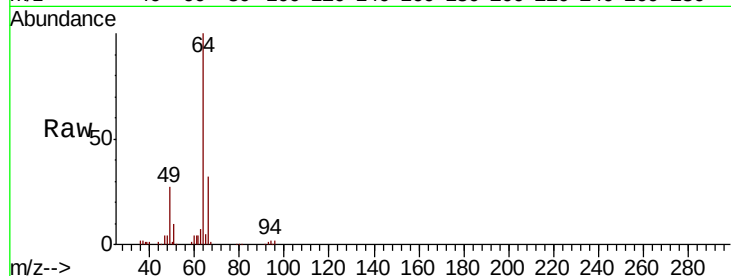
Acq: 22 Mar 2022 14:39 VL0322ABS01

Tot Ion: 64 Resp: 163867

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.6



#8

Dichlorotetrafluoroethane

Concen: 10.038 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.00 min

Lab File: VL038648.D

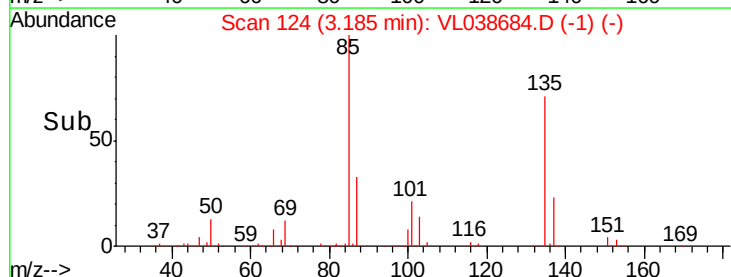
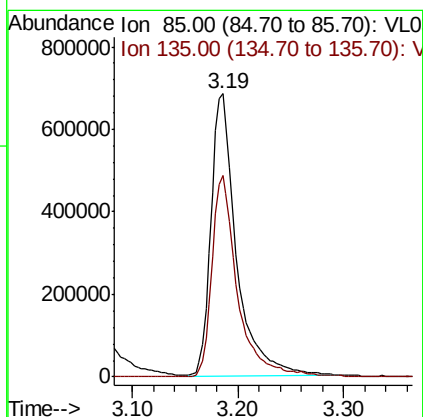
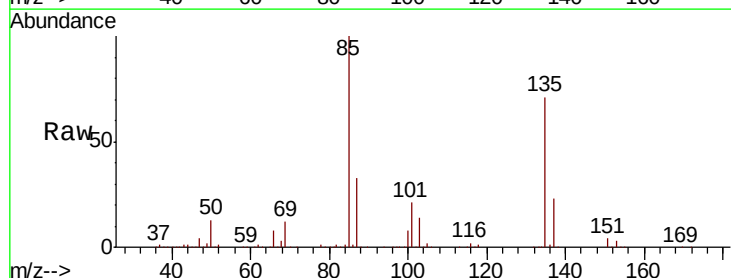
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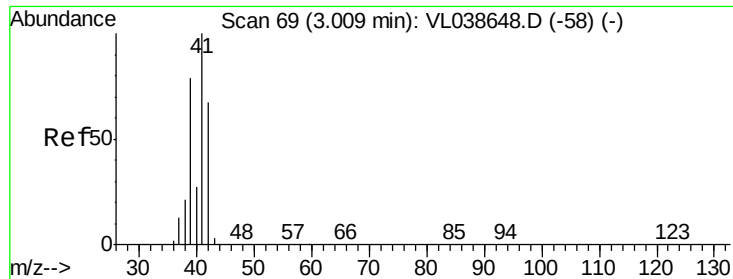
Tgt Ion: 85 Resp: 1149830

Ion Ratio Lower Upper

85 100

135 72.3 57.8 86.6





#9

Propene

Concen: 9.657 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

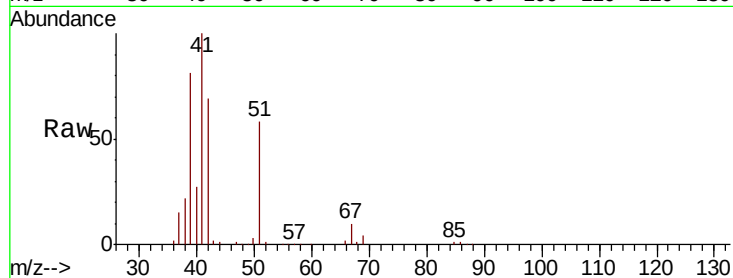
Acq: 22 Mar 2022 14:39 VL0322ABS01

Tot Ion: 41 Resp: 420233

Ion Ratio Lower Upper

41 100

42 70.2 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.01

250000

200000

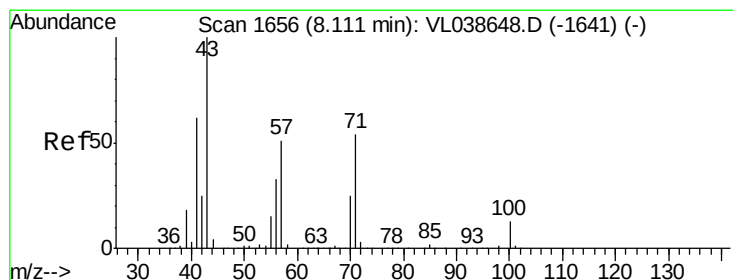
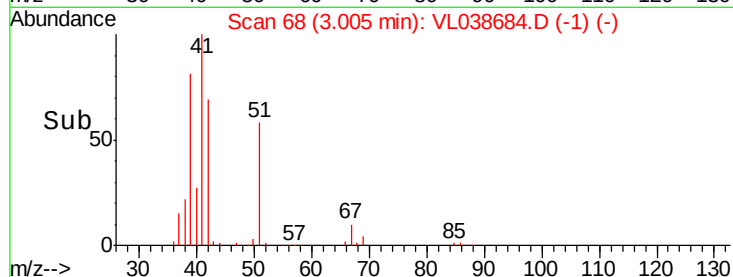
150000

100000

50000

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Time-->



#10

Heptane

Concen: 10.653 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VL038648.D

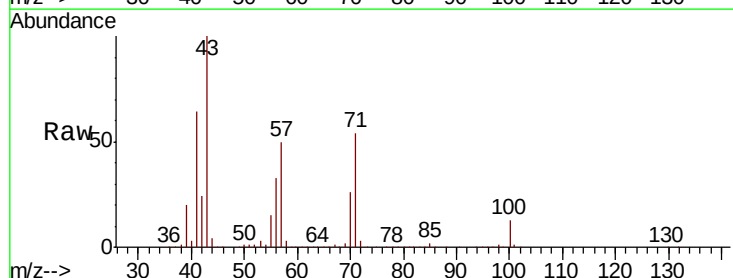
Acq: 22 Mar 2022 14:39

Tgt Ion: 43 Resp: 1108173

Ion Ratio Lower Upper

43 100

57 51.6 41.4 62.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

600000

500000

400000

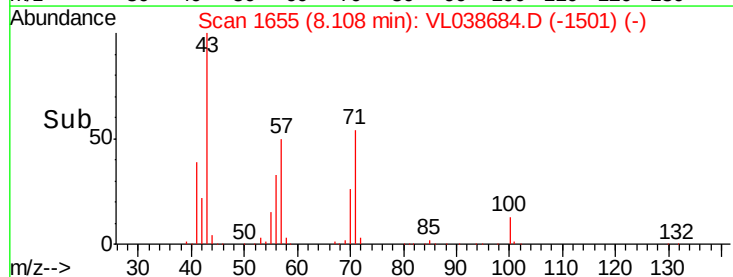
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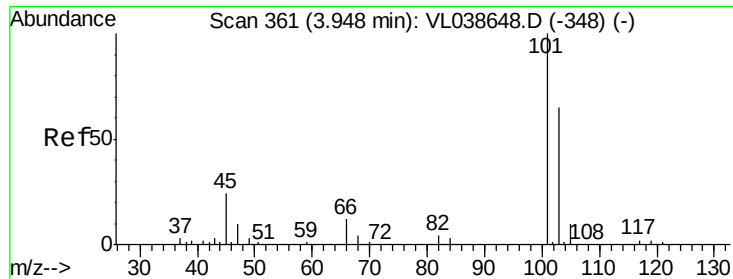
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100000

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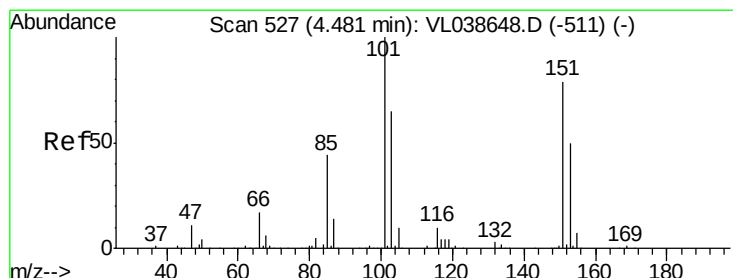
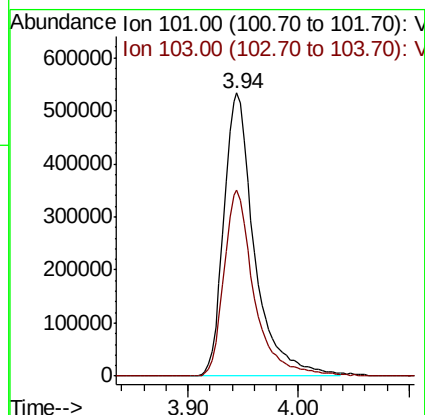
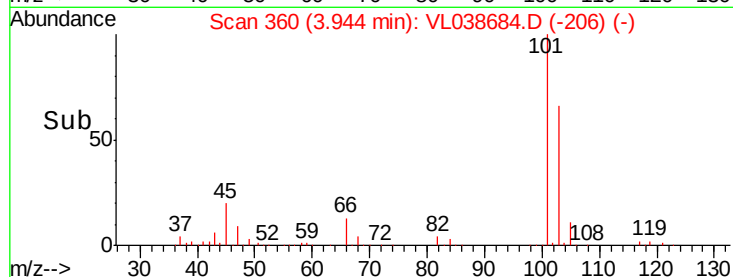
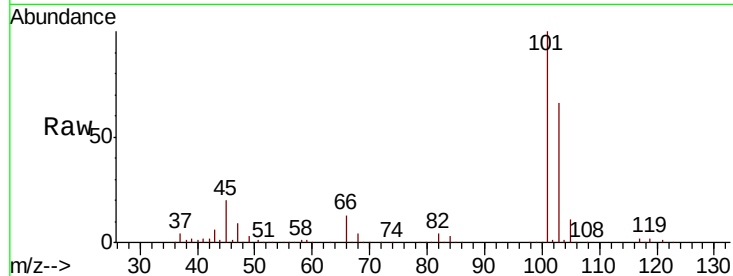
Time-->





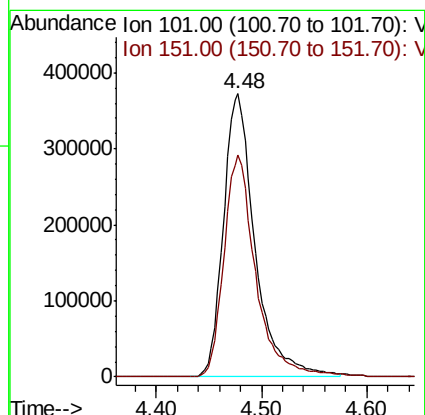
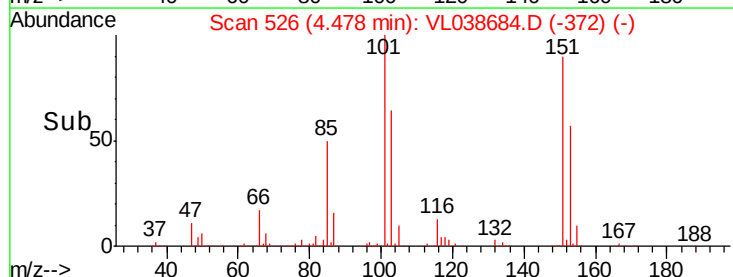
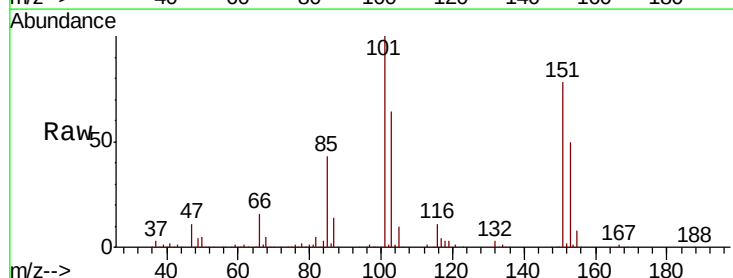
#11
 Trichlorofluoromethane
 Concen: 10.168 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0322ABS01
 Acq: 22 Mar 2022 14:39

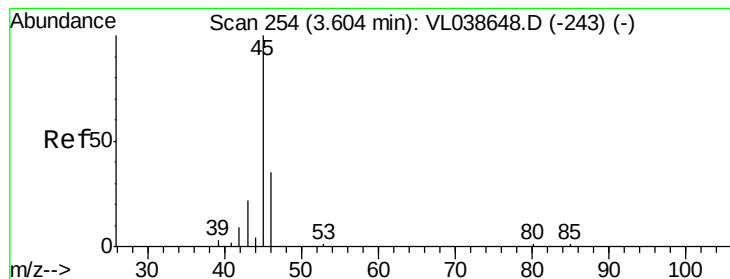
Tot Ion:101 Resp: 1029544
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.9 77.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.920 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: VL038684.D
 Acq: 22 Mar 2022 14:39

Tgt Ion:101 Resp: 773167
 Ion Ratio Lower Upper
 101 100
 151 79.2 62.9 94.3





#13

Ethanol

Concen: 3.333 ppbv

RT: 3.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

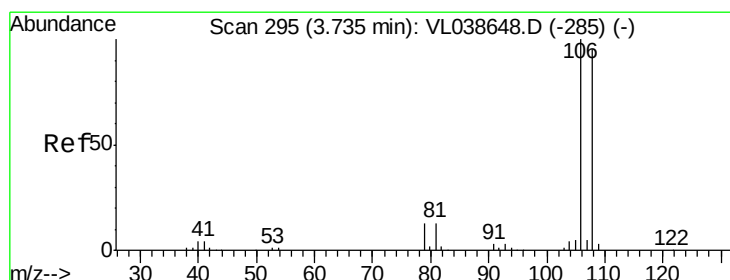
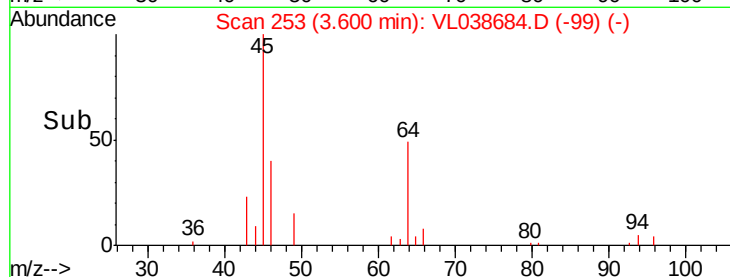
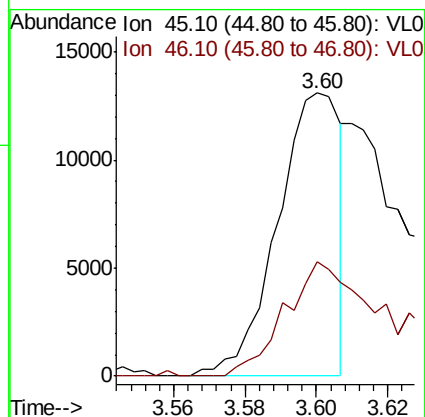
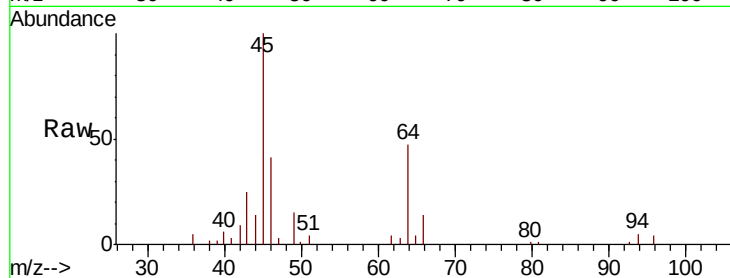
Acq: 22 Mar 2022 14:39 VL0322ABS01

Tot Ion: 45 Resp: 15997

Ion Ratio Lower Upper

45 100

46 83.4 15.1 60.5#



#14

Bromoethene

Concen: 10.291 ppbv

RT: 3.74 min Scan# 295

Delta R.T. -0.00 min

Lab File: VL038684.D

Acq: 22 Mar 2022 14:39

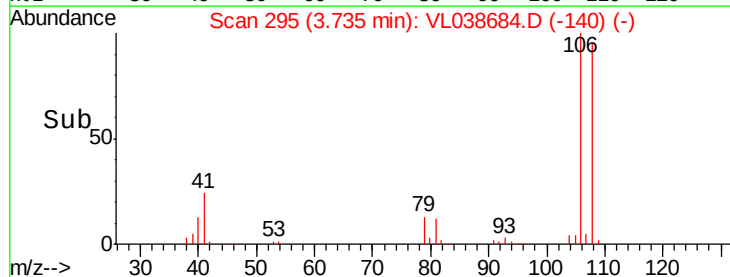
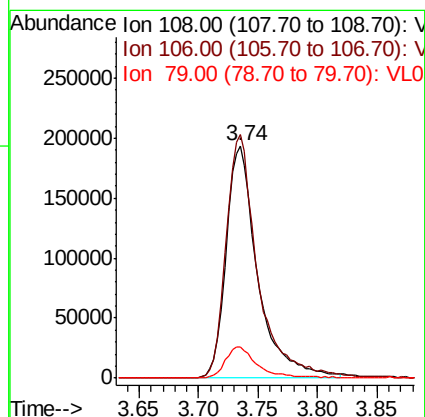
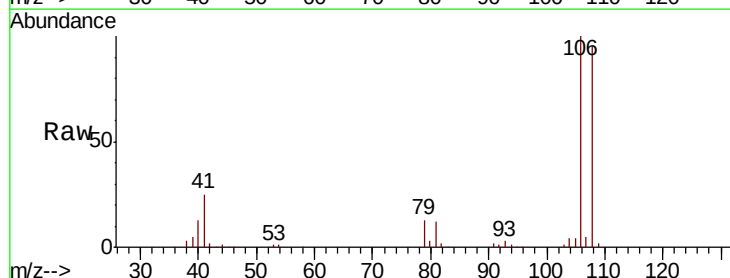
Tgt Ion:108 Resp: 356493

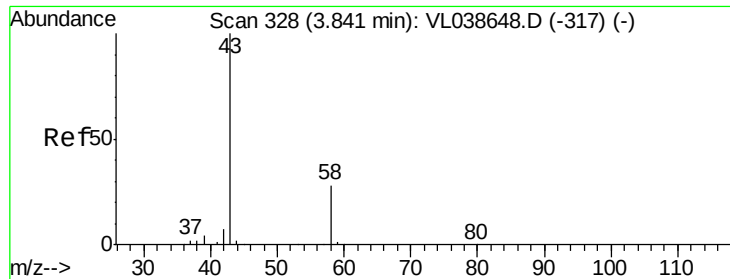
Ion Ratio Lower Upper

108 100

106 106.5 88.3 132.5

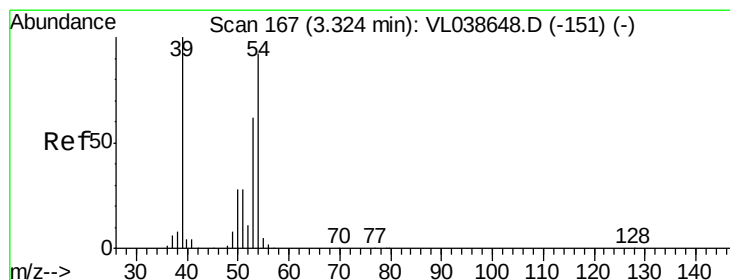
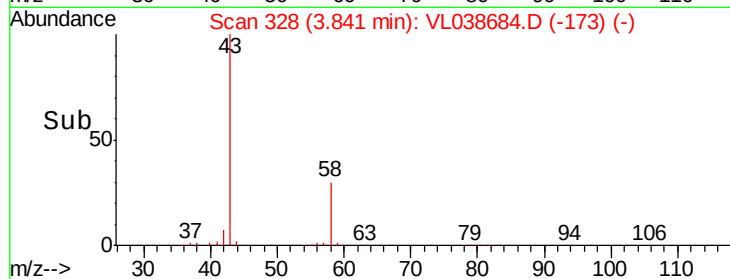
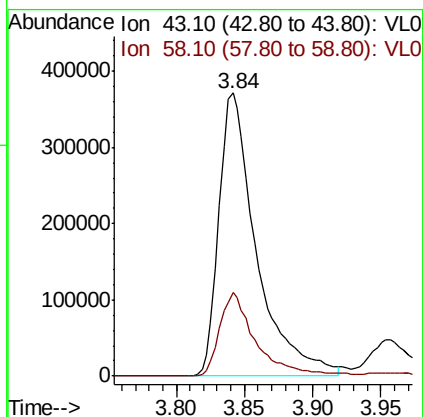
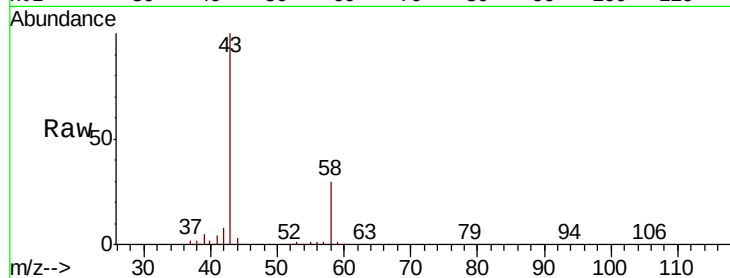
79 14.0 11.2 16.8





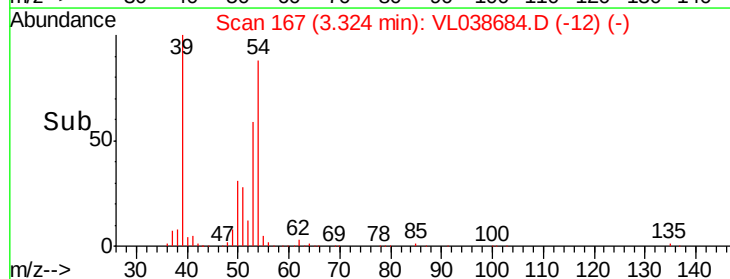
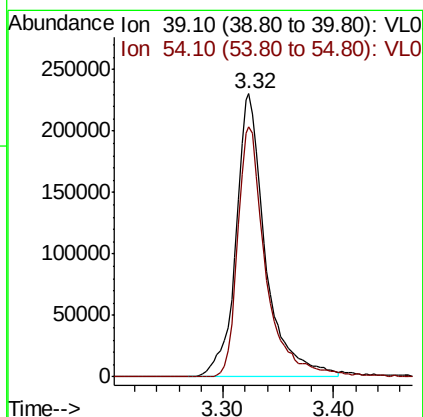
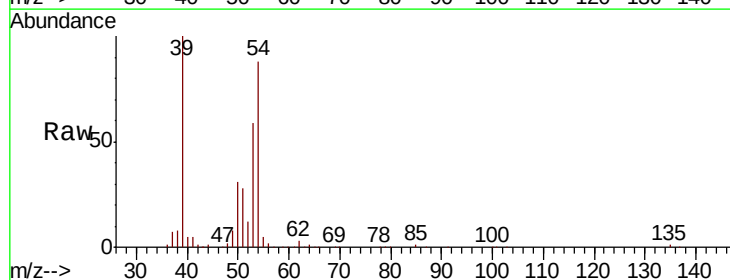
#15
Acetone
Concen: 9.649 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0322ABS01
Acq: 22 Mar 2022 14:39

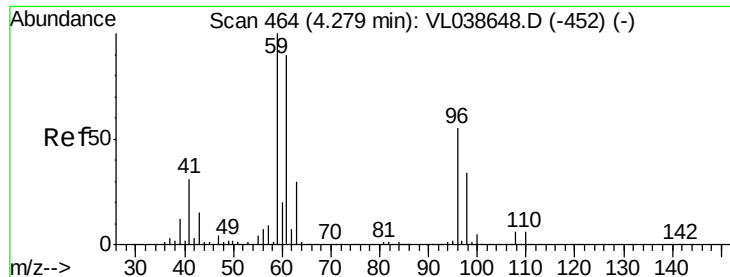
Tot Ion: 43 Resp: 710565
Ion Ratio Lower Upper
43 100
58 28.4 23.3 34.9



#16
1,3-Butadiene
Concen: 10.179 ppbv
RT: 3.32 min Scan# 167
Delta R.T. -0.00 min
Lab File: VL038648.D
Acq: 22 Mar 2022 14:39

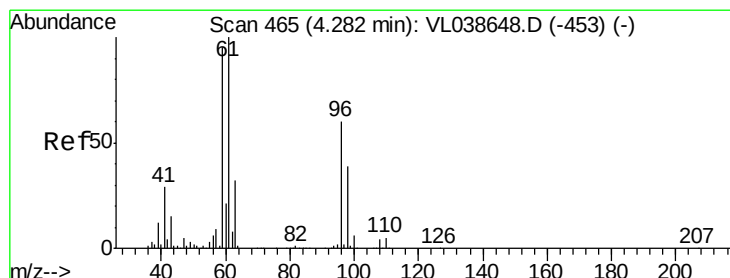
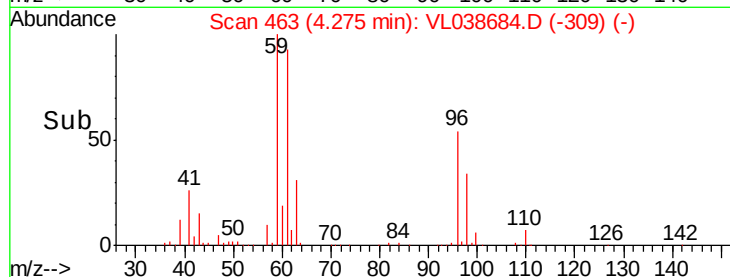
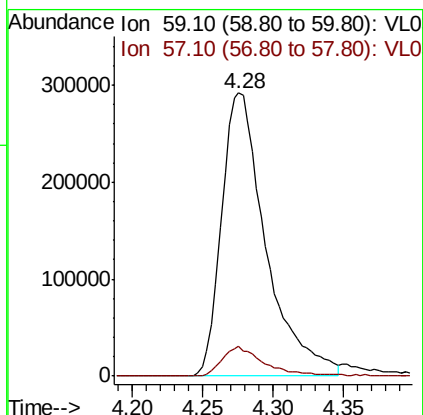
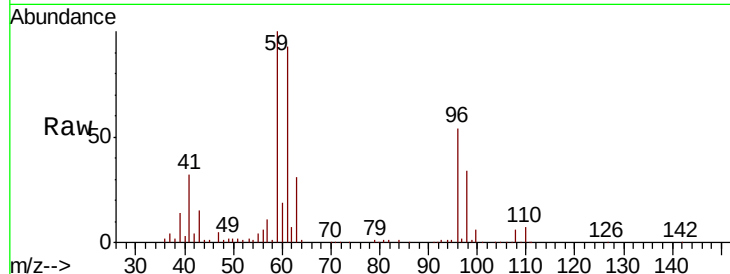
Tgt Ion: 39 Resp: 425370
Ion Ratio Lower Upper
39 100
54 85.2 69.1 103.7





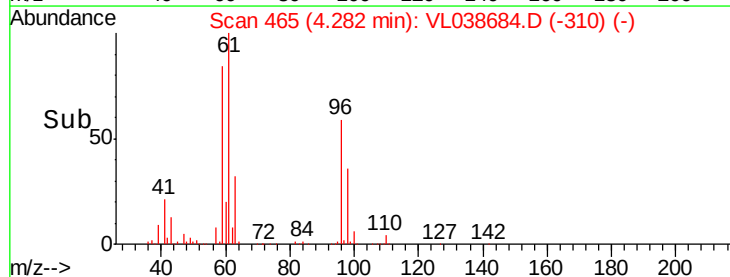
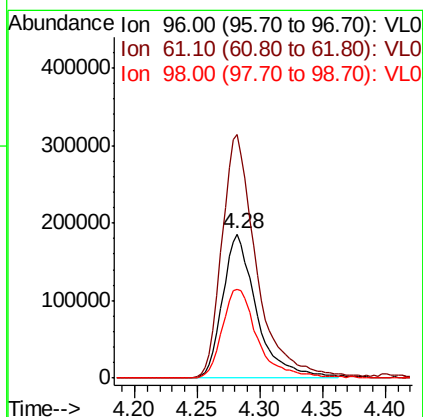
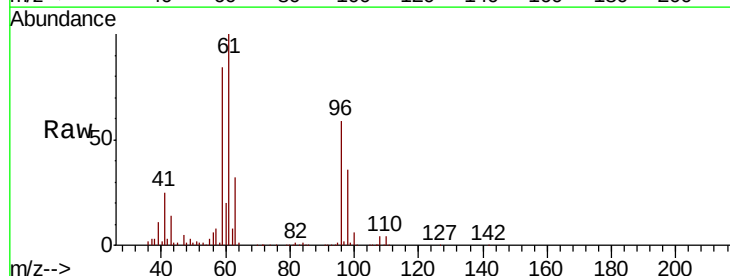
#17
tert-Butyl alcohol
Concen: 9.967 ppbv
RT: 4.28
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0322ABS01
Acq: 22 Mar 2022 14:39

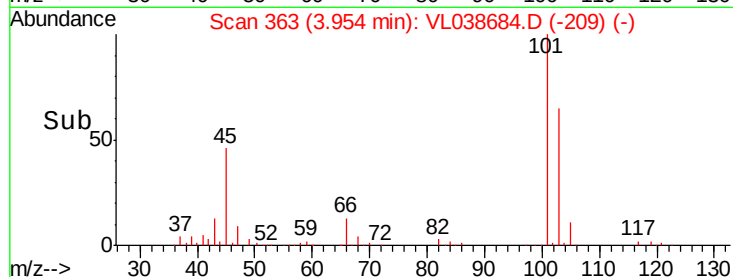
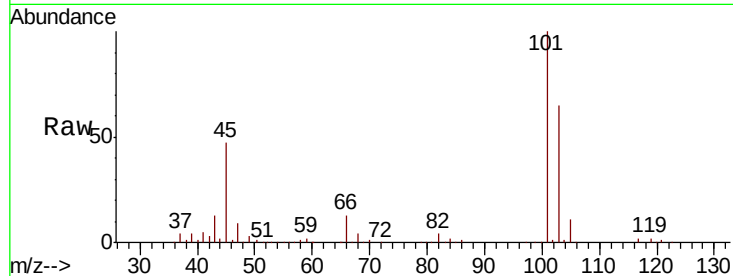
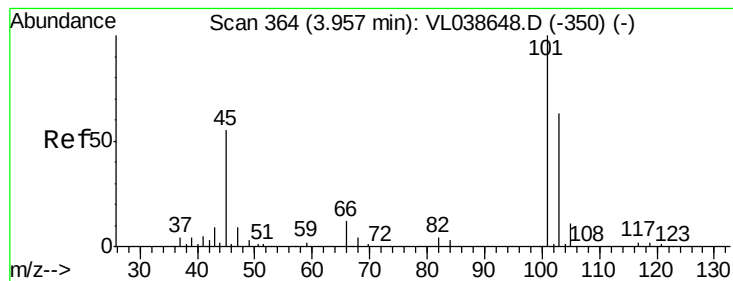
Tot Ion: 59 Resp: 640999
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#18
1,1-Dichloroethene
Concen: 9.985 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.00 min
Lab File: VL038684.D
Acq: 22 Mar 2022 14:39

Tgt Ion: 96 Resp: 349645
Ion Ratio Lower Upper
96 100
61 168.6 132.4 198.6
98 61.2 51.6 77.4





#19

Isopropyl Alcohol

Concen: 9.574 ppbv

RT: 3.95 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VL0322ABS01

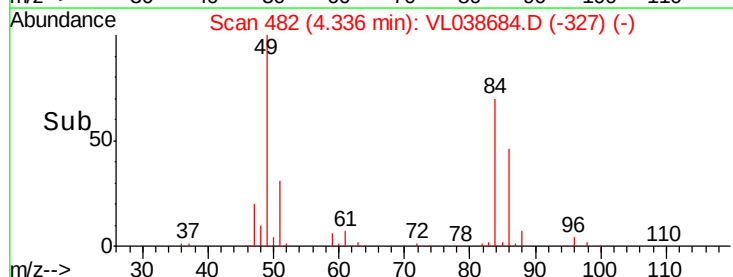
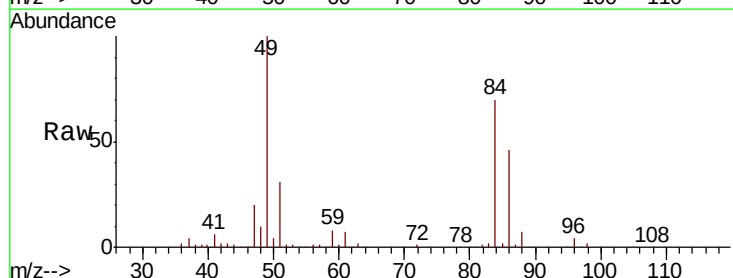
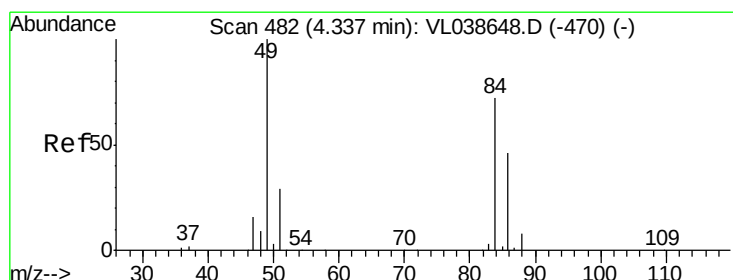
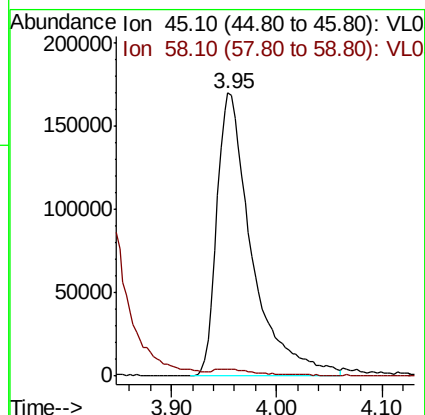
Acq: 22 Mar 2022 14:39

Tot Ion: 45 Resp: 390872

Ion Ratio Lower Upper

45 100

58 3.6 2.3 3.5#



#20

Methylene Chloride

Concen: 9.121 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL038648.D

Acq: 22 Mar 2022 14:39

Tgt Ion: 84 Resp: 282914

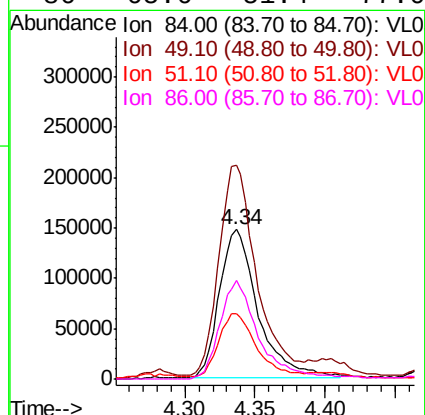
Ion Ratio Lower Upper

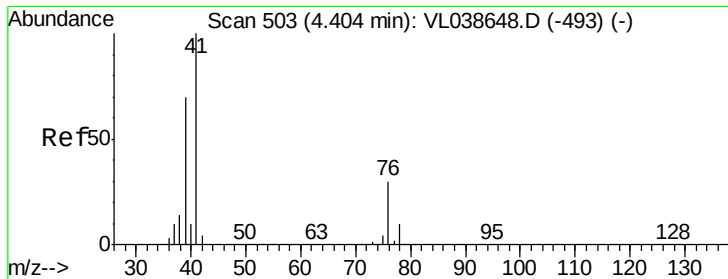
84 100

49 141.4 111.2 166.8

51 42.7 32.8 49.2

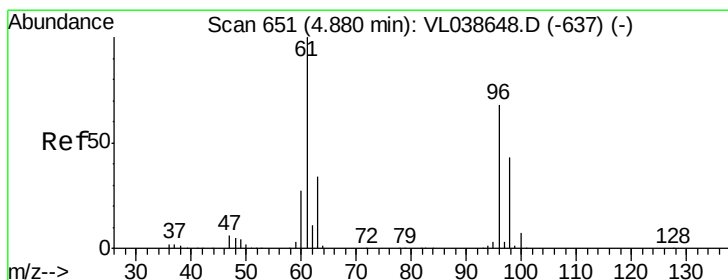
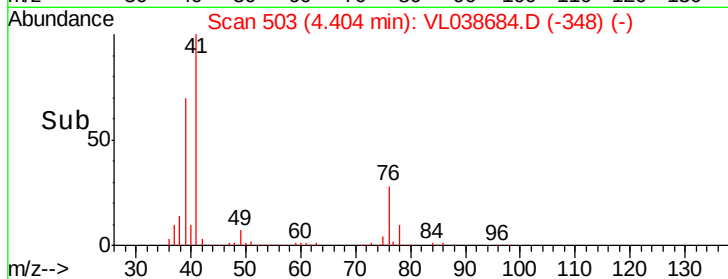
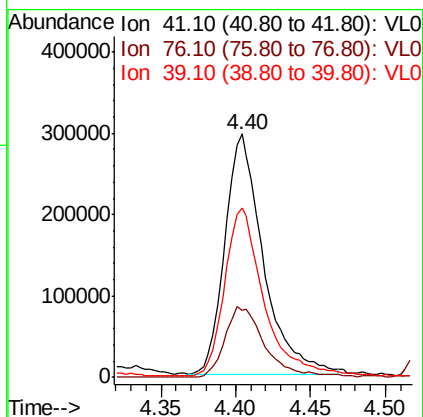
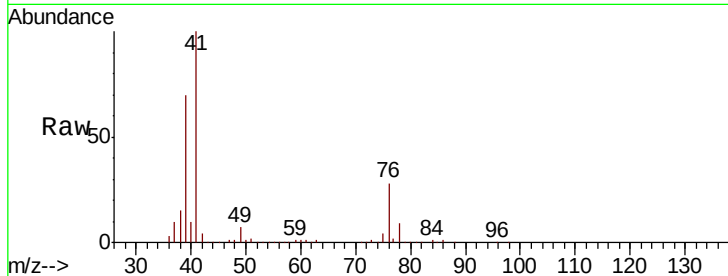
86 65.6 51.4 77.0





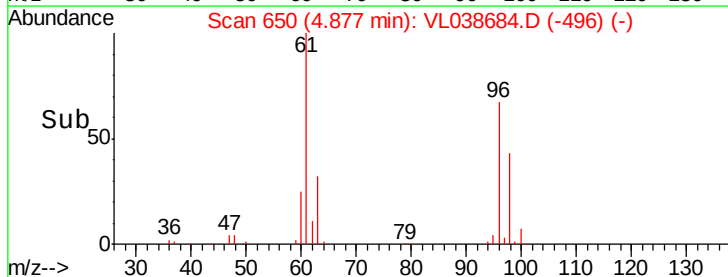
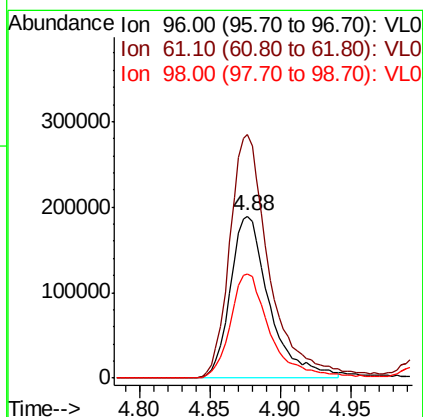
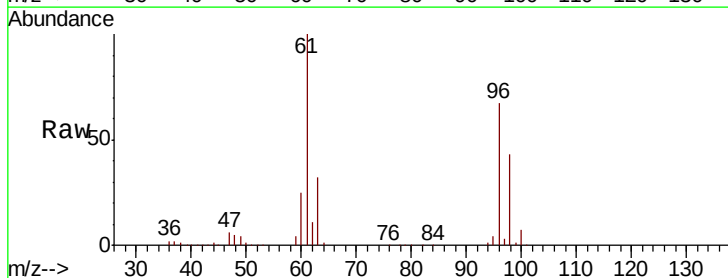
#21
 Allvl Chloride
 Concen: 9.963 ppbv
 RT: 4.40
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VL0322ABS01
 Acq: 22 Mar 2022 14:39

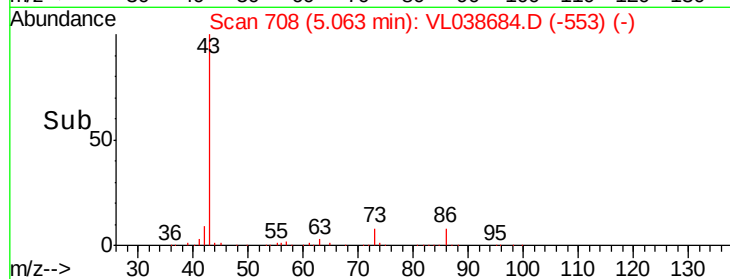
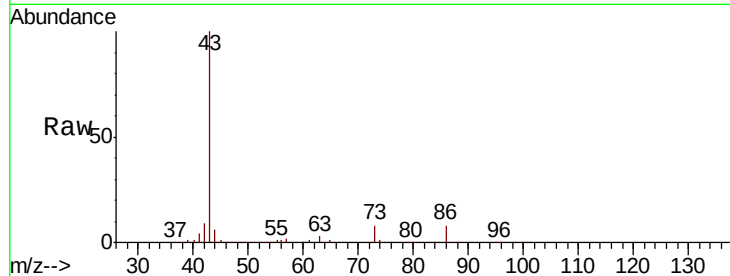
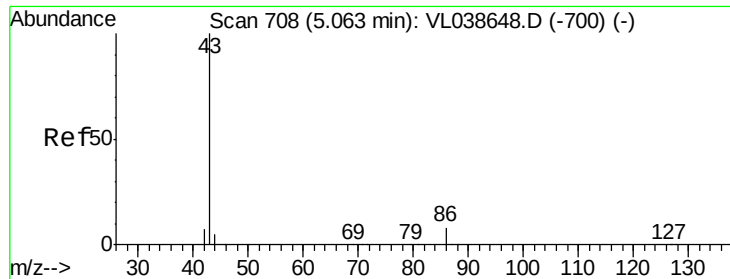
Tot Ion	Ratio	Lower	Upper
41	100		
76	30.8	25.0	37.6
39	72.3	56.6	85.0



#22
 trans-1,2-Dichloroethene
 Concen: 10.157 ppbv
 RT: 4.88 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: VL038648.D
 Acq: 22 Mar 2022 14:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.0	118.3	177.5
98	64.1	51.3	76.9





#23

Vinyl Acetate

Concen: 10.614 ppbv

RT: 5.06 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0322ABS01

Acq: 22 Mar 2022 14:39

Tot Ion: 43 Resp: 756828

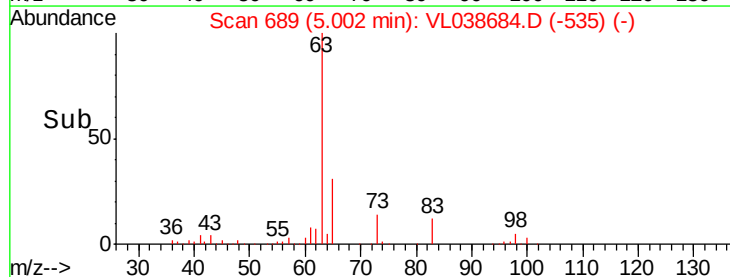
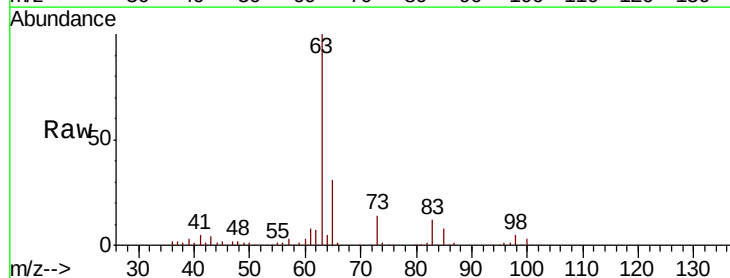
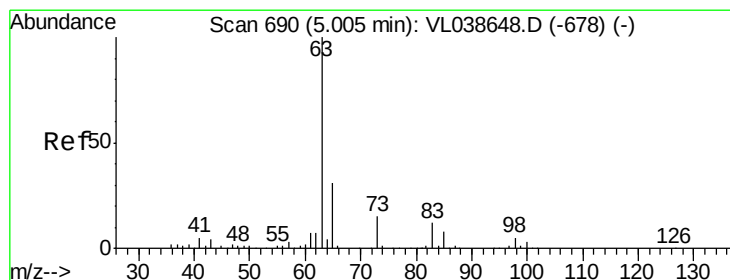
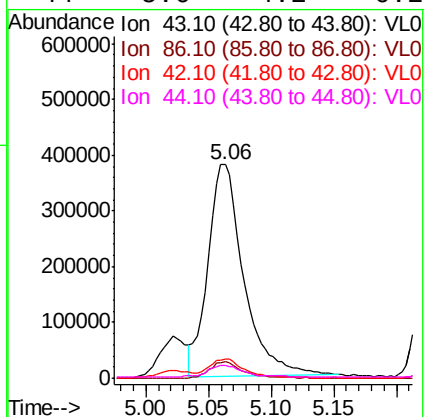
Ion Ratio Lower Upper

43 100

86 7.6 5.6 8.4

42 8.9 6.8 10.2

44 5.6 4.2 6.2



#24

1,1-Dichloroethane

Concen: 9.776 ppbv

RT: 5.00 min Scan# 689

Delta R.T. -0.00 min

Lab File: VL038648.D

Acq: 22 Mar 2022 14:39

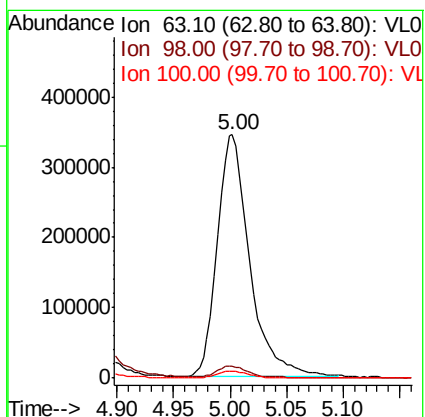
Tgt Ion: 63 Resp: 686561

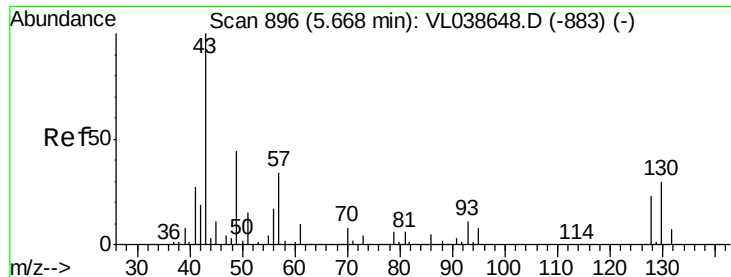
Ion Ratio Lower Upper

63 100

98 4.8 2.5 7.5

100 2.9 1.4 4.2

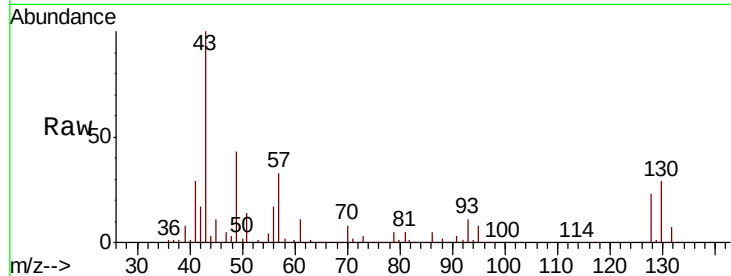




#25
Ethyl Acetate
Concen: 10.311 ppbv
RT: 5.66 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0322ABS01
Acq: 22 Mar 2022 14:39

Tot Ion: 43 Resp: 1911452

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.3	8.3	12.5
70	7.0	5.6	8.4



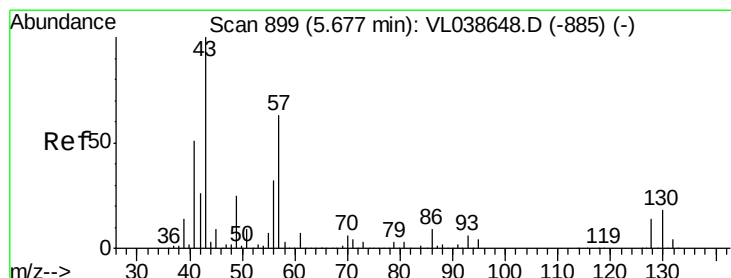
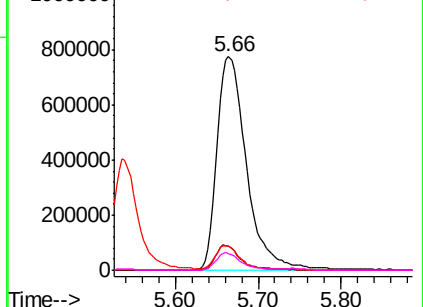
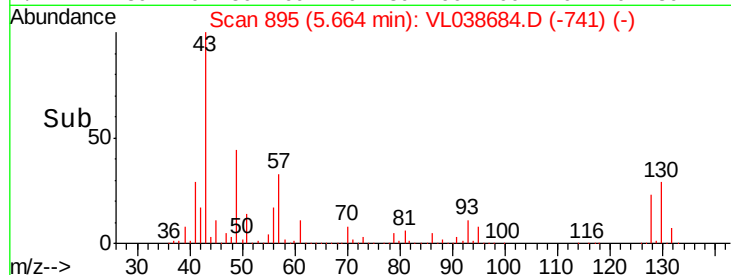
Abundance

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

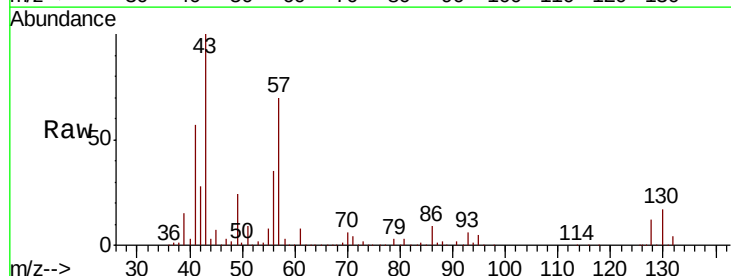
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.984 ppbv
RT: 5.68 min Scan# 899
Delta R.T.: -0.00 min
Lab File: VL038684.D
Acq: 22 Mar 2022 14:39

Tgt Ion: 57 Resp: 828569

Ion	Ratio	Lower	Upper
57	100		
41	85.5	67.0	100.4
43	231.6	184.2	276.2
56	53.6	42.6	64.0



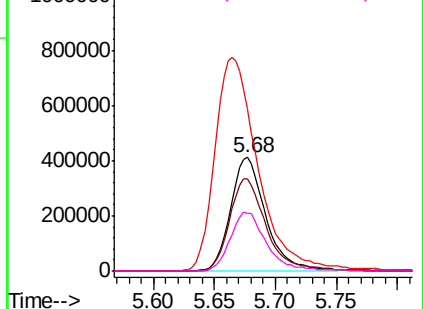
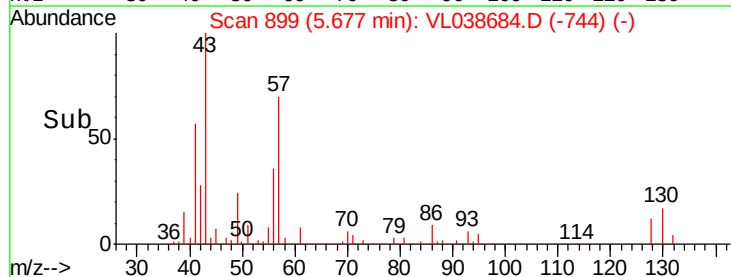
Abundance

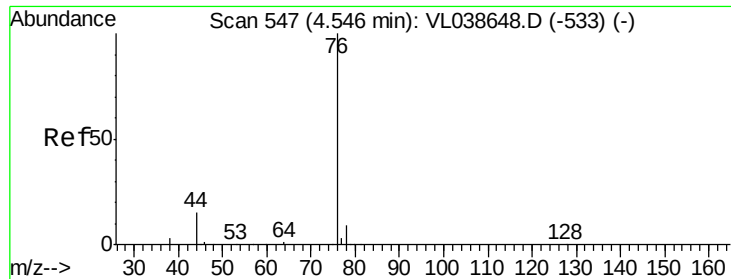
Ion 57.10 (56.80 to 57.80): VL0

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: 11.022 ppbv

RT: 4.54 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0322ABS01

Acq: 22 Mar 2022 14:39

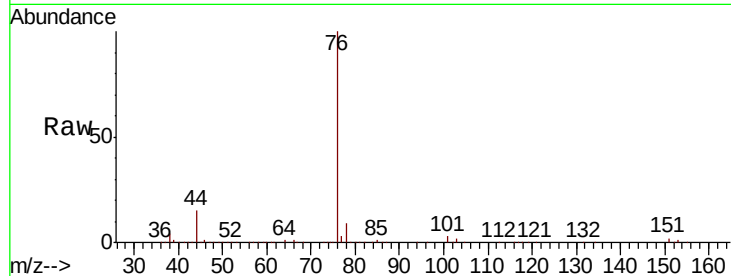
Tot Ion: 76 Resp: 897334

Ion Ratio Lower Upper

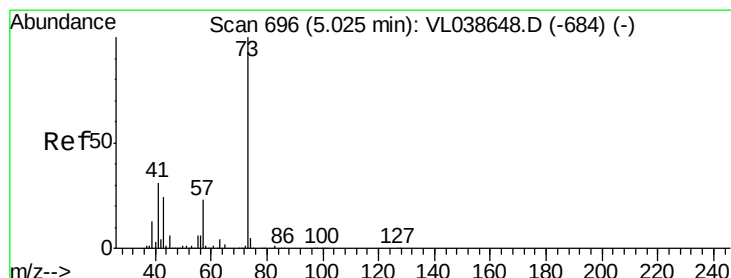
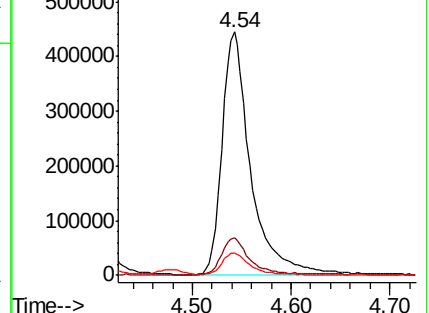
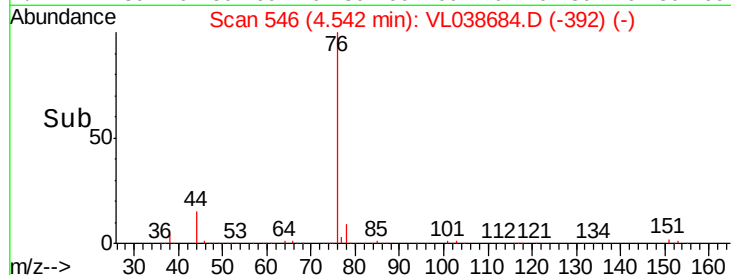
76 100

44 15.6 12.4 18.6

78 9.6 7.8 11.8



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



#28

Methyl tert-Butyl Ether

Concen: 10.139 ppbv

RT: 5.02 min Scan# 695

Delta R.T. -0.00 min

Lab File: VL038684.D

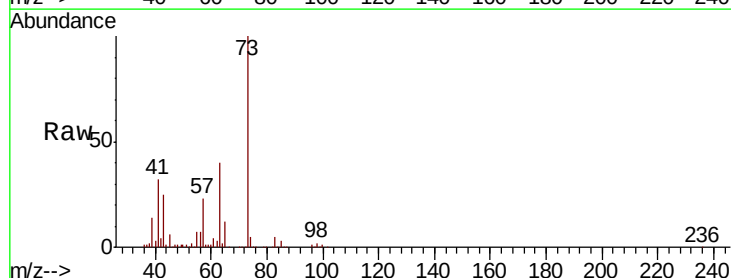
Acq: 22 Mar 2022 14:39

Tgt Ion: 73 Resp: 626806

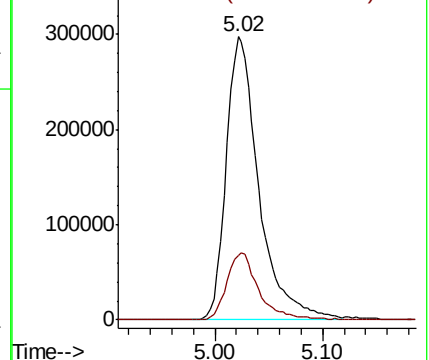
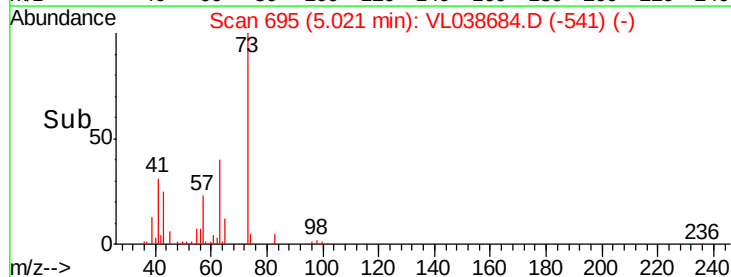
Ion Ratio Lower Upper

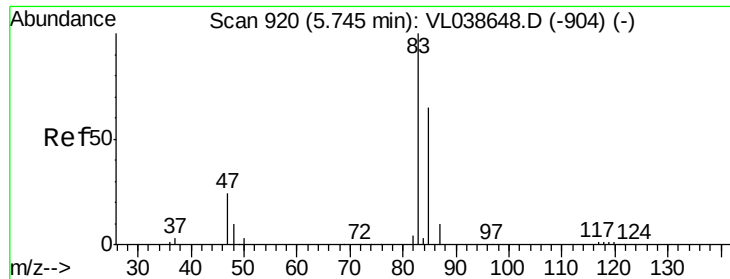
73 100

57 23.6 19.2 28.8



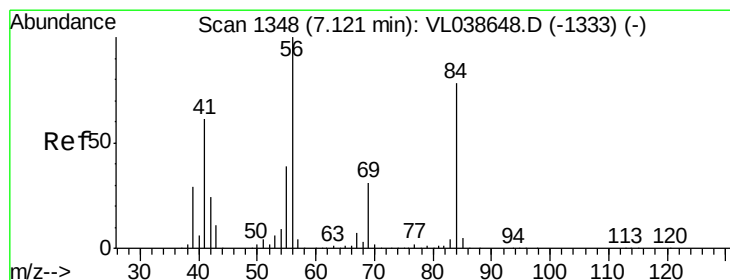
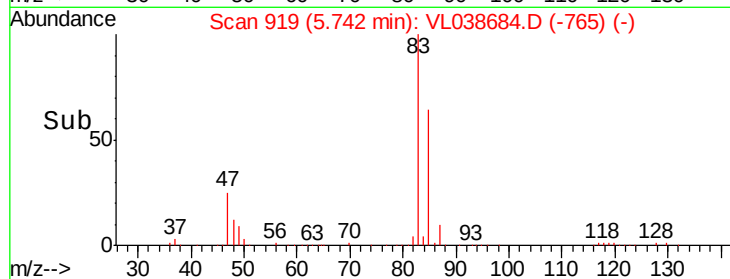
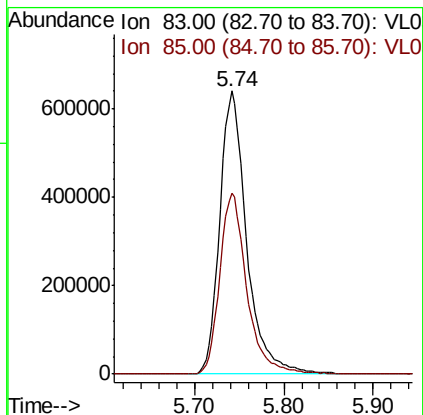
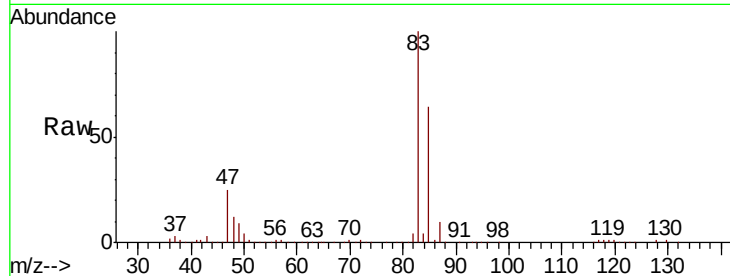
Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





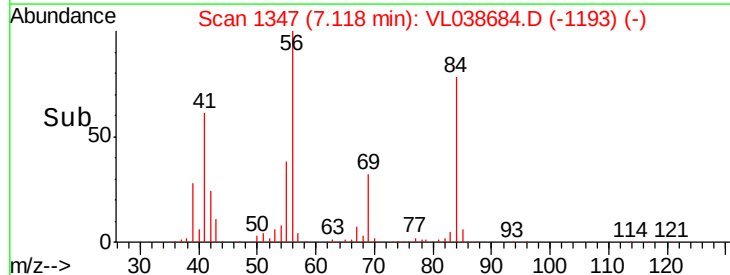
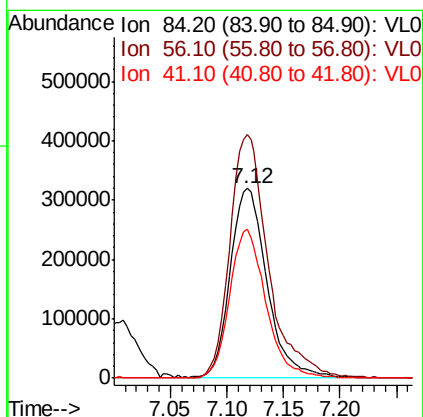
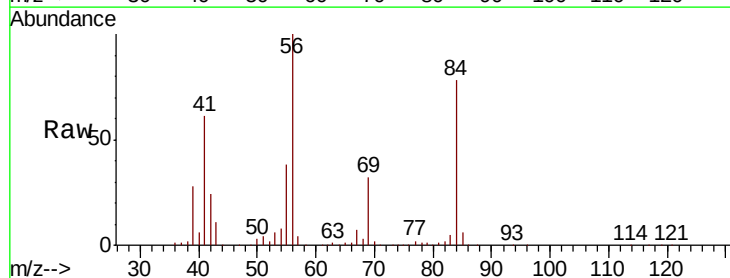
#29
Chloroform
Concen: 10.081 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 22 Mar 2022 14:39

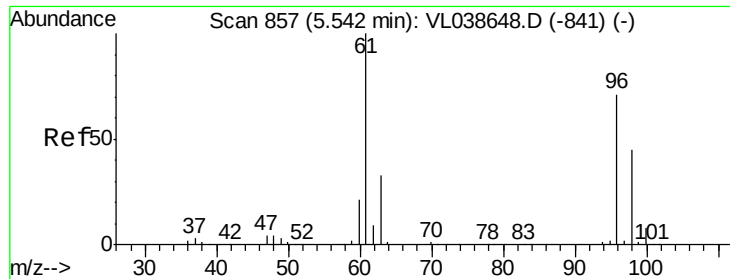
Tot Ion: 83 Resp: 1339631
Ion Ratio Lower Upper
83 100
85 63.8 51.7 77.5



#30
Cyclohexane
Concen: 10.048 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VL038684.D
Acq: 22 Mar 2022 14:39

Tgt Ion: 84 Resp: 725051
Ion Ratio Lower Upper
84 100
56 134.5 108.2 162.4
41 77.3 61.8 92.6





#31

cis-1,2-Dichloroethene

Concen: 10.508 ppbv

RT: 5.54

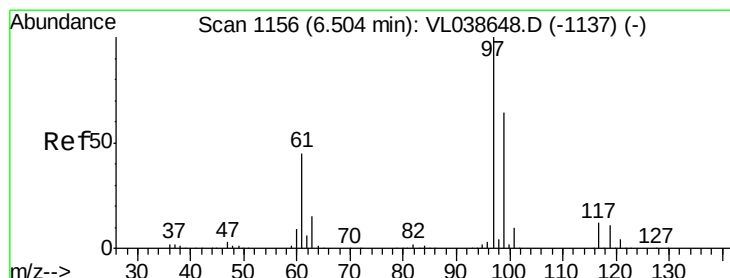
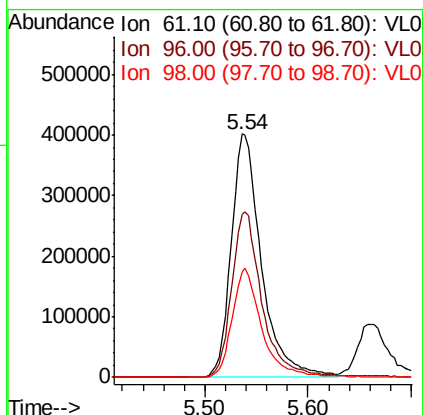
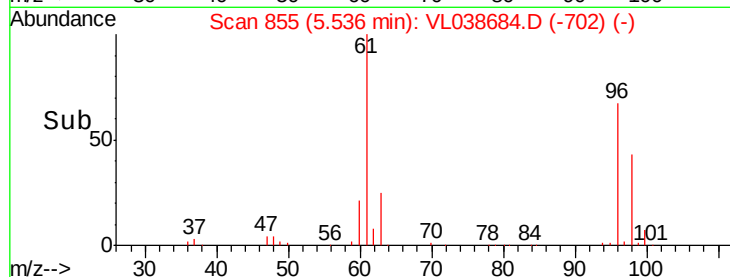
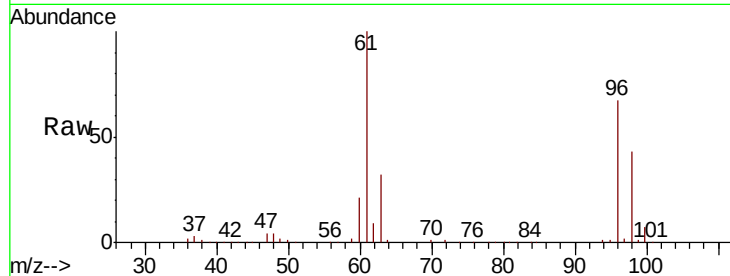
Delta R.T. MSVOA_L

Lab File: ClientSampleId : VL0322ABS01

Acq: 22 Mar 2022 14:39

Tot Ion: 61 Resp: 819998

Ion	Ratio	Lower	Upper
61	100		
96	66.9	56.6	84.8
98	43.1	36.3	54.5



#32

1,1,1-Trichloroethane

Concen: 10.061 ppbv

RT: 6.50 min Scan# 1155

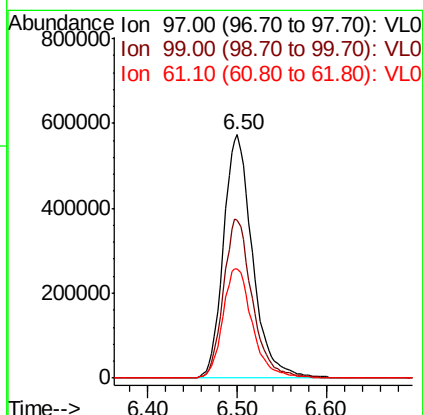
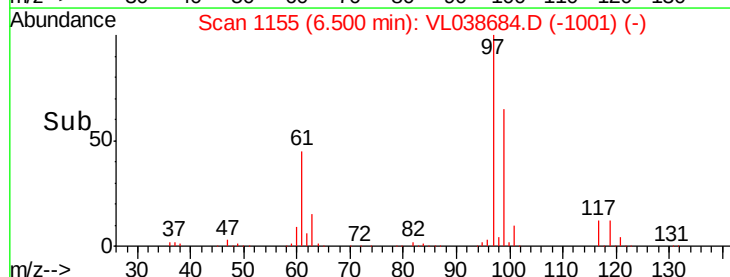
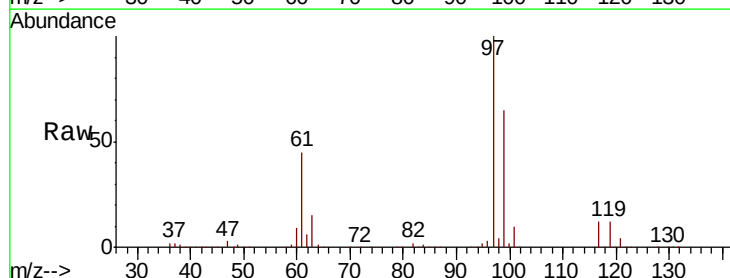
Delta R.T. -0.00 min

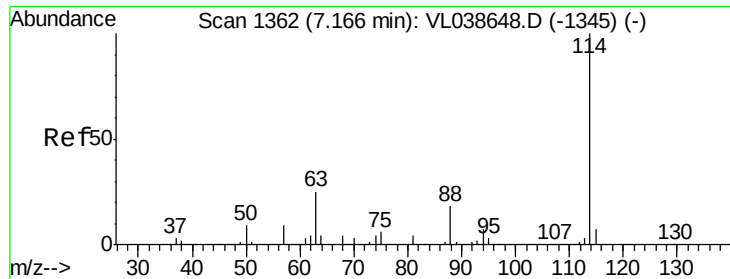
Lab File: VL038648.D

Acq: 22 Mar 2022 14:39

Tgt Ion: 97 Resp: 1290173

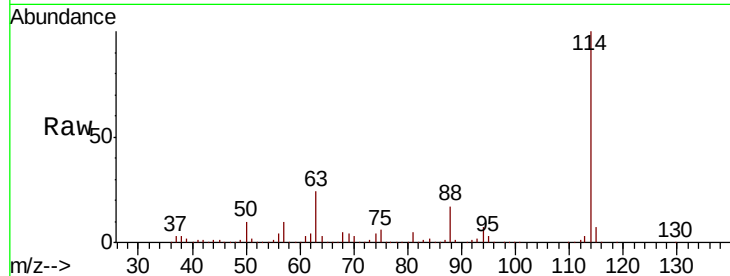
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.8	77.8
61	46.0	36.7	55.1



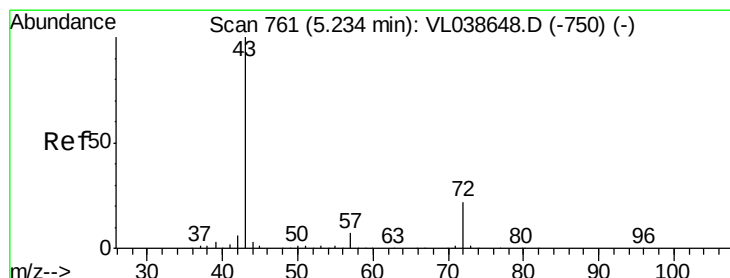
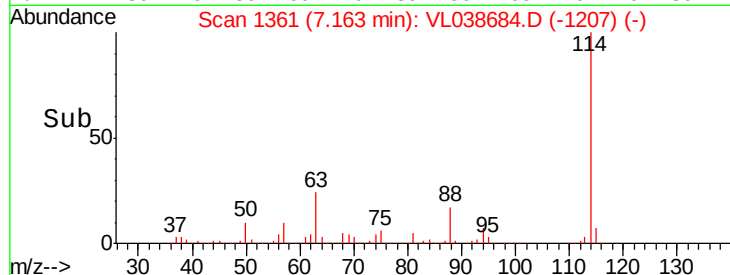
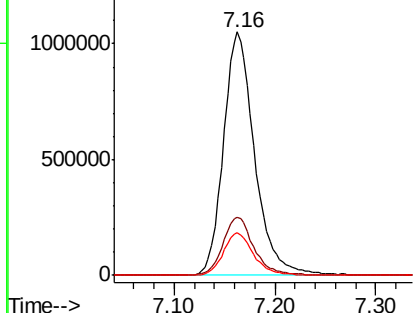


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0322ABS01
 Acq: 22 Mar 2022 14:39

Tot Ion:114 Resp: 2261576
 Ion Ratio Lower Upper
 114 100
 63 23.9 19.4 29.0
 88 17.1 13.9 20.9

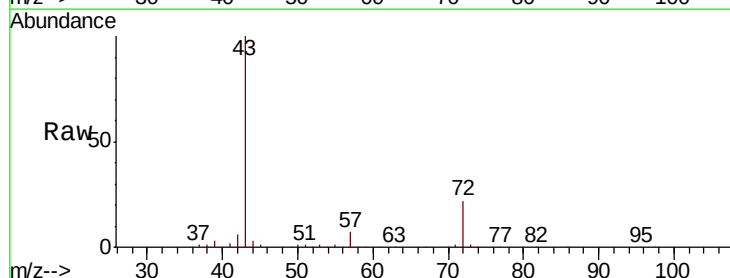


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

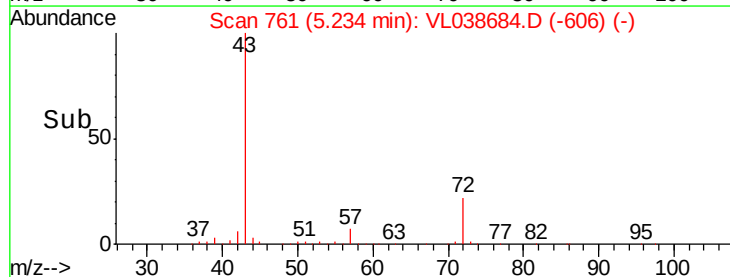
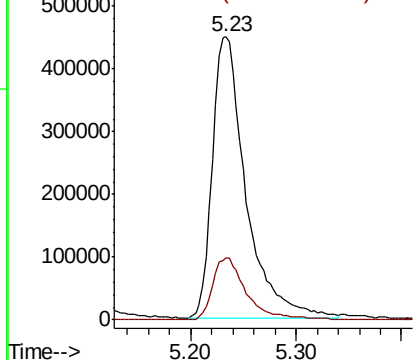


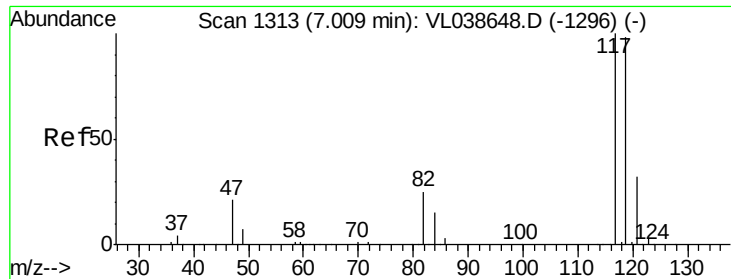
#34
 2-Butanone
 Concen: 11.026 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: VL038684.D
 Acq: 22 Mar 2022 14:39

Tgt Ion: 43 Resp: 986957
 Ion Ratio Lower Upper
 43 100
 72 22.6 17.8 26.8



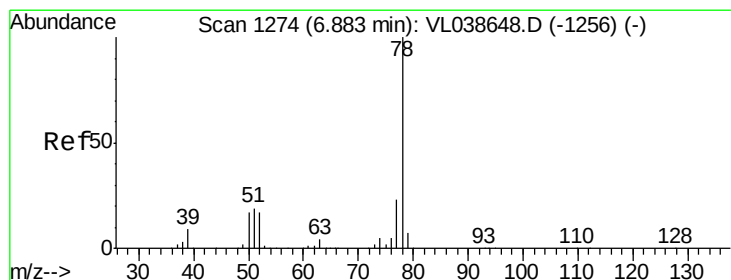
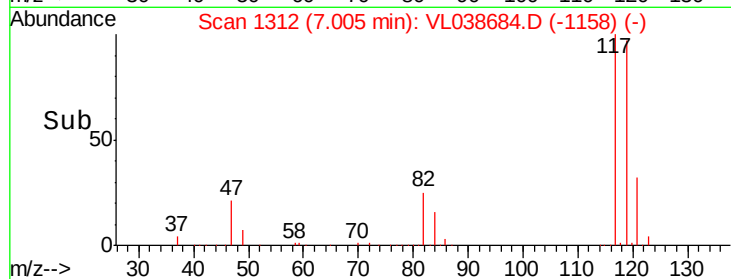
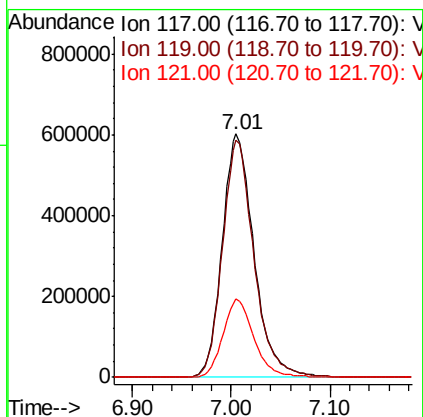
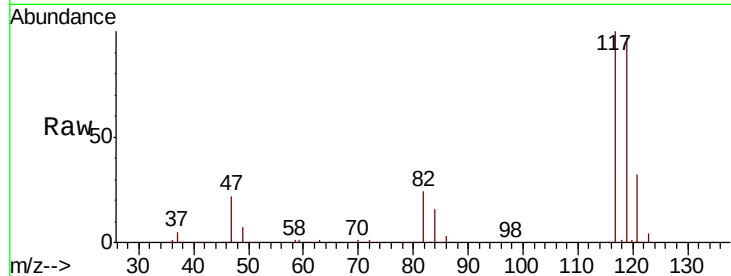
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





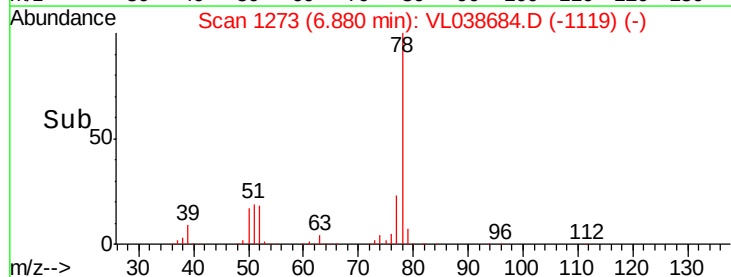
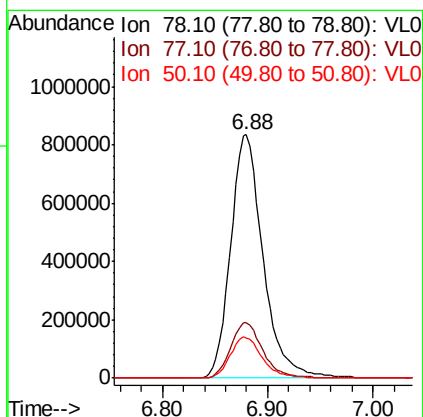
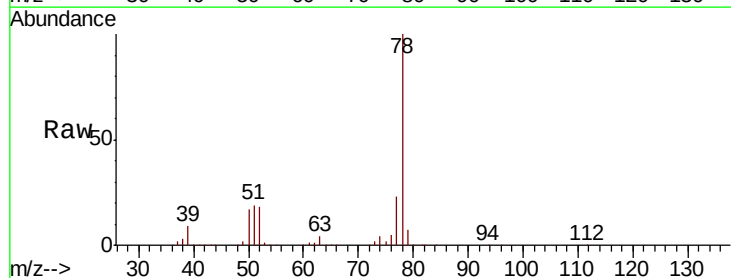
#35
 Carbon Tetrachloride
 Concen: 10.345 ppbv
 RT: 7.01
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0322ABS01
 Acq: 22 Mar 2022 14:39

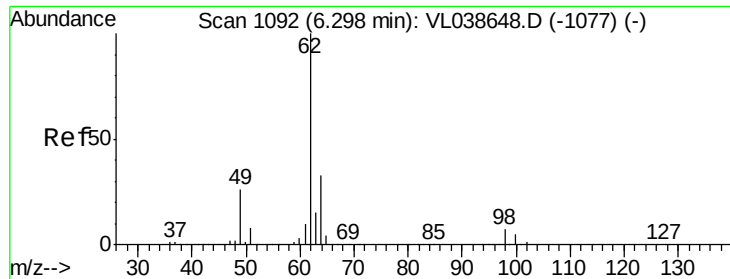
Tot Ion:117 Resp: 1357540
 Ion Ratio Lower Upper
 117 100
 119 97.1 78.1 117.1
 121 32.1 25.8 38.6



#36
 Benzene
 Concen: 10.175 ppbv
 RT: 6.88 min Scan# 1273
 Delta R.T.: -0.00 min
 Lab File: VL038648.D
 Acq: 22 Mar 2022 14:39

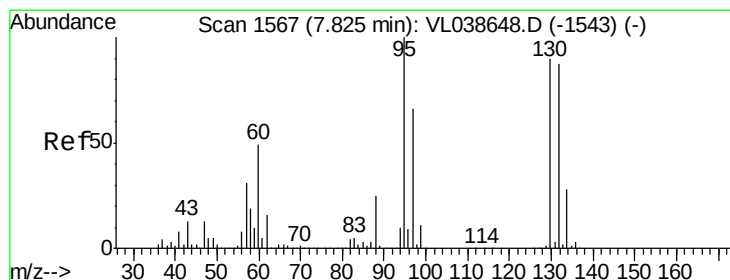
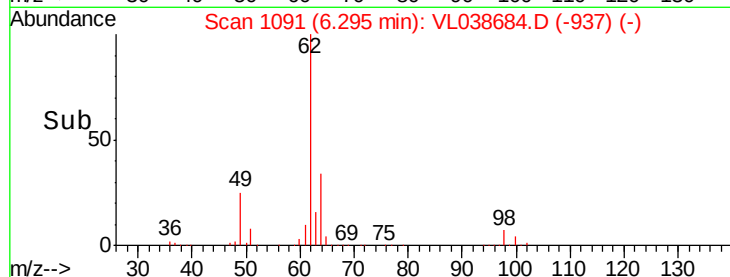
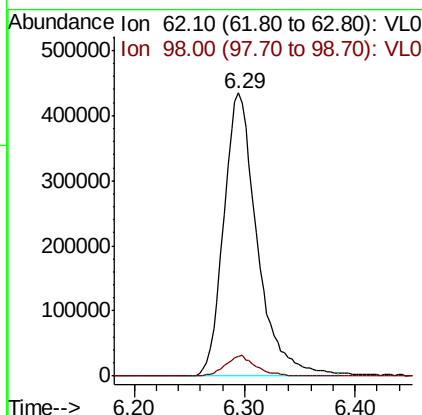
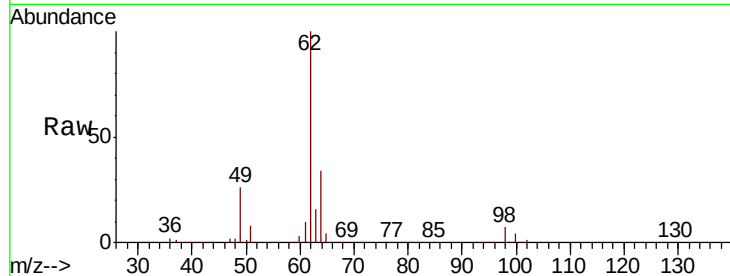
Tgt Ion: 78 Resp: 1776077
 Ion Ratio Lower Upper
 78 100
 77 23.0 18.1 27.1
 50 16.6 13.6 20.4





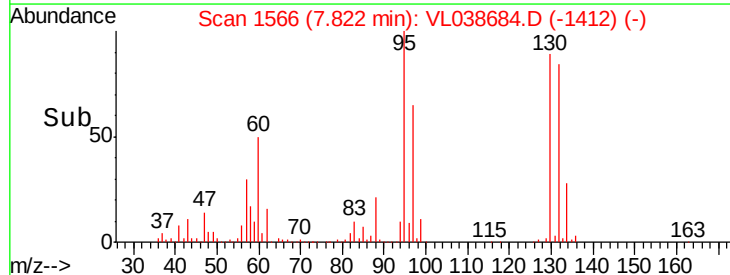
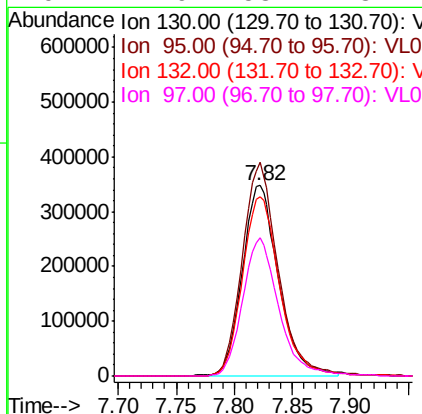
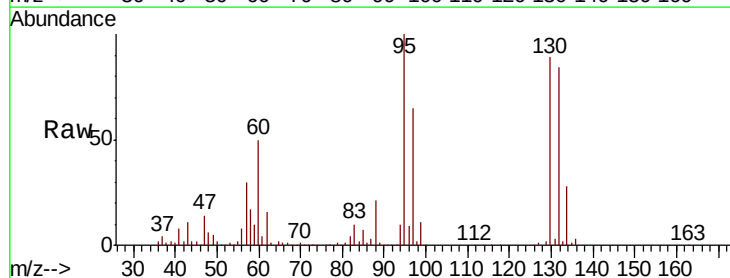
#37
 1,2-Dichloroethane
 Concen: 10.285 ppbv
 RT: 6.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0322ABS01
 Acq: 22 Mar 2022 14:39

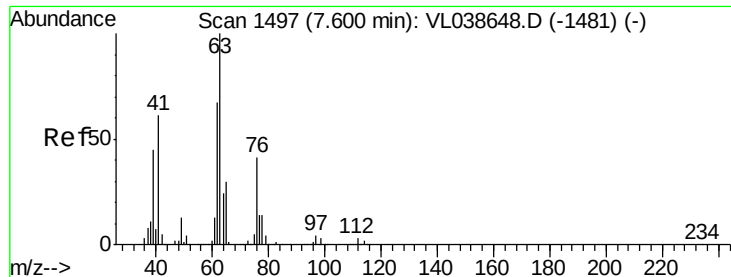
Tot Ion: 62 Resp: 913210
 Ion Ratio Lower Upper
 62 100
 98 6.9 5.6 8.4



#38
 Trichloroethene
 Concen: 10.376 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VL038684.D
 Acq: 22 Mar 2022 14:39

Tgt Ion:130 Resp: 758656
 Ion Ratio Lower Upper
 130 100
 95 112.4 88.9 133.3
 132 94.6 77.4 116.0
 97 72.9 58.2 87.4





#39

1,2-Dichloropropane

Concen: 9.950 ppbv

RT: 7.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Mar 2022 14:39

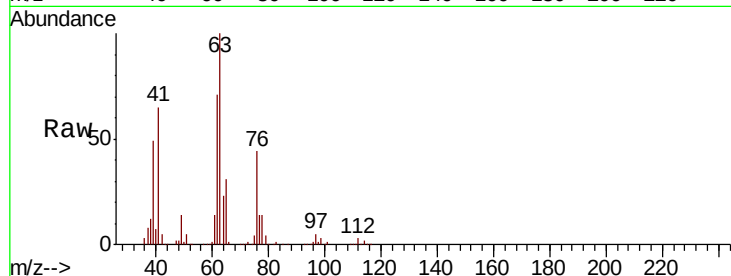
Tot Ion: 63 Resp: 678973

Ion Ratio Lower Upper

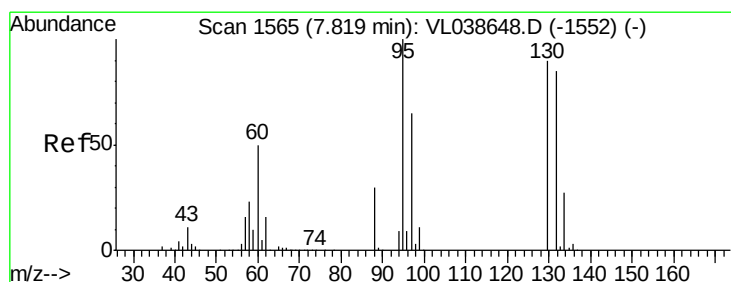
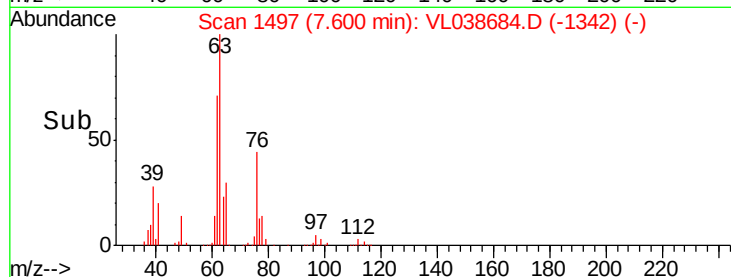
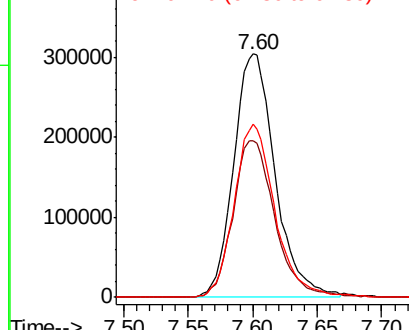
63 100

41 64.3 49.0 73.6

62 70.8 53.9 80.9



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 9.302 ppbv

RT: 7.82 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VL038648.D

Acq: 22 Mar 2022 14:39

Tgt Ion: 88 Resp: 220412

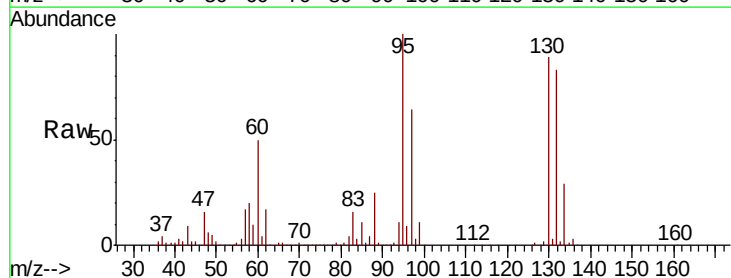
Ion Ratio Lower Upper

88 100

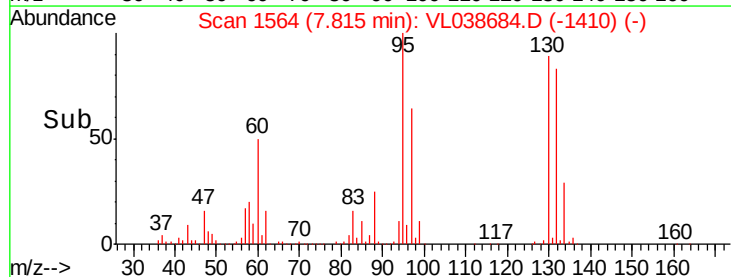
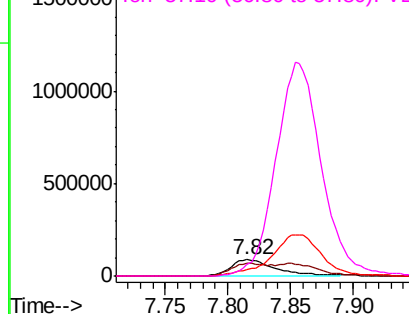
58 138.9 105.6 158.4

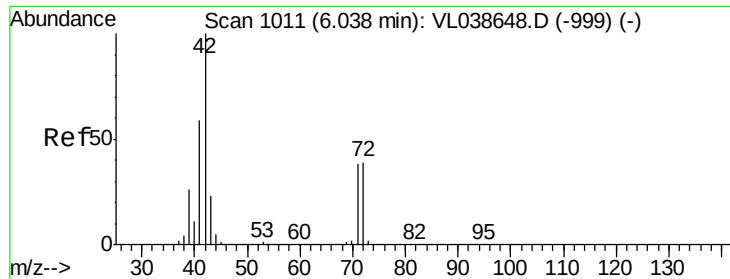
43 283.4 201.9 302.9

57 1335.3 942.1 1413.1



Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 10.229 ppbv

RT: 6.04 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 22 Mar 2022 14:39 VL0322ABS01

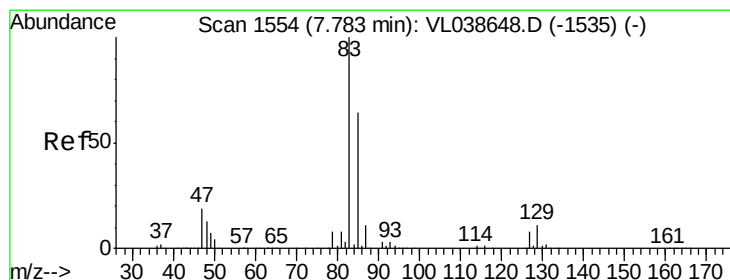
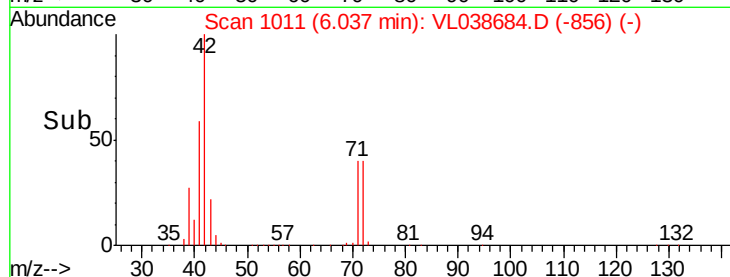
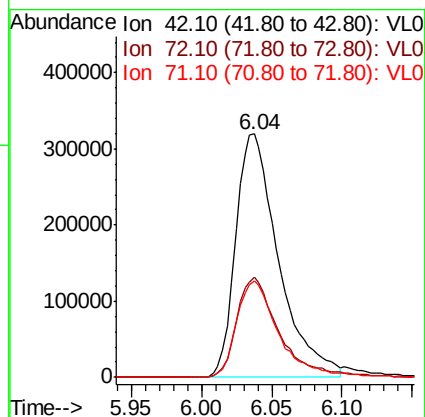
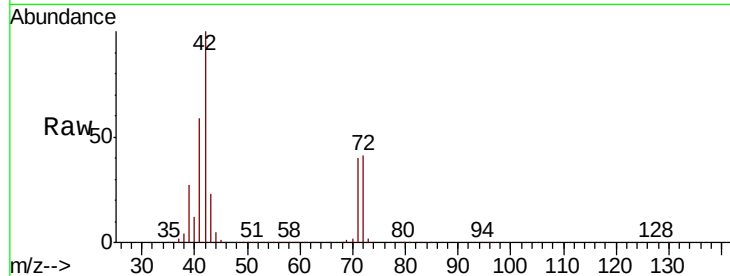
Tot Ion: 42 Resp: 681445

Ion Ratio Lower Upper

42 100

72 41.1 32.5 48.7

71 39.4 31.4 47.2



#42

Bromodichloromethane

Concen: 10.560 ppbv

RT: 7.78 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VL038684.D

Acq: 22 Mar 2022 14:39

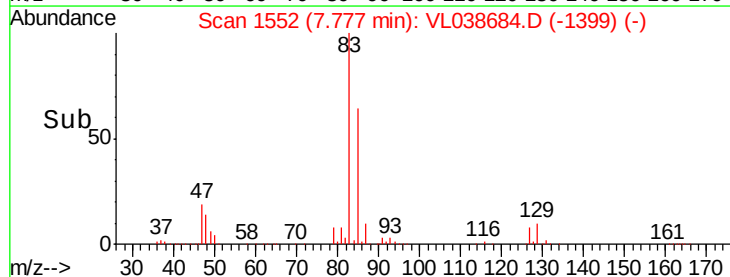
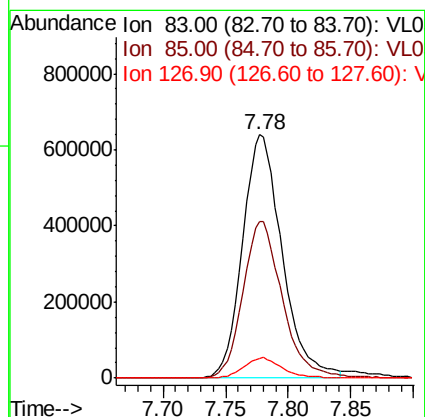
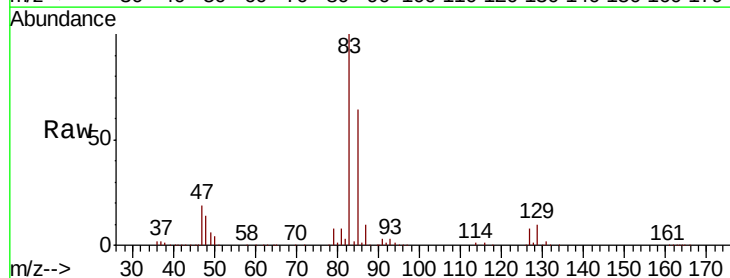
Tgt Ion: 83 Resp: 1405747

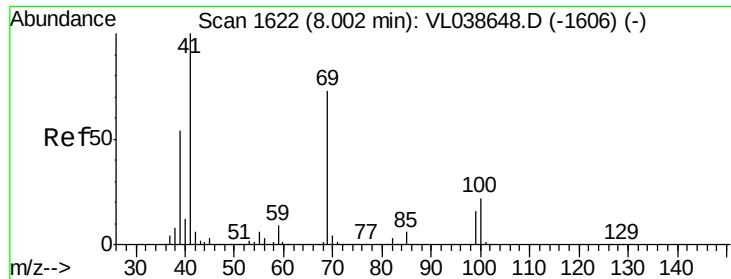
Ion Ratio Lower Upper

83 100

85 64.1 51.1 76.7

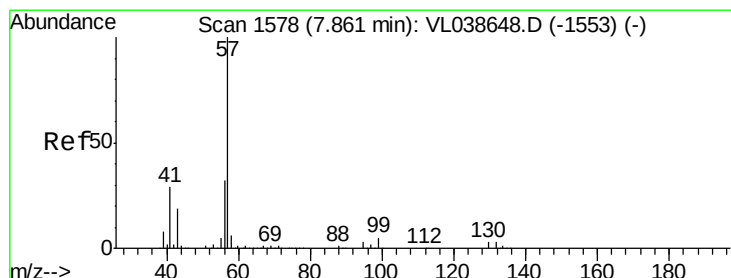
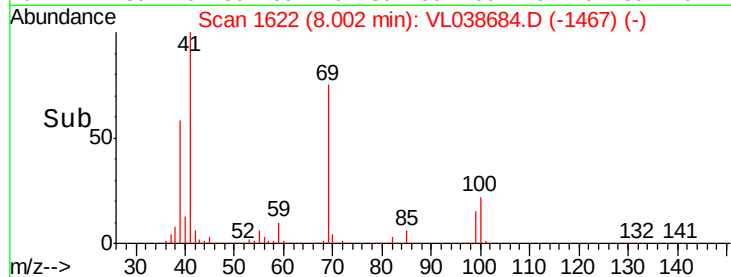
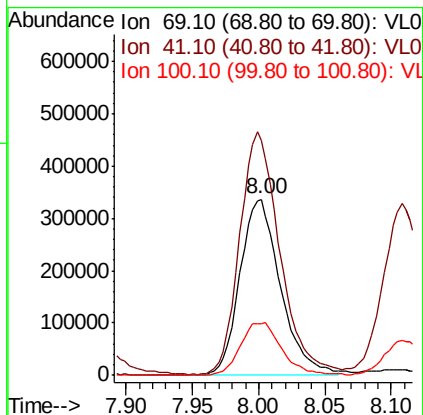
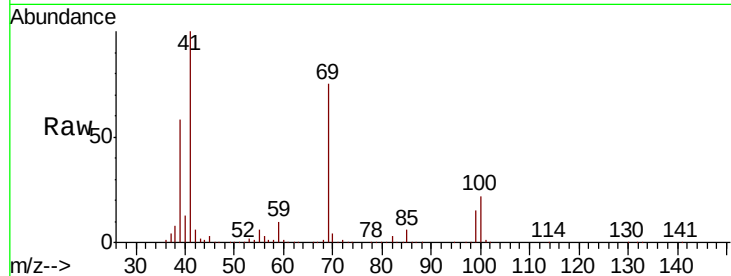
127 8.1 6.5 9.7





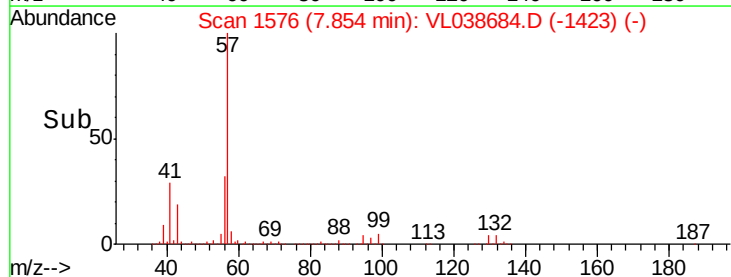
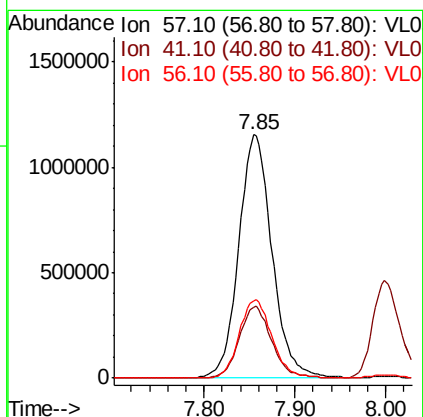
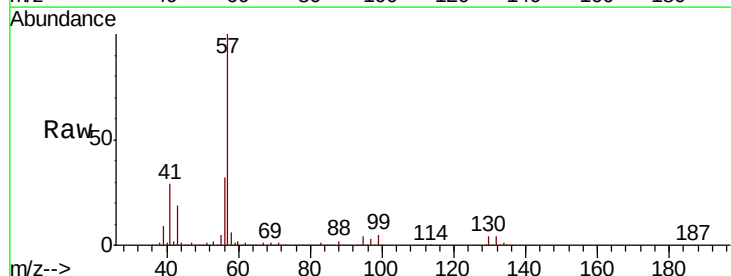
#43
Methyl Methacrylate
Concen: 11.048 ppbv
RT: 8.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0322ABS01
Acq: 22 Mar 2022 14:39

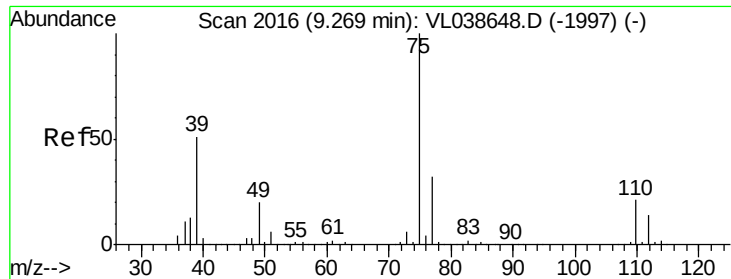
Tot Ion: 69 Resp: 715968
Ion Ratio Lower Upper
69 100
41 137.6 110.3 165.5
100 30.7 24.8 37.2



#44
2,2,4-Trimethylpentane
Concen: 10.022 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.01 min
Lab File: VL038648.D
Acq: 22 Mar 2022 14:39

Tgt Ion: 57 Resp: 2937070
Ion Ratio Lower Upper
57 100
41 29.0 23.0 34.4
56 31.7 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 12.200 ppbv

RT: 9.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

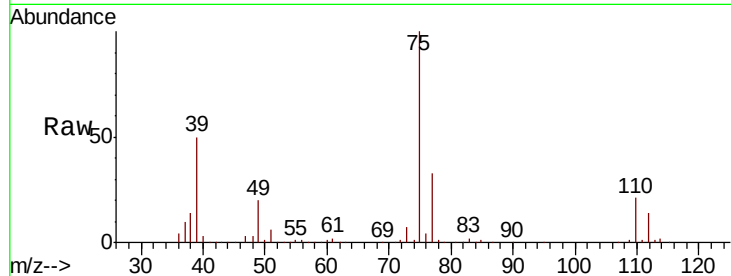
Acq: 22 Mar 2022 14:39 VL0322ABS01

Tot Ion: 75 Resp: 803867

Ion Ratio Lower Upper

75 100

77 33.1 25.5 38.3



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

9.27

400000

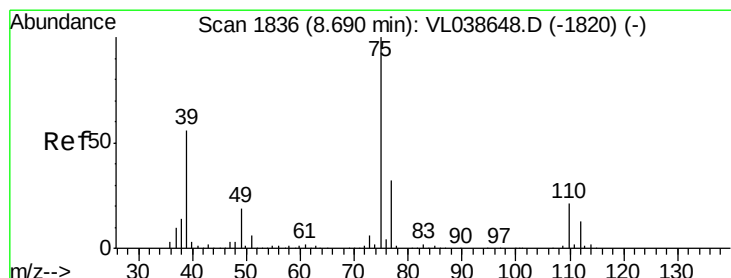
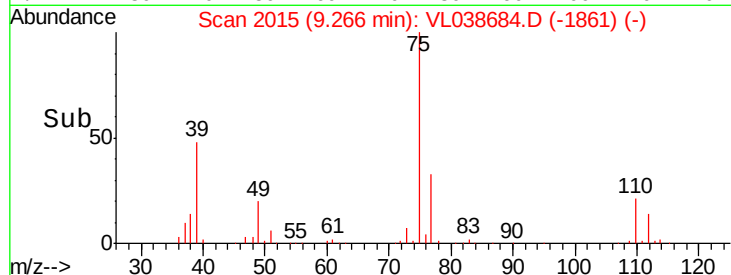
300000

200000

100000

0

Time-->



#46

cis-1,3-Dichloropropene

Concen: 11.378 ppbv

RT: 8.69 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VL038684.D

Acq: 22 Mar 2022 14:39

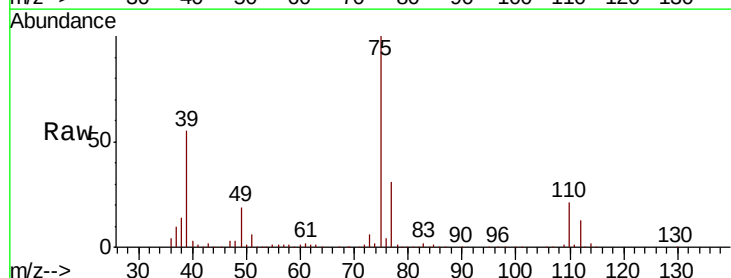
Tgt Ion: 75 Resp: 1013676

Ion Ratio Lower Upper

75 100

39 54.9 44.8 67.2

77 31.1 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

8.69

600000

500000

400000

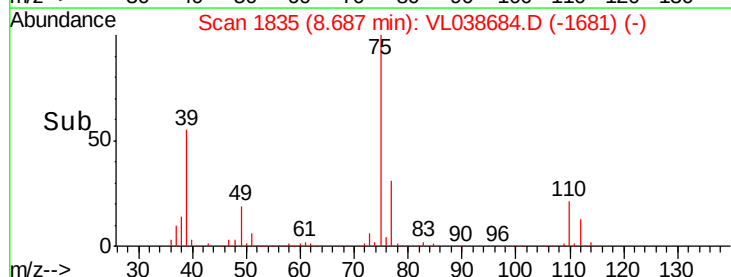
300000

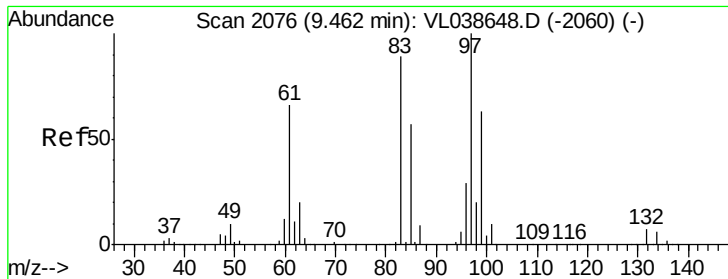
200000

100000

0

Time-->





#47

1,1,2-Trichloroethane

Concen: 10.014 ppbv

RT: 9.46 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Mar 2022 14:39 VL0322ABS01

Tot Ion: 97 Resp: 729539

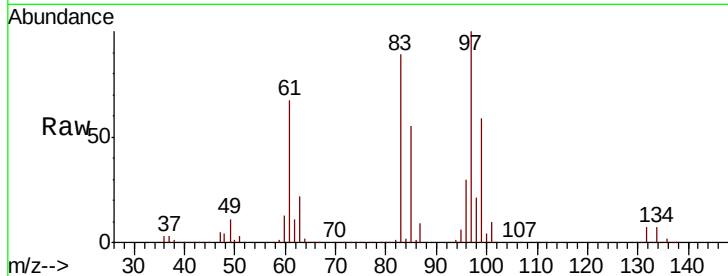
Ion Ratio Lower Upper

97 100

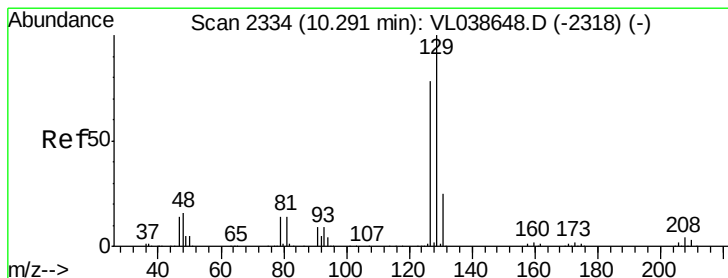
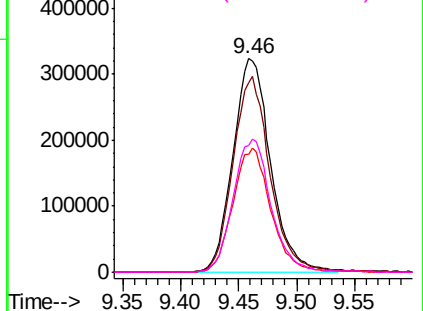
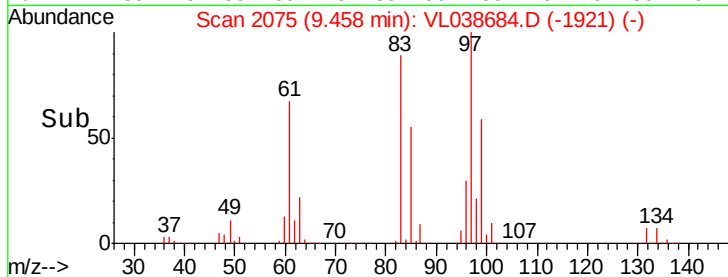
83 88.5 71.2 106.8

85 55.2 45.3 67.9

99 59.4 50.6 76.0



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 11.012 ppbv

RT: 10.29 min Scan# 2333

Delta R.T. -0.00 min

Lab File: VL038684.D

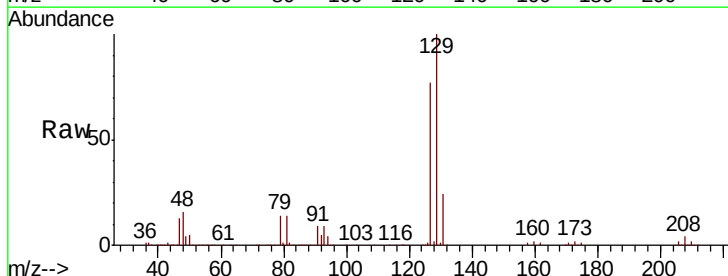
Acq: 22 Mar 2022 14:39

Tgt Ion:129 Resp: 1256630

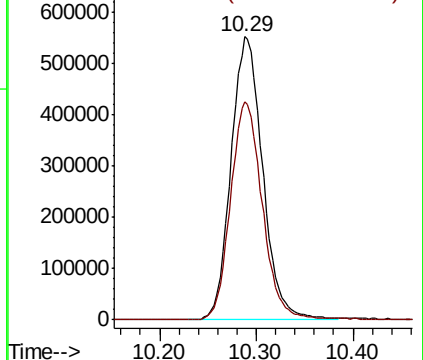
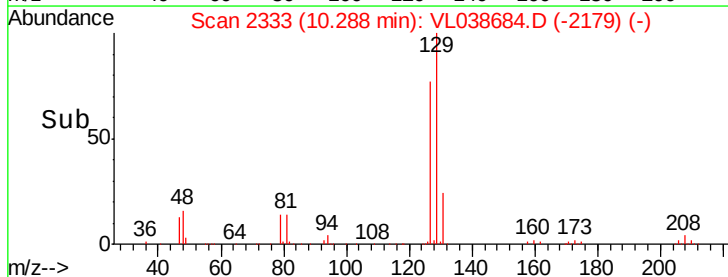
Ion Ratio Lower Upper

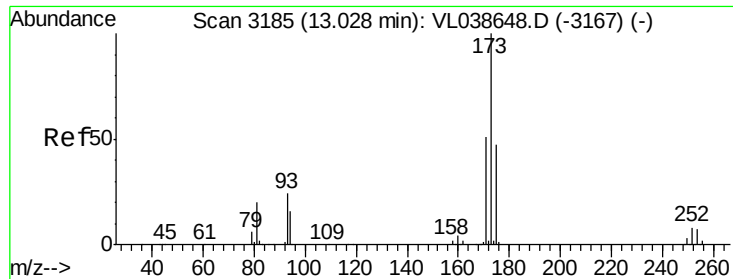
129 100

127 77.9 39.5 118.5



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.917 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Mar 2022 14:39

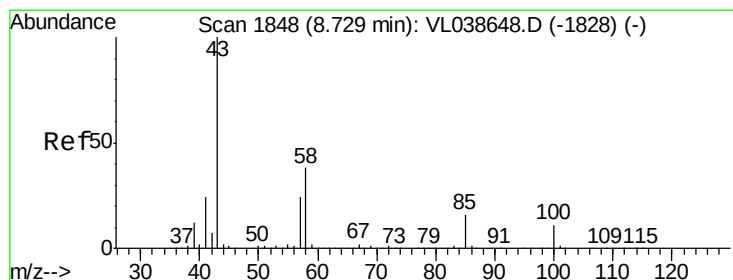
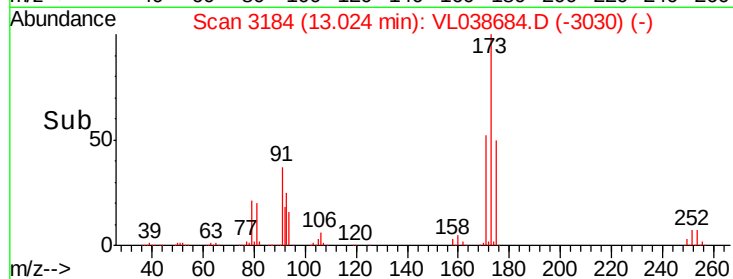
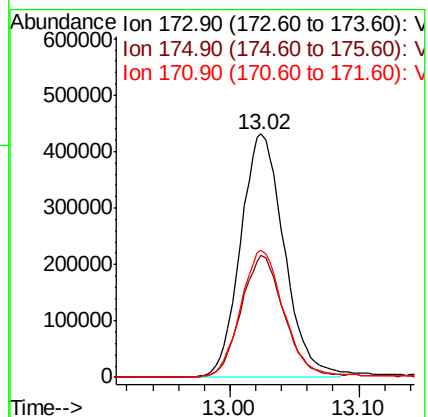
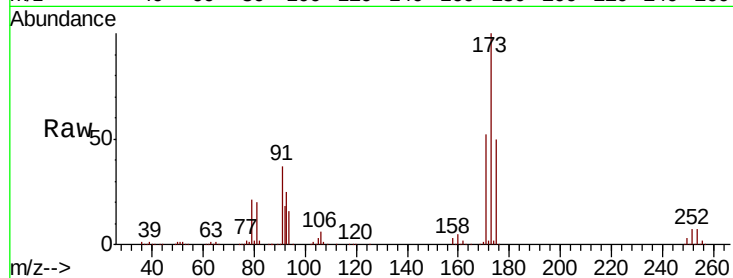
Tot Ion:173 Resp: 1015360

Ion Ratio Lower Upper

173 100

175 50.4 41.0 61.6

171 53.6 43.1 64.7



#50

4-Methyl-2-Pentanone

Concen: 10.638 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VL038648.D

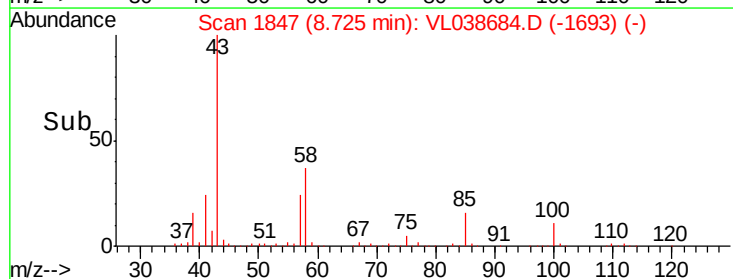
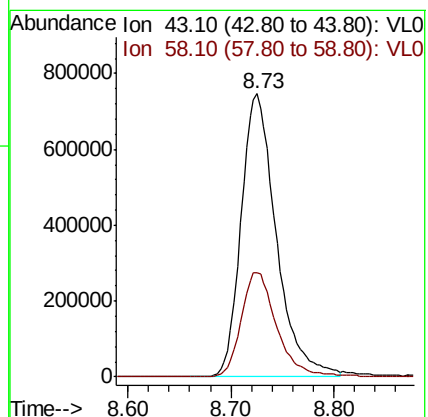
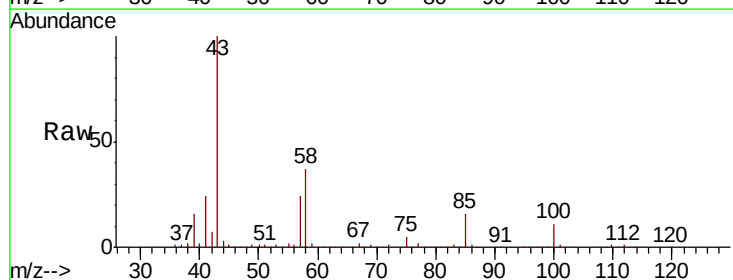
Acq: 22 Mar 2022 14:39

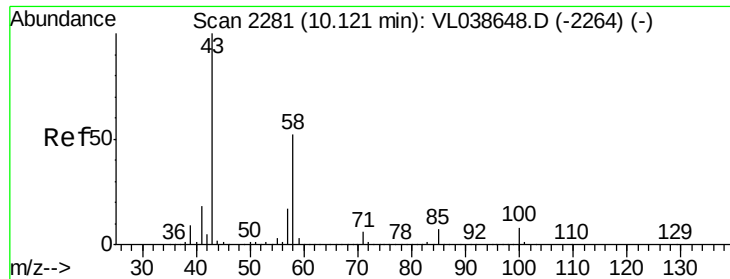
Tgt Ion: 43 Resp: 1770303

Ion Ratio Lower Upper

43 100

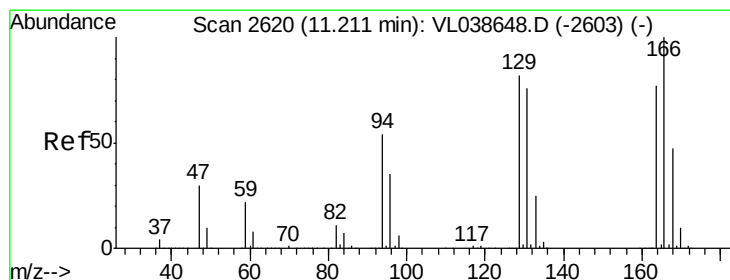
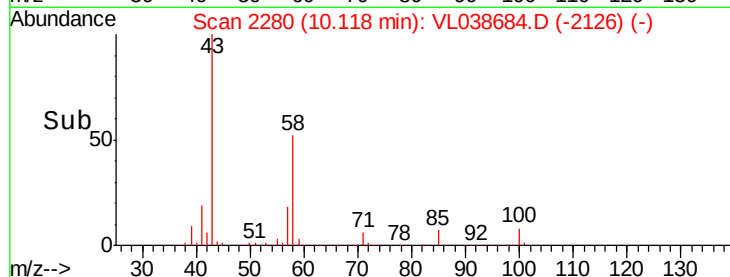
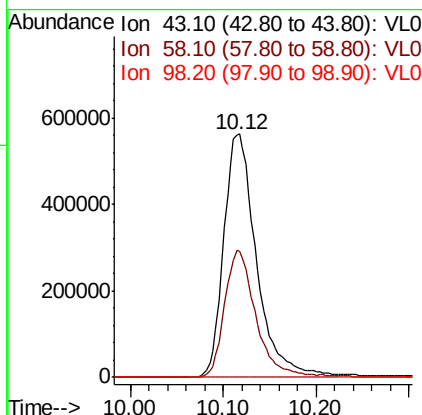
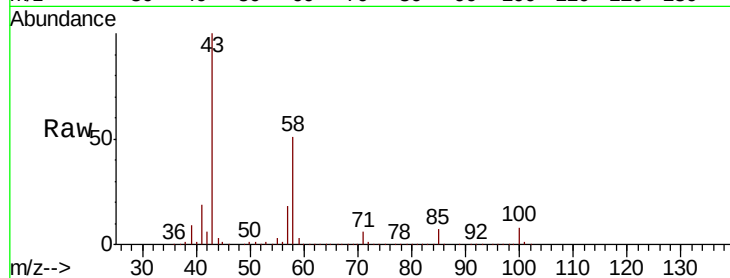
58 37.7 29.9 44.9





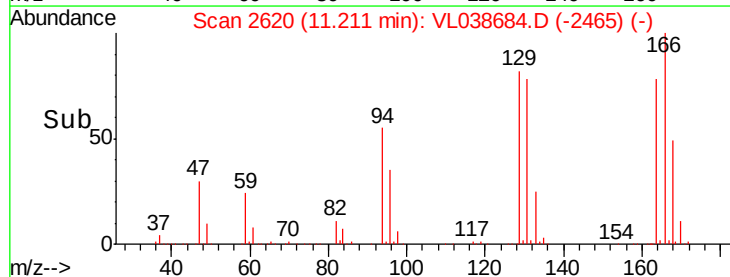
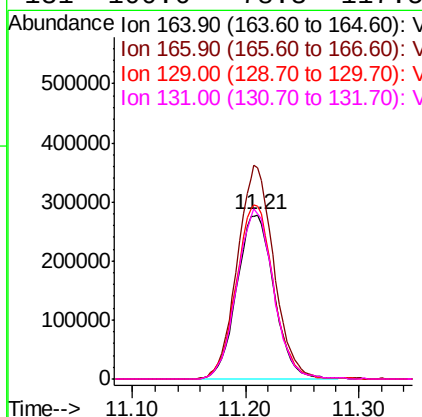
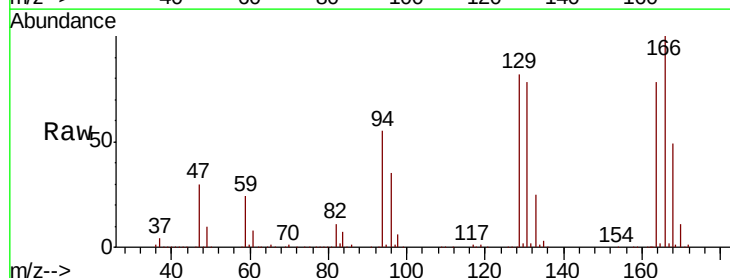
#51
2-Hexanone
Concen: 11.525 ppbv
RT: 10.12 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL0322ABS01
Acq: 22 Mar 2022 14:39

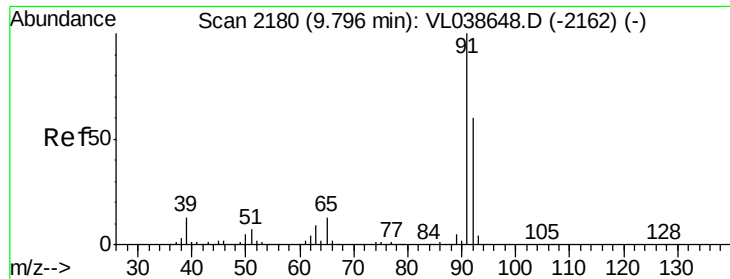
Tot Ion: 43 Resp: 1377675
Ion Ratio Lower Upper
43 100
58 50.6 41.2 61.8
98 0.5 0.2 0.4#



#52
Tetrachloroethene
Concen: 9.974 ppbv
RT: 11.21 min Scan# 2620
Delta R.T.: -0.00 min
Lab File: VL038648.D
Acq: 22 Mar 2022 14:39

Tgt Ion: 164 Resp: 637101
Ion Ratio Lower Upper
164 100
166 128.8 103.3 154.9
129 105.5 85.2 127.8
131 100.6 78.3 117.5





#53

Toluene

Concen: 10.844 ppbv

RT: 9.79 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

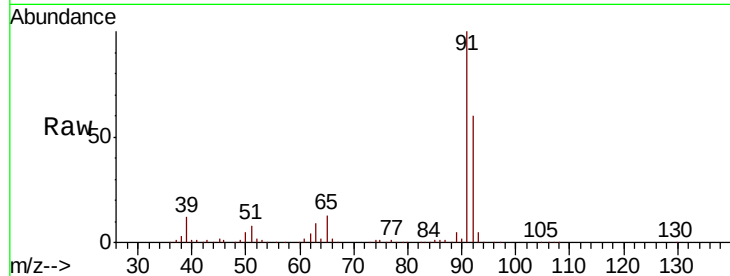
Acq: 22 Mar 2022 14:39 VL0322ABS01

Tot Ion: 91 Resp: 2033824

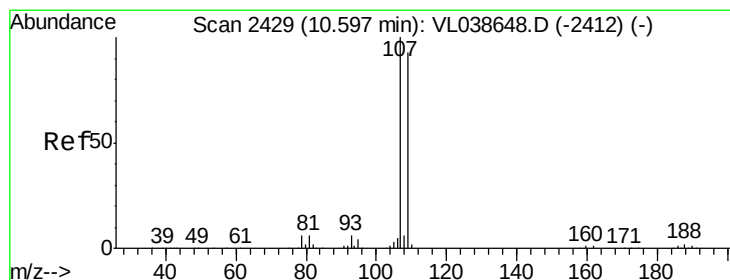
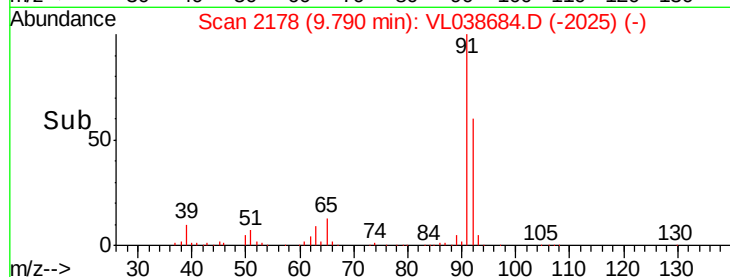
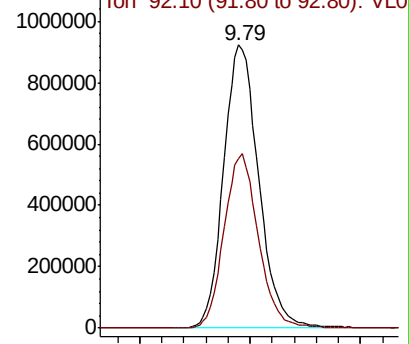
Ion Ratio Lower Upper

91 100

92 60.5 48.7 73.1



Abundance Ion 91.10 (90.80 to 91.80): VL0



#54

1,2-Dibromoethane

Concen: 10.776 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.00 min

Lab File: VL038684.D

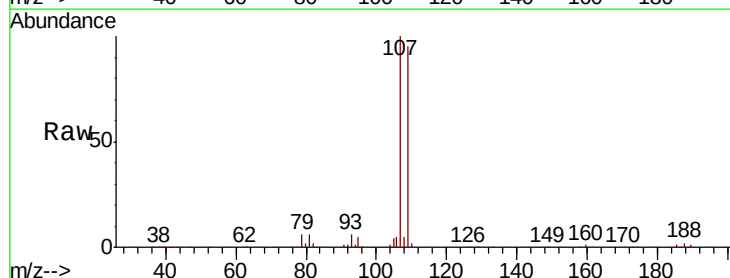
Acq: 22 Mar 2022 14:39

Tgt Ion:107 Resp: 1071941

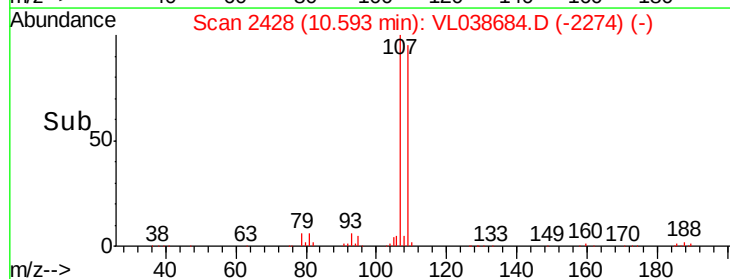
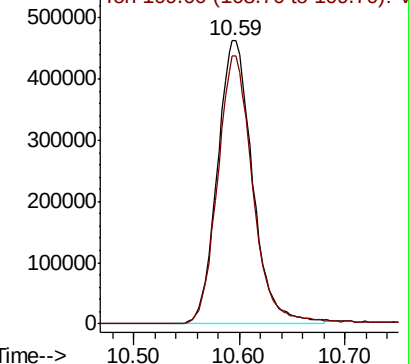
Ion Ratio Lower Upper

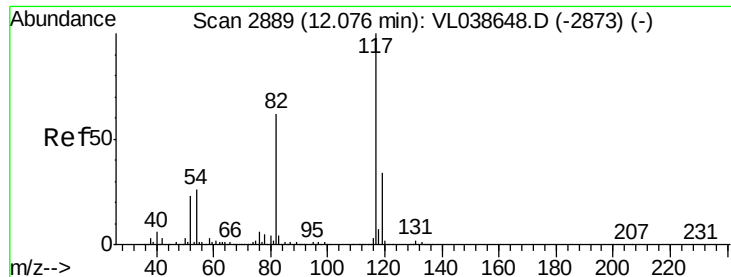
107 100

109 94.6 74.1 111.1



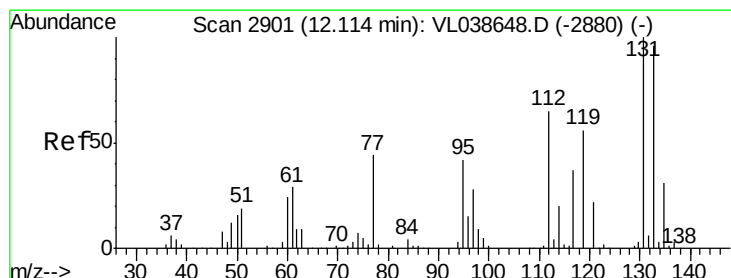
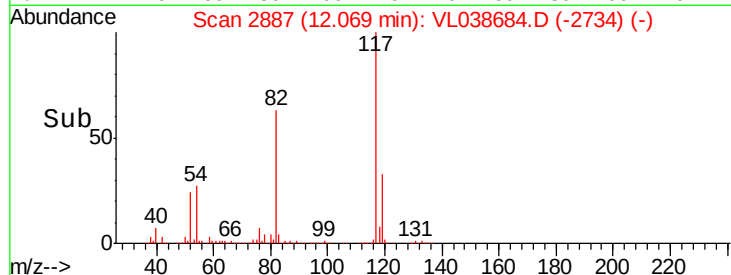
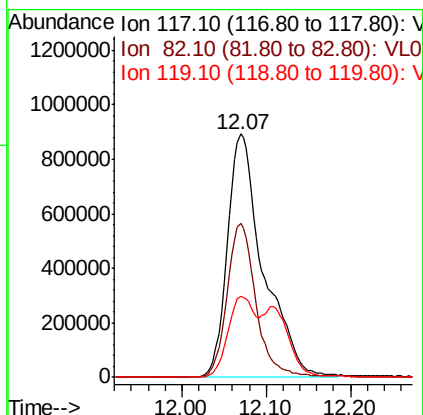
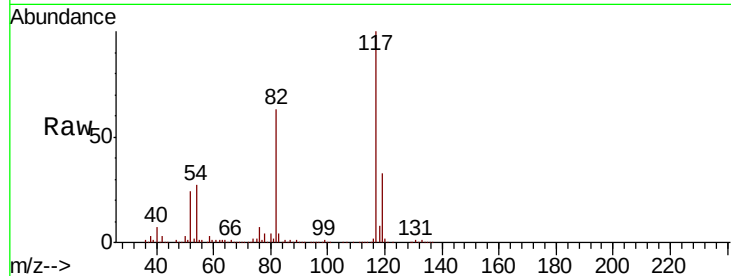
Abundance Ion 107.00 (106.70 to 107.70): V





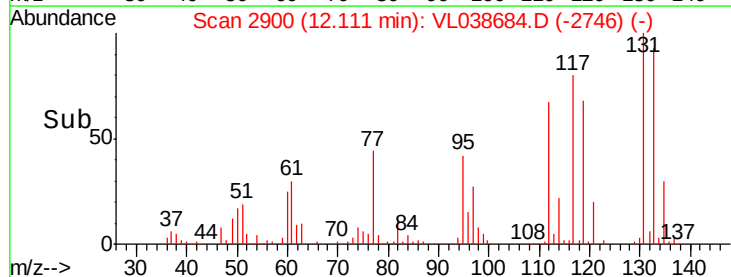
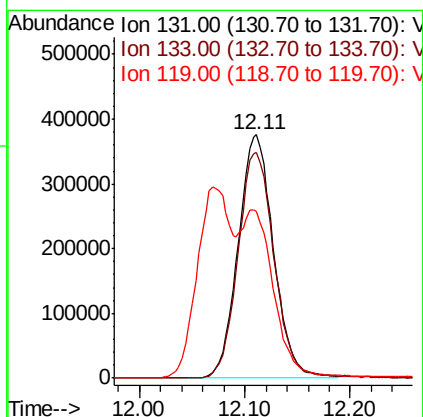
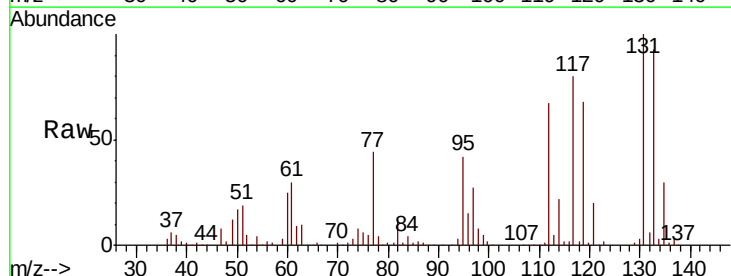
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0322ABS01
Acq: 22 Mar 2022 14:39

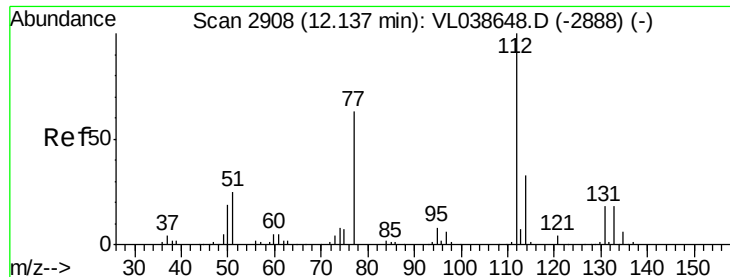
Tot Ion:117 Resp: 2651925
Ion Ratio Lower Upper
117 100
82 51.5 51.6 77.4#
119 25.6 26.9 40.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.960 ppbv
RT: 12.11 min Scan# 2900
Delta R.T.: -0.00 min
Lab File: VL038684.D
Acq: 22 Mar 2022 14:39

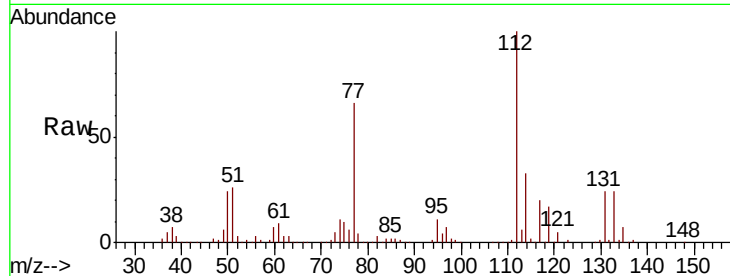
Tgt Ion:131 Resp: 875132
Ion Ratio Lower Upper
131 100
133 95.8 77.3 115.9
119 64.6 53.0 79.6



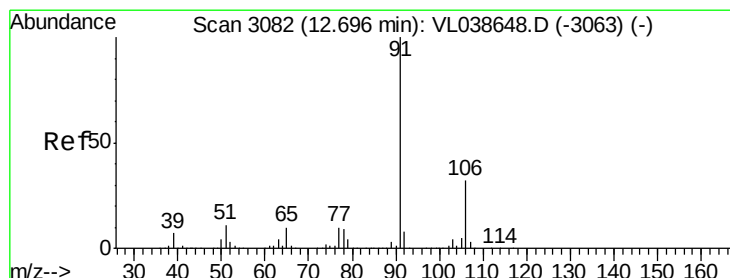
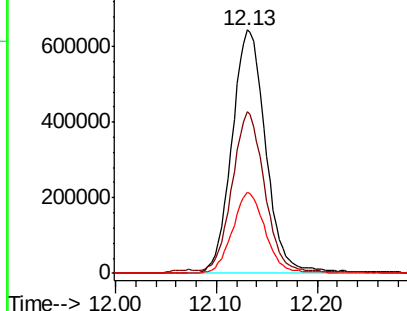
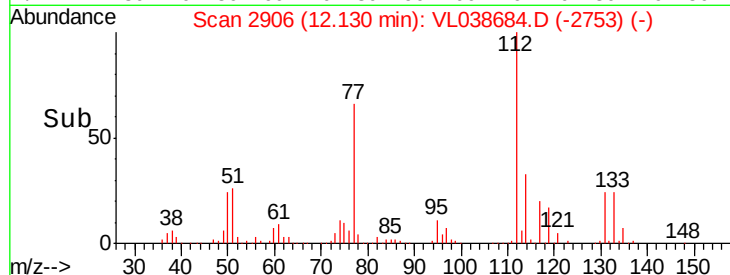


#57
Chlorobenzene
Concen: 7.827 ppbv
RT: 12.13 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0322ABS01
Acq: 22 Mar 2022 14:39

Tot Ion: 112 Resp: 1497034
Ion Ratio Lower Upper
112 100
77 65.7 51.0 76.6
114 33.3 29.8 36.4

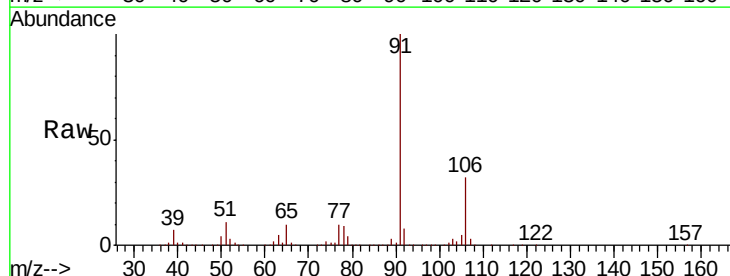


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

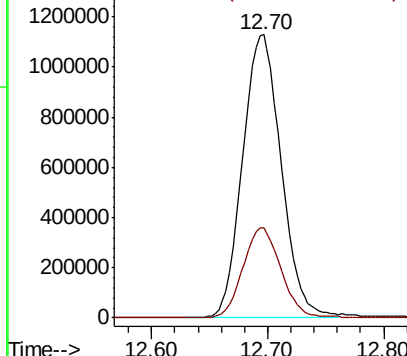
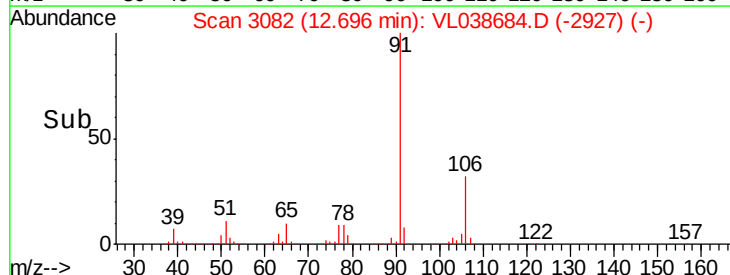


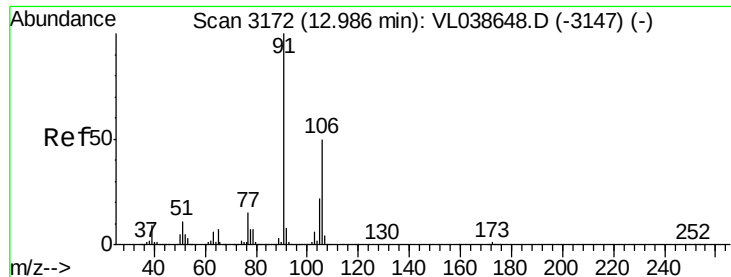
#58
Ethyl Benzene
Concen: 8.440 ppbv
RT: 12.70 min Scan# 3082
Delta R.T.: -0.00 min
Lab File: VL038648.D
Acq: 22 Mar 2022 14:39

Tgt Ion: 91 Resp: 2616586
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0



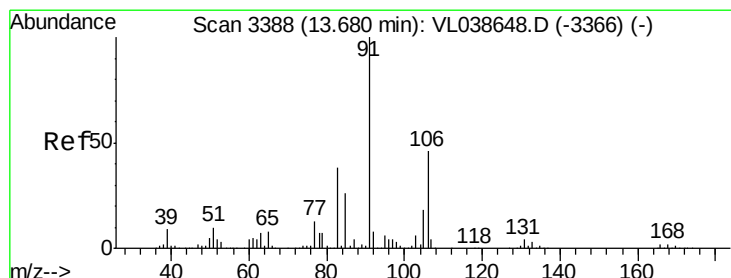
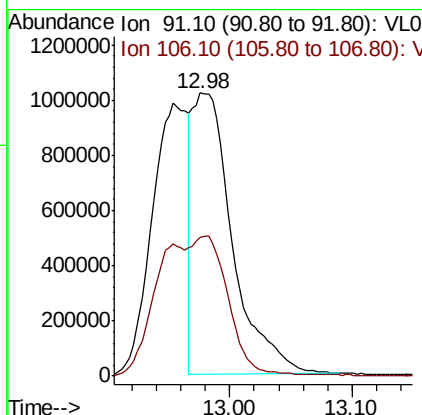
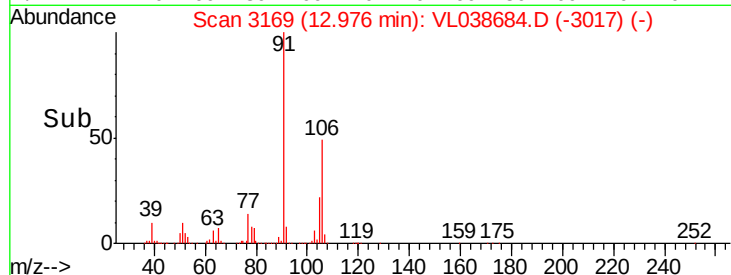
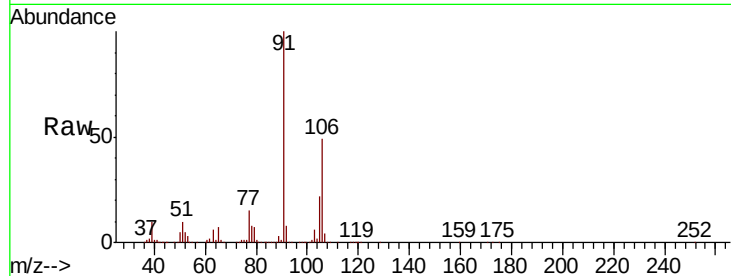
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





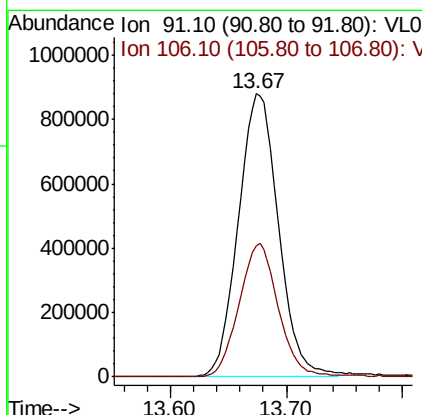
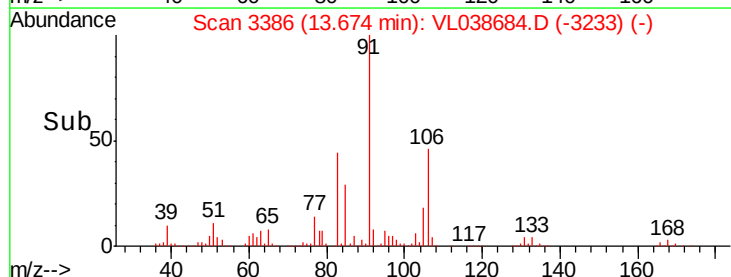
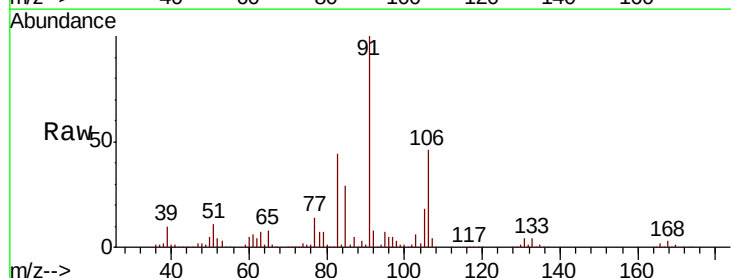
#59
m/p-Xylene
Concen: 8.532 ppbv
RT: 12.98 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0322ABS01
Acq: 22 Mar 2022 14:39

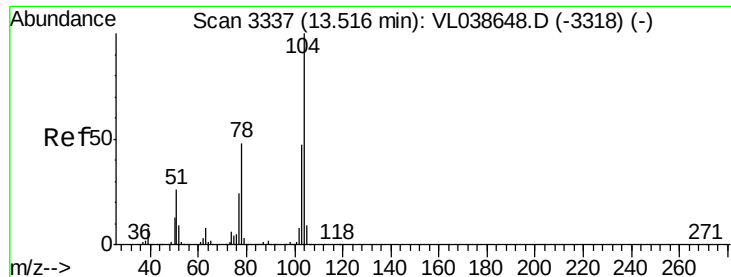
Tot Ion: 91 Resp: 2313812
Ion Ratio Lower Upper
91 100
106 88.0 37.2 55.8#



#60
o-Xylene
Concen: 8.200 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL038684.D
Acq: 22 Mar 2022 14:39

Tgt Ion: 91 Resp: 2111443
Ion Ratio Lower Upper
91 100
106 46.7 23.5 70.5

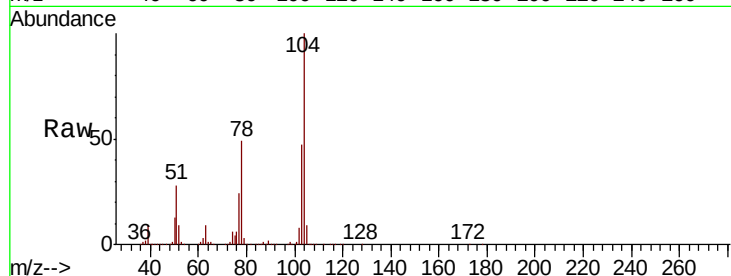




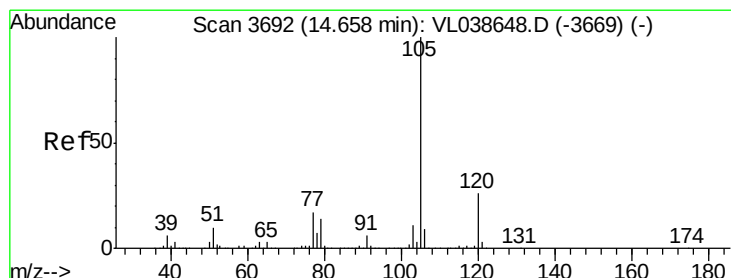
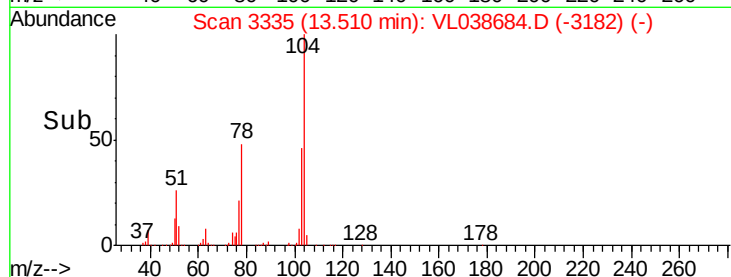
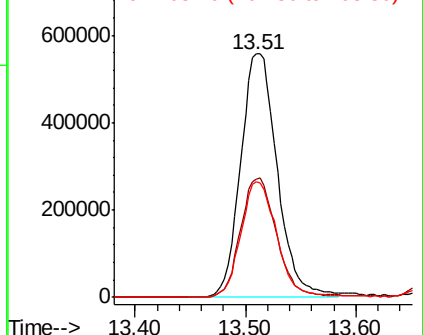
#61
Stvrene
Concen: 9.211 ppbv
RT: 13.51 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL0322ABS01
Acq: 22 Mar 2022 14:39

Tot Ion:104 Resp: 1286202

Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.0	58.4
103	47.1	37.8	56.8



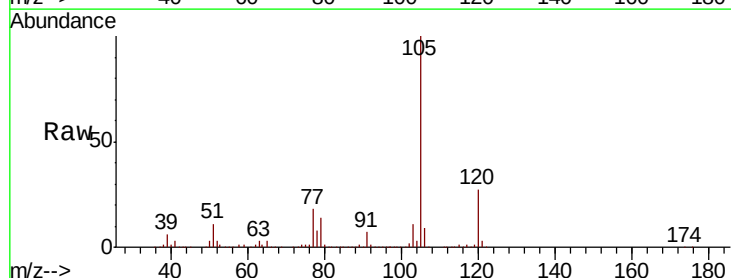
Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V



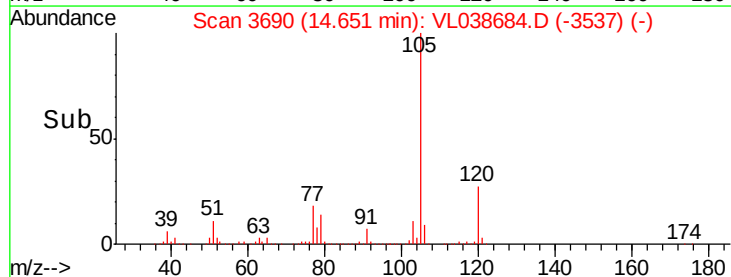
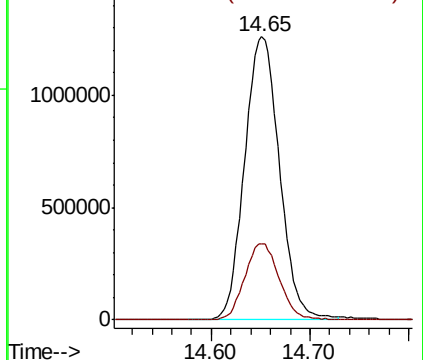
#62
Isopropylbenzene
Concen: 7.961 ppbv
RT: 14.65 min Scan# 3690
Delta R.T.: -0.01 min
Lab File: VL038648.D
Acq: 22 Mar 2022 14:39

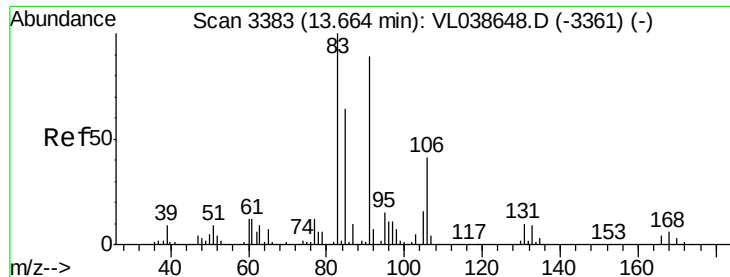
Tgt Ion:105 Resp: 3081490

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.2	31.8



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V

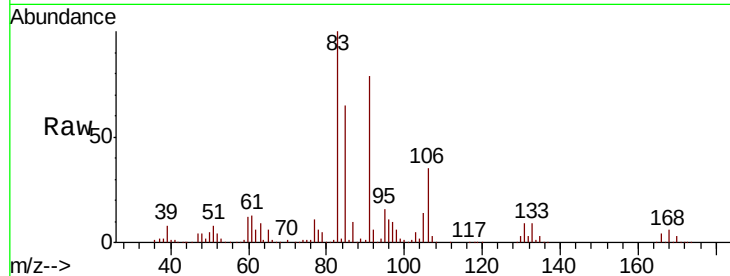




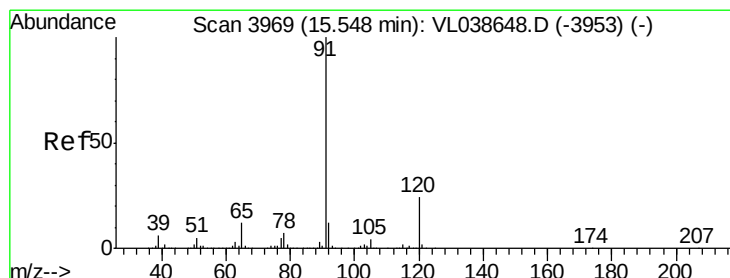
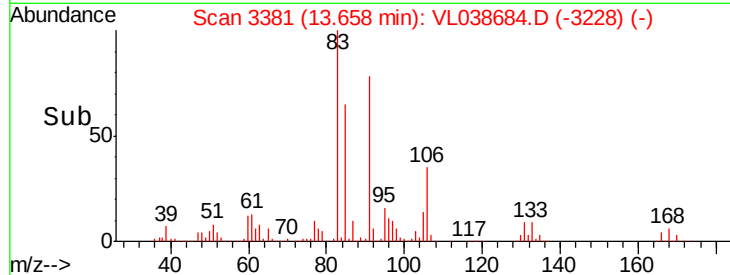
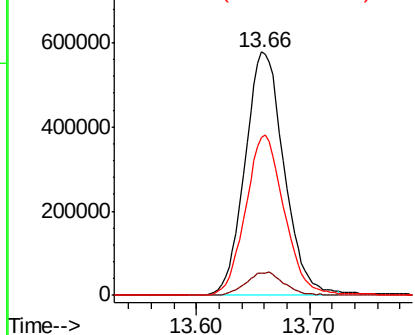
#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.961 ppbv
 RT: 13.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0322ABS01
 Acq: 22 Mar 2022 14:39

Tot Ion: 83 Resp: 1388462

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.8	14.3
85	65.9	32.6	97.8



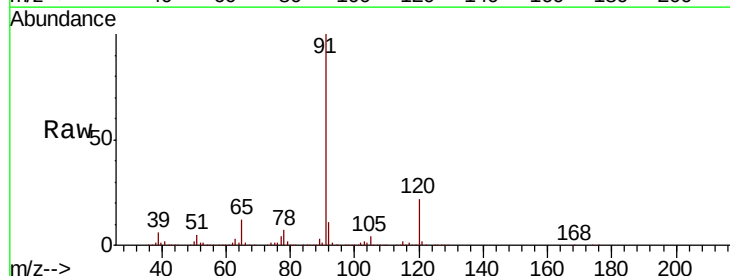
Abundance Ion 83.00 (82.70 to 83.70): VL0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VL0



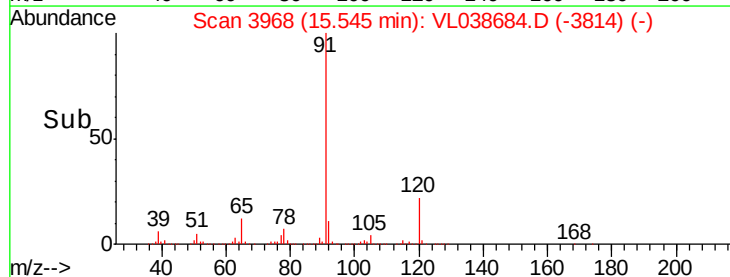
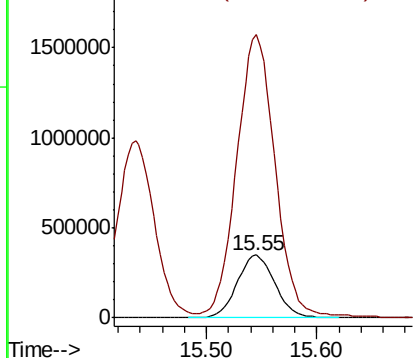
#64
 n-propylbenzene
 Concen: 8.125 ppbv
 RT: 15.55 min Scan# 3968
 Delta R.T. -0.00 min
 Lab File: VL038684.D
 Acq: 22 Mar 2022 14:39

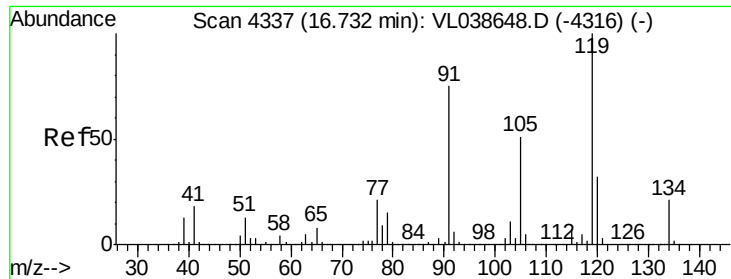
Tgt Ion:120 Resp: 825262

Ion	Ratio	Lower	Upper
120	100		
91	462.8	368.0	552.0



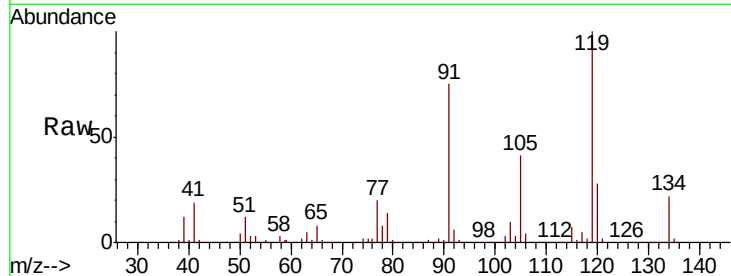
Abundance Ion 120.20 (119.90 to 120.90): V
 Ion 91.10 (90.80 to 91.80): VL0



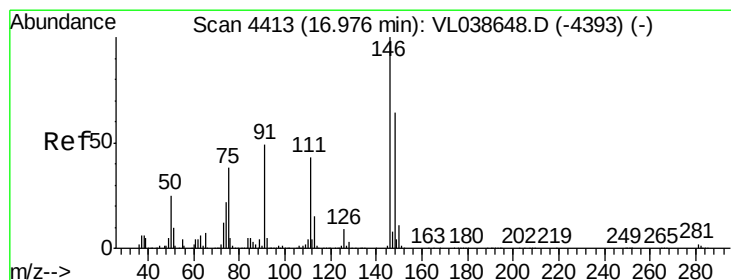
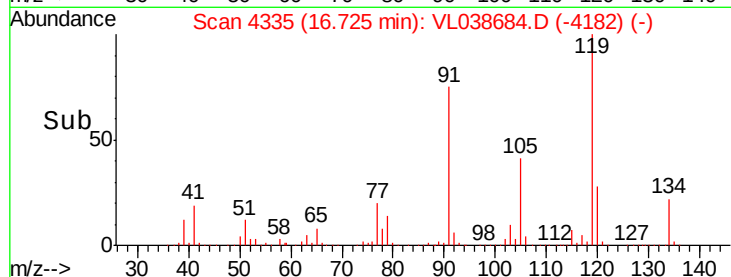
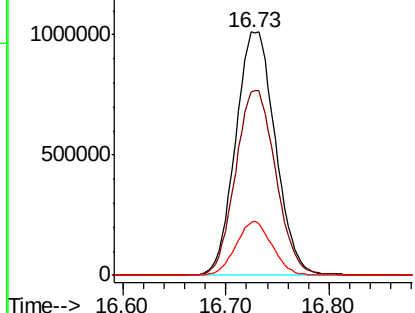


#65
 tert-Butylbenzene
 Concen: 7.787 ppbv
 RT: 16.73 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0322ABS01
 Acq: 22 Mar 2022 14:39

Tot Ion: 119 Resp: 2708658
 Ion Ratio Lower Upper
 119 100
 91 77.1 61.2 91.8
 134 20.3 16.3 24.5

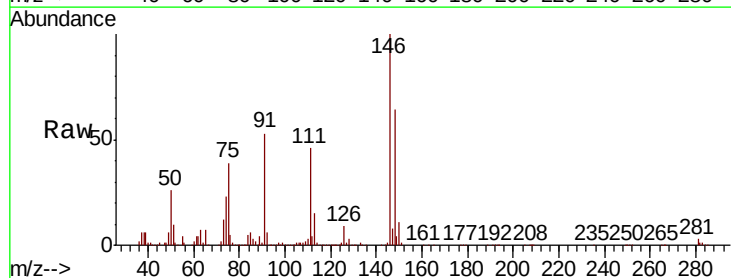


Abundance Ion 119.20 (118.90 to 119.90): V
 Ion 91.10 (90.80 to 91.80): VL0
 Ion 134.20 (133.90 to 134.90): V

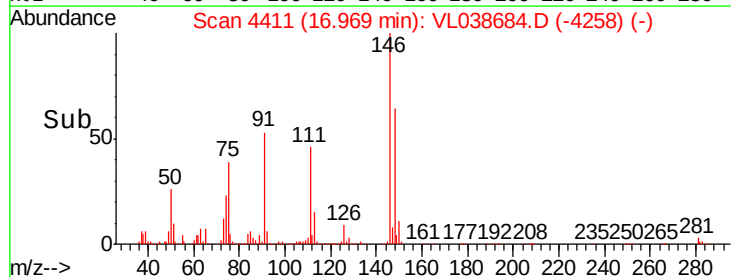
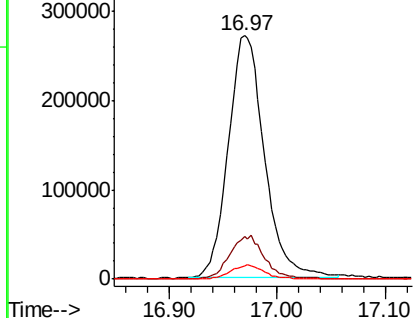


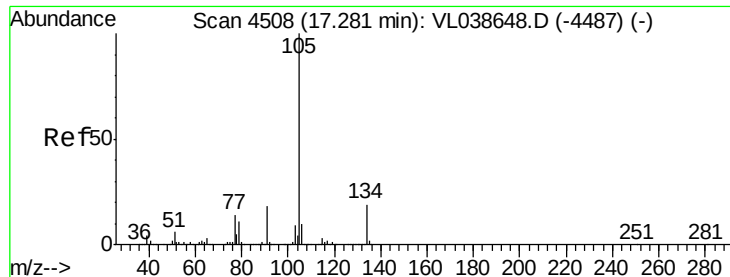
#66
 Benzyl Chloride
 Concen: 9.627 ppbv
 RT: 16.97 min Scan# 4411
 Delta R.T.: -0.01 min
 Lab File: VL038648.D
 Acq: 22 Mar 2022 14:39

Tgt Ion: 91 Resp: 634084
 Ion Ratio Lower Upper
 91 100
 126 17.4 14.3 21.5
 128 5.4 4.6 6.8



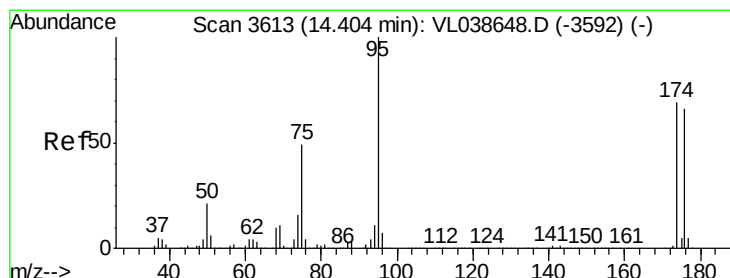
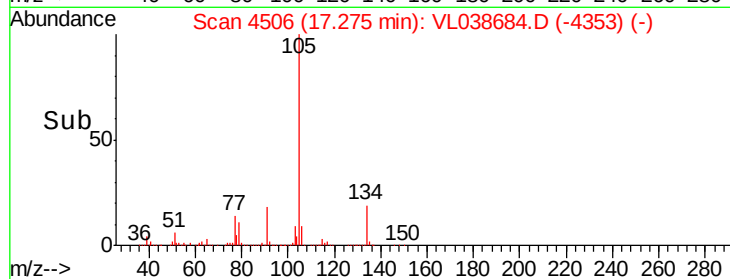
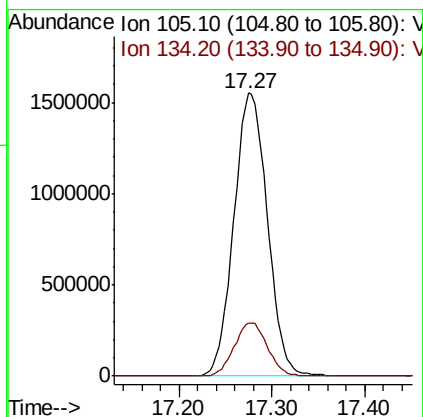
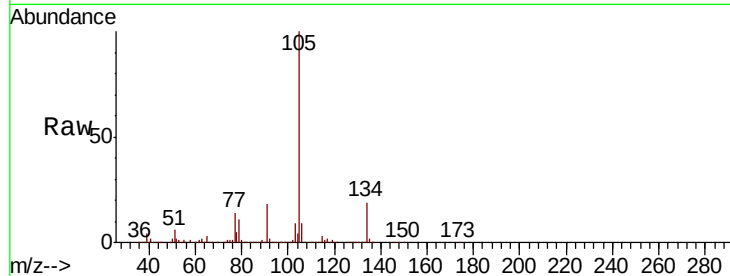
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 126.10 (125.80 to 126.80): V
 Ion 128.10 (127.80 to 128.80): V





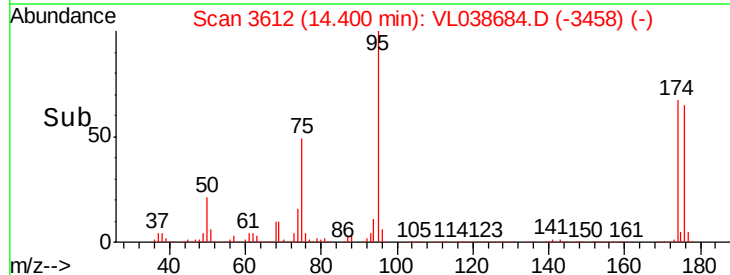
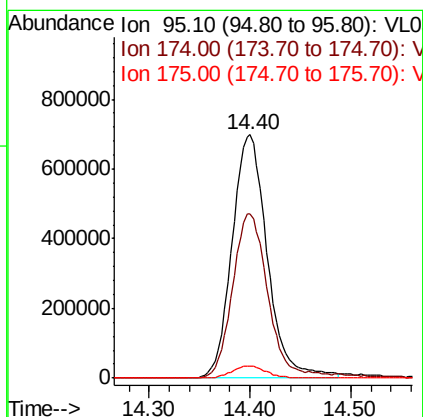
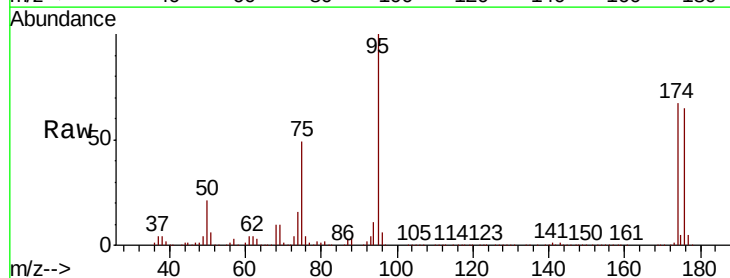
#67
 sec-Butylbenzene
 Concen: 7.814 ppbv
 RT: 17.27 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0322ABS01
 Acq: 22 Mar 2022 14:39

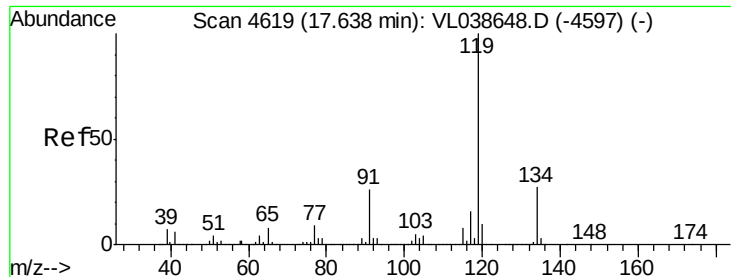
Tot Ion: 105 Resp: 3887066
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.327 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T.: -0.00 min
 Lab File: VL038648.D
 Acq: 22 Mar 2022 14:39

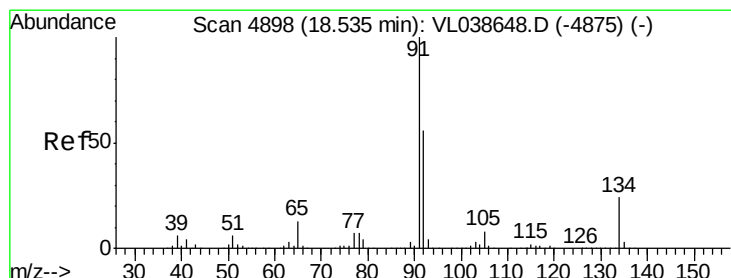
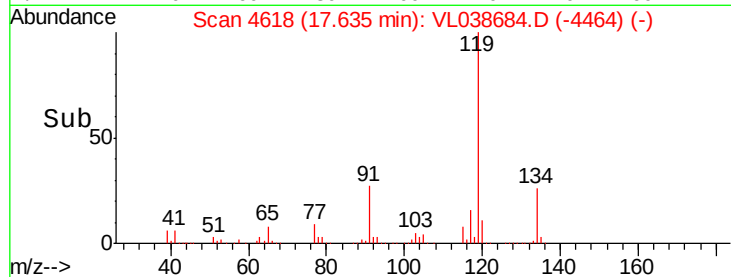
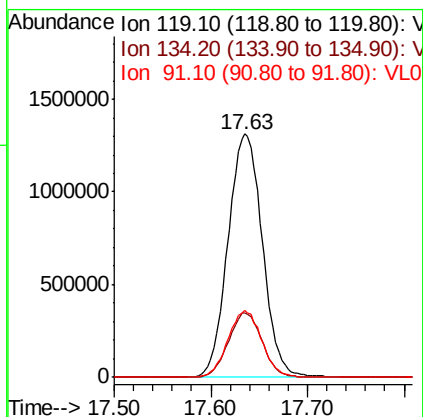
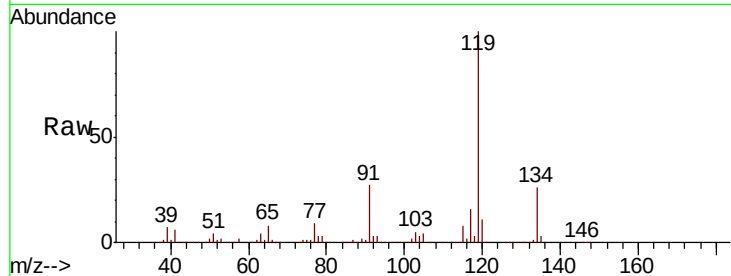
Tgt Ion: 95 Resp: 1693110
 Ion Ratio Lower Upper
 95 100
 174 70.0 56.1 84.1
 175 4.9 4.2 6.2





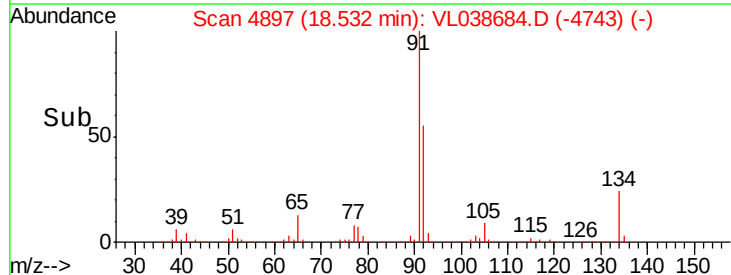
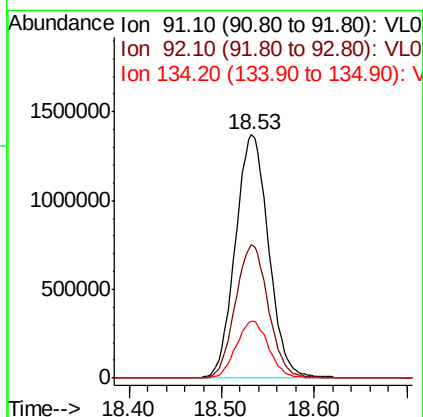
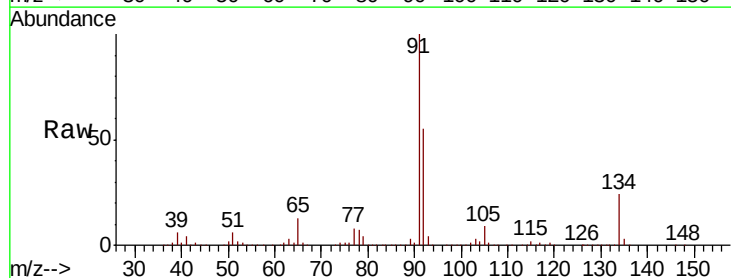
#69
 p-Isopropyltoluene
 Concen: 7.963 ppbv
 RT: 17.63 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0322ABS01
 Acq: 22 Mar 2022 14:39

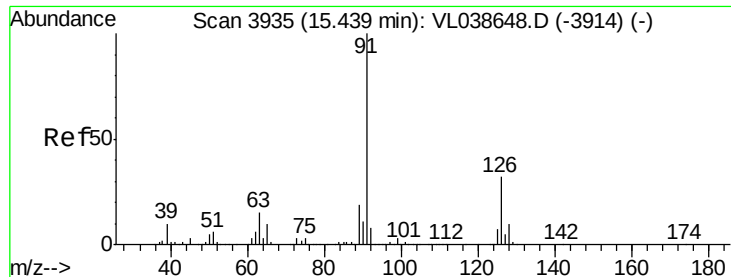
Tot Ion: 119 Resp: 3232668
 Ion Ratio Lower Upper
 119 100
 134 26.3 21.2 31.8
 91 27.0 21.4 32.2



#70
 n-Butylbenzene
 Concen: 8.142 ppbv
 RT: 18.53 min Scan# 4897
 Delta R.T. -0.00 min
 Lab File: VL038648.D
 Acq: 22 Mar 2022 14:39

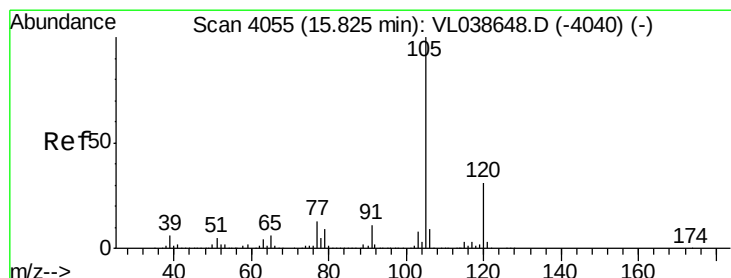
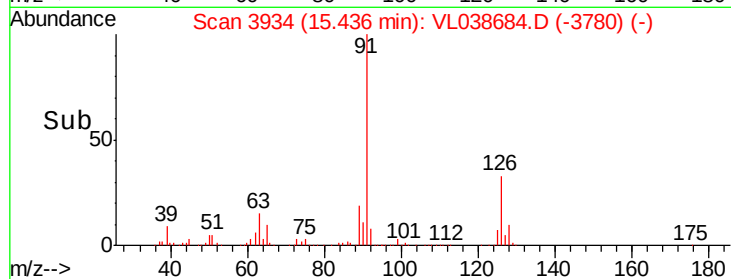
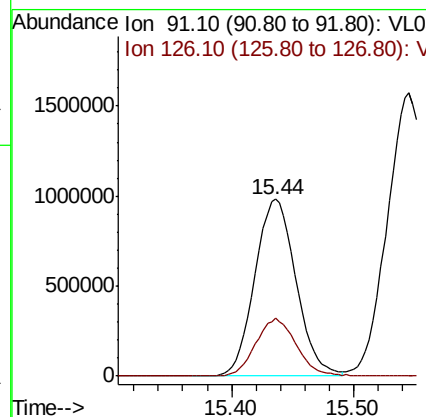
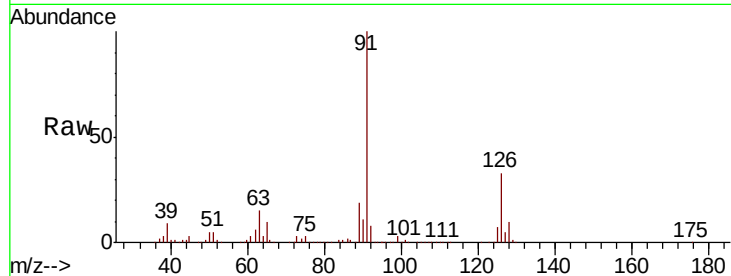
Tgt Ion: 91 Resp: 3409601
 Ion Ratio Lower Upper
 91 100
 92 54.6 43.9 65.9
 134 23.2 18.7 28.1





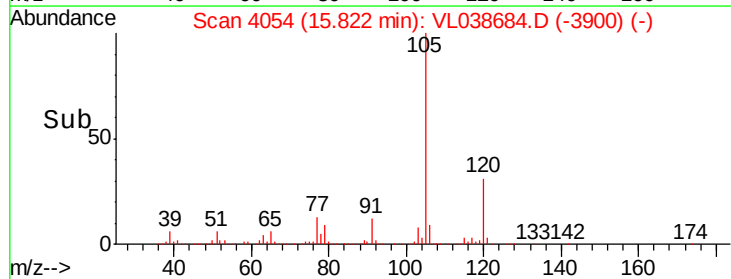
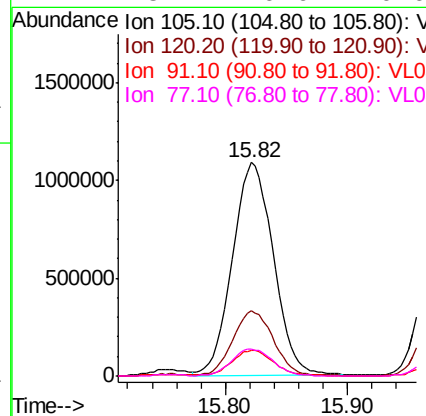
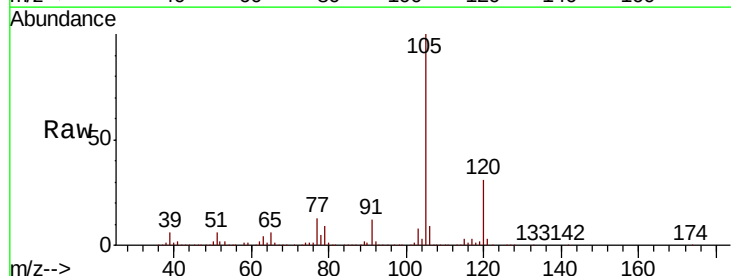
#71
 2-Chlorotoluene
 Concen: 8.002 ppbv
 RT: 15.44
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0322ABS01
 Acq: 22 Mar 2022 14:39

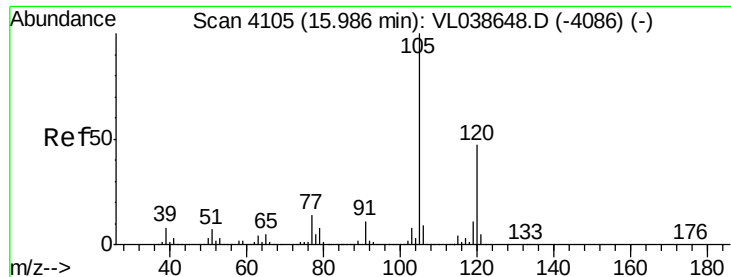
Tot Ion: 91 Resp: 2299249
 Ion Ratio Lower Upper
 91 100
 126 32.7 13.1 52.3



#72
 4-Ethyltoluene
 Concen: 8.293 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. -0.00 min
 Lab File: VL038684.D
 Acq: 22 Mar 2022 14:39

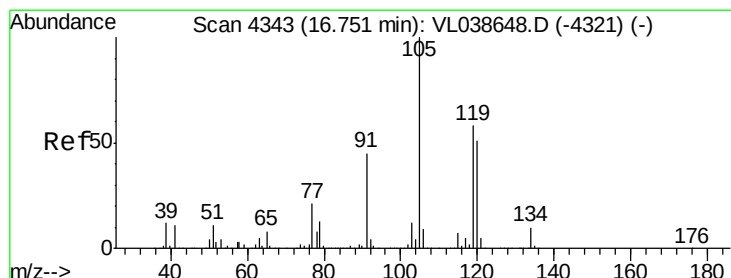
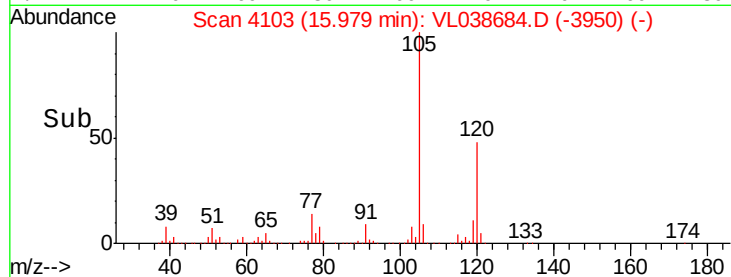
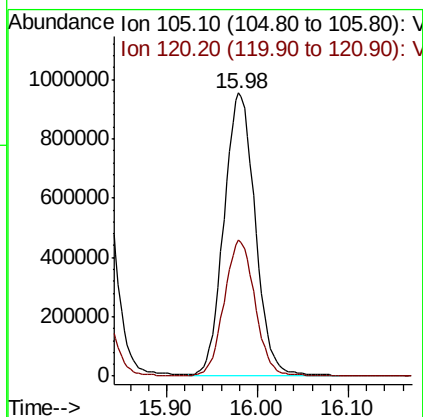
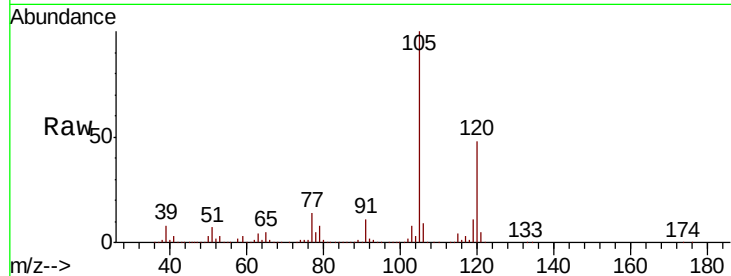
Tgt Ion:105 Resp: 2520741
 Ion Ratio Lower Upper
 105 100
 120 31.0 24.9 37.3
 91 12.2 9.8 14.6
 77 13.1 10.6 16.0





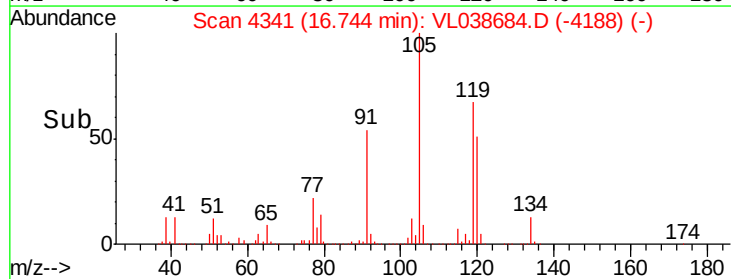
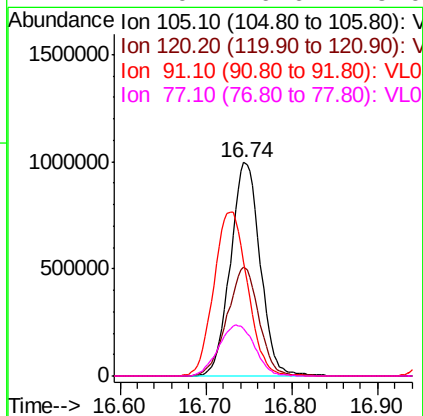
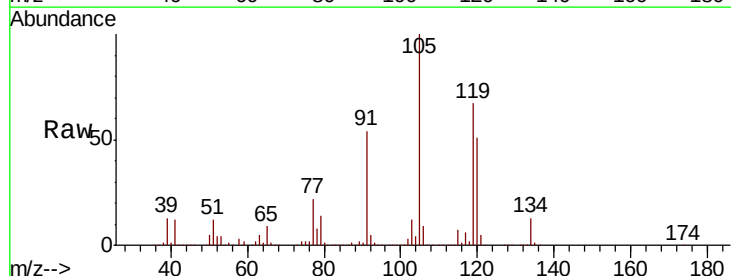
#73
 1,3,5-Trimethylbenzene
 Concen: 8.166 ppbv
 RT: 15.98 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0322ABS01
 Acq: 22 Mar 2022 14:39

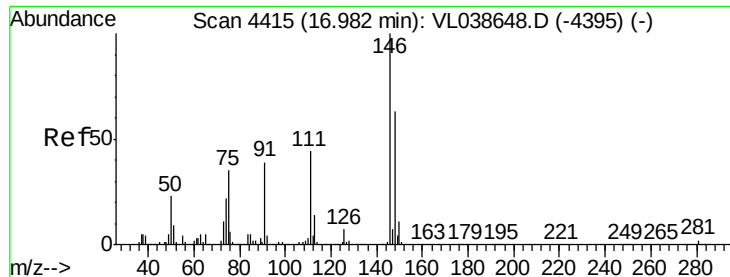
Tot Ion:105 Resp: 2261837
 Ion Ratio Lower Upper
 105 100
 120 48.0 37.6 56.4



#74
 1,2,4-Trimethylbenzene
 Concen: 7.913 ppbv
 RT: 16.74 min Scan# 4341
 Delta R.T. -0.01 min
 Lab File: VL038648.D
 Acq: 22 Mar 2022 14:39

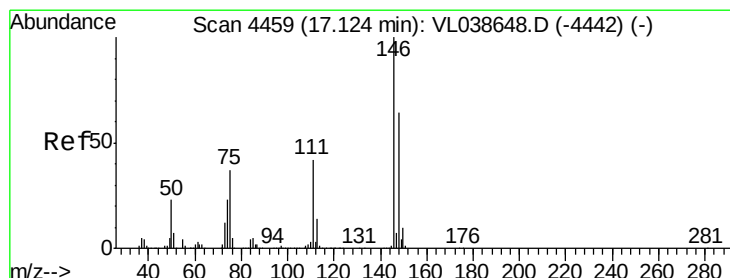
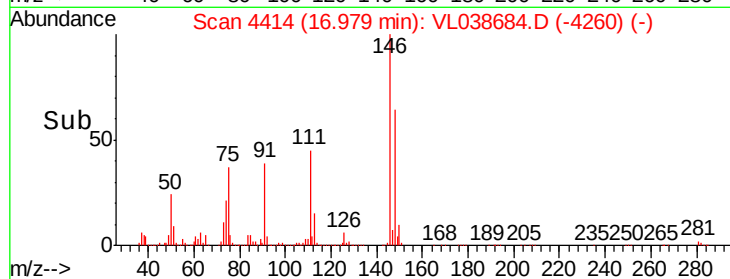
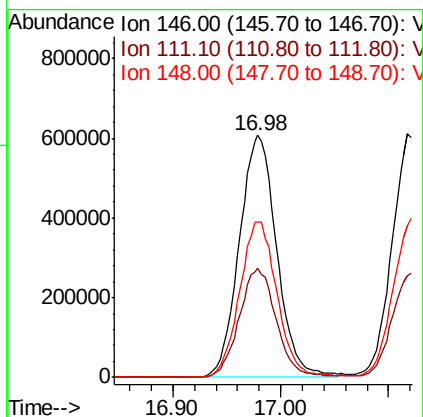
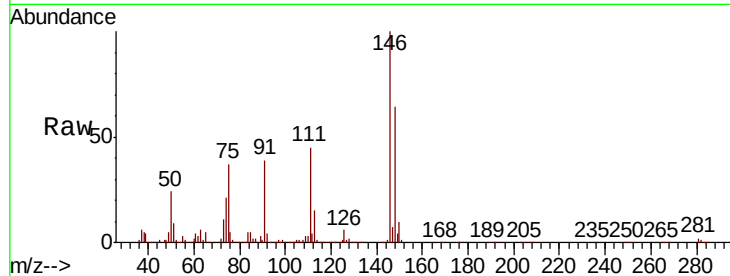
Tgt Ion:105 Resp: 2387385
 Ion Ratio Lower Upper
 105 100
 120 51.0 40.5 60.7
 91 53.5 35.9 53.9
 77 22.0 16.6 25.0





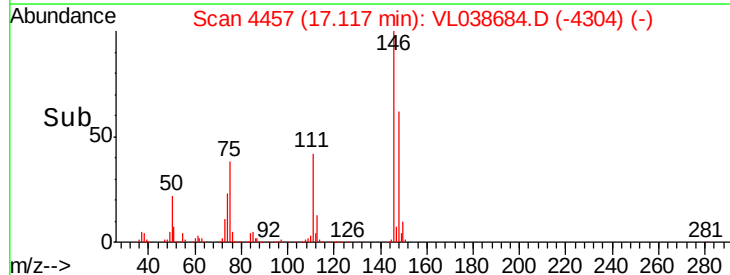
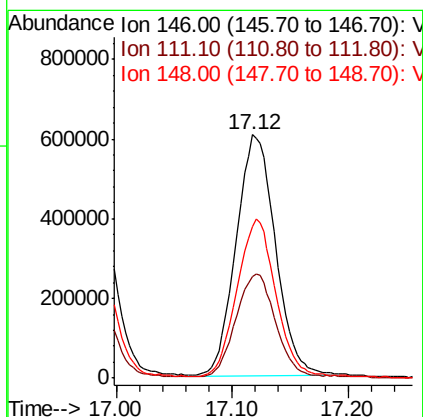
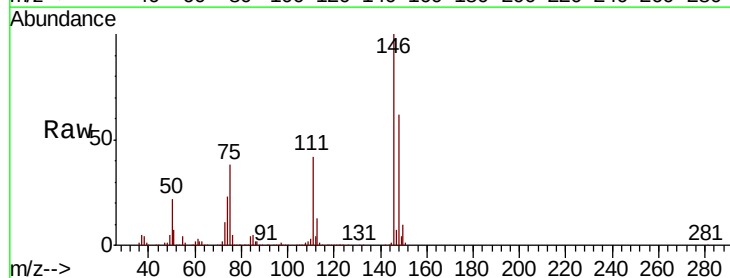
#75
 1,3-Dichlorobenzene
 Concen: 7.624 ppbv
 RT: 16.98 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled : VL0322ABS01
 Acq: 22 Mar 2022 14:39

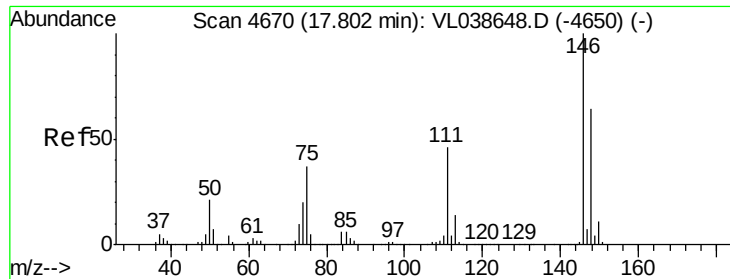
Tot Ion:146 Resp: 1465087
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.2 66.6
 148 64.6 32.5 97.5



#76
 1,4-Dichlorobenzene
 Concen: 7.460 ppbv
 RT: 17.12 min Scan# 4457
 Delta R.T. -0.01 min
 Lab File: VL038684.D
 Acq: 22 Mar 2022 14:39

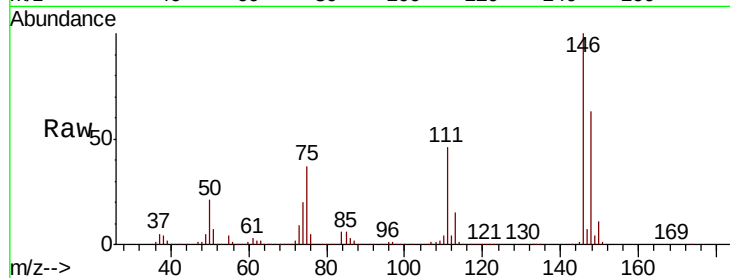
Tgt Ion:146 Resp: 1425738
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.4 64.2
 148 66.6 32.1 96.3



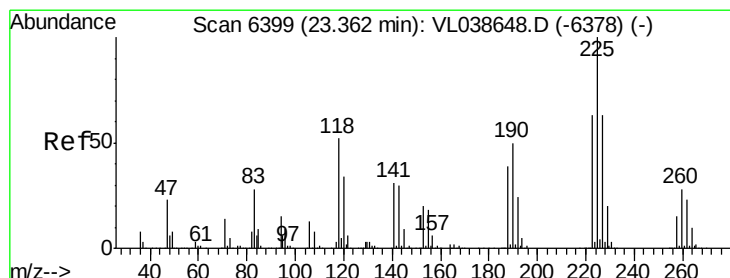
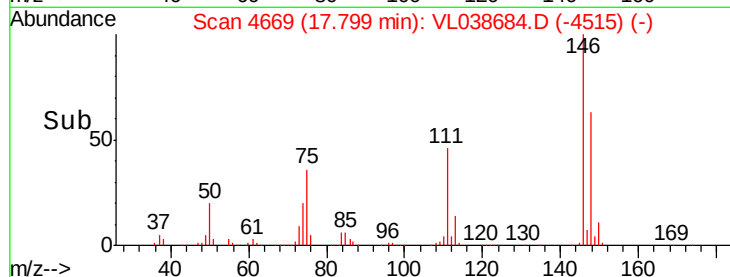
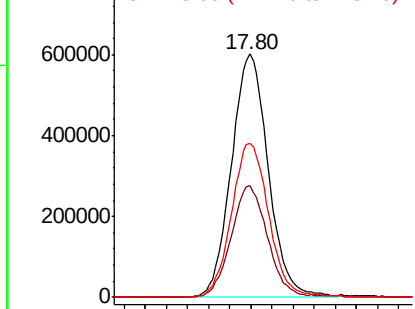


#77
 1,2-Dichlorobenzene
 Concen: 7.615 ppbv
 RT: 17.80 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0322ABS01
 Acq: 22 Mar 2022 14:39

Tot Ion:146 Resp: 1449637
 Ion Ratio Lower Upper
 146 100
 111 46.7 22.8 68.4
 148 64.8 32.5 97.4

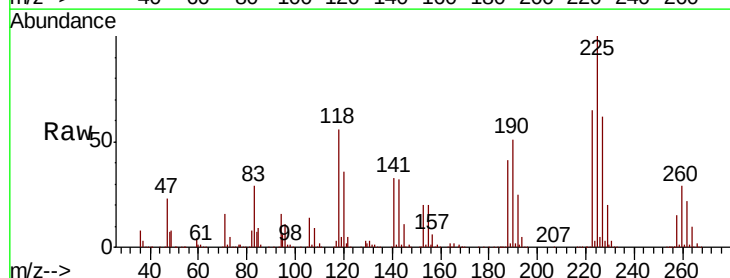


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

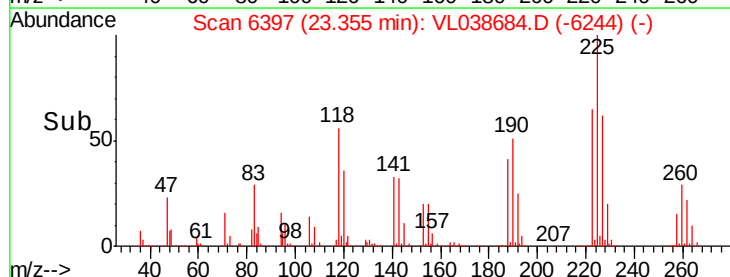
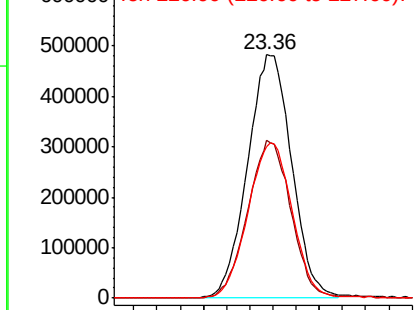


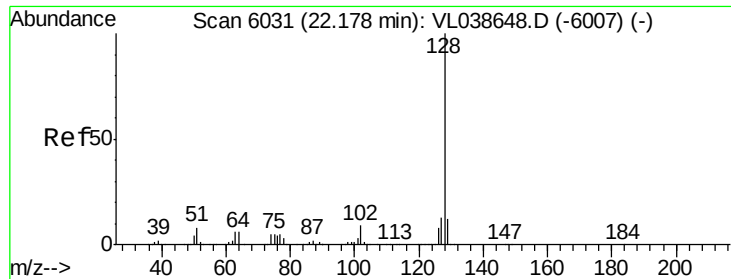
#78
 Hexachloro-1,3-Butadiene
 Concen: 7.253 ppbv
 RT: 23.36 min Scan# 6397
 Delta R.T.: -0.01 min
 Lab File: VL038684.D
 Acq: 22 Mar 2022 14:39

Tgt Ion:225 Resp: 1276046
 Ion Ratio Lower Upper
 225 100
 223 64.1 51.0 76.6
 227 64.6 51.5 77.3



Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V

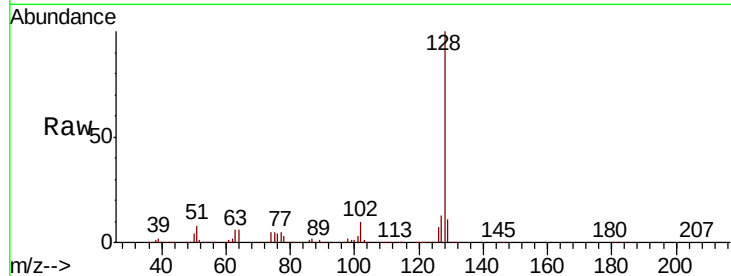




#79
Naphthalene
Concen: 10.291 ppbv
RT: 22.17 min
Instrument: MSVOA_1
Delta R.T.:
Client SampleId:
Lab File: VL0322ABS01
Acq: 22 Mar 2022 14:39

Tot Ion:128 Resp: 2372063

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.3	9.2	13.8

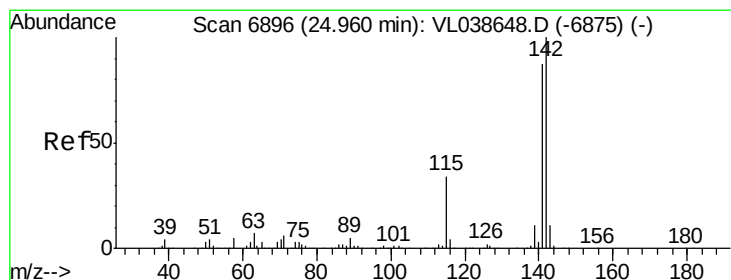
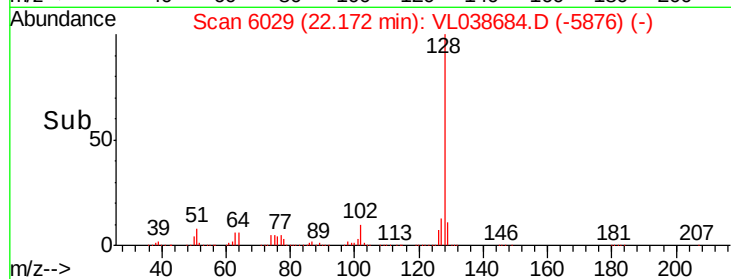
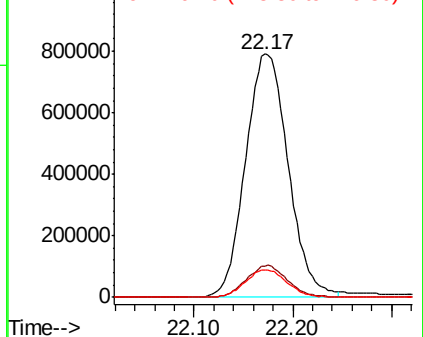


Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

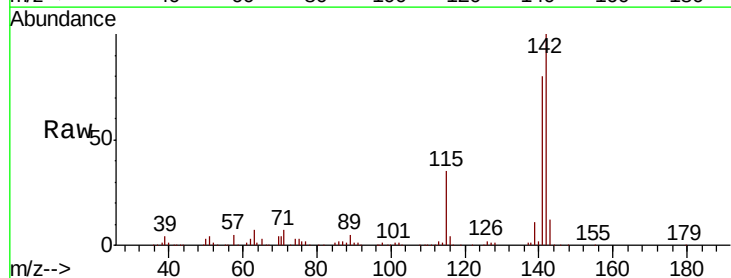
Ion 129.10 (128.80 to 129.80): V



#80
Naphthalene, 2-methyl-
Concen: 7.193 ppbv
RT: 24.96 min Scan# 6895
Delta R.T.: -0.00 min
Lab File: VL038684.D
Acq: 22 Mar 2022 14:39

Tgt Ion:142 Resp: 444564

Ion	Ratio	Lower	Upper
142	100		
141	88.6	66.4	99.6
115	36.7	27.8	41.6

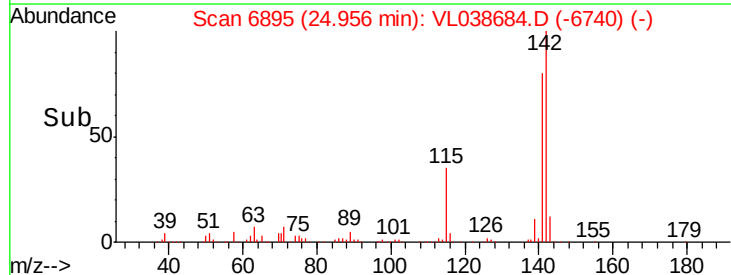
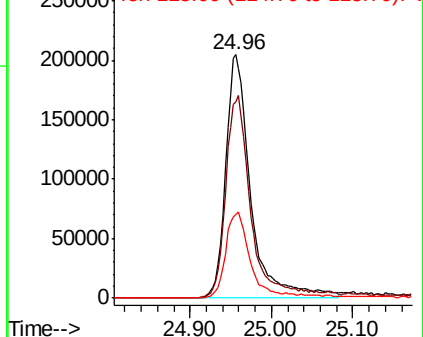


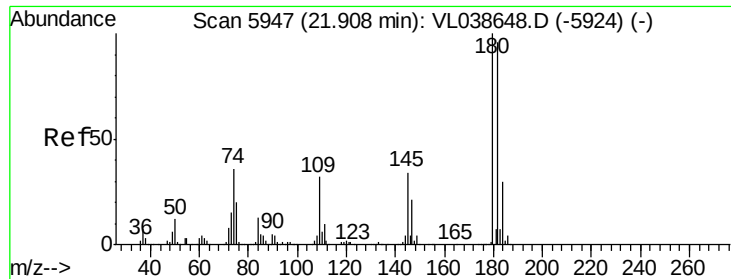
Abundance

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: 8.601 ppbv
 RT: 21.90
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0322ABS01
 Acq: 22 Mar 2022 14:39

Tot Ion:180 Resp: 1357086
 Ion Ratio Lower Upper
 180 100
 182 99.5 79.2 118.8
 184 31.3 24.8 37.2

