

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038965.D
 Acq On : 5 May 2022 9:06
 Operator : SY/AP
 Sample : VL0505ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0505ABL01

Quant Time: May 05 09:42:45 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 07:41:27 2022
 QLast Update : Thu May 05 07:41:27 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1283974	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3038656	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2577489	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2041048	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	154	0.001 ppbv	# 43
3) Chlorodifluoromethane	2.98	51	320	0.002 ppbv	# 57
4) Chloromethane	3.14	50	145	0.002 ppbv	# 41
6) Bromomethane	3.46	94	66	0.002 ppbv	# 1
7) Chloroethane	3.37	64	68	0.003 ppbv	# 1
8) Dichlorotetrafluoroethane	3.18	85	92	0.001 ppbv	# 1
9) Propene	3.01	41	1056	0.015 ppbv	# 13
10) Heptane	8.10	43	269	0.002 ppbv	# 27
11) Trichlorofluoromethane	3.95	101	205	0.001 ppbv	# 18
12) 1,1,2-Trichlorotrifluoroet	4.50	101	96	0.001 ppbv	# 24
13) Ethanol	3.61	45	151	0.028 ppbv	# 31
14) Bromoethene	3.97	108	29	0.001 ppbv	# 1
15) Acetone	3.83	43	146	0.001 ppbv	# 48
16) 1,3-Butadiene	3.32	39	308	0.004 ppbv	# 37
17) tert-Butyl alcohol	4.31	59	56	0.001 ppbv	# 1
18) 1,1-Dichloroethene	4.22	96	94	0.002 ppbv	# 1
19) Isopropyl Alcohol	3.98	45	240	0.004 ppbv	# 1
20) Methylene Chloride	4.34	84	782	0.017 ppbv	# 6
21) Allvl Chloride	4.42	41	202	0.002 ppbv	# 33
22) trans-1,2-Dichloroethene	4.69	96	157	0.003 ppbv	# 1
23) Vinyl Acetate	5.06	43	153	0.002 ppbv	# 77
24) 1,1-Dichloroethane	5.01	63	93	0.001 ppbv	# 89
25) Ethyl Acetate	5.66	43	155	0.001 ppbv	# 75
26) Hexane	5.68	57	154	0.001 ppbv	# 1
27) Carbon Disulfide	4.55	76	127	0.001 ppbv	# 1
28) Methyl tert-Butyl Ether	4.76	73	106	0.001 ppbv	# 92
29) Chloroform	5.74	83	269	0.001 ppbv	# 57
30) Cyclohexane	7.12	84	46	0.000 ppbv	# 1
31) cis-1,2-Dichloroethene	5.54	61	146	0.001 ppbv	# 27
32) 1,1,1-Trichloroethane	6.50	97	35	0.000 ppbv	# 22
34) 2-Butanone	5.23	43	277	0.002 ppbv	# 54
35) Carbon Tetrachloride	7.21	117	65	0.000 ppbv	# 78
36) Benzene	6.88	78	212	0.001 ppbv	# 54
37) 1,2-Dichloroethane	6.29	62	53	0.000 ppbv	# 83
38) Trichloroethene	7.83	130	462	0.004 ppbv	# 21
39) 1,2-Dichloropropane	7.16	63	832051	8.223 ppbv	# 27
40) 1,4-Dioxane	7.81	88	175	0.005 ppbv	# 1
41) Tetrahydrofuran	6.04	42	223	0.002 ppbv	# 36
42) Bromodichloromethane	7.77	83	242	0.001 ppbv	# 24
43) Methyl Methacrylate	8.05	69	234	0.002 ppbv	# 55
44) 2,2,4-Trimethylpentane	7.85	57	223	0.000 ppbv	# 43

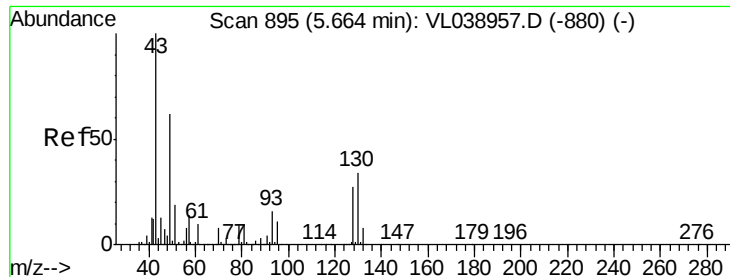
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038965.D
 Acq On : 5 May 2022 9:06
 Operator : SY/AP
 Sample : VL0505ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0505ABL01

Quant Time: May 05 09:42:45 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 07:41:27 2022
 QLast Update : Thu May 05 07:41:27 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) t-1,3-Dichloropropene	9.21	75	82	0.001	ppbv #	44
46) cis-1,3-Dichloropropene	8.69	75	67	0.000	ppbv #	18
47) 1,1,2-Trichloroethane	9.16	97	72	0.001	ppbv #	14
49) Bromoform	13.05	173	63	0.000	ppbv #	21
50) 4-Methyl-2-Pentanone	8.73	43	60	0.000	ppbv #	39
51) 2-Hexanone	10.11	43	36	0.000	ppbv #	10
52) Tetrachloroethene	11.20	164	34	0.000	ppbv #	1
53) Toluene	9.79	91	467	0.002	ppbv #	21
54) 1,2-Dibromoethane	10.31	107	124	0.001	ppbv #	3
56) 1,1,1,2-Tetrachloroethane	12.20	131	78	0.001	ppbv #	1
57) Chlorobenzene	12.13	112	383	0.002	ppbv #	46
58) Ethyl Benzene	12.97	91	446	0.001	ppbv #	91
59) m/p-Xylene	12.97	91	446	0.001	ppbv #	33
60) o-Xylene	13.67	91	134	0.000	ppbv #	84
61) Styrene	13.51	104	124	0.001	ppbv #	1
62) Isopropylbenzene	14.37	105	305	0.001	ppbv #	95
63) 1,1,2,2-Tetrachloroethane	13.66	83	291	0.002	ppbv #	24
64) n-propylbenzene	15.56	120	103	0.001	ppbv #	1
65) tert-Butylbenzene	16.72	119	126	0.000	ppbv #	15
66) Benzyl Chloride	16.96	91	102	0.002	ppbv #	70
67) sec-Butylbenzene	17.27	105	151	0.000	ppbv #	60
69) p-Isopropyltoluene	17.63	119	343	0.001	ppbv #	47
70) n-Butylbenzene	18.52	91	357	0.001	ppbv #	53
71) 2-Chlorotoluene	15.43	91	430	0.001	ppbv #	45
72) 4-Ethyltoluene	15.82	105	161	0.000	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.98	105	136	0.000	ppbv #	33
74) 1,2,4-Trimethylbenzene	16.73	105	160	0.000	ppbv #	64
75) 1,3-Dichlorobenzene	16.97	146	334	0.002	ppbv #	1
76) 1,4-Dichlorobenzene	17.11	146	166	0.001	ppbv #	1
77) 1,2-Dichlorobenzene	17.79	146	187	0.001	ppbv #	22
78) Hexachloro-1,3-Butadiene	23.34	225	269	0.002	ppbv #	18
79) Naphthalene	22.16	128	180	0.001	ppbv #	69
80) Naphthalene,2-methyl-	24.93	142	172	0.002	ppbv #	23
81) 1,2,4-Trichlorobenzene	21.89	180	61	0.000	ppbv #	11

(#) = 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: VL0505ABL01

Acq: 5 May 2022 9:00

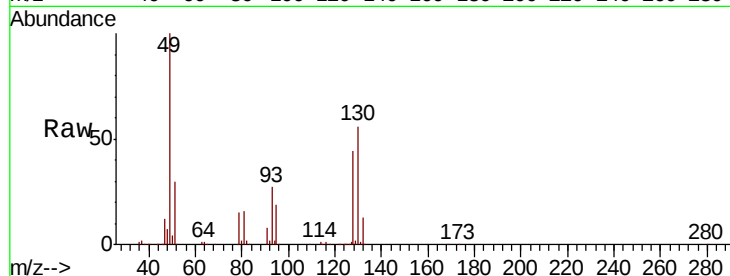
Tot Ion: 49 Resp: 1283974

Ion Ratio Lower Upper

49 100

128 47.1 23.3 69.8

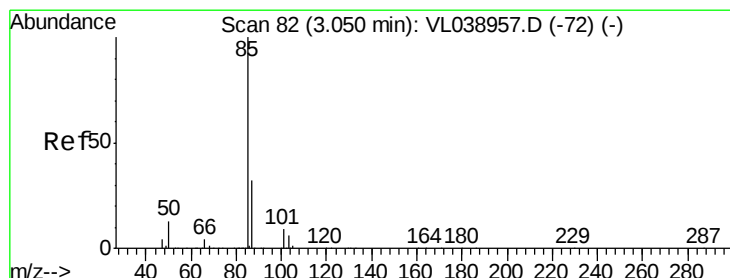
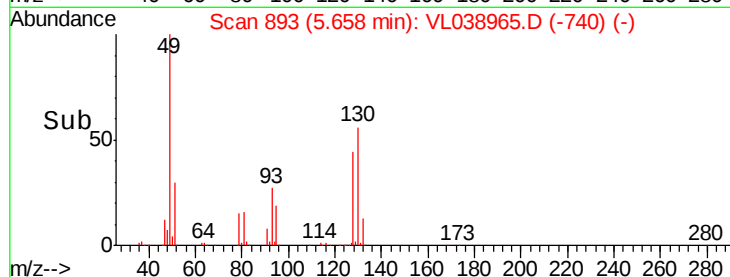
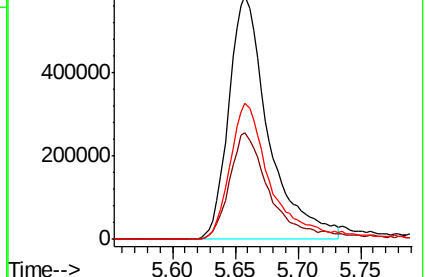
130 59.6 29.8 89.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.001 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL038965.D

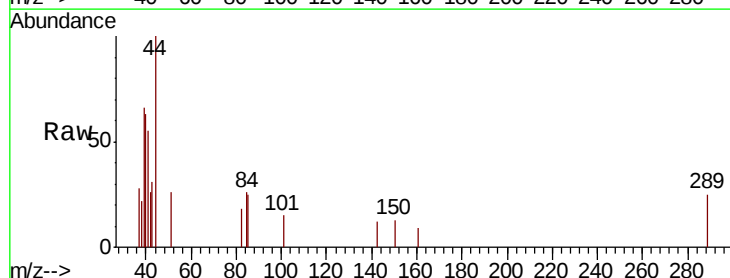
Acq: 5 May 2022 9:06

Tgt Ion: 85 Resp: 154

Ion Ratio Lower Upper

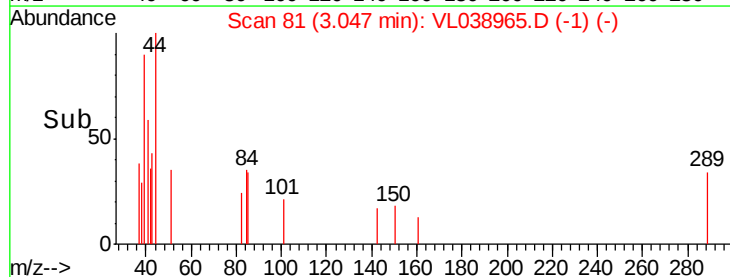
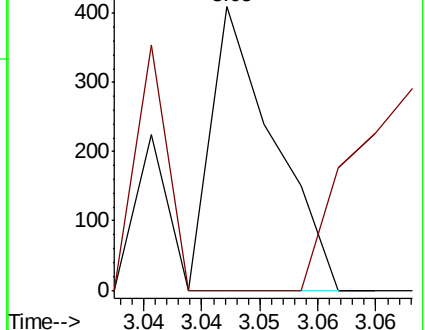
85 100

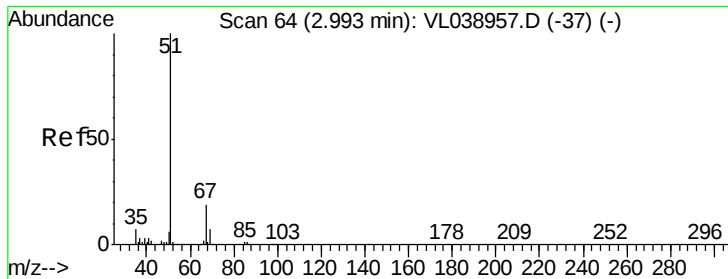
87 0.0 25.7 38.5#



Abundance Ion 85.00 (84.70 to 85.70): VL0

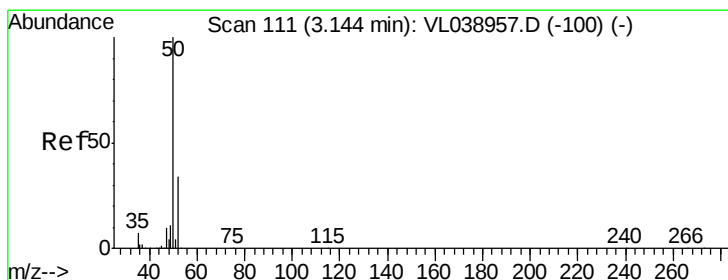
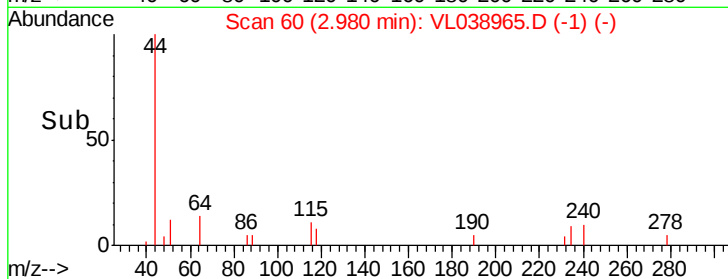
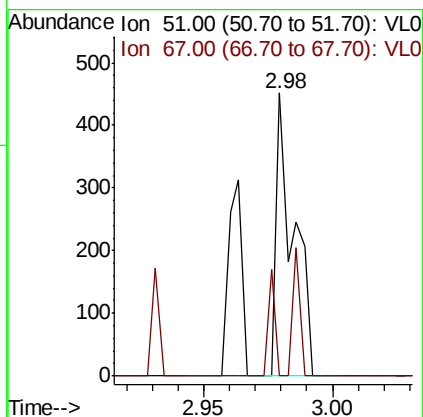
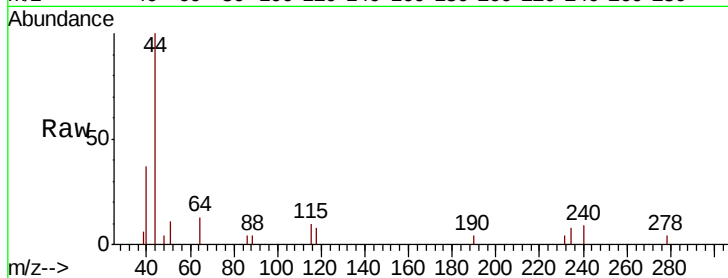
Ion 87.00 (86.70 to 87.70): VL0





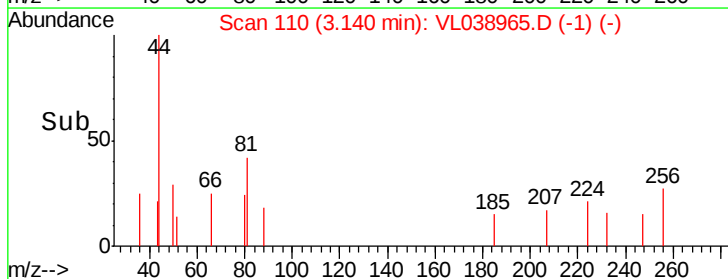
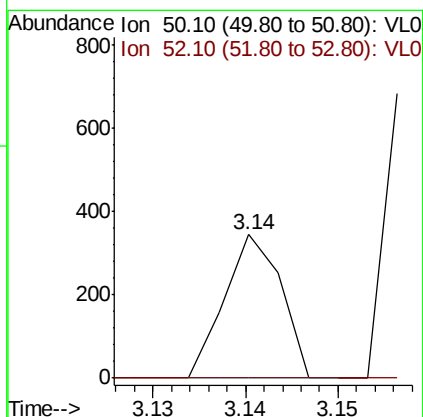
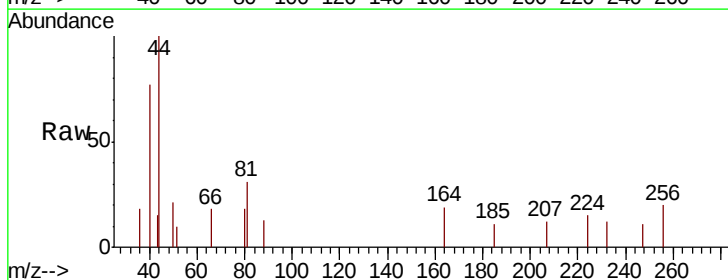
#3
Chlorodifluoromethane
Concen: 0.002 ppbv
RT: 2.98 Instrument: MSVOA_1
Delta R.T. ClientSampleId:
Lab File: VL0505ABL01
Acq: 5 May 2022 9:00

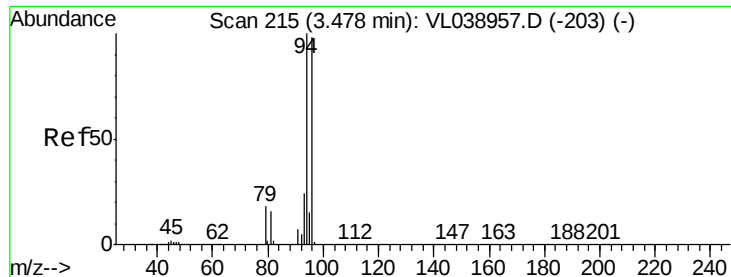
Tot Ion: 51 Resp: 320
Ion Ratio Lower Upper
51 100
67 0.0 15.8 23.8#



#4
Chloromethane
Concen: 0.002 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 50 Resp: 145
Ion Ratio Lower Upper
50 100
52 0.0 27.3 40.9#





#6

Bromomethane

Concen: 0.002 ppbv

RT: 3.46 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

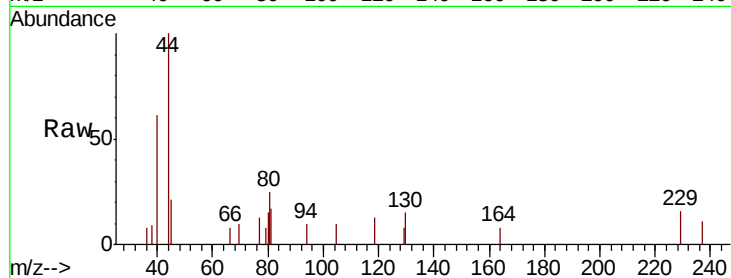
Acq: 5 May 2022 9:00

Tot Ion: 94 Resp: 66

Ion Ratio Lower Upper

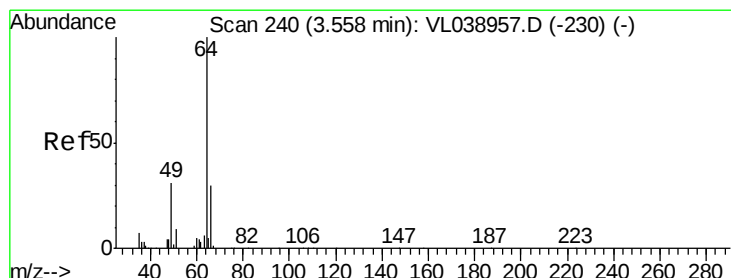
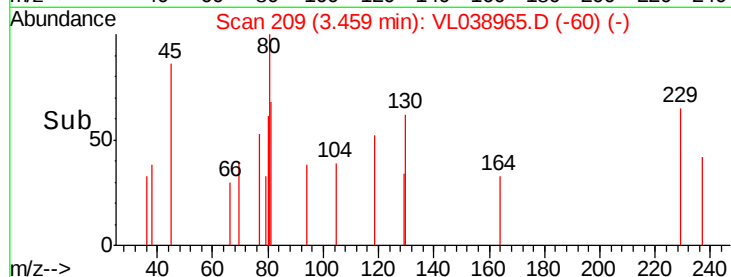
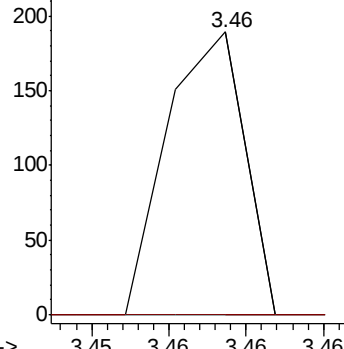
94 100

96 0.0 78.1 117.1#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0



#7

Chloroethane

Concen: 0.003 ppbv

RT: 3.37 min Scan# 180

Delta R.T. -0.19 min

Lab File: VL038965.D

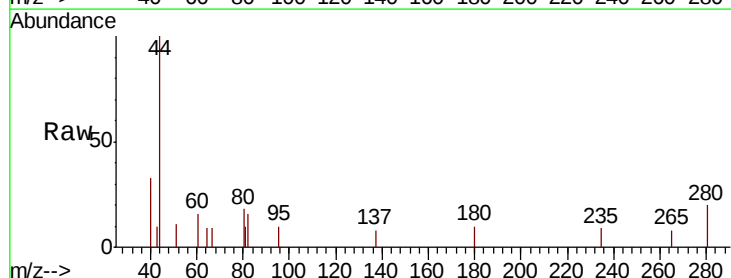
Acq: 5 May 2022 9:06

Tgt Ion: 64 Resp: 68

Ion Ratio Lower Upper

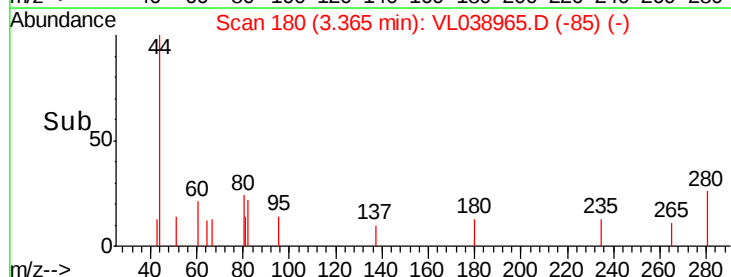
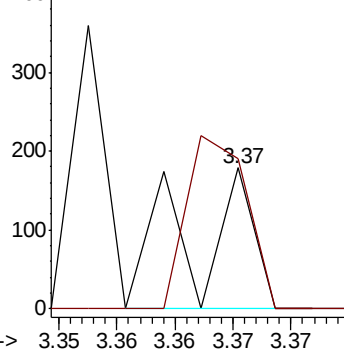
64 100

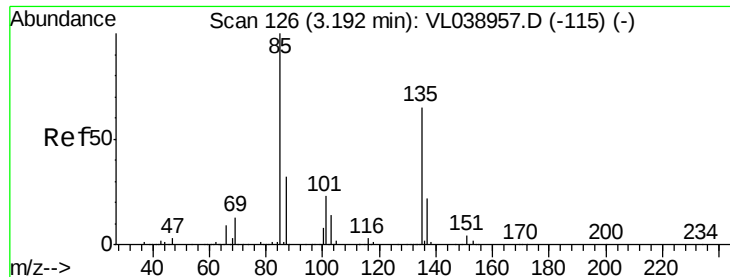
66 106.7 23.8 35.8#



Abundance Ion 64.10 (63.80 to 64.80): VL0

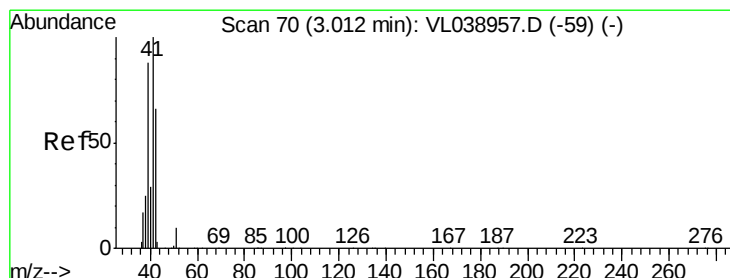
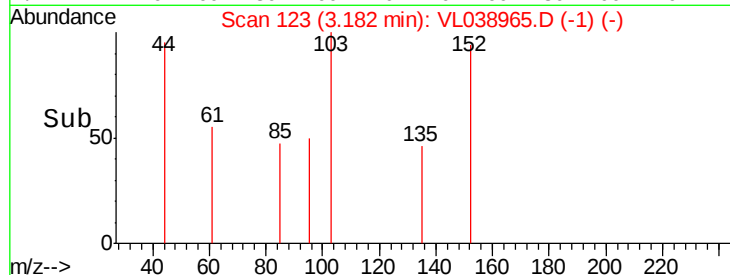
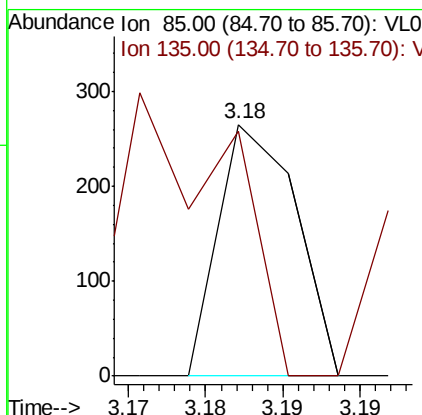
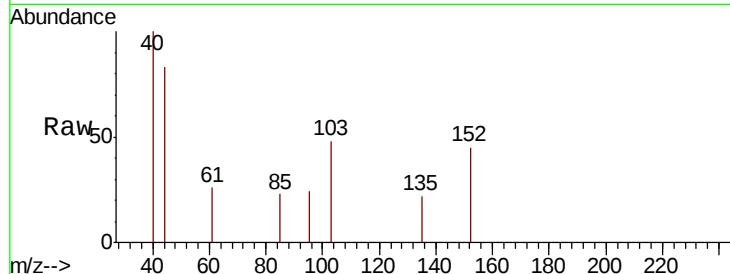
Ion 66.10 (65.80 to 66.80): VL0





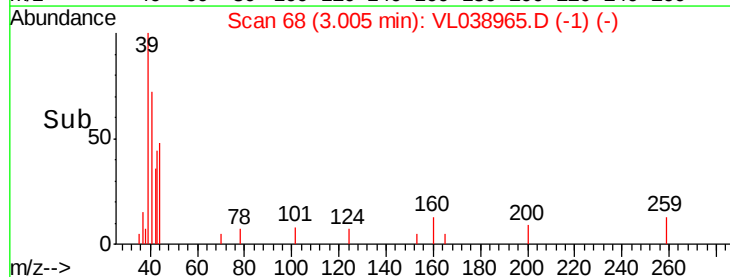
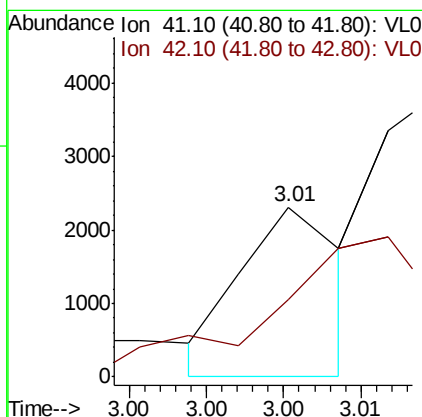
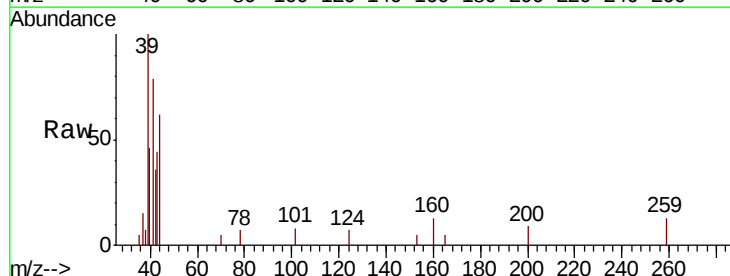
#8
Dichlorotetrafluoroethane
Concen: 0.001 ppbv
RT: 3.18
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0505ABL01
Acq: 5 May 2022 9:00

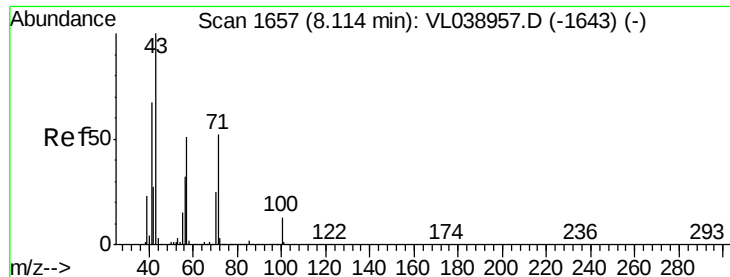
Tot Ion: 85 Resp: 92
Ion Ratio Lower Upper
85 100
135 222.8 53.6 80.4#



#9
Propene
Concen: 0.015 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 41 Resp: 1056
Ion Ratio Lower Upper
41 100
42 0.0 58.3 87.5#





#10

Heptane

Concen: 0.002 ppbv

RT: 8.10 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

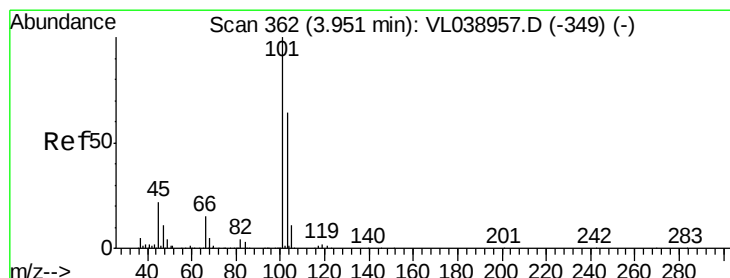
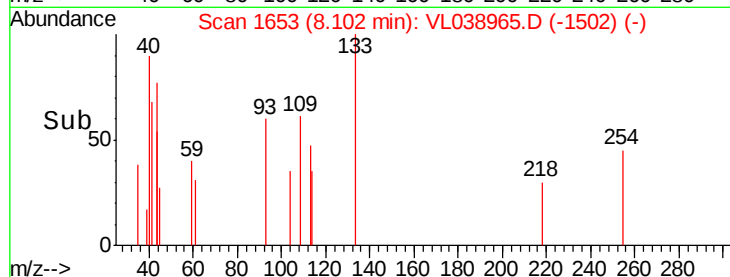
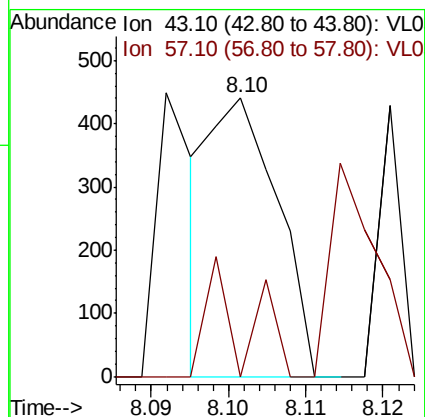
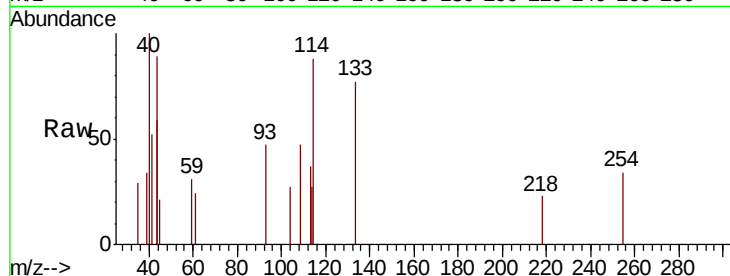
Acq: 5 May 2022 9:00

Tot Ion: 43 Resp: 269

Ion Ratio Lower Upper

43 100

57 0.0 40.5 60.7#



#11

Trichlorofluoromethane

Concen: 0.001 ppbv

RT: 3.95 min Scan# 361

Delta R.T. -0.00 min

Lab File: VL038965.D

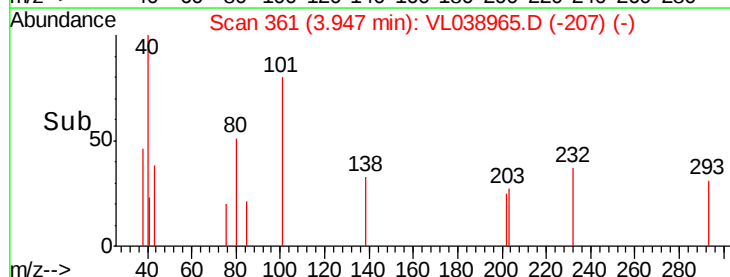
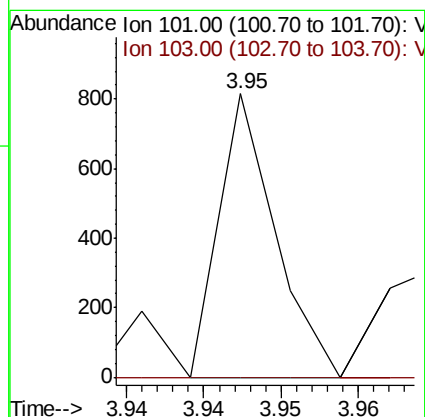
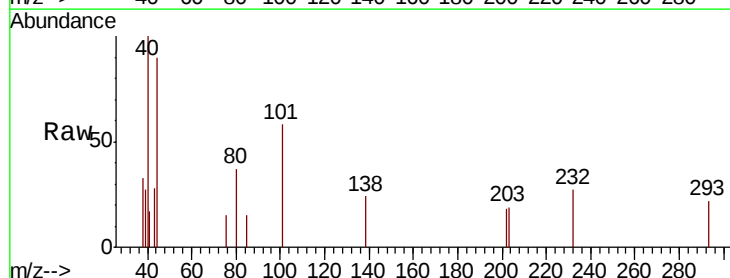
Acq: 5 May 2022 9:06

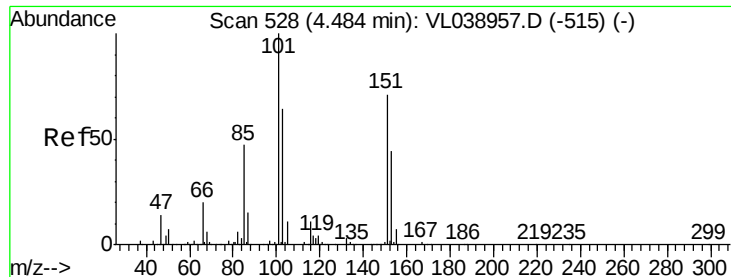
Tgt Ion: 101 Resp: 205

Ion Ratio Lower Upper

101 100

103 0.0 51.5 77.3#





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.001 ppbv

RT: 4.50 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

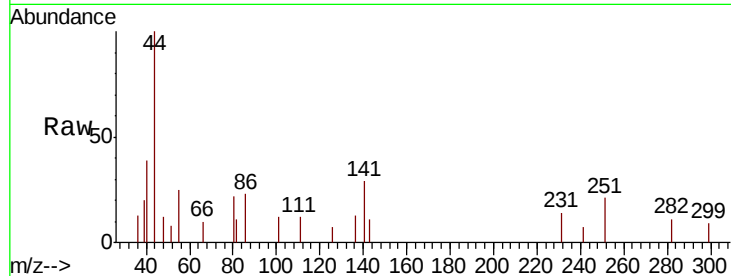
Acq: 5 May 2022 9:00

Tot Ion:101 Resp: 96

Ion Ratio Lower Upper

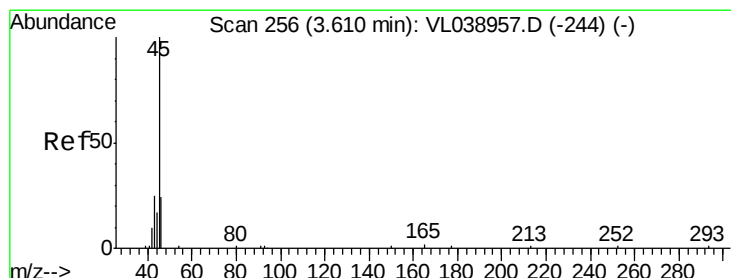
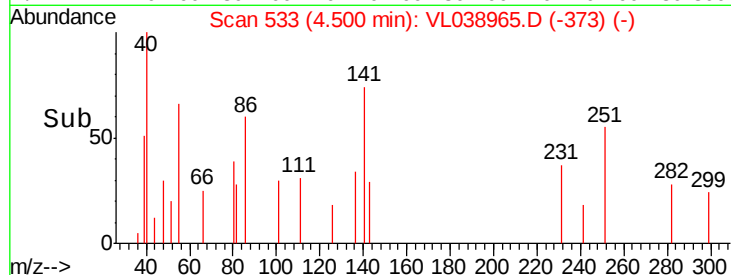
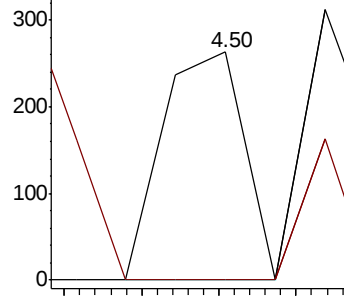
101 100

151 131.3 55.4 83.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 0.028 ppbv

RT: 3.61 min Scan# 256

Delta R.T. -0.00 min

Lab File: VL038965.D

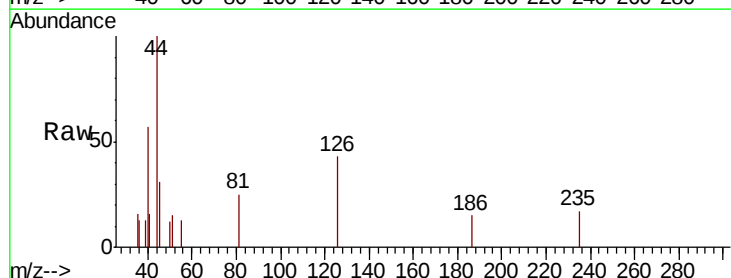
Acq: 5 May 2022 9:06

Tgt Ion: 45 Resp: 151

Ion Ratio Lower Upper

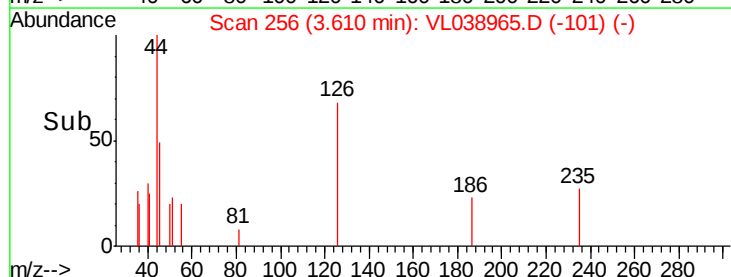
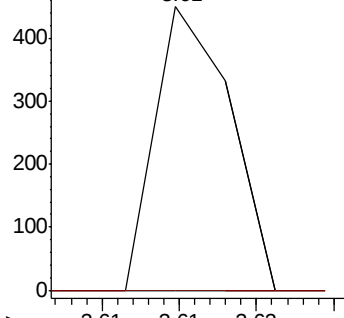
45 100

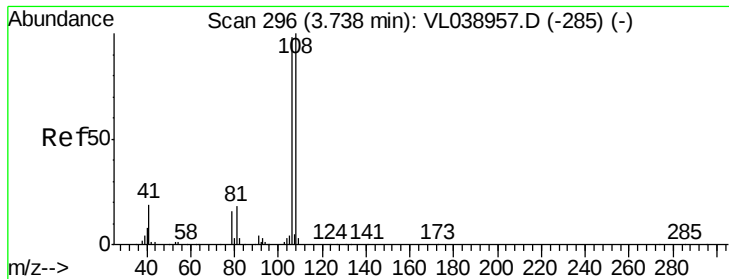
46 0.0 18.0 72.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#14

Bromoethene

Concen: 0.001 ppbv

RT: 3.97 Instrument:

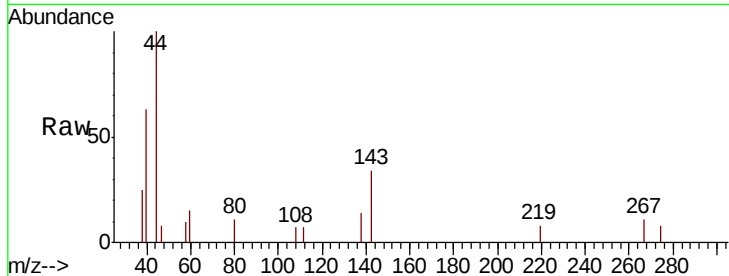
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 9:00

Tot Ion: 108 Resp: 29

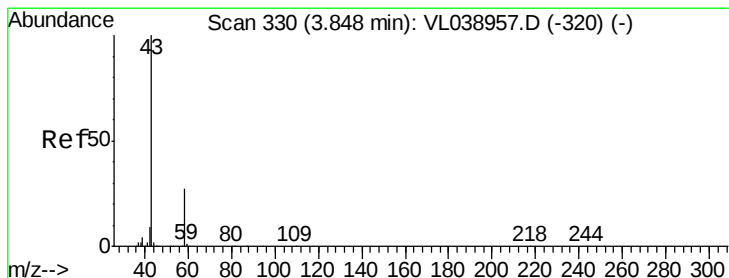
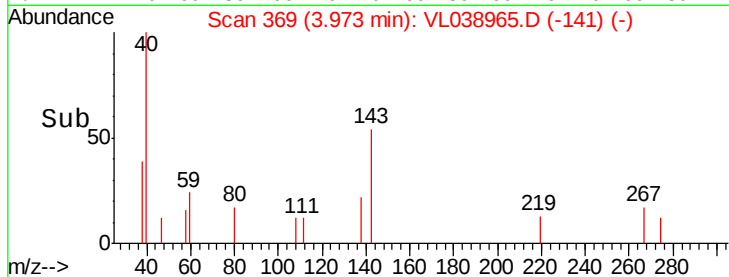
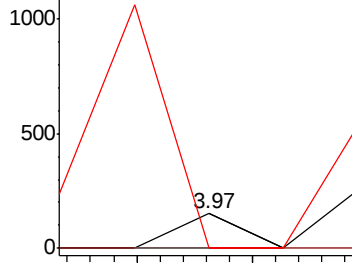
Ion	Ratio	Lower	Upper
108	100		
106	0.0	90.3	135.5#
79	2534.5	14.9	22.3#



Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0



#15

Acetone

Concen: 0.001 ppbv

RT: 3.83 min Scan# 326

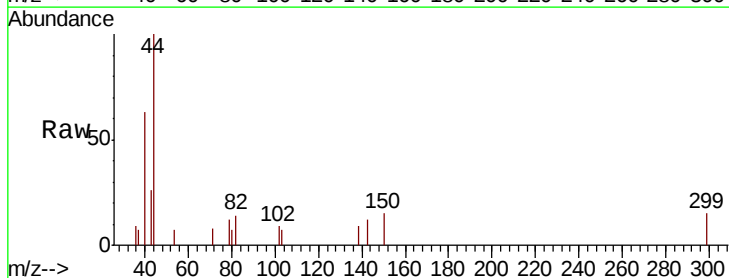
Delta R.T. -0.01 min

Lab File: VL038965.D

Acq: 5 May 2022 9:06

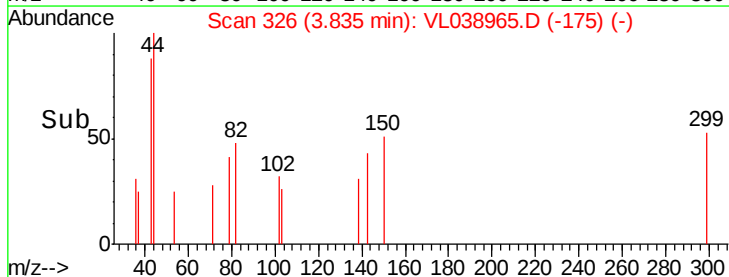
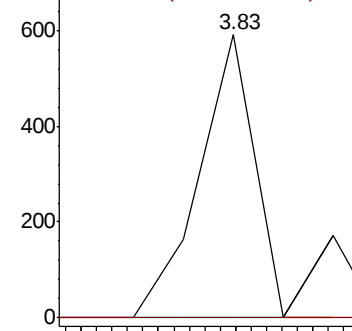
Tgt Ion: 43 Resp: 146

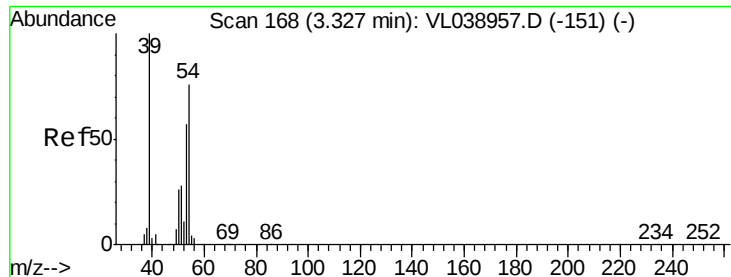
Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.3	31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

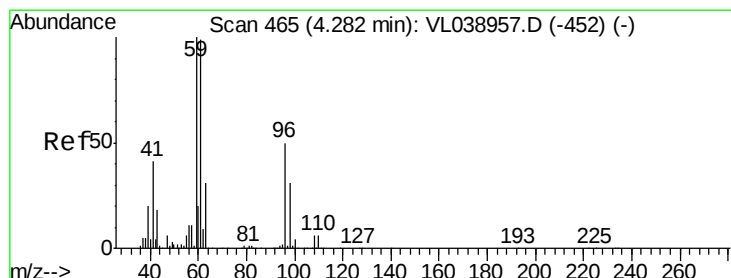
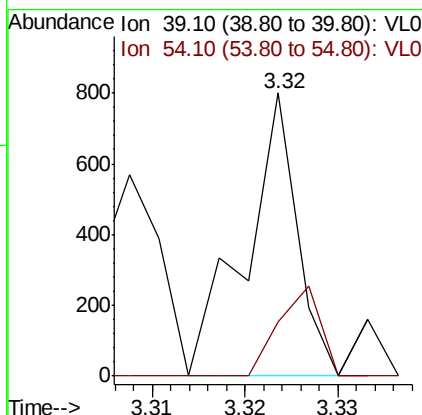
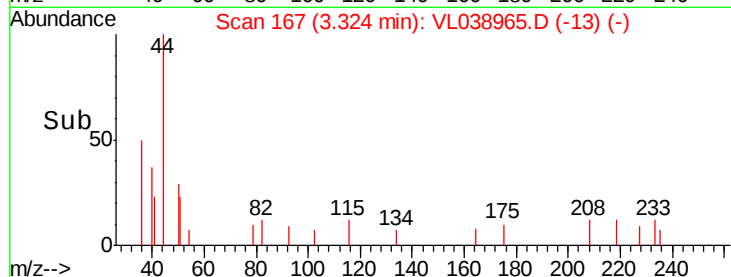
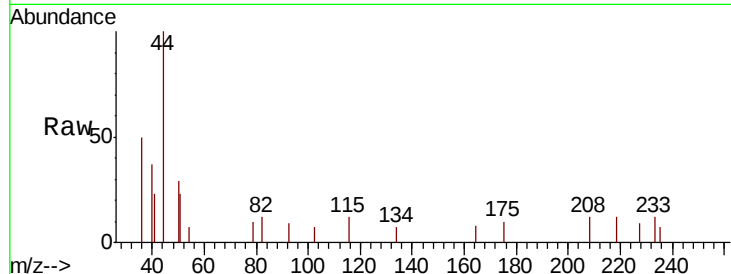
Ion 58.10 (57.80 to 58.80): VL0





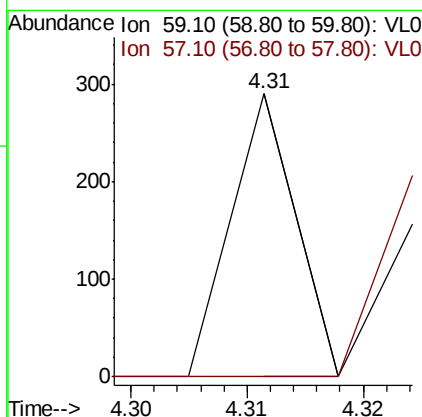
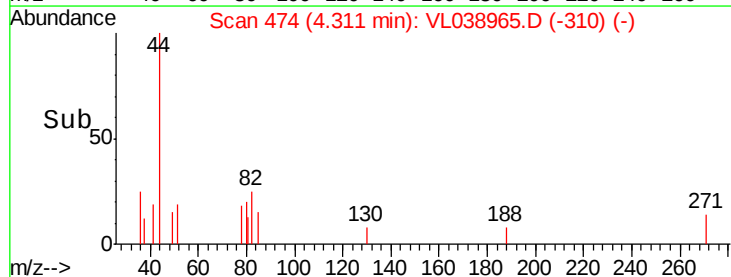
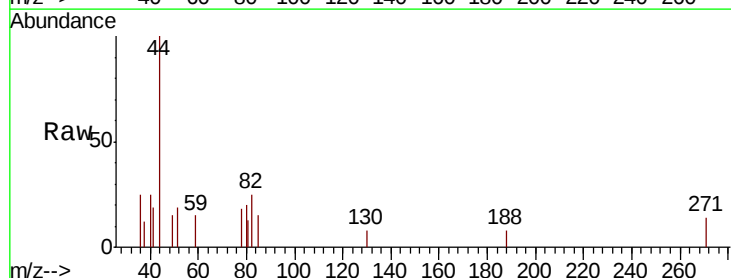
#16
 1,3-Butadiene
 Concen: 0.004 ppbv
 RT: 3.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0505ABL01
 Acq: 5 May 2022 9:00

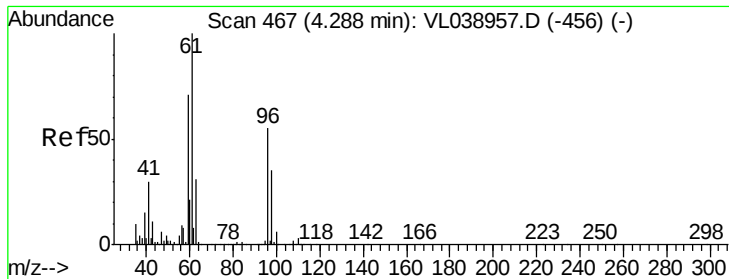
Tot Ion: 39 Resp: 308
 Ion Ratio Lower Upper
 39 100
 54 25.3 65.2 97.8#



#17
 tert-Butyl alcohol
 Concen: 0.001 ppbv
 RT: 4.31 min Scan# 474
 Delta R.T. 0.03 min
 Lab File: VL038965.D
 Acq: 5 May 2022 9:06

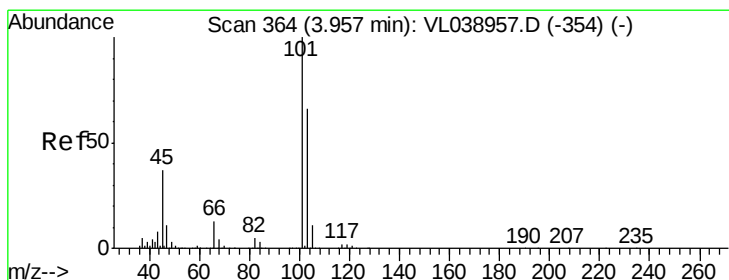
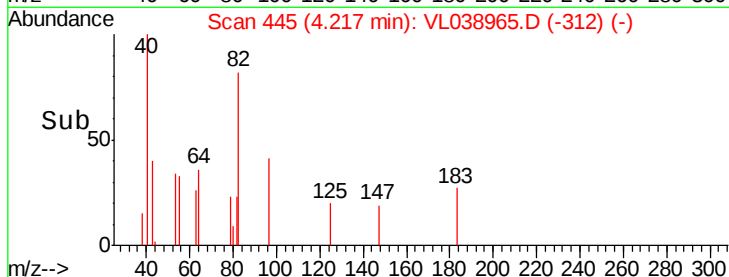
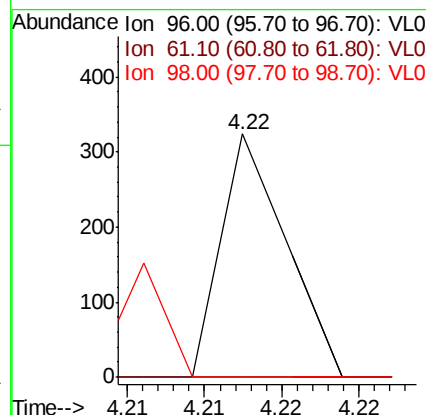
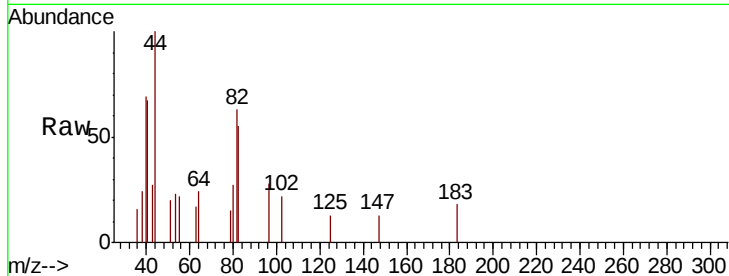
Tgt Ion: 59 Resp: 56
 Ion Ratio Lower Upper
 59 100
 57 71.4 9.2 13.8#





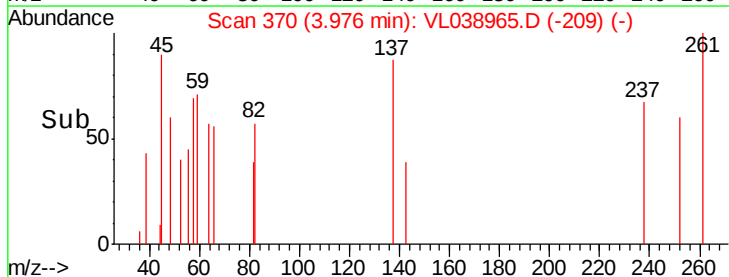
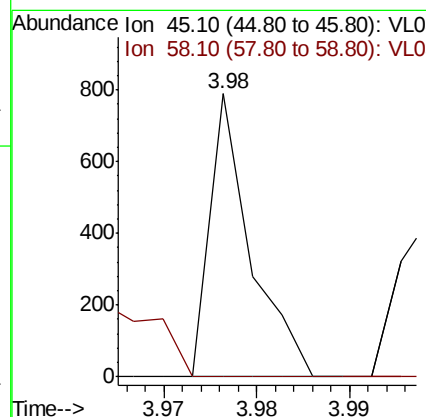
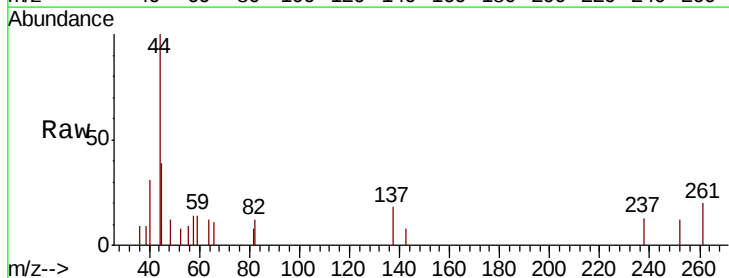
#18
 1,1-Dichloroethene
 Concen: 0.002 ppbv
 RT: 4.22
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0505ABL01
 Acq: 5 May 2022 9:00

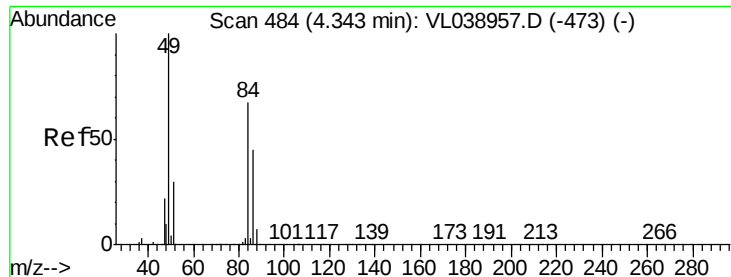
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	146.3	219.5#
98	0.0	50.6	75.8#



#19
 Isopropyl Alcohol
 Concen: 0.004 ppbv
 RT: 3.98 min Scan# 370
 Delta R.T. 0.02 min
 Lab File: VL038965.D
 Acq: 5 May 2022 9:06

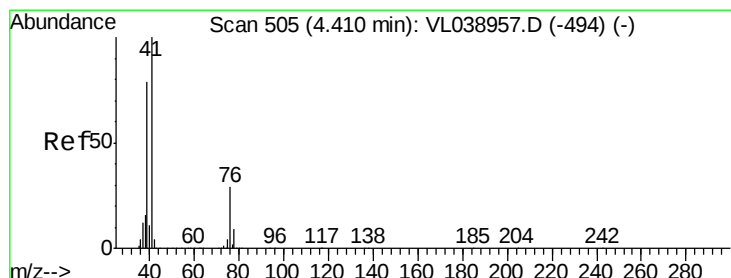
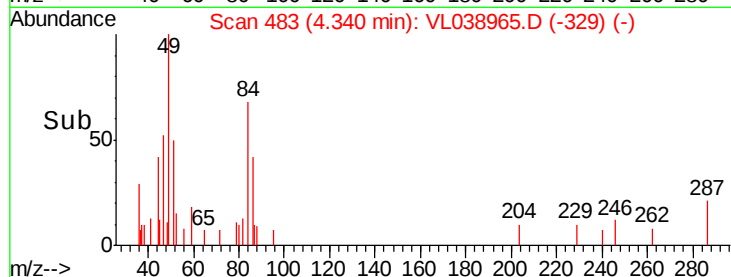
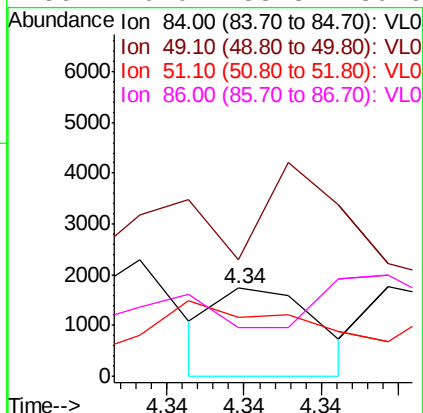
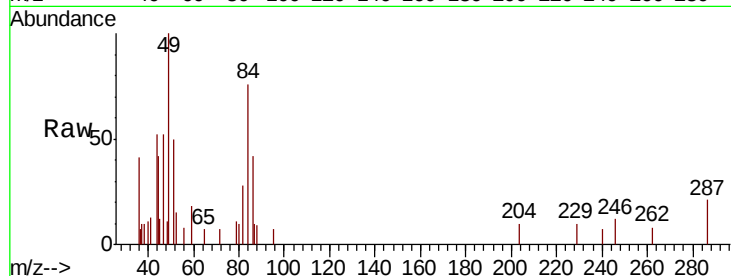
Tgt Ion	Ratio	Lower	Upper
45	100		
58	41.7	1.4	2.2#





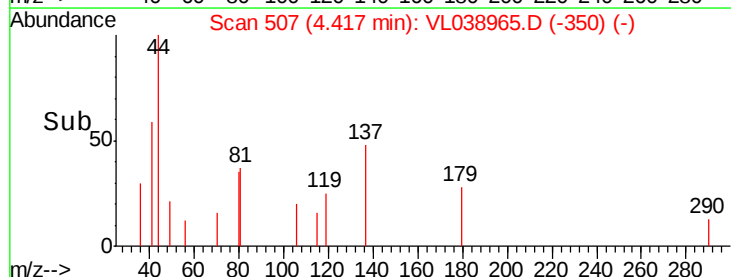
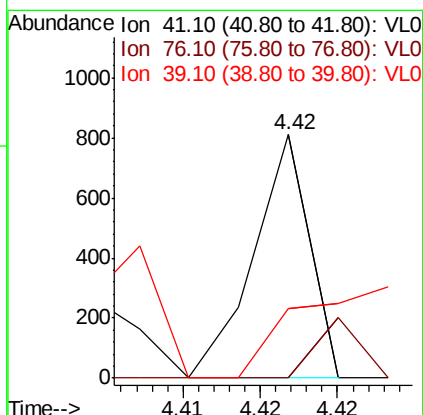
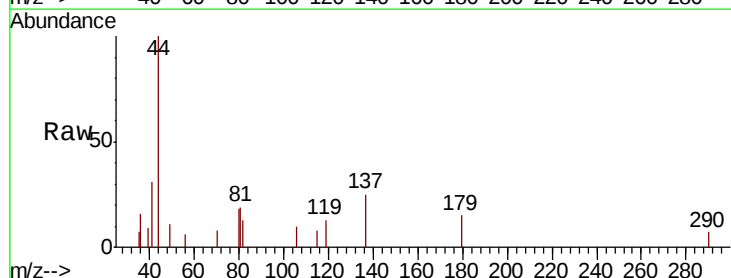
#20
Methvlene Chloride
Concen: 0.017 ppbv
RT: 4.34
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0505ABL01
Acq: 5 May 2022 9:00

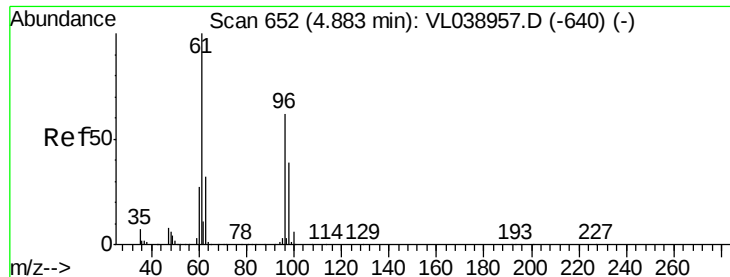
Tot Ion:	84	Resp:	782
Ion	Ratio	Lower	Upper
84	100		
49	0.0	119.9	179.9#
51	25.4	35.7	53.5#
86	0.0	53.8	80.6#



#21
Allyl Chloride
Concen: 0.002 ppbv
RT: 4.42 min Scan# 507
Delta R.T. 0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:	41	Resp:	202
Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.4#
39	142.6	63.8	95.8#





#22

trans-1,2-Dichloroethene

Concen: 0.003 ppbv

RT: 4.69 Instrument: MSVOA_1

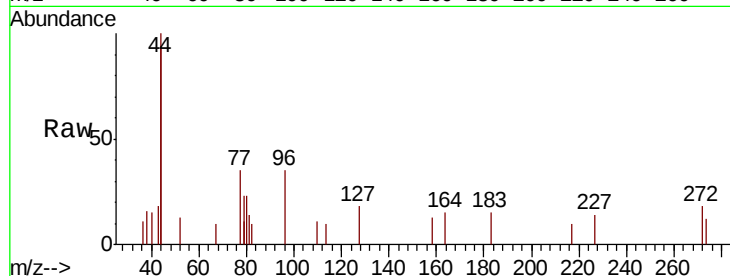
Delta R.T. ClientSampleId:

Lab File: VL0505ABL01

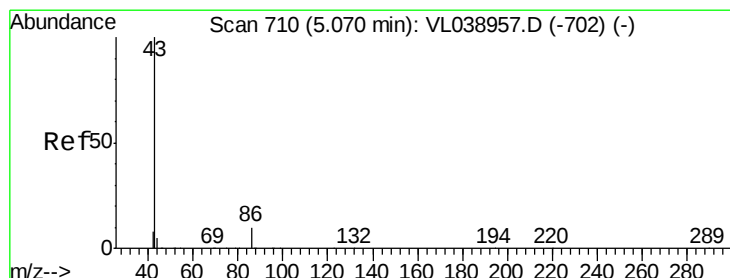
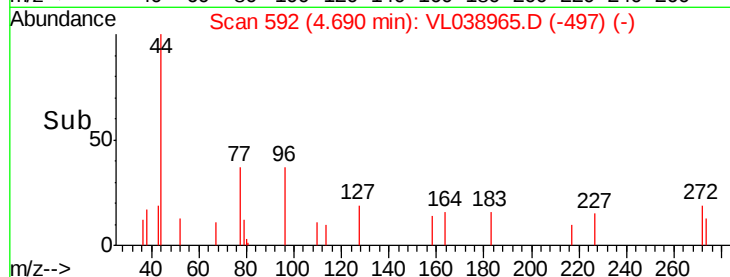
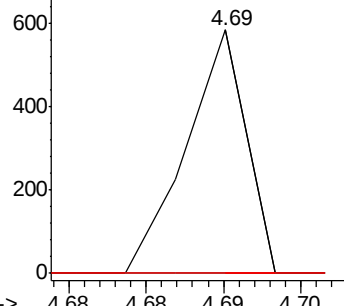
Acq: 5 May 2022 9:00

Tot Ion: 96 Resp: 157

Ion	Ratio	Lower	Upper
96	100		
61	0.0	128.2	192.2#
98	0.0	50.1	75.1#



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: 0.002 ppbv

RT: 5.06 min Scan# 707

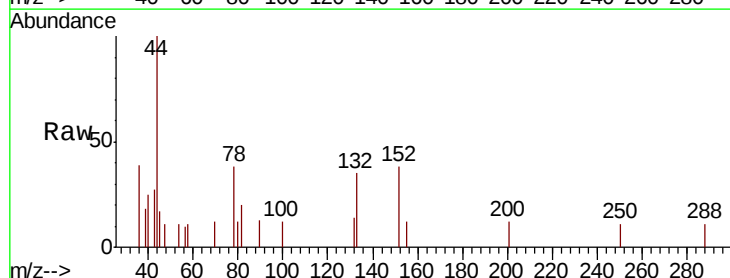
Delta R.T. -0.01 min

Lab File: VL038965.D

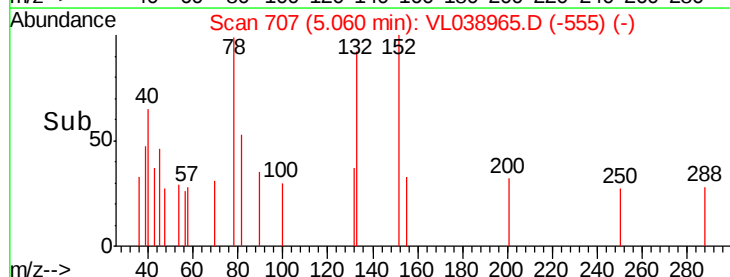
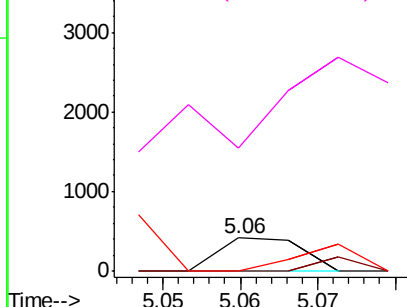
Acq: 5 May 2022 9:06

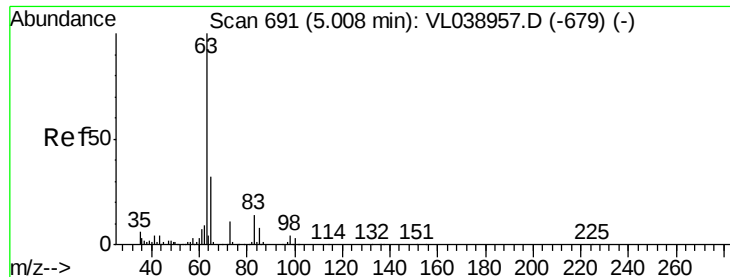
Tgt Ion: 43 Resp: 153

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.6	9.8#
42	0.0	8.1	12.1#
44	0.0	3.5	5.3#



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: 0.001 ppbv

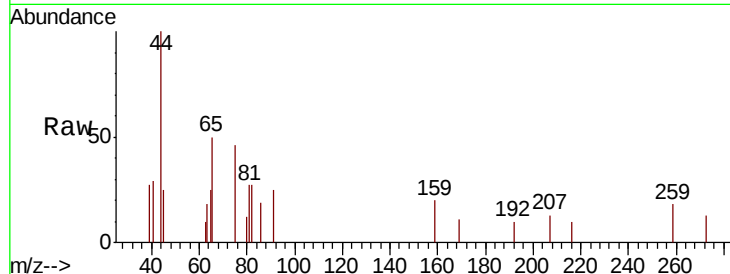
RT: 5.01 Instrument: MSVOA_1

Delta R.T.

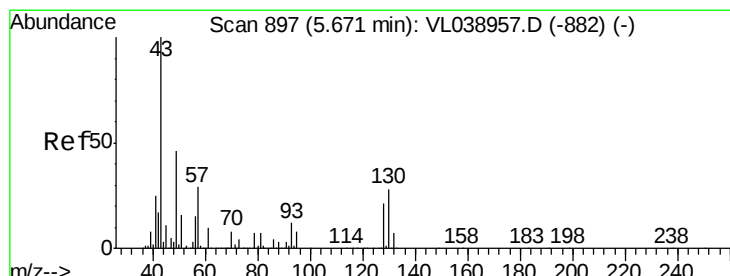
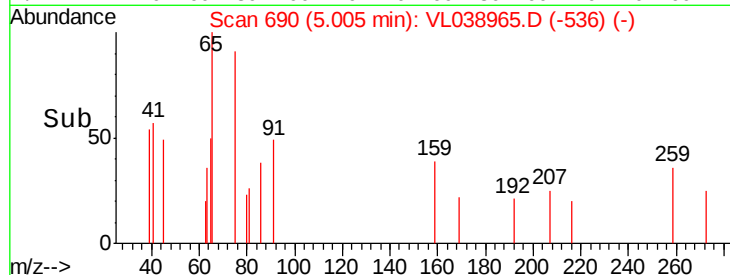
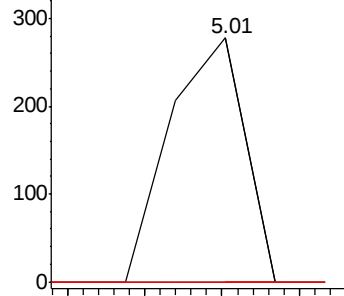
Lab File: ClientSampleId:

Acq: 5 May 2022 9:00

Tot Ion:	63	Resp:	93
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.2#
100	0.0	1.4	4.2#



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: 0.001 ppbv

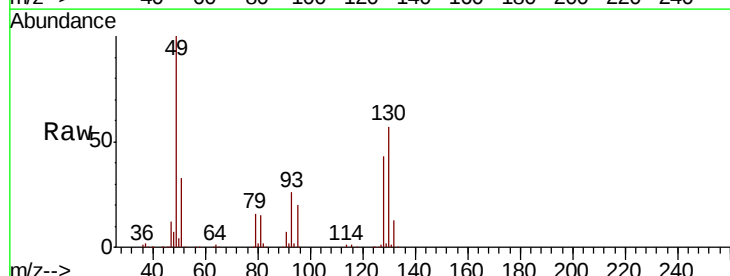
RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

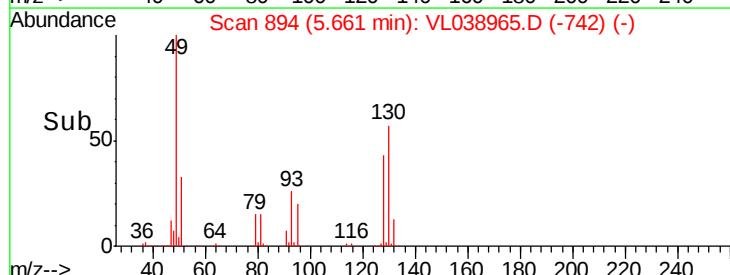
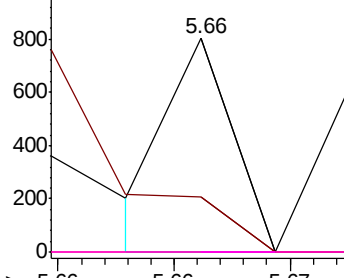
Lab File: VL038965.D

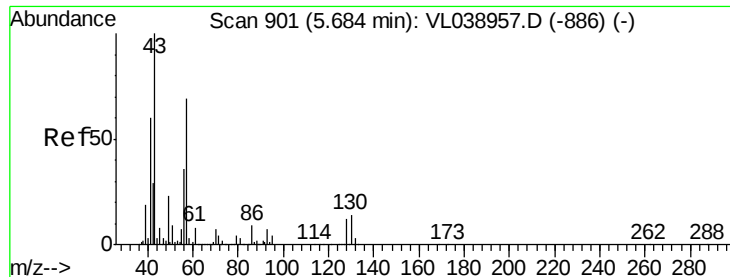
Acq: 5 May 2022 9:06

Tgt Ion:	43	Resp:	155
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.1	12.1#
61	0.0	7.8	11.6#
70	0.0	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: 0.001 ppbv

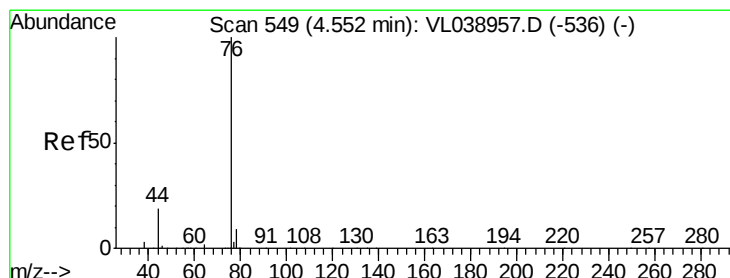
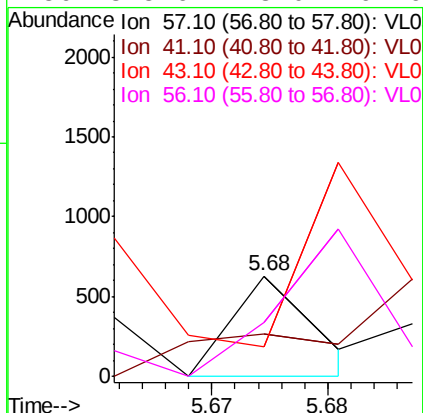
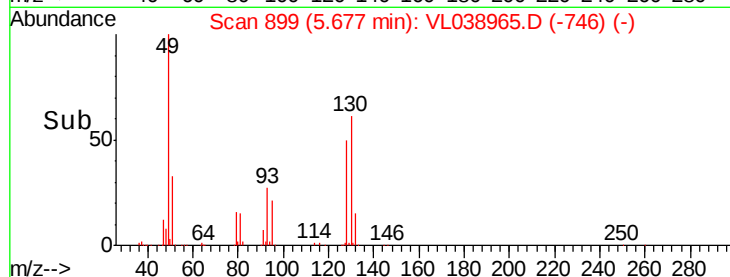
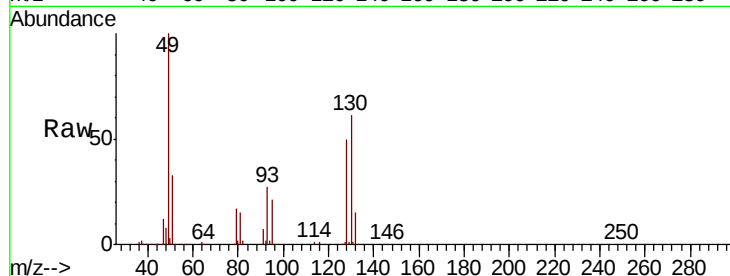
RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 9:00

Tot Ion:	57	Resp:	154
Ion	Ratio	Lower	Upper
57	100		
41	0.0	75.2	112.8#
43	1185.1	190.8	286.2#
56	315.6	43.0	64.6#



#27

Carbon Disulfide

Concen: 0.001 ppbv

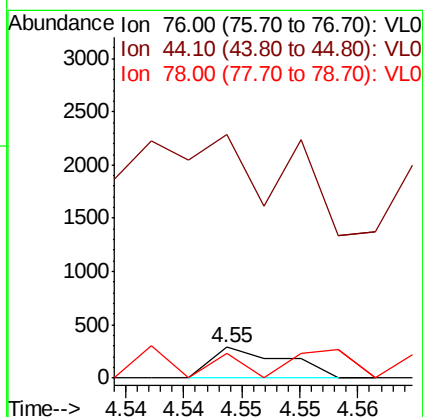
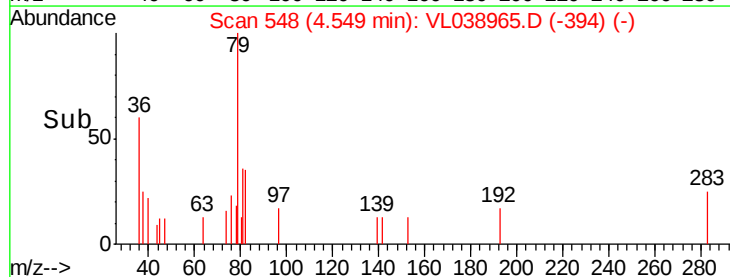
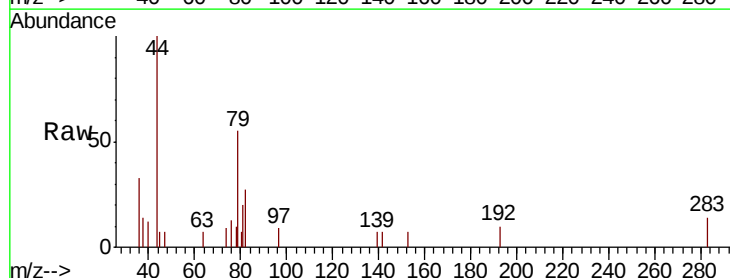
RT: 4.55 min Scan# 548

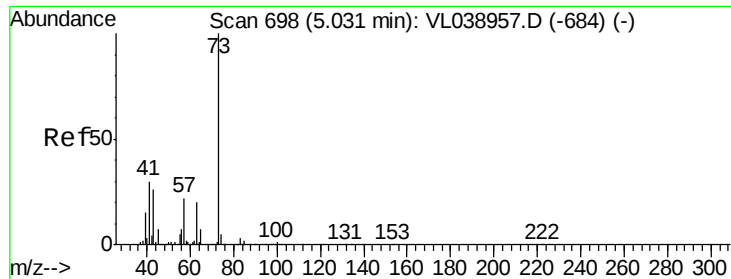
Delta R.T. -0.00 min

Lab File: VL038965.D

Acq: 5 May 2022 9:06

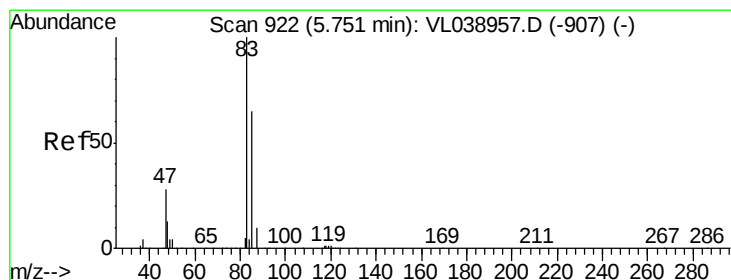
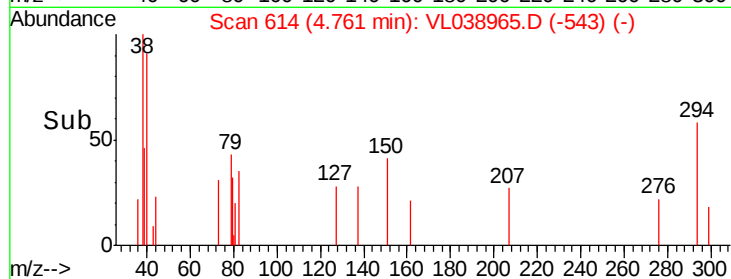
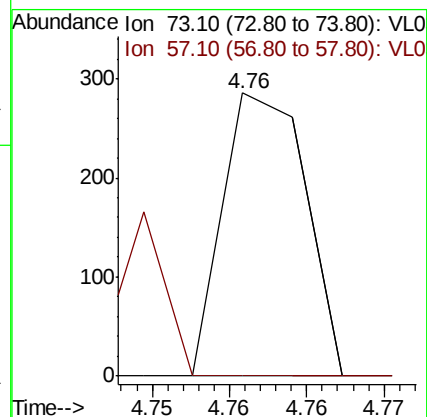
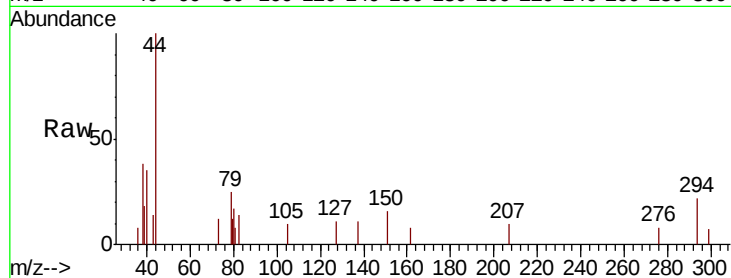
Tgt Ion:	76	Resp:	127
Ion	Ratio	Lower	Upper
76	100		
44	2736.2	15.3	22.9#
78	40.2	8.2	12.2#





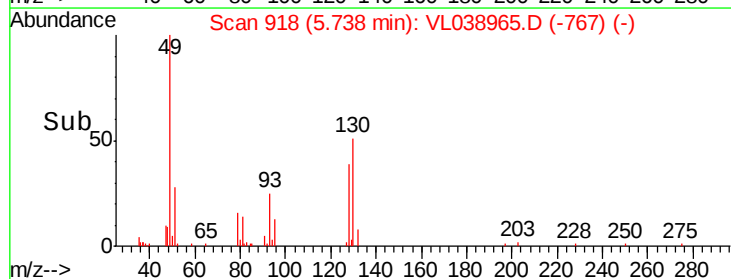
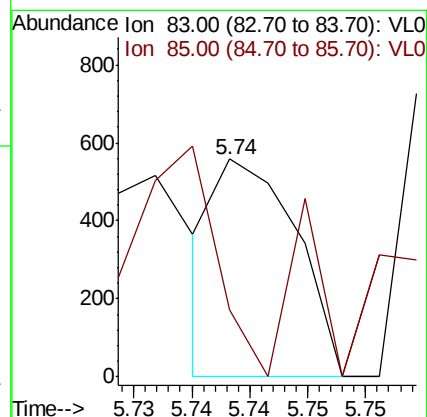
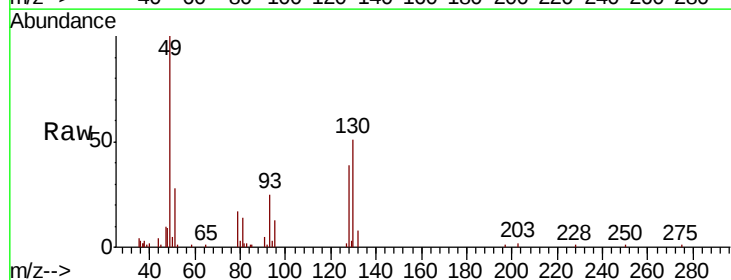
#28
Methvl tert-Butvl Ether
Concen: 0.001 ppbv
RT: 4.76 Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId : VL0505ABL01
Acq: 5 May 2022 9:00

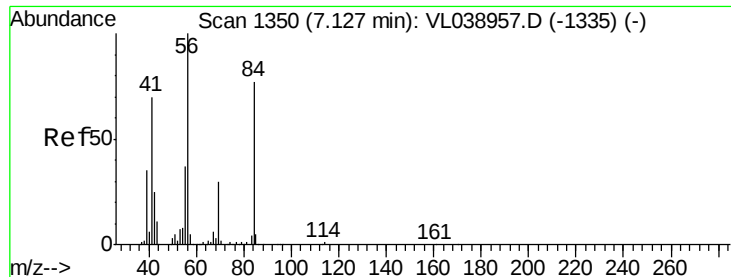
Tot Ion: 73 Resp: 106
Ion Ratio Lower Upper
73 100
57 27.4 18.8 28.2



#29
Chloroform
Concen: 0.001 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

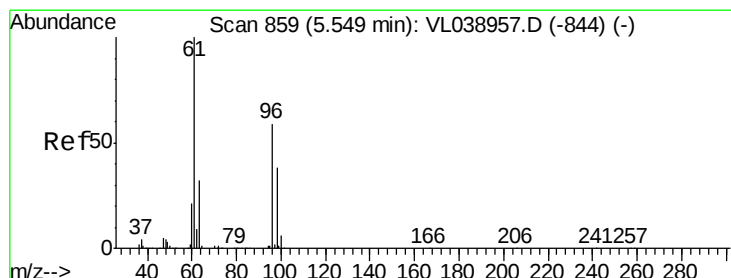
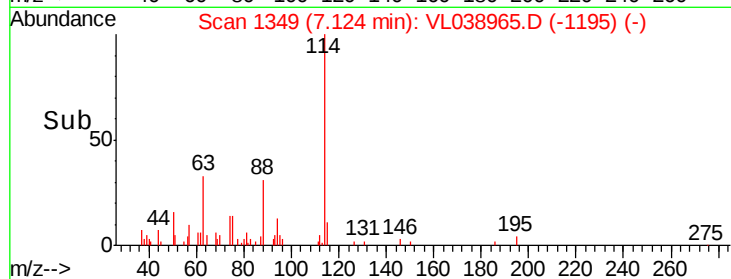
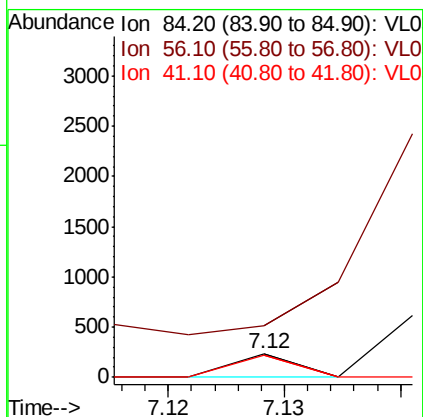
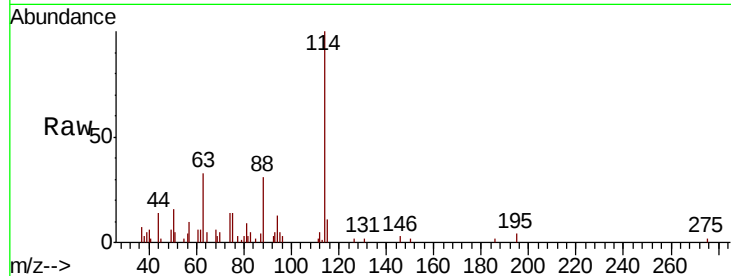
Tgt Ion: 83 Resp: 269
Ion Ratio Lower Upper
83 100
85 31.0 51.8 77.6#





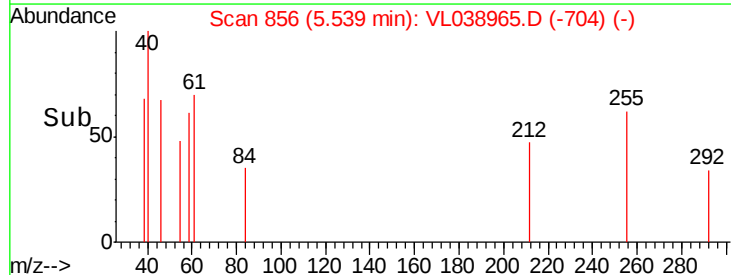
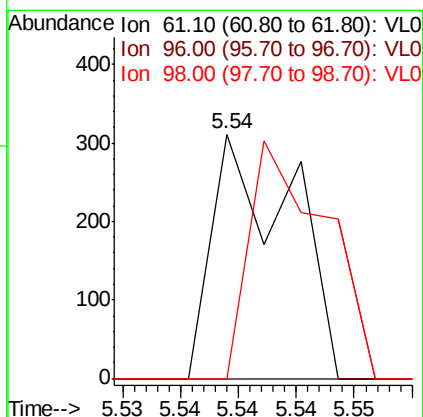
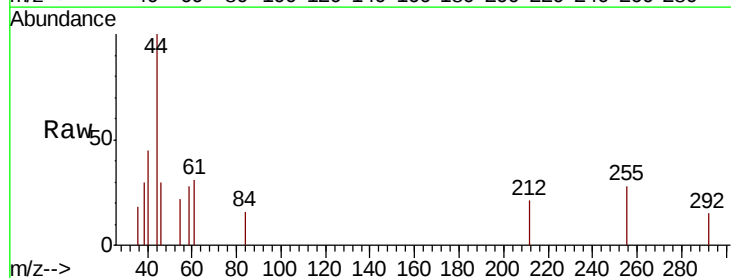
#30
Cvclohexane
Concen: 0.000 ppbv
RT: 7.12
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL0505ABL01
Acq: 5 May 2022 9:00

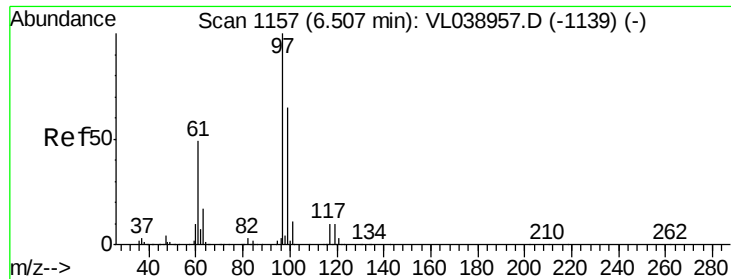
Tot Ion: 84 Resp: 46
Ion Ratio Lower Upper
84 100
56 0.0 115.3 172.9#
41 300.0 72.0 108.0#



#31
cis-1,2-Dichloroethene
Concen: 0.001 ppbv
RT: 5.54 min Scan# 856
Delta R.T.: -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 61 Resp: 146
Ion Ratio Lower Upper
61 100
96 0.0 47.4 71.0#
98 0.0 30.6 45.8#





#32

1,1,1-Trichloroethane

Concen: 0.000 ppbv

RT: 6.50 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0505ABL01

Acq: 5 May 2022 9:00

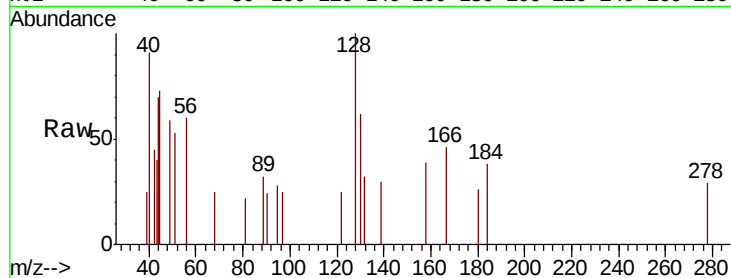
Tot Ion: 97 Resp: 35

Ion Ratio Lower Upper

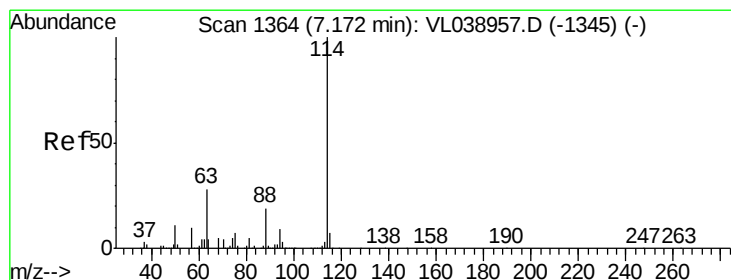
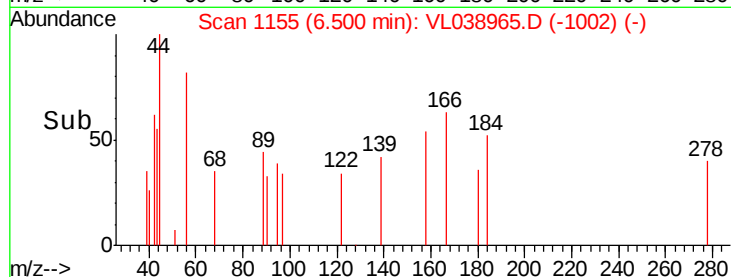
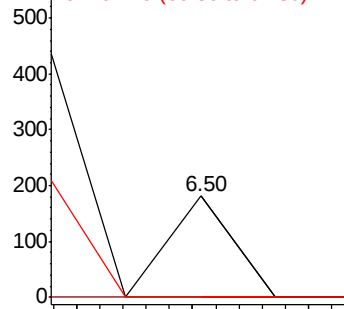
97 100

99 0.0 51.9 77.9#

61 0.0 40.9 61.3#



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: 7.16 min Scan# 1361

Delta R.T. -0.01 min

Lab File: VL038965.D

Acq: 5 May 2022 9:06

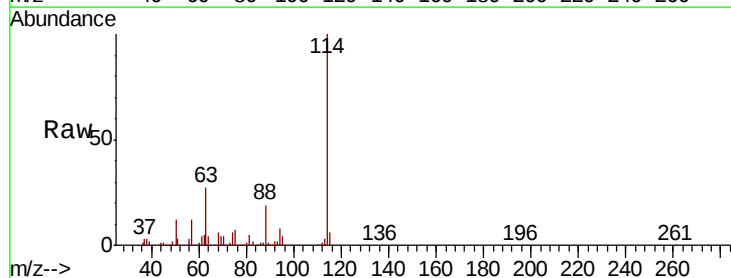
Tgt Ion: 114 Resp: 3038656

Ion Ratio Lower Upper

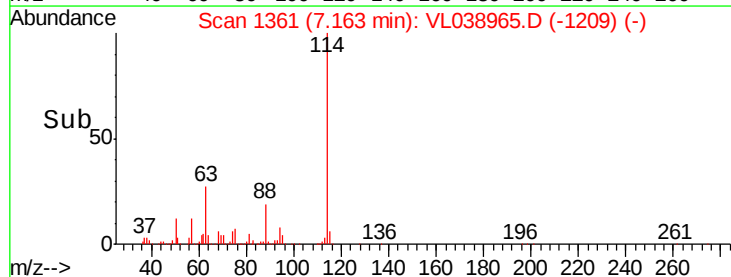
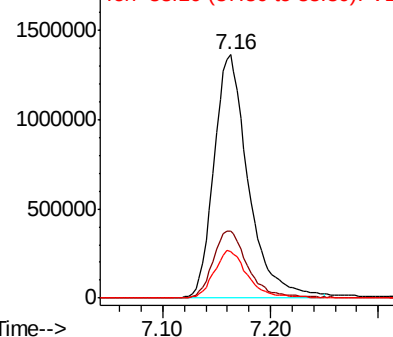
114 100

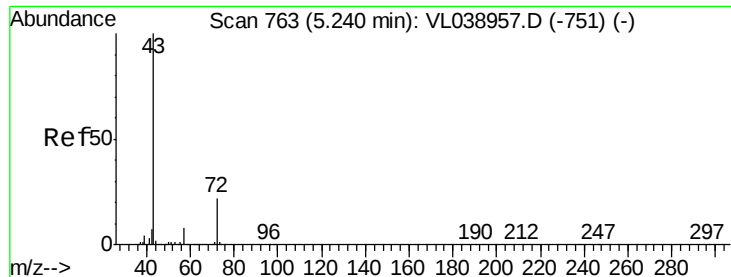
63 28.3 22.6 33.8

88 19.4 15.4 23.0



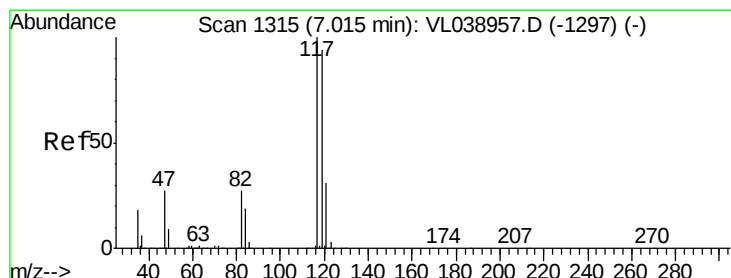
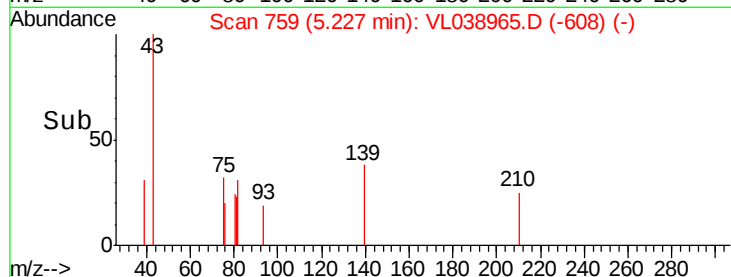
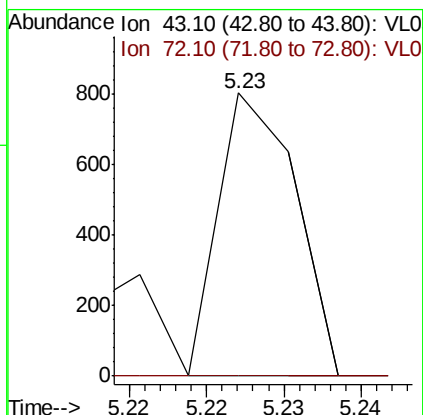
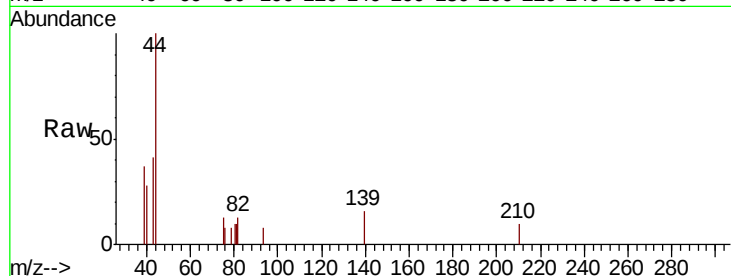
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





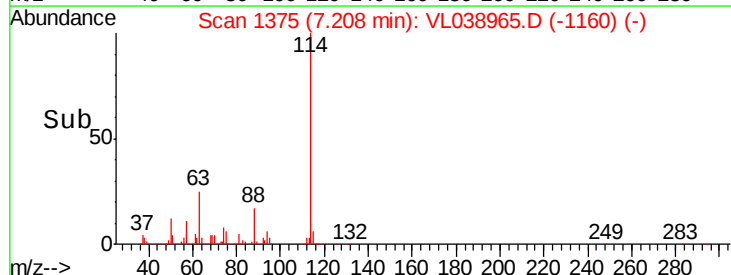
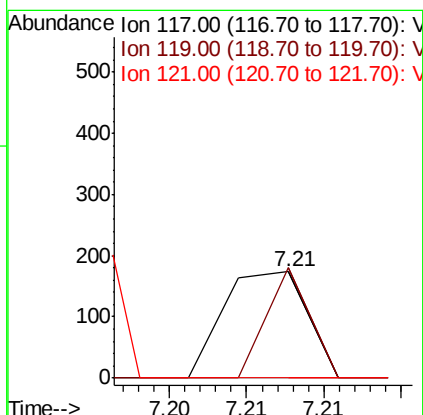
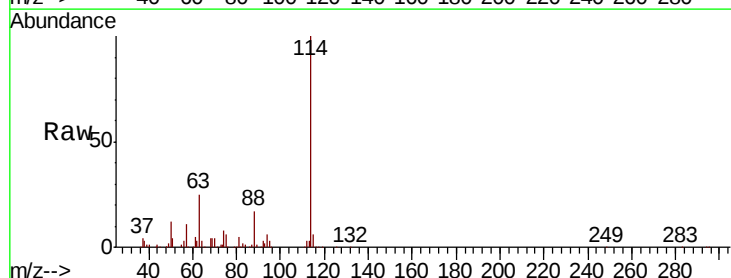
#34
2-Butanone
Concen: 0.002 ppbv
RT: 5.23
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0505ABL01
Acq: 5 May 2022 9:00

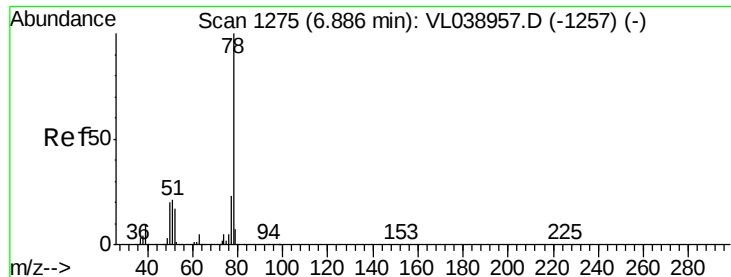
Tot Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.6#



#35
Carbon Tetrachloride
Concen: 0.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. 0.19 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

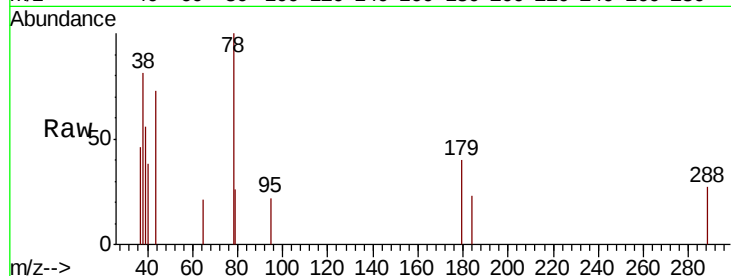
Tgt Ion: 117 Resp: 65
Ion Ratio Lower Upper
117 100
119 104.0 75.2 112.8
121 0.0 24.6 37.0#



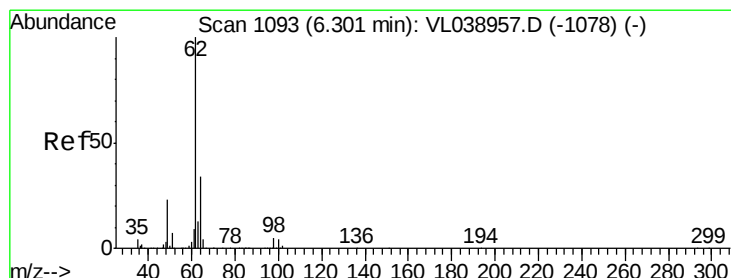
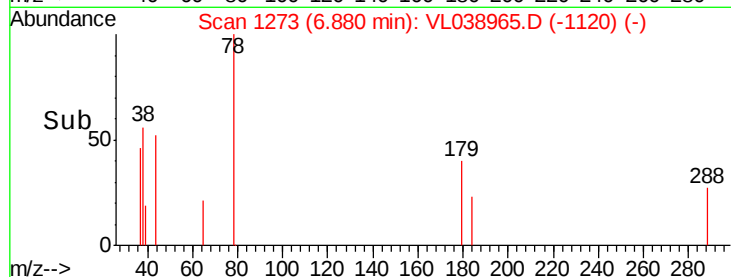
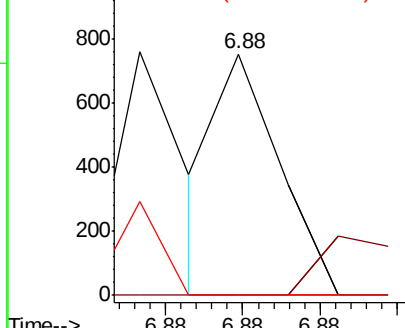


#36
Benzene
Concen: 0.001 ppbv
RT: 6.88
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0505ABL01
Acq: 5 May 2022 9:00

Tot Ion: 78 Resp: 212
Ion Ratio Lower Upper
78 100
77 0.0 18.6 28.0#
50 0.0 15.6 23.4#

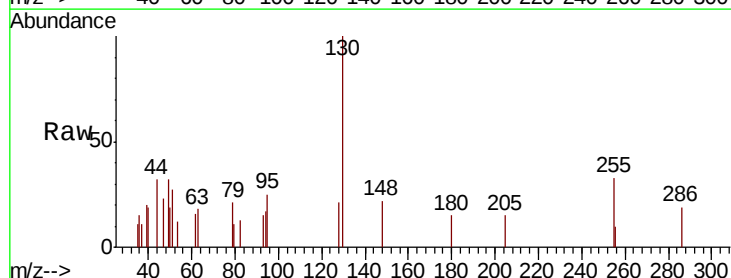


Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0

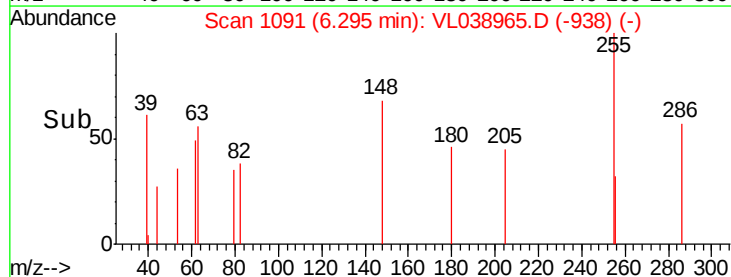
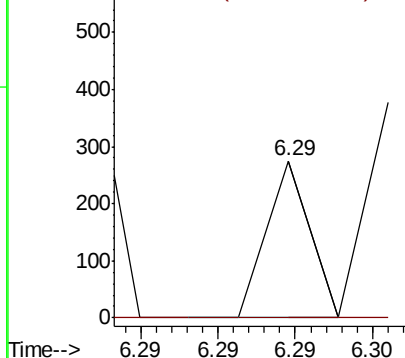


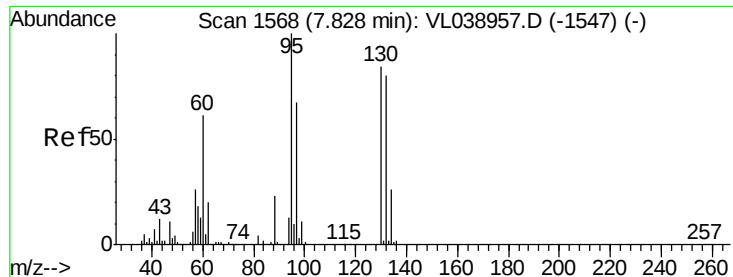
#37
1,2-Dichloroethane
Concen: 0.000 ppbv
RT: 6.29 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 62 Resp: 53
Ion Ratio Lower Upper
62 100
98 0.0 4.5 6.7#



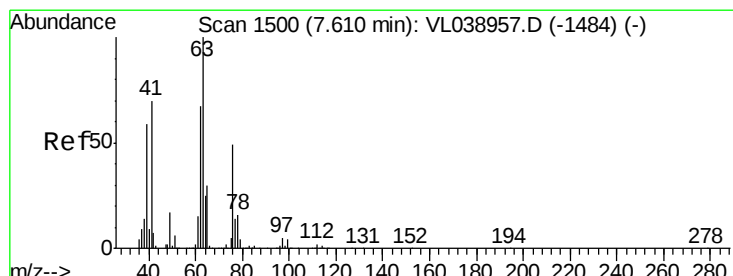
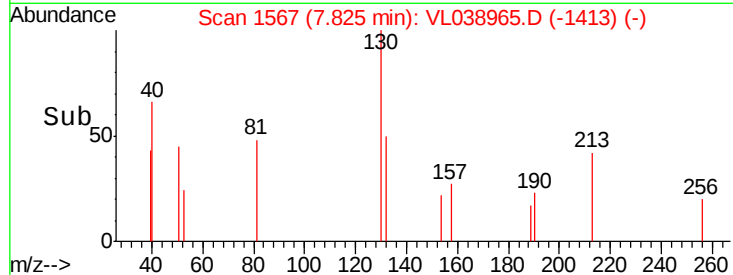
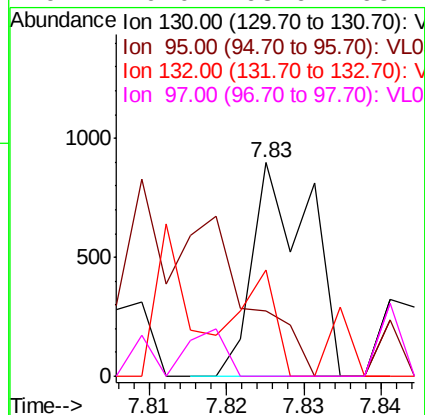
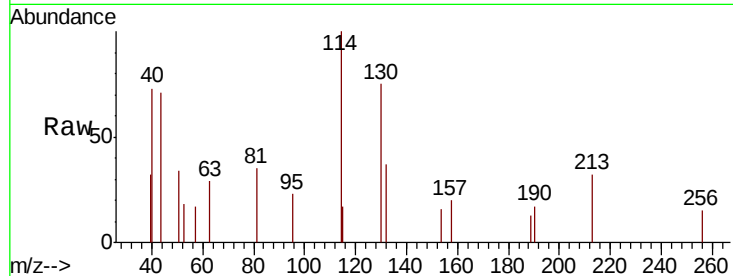
Abundance Ion 62.10 (61.80 to 62.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





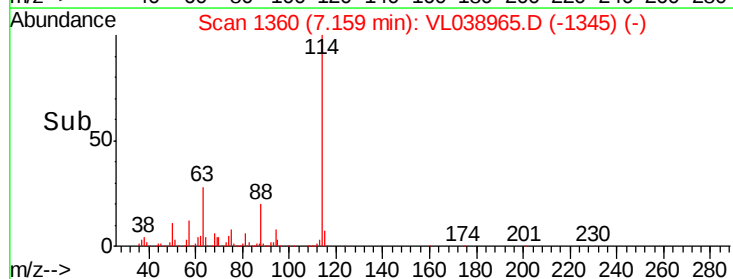
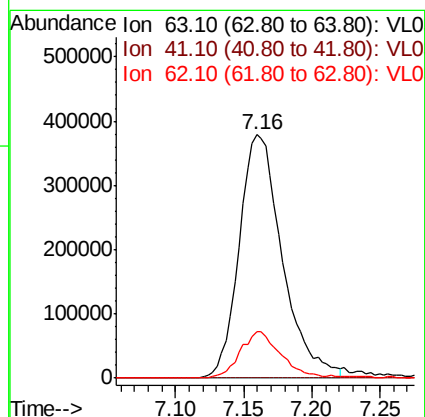
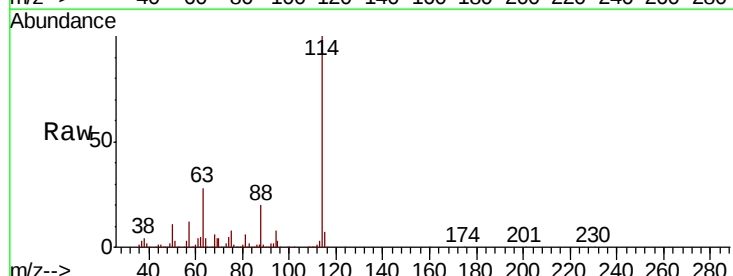
#38
 Trichloroethene
 Concen: 0.004 ppbv
 RT: 7.83
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0505ABL01
 Acq: 5 May 2022 9:00

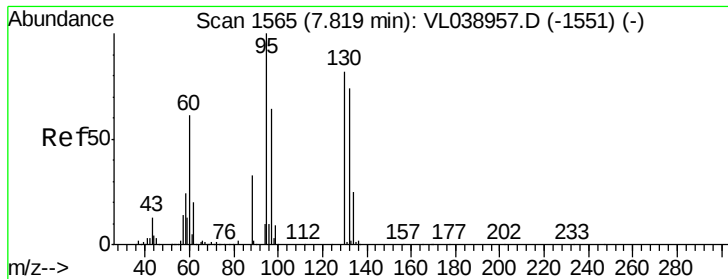
Tot Ion: 130 Resp: 462
 Ion Ratio Lower Upper
 130 100
 95 30.5 94.8 142.2#
 132 28.0 75.8 113.8#
 97 0.0 63.6 95.4#



#39
 1,2-Dichloropropane
 Concen: 8.223 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.45 min
 Lab File: VL038965.D
 Acq: 5 May 2022 9:06

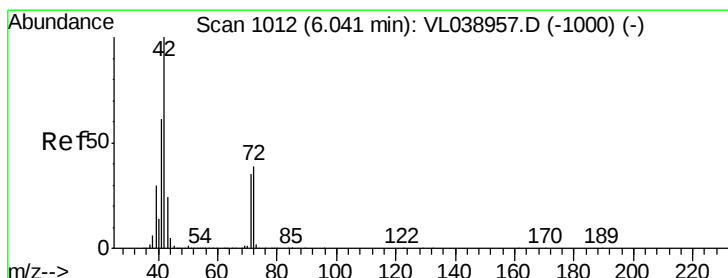
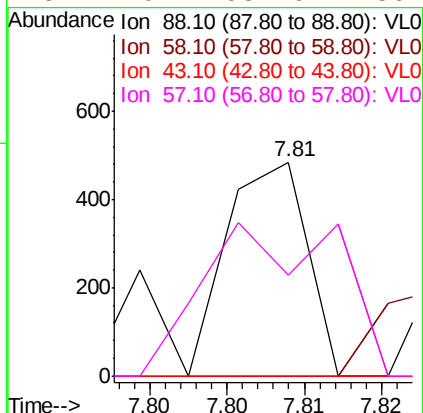
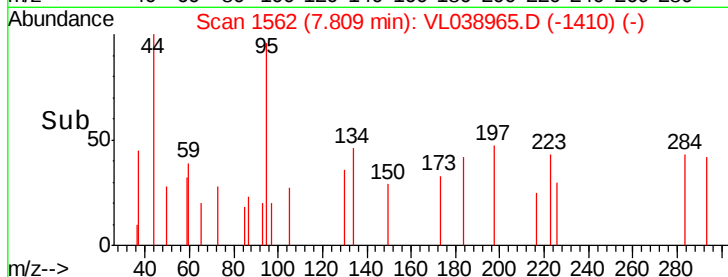
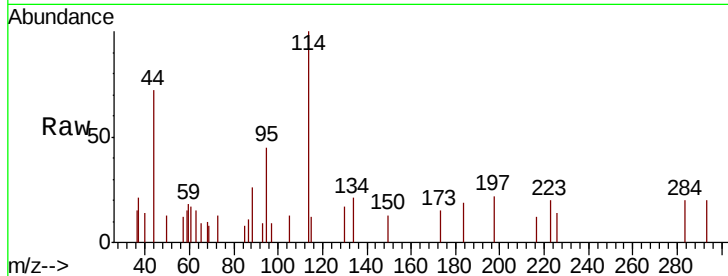
Tgt Ion: 63 Resp: 832051
 Ion Ratio Lower Upper
 63 100
 41 0.0 55.9 83.9#
 62 18.9 53.8 80.6#





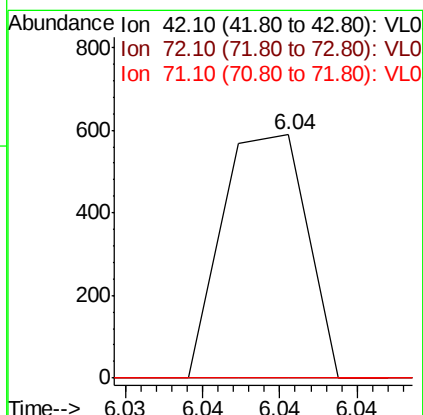
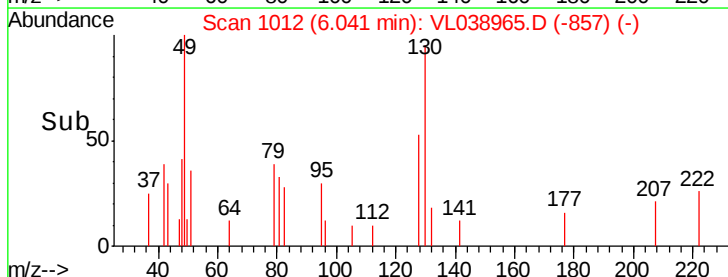
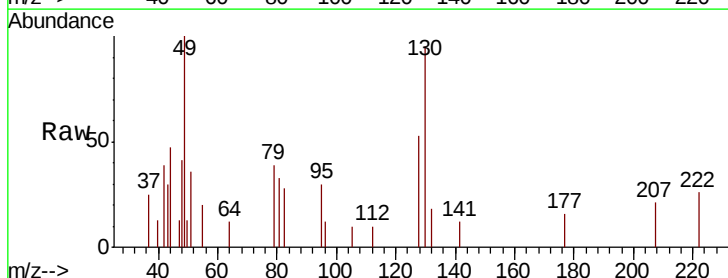
#40
 1,4-Dioxane
 Concen: 0.005 ppbv
 RT: 7.81
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0505ABL01
 Acq: 5 May 2022 9:00

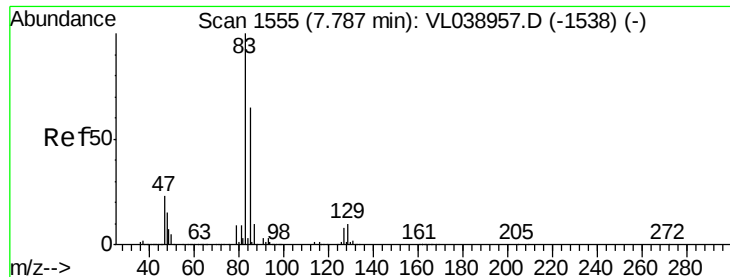
Tot Ion: 88 Resp: 175
 Ion Ratio Lower Upper
 88 100
 58 0.0 106.1 159.1#
 43 0.0 222.9 334.3#
 57 119.4 957.6 1436.4#



#41
 Tetrahydrofuran
 Concen: 0.002 ppbv
 RT: 6.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: VL038965.D
 Acq: 5 May 2022 9:06

Tgt Ion: 42 Resp: 223
 Ion Ratio Lower Upper
 42 100
 72 0.0 31.8 47.6#
 71 0.0 30.6 45.8#





#42

Bromodichloromethane

Concen: 0.001 ppbv

RT: 7.77 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 9:00

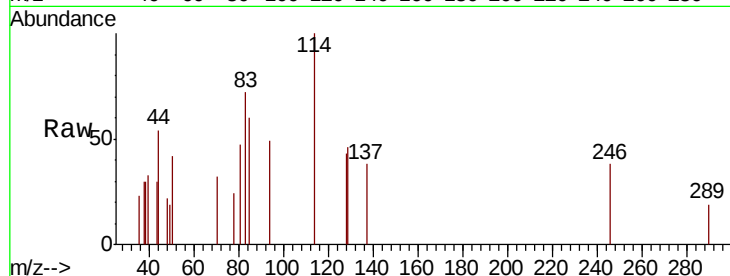
Tot Ion: 83 Resp: 242

Ion Ratio Lower Upper

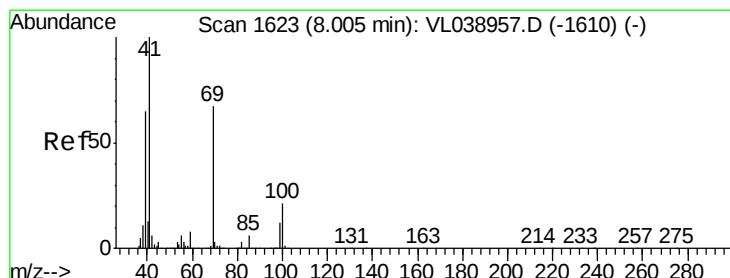
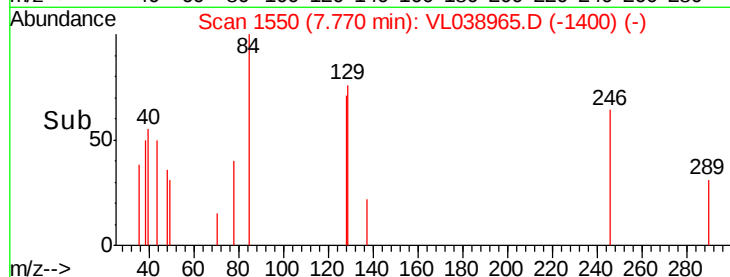
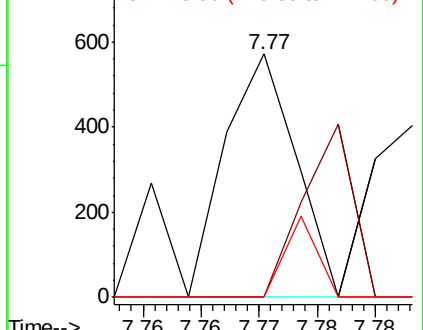
83 100

85 0.0 52.0 78.0#

127 0.0 6.0 9.0#



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): VL0



#43

Methyl Methacrylate

Concen: 0.002 ppbv

RT: 8.05 min Scan# 1637

Delta R.T. 0.04 min

Lab File: VL038965.D

Acq: 5 May 2022 9:06

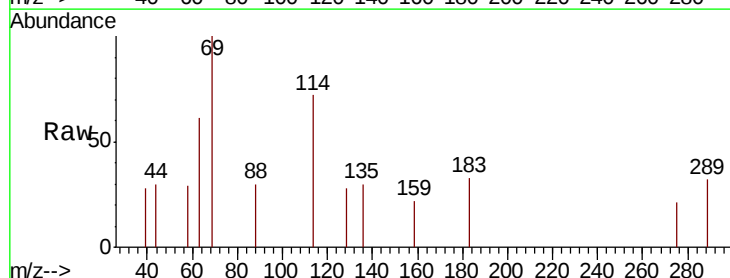
Tgt Ion: 69 Resp: 234

Ion Ratio Lower Upper

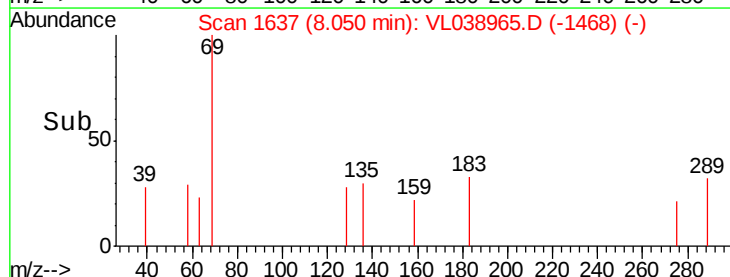
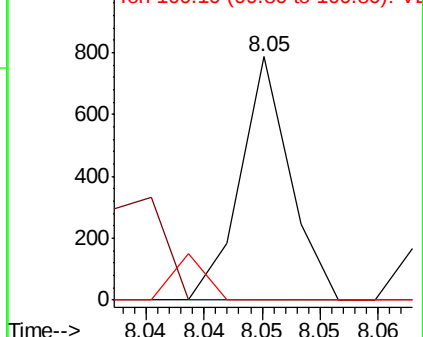
69 100

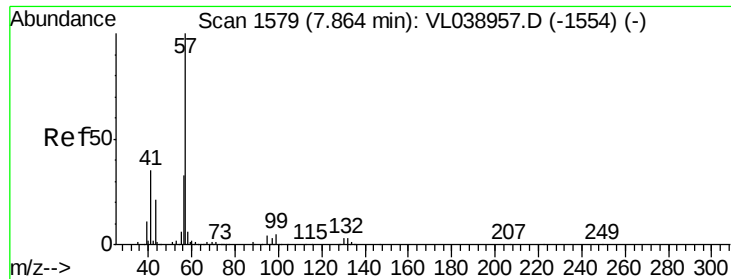
41 91.0 121.9 182.9#

100 12.4 24.6 36.8#



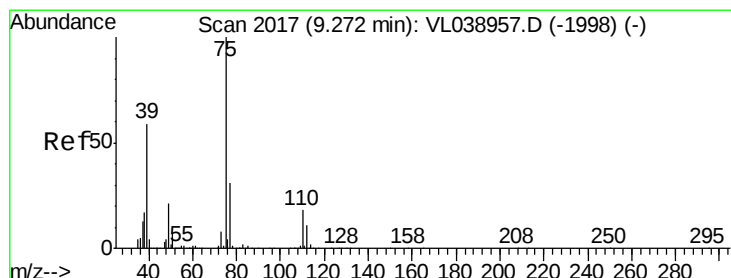
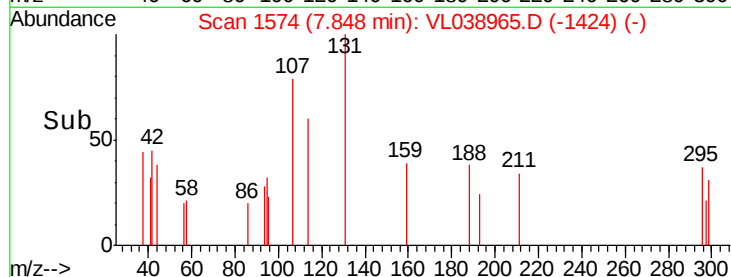
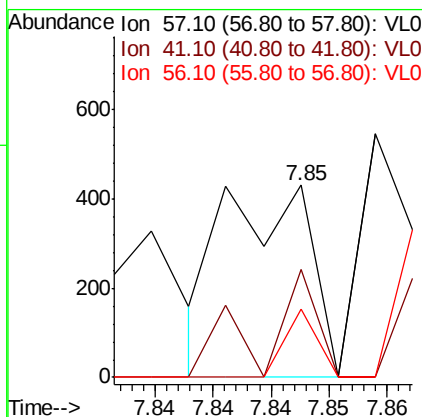
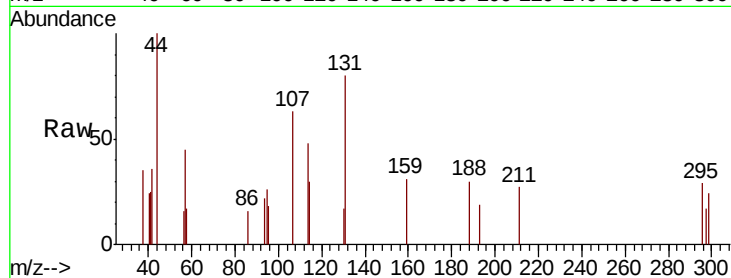
Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0





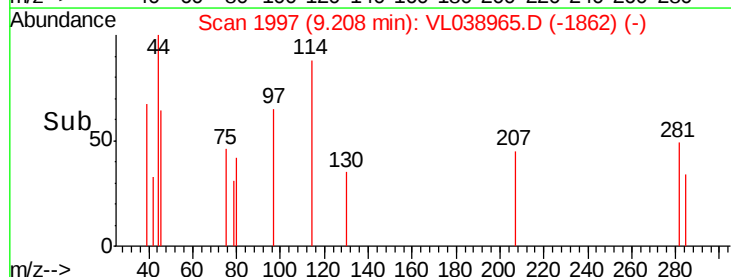
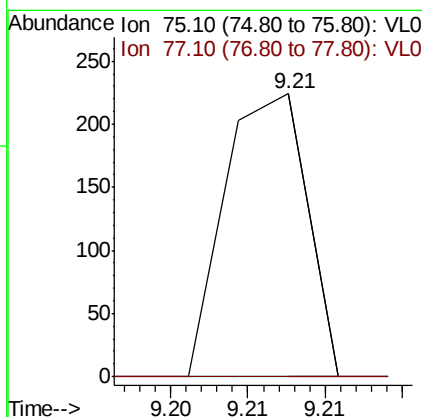
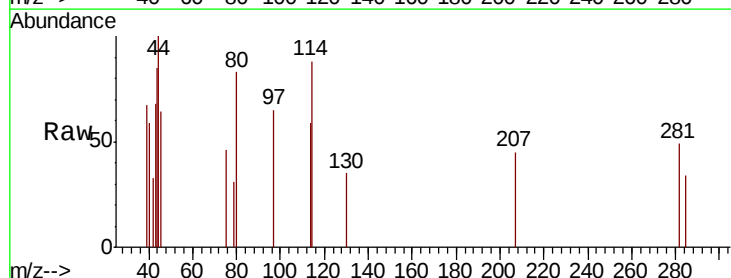
#44
 2,2,4-Trimethylpentane
 Concen: 0.000 ppbv
 RT: 7.85
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 VL0505ABL01
 Acq: 5 May 2022 9:00

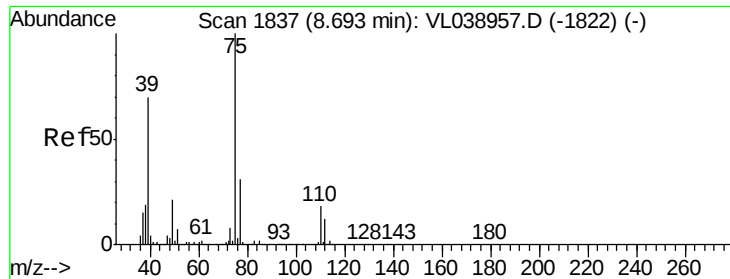
Tot Ion: 57 Resp: 223
 Ion Ratio Lower Upper
 57 100
 41 0.0 26.3 39.5#
 56 0.0 24.6 37.0#



#45
 t-1,3-Dichloropropene
 Concen: 0.001 ppbv
 RT: 9.21 min Scan# 1997
 Delta R.T. -0.06 min
 Lab File: VL038965.D
 Acq: 5 May 2022 9:06

Tgt Ion: 75 Resp: 82
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 37.0#





#46

cis-1,3-Dichloropropene

Concen: 0.000 ppbv

RT: 8.69 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 9:00

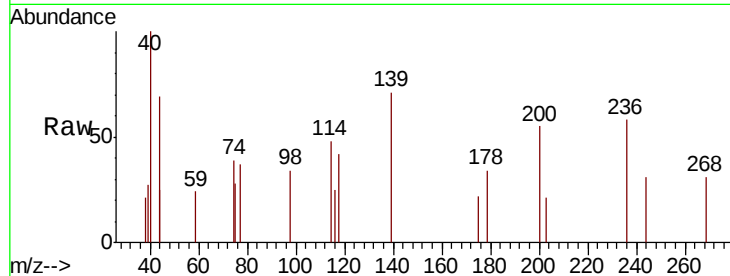
Tot Ion: 75 Resp: 67

Ion Ratio Lower Upper

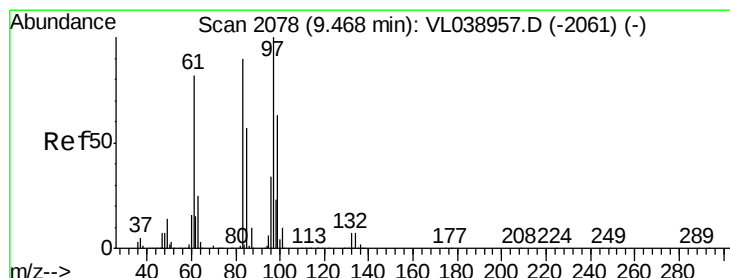
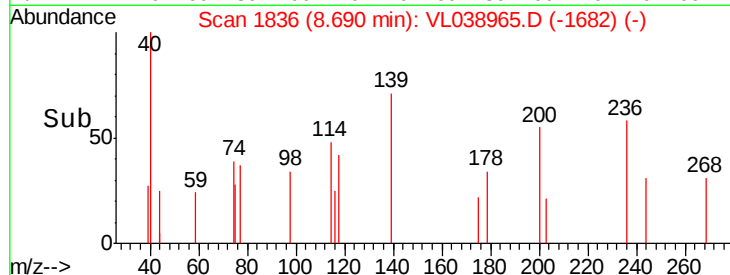
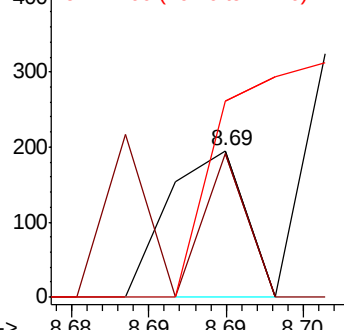
75 100

39 97.9 55.8 83.6#

77 134.4 24.8 37.2#



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



#47

1,1,2-Trichloroethane

Concen: 0.001 ppbv

RT: 9.16 min Scan# 1982

Delta R.T. -0.31 min

Lab File: VL038965.D

Acq: 5 May 2022 9:06

Tgt Ion: 97 Resp: 72

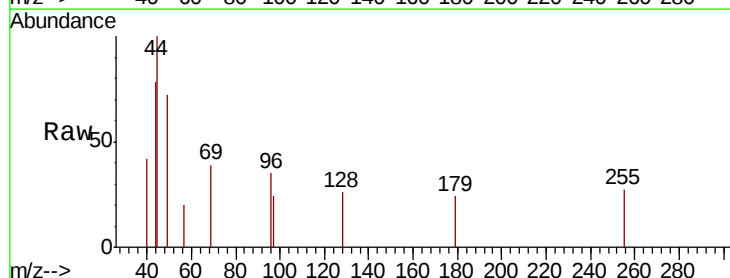
Ion Ratio Lower Upper

97 100

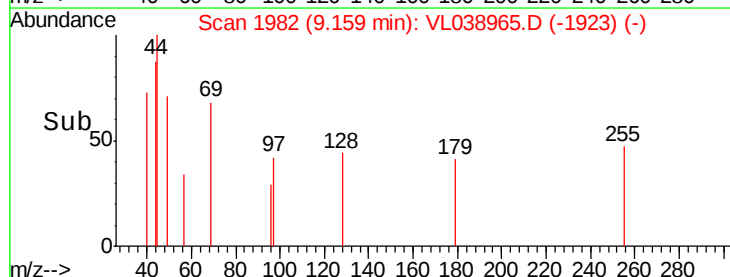
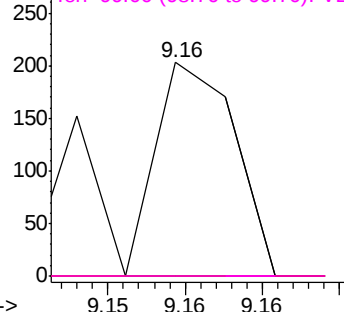
83 0.0 72.0 108.0#

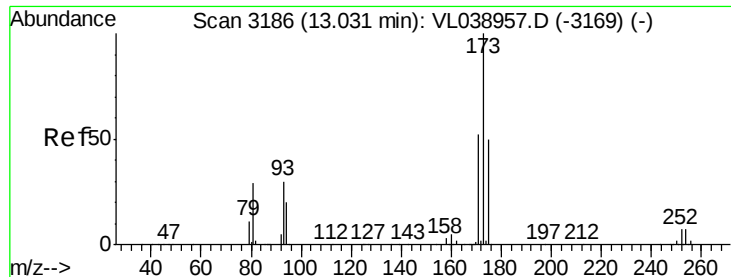
85 0.0 45.7 68.5#

99 0.0 50.2 75.4#



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





#49

Bromoform

Concen: 0.000 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 9:00

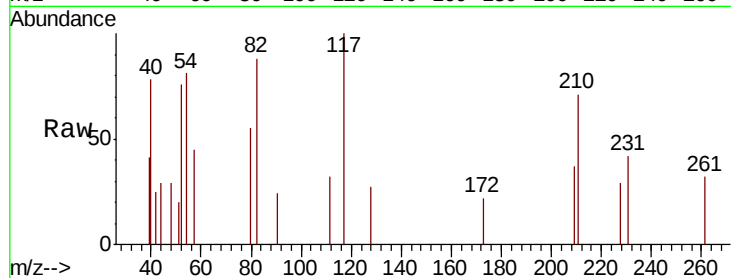
Tot Ion:173 Resp: 63

Ion Ratio Lower Upper

173 100

175 136.5 41.0 61.6#

171 79.4 42.6 64.0#



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

200

150

100

50

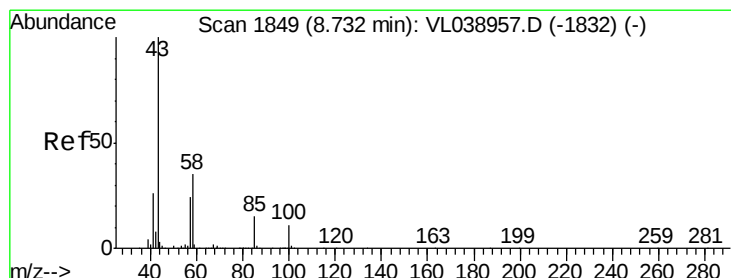
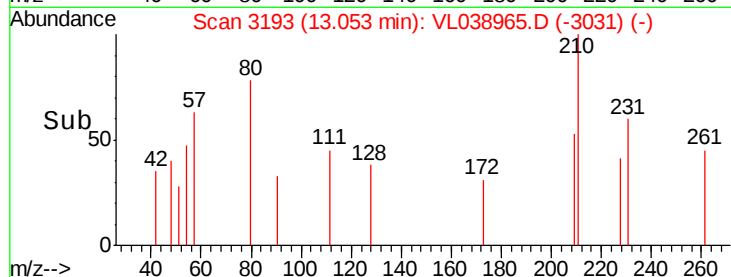
0

13.05

13.05

13.06

Time-->



#50

4-Methyl-2-Pentanone

Concen: 0.000 ppbv

RT: 8.73 min Scan# 1850

Delta R.T. 0.00 min

Lab File: VL038965.D

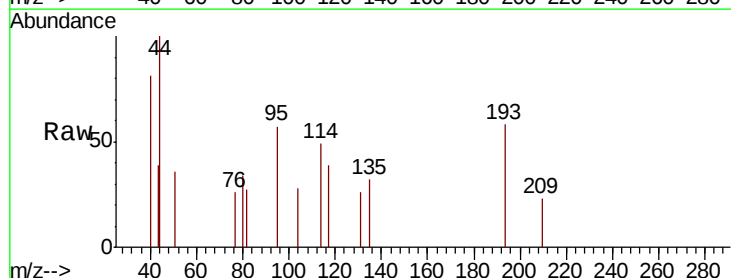
Acq: 5 May 2022 9:06

Tgt Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

58 0.0 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

400

300

200

100

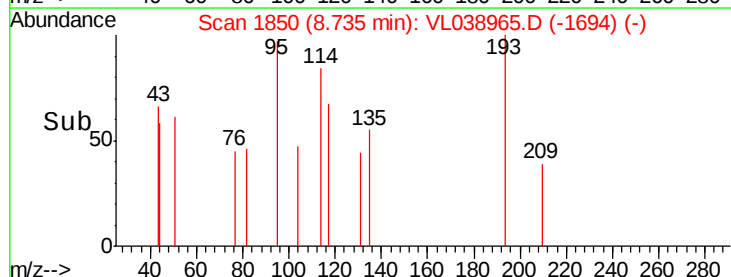
0

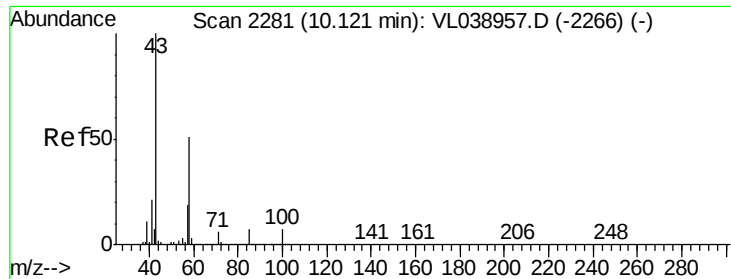
8.73

8.73

8.74

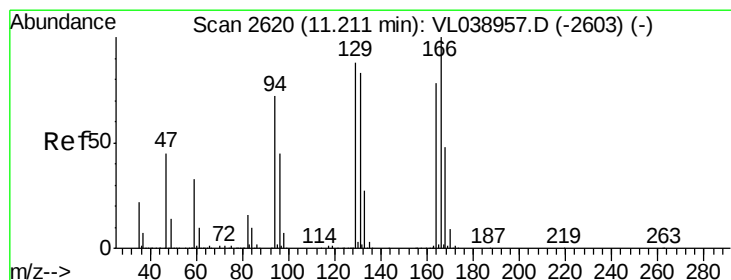
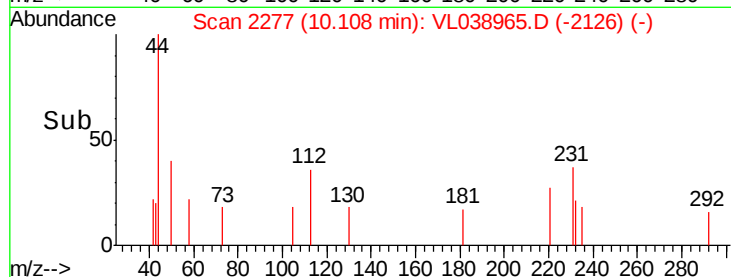
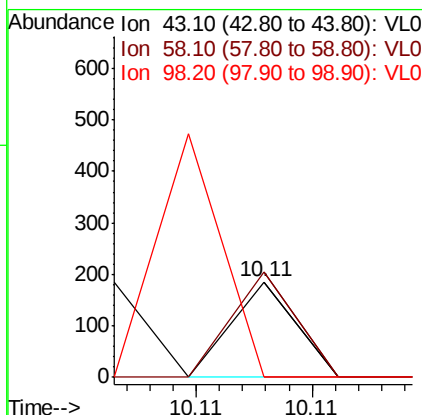
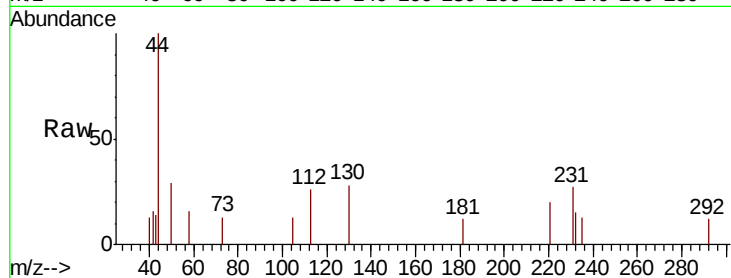
Time-->





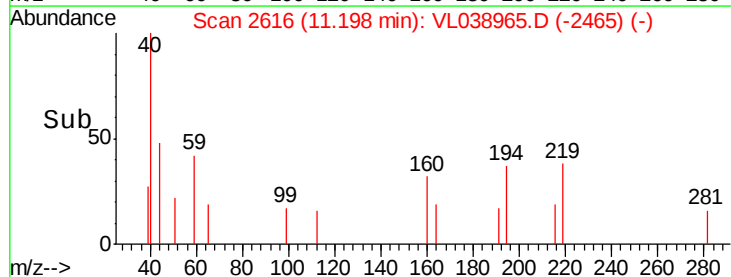
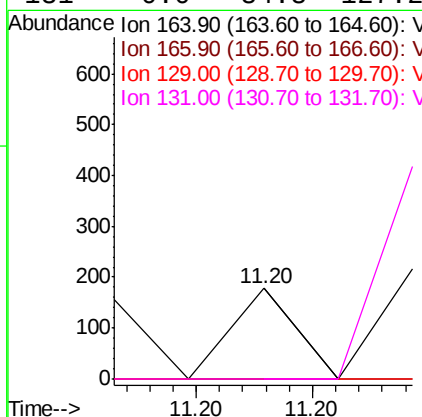
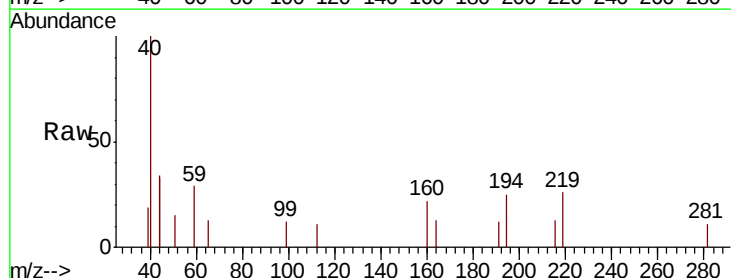
#51
2-Hexanone
Concen: 0.000 ppbv
RT: 10.11 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0505ABL01
Acq: 5 May 2022 9:00

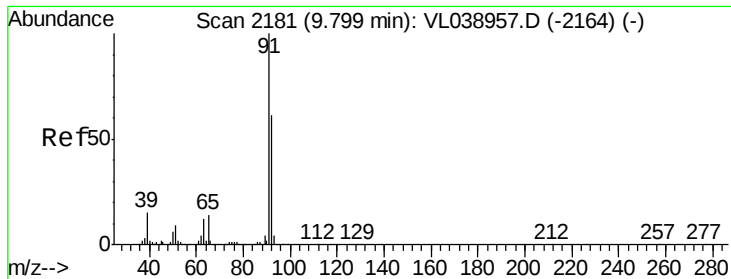
Tot Ion: 43 Resp: 36
Ion Ratio Lower Upper
43 100
58 111.1 39.3 58.9#
98 0.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.000 ppbv
RT: 11.20 min Scan# 2616
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 164 Resp: 34
Ion Ratio Lower Upper
164 100
166 0.0 102.5 153.7#
129 0.0 90.1 135.1#
131 0.0 84.8 127.2#





#53

Toluene

Concen: 0.002 ppbv

RT: 9.79 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

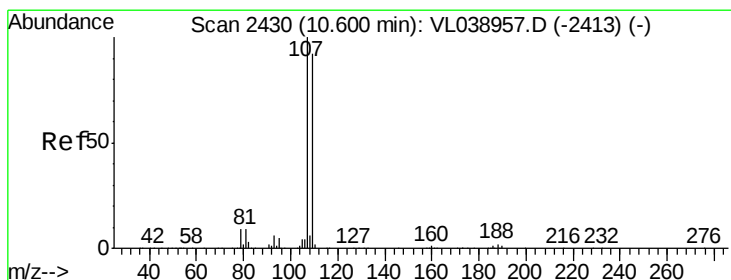
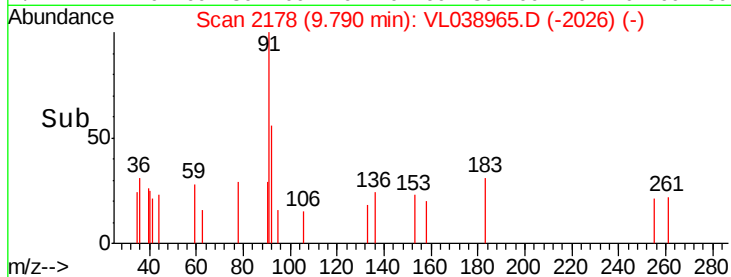
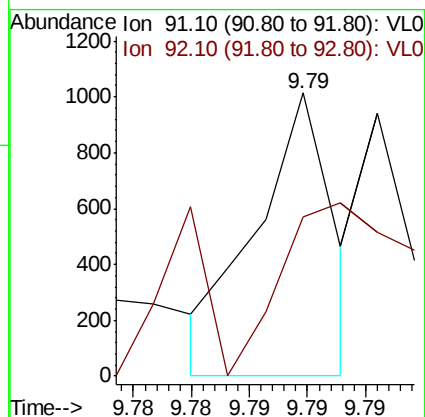
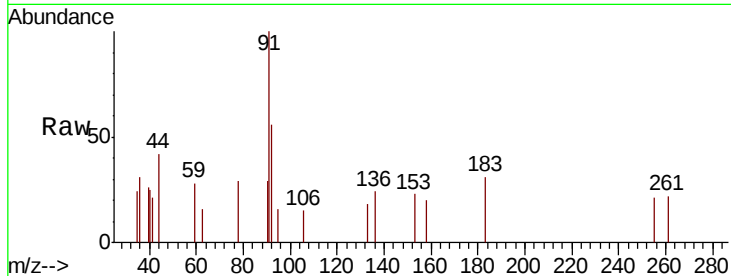
Acq: 5 May 2022 9:00

Tot Ion: 91 Resp: 467

Ion Ratio Lower Upper

91 100

92 0.0 48.2 72.2#



#54

1,2-Dibromoethane

Concen: 0.001 ppbv

RT: 10.31 min Scan# 2341

Delta R.T. -0.29 min

Lab File: VL038965.D

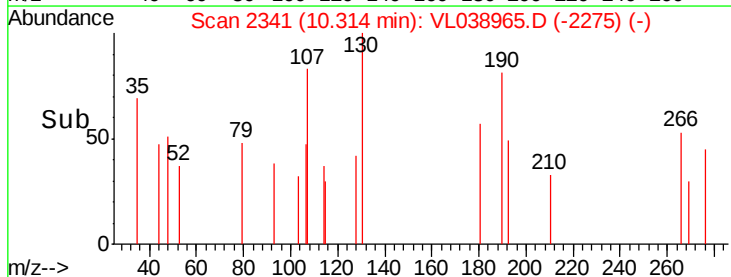
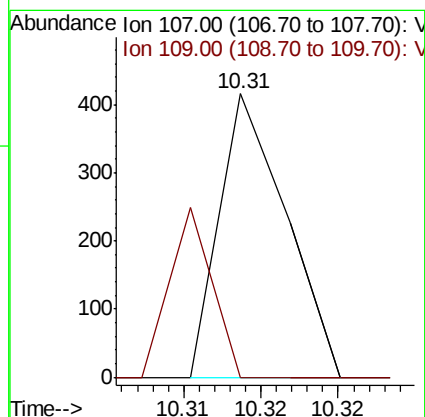
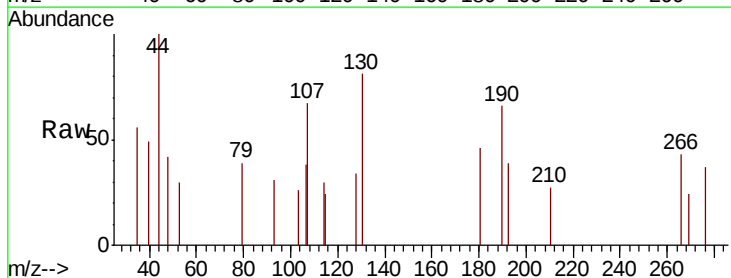
Acq: 5 May 2022 9:06

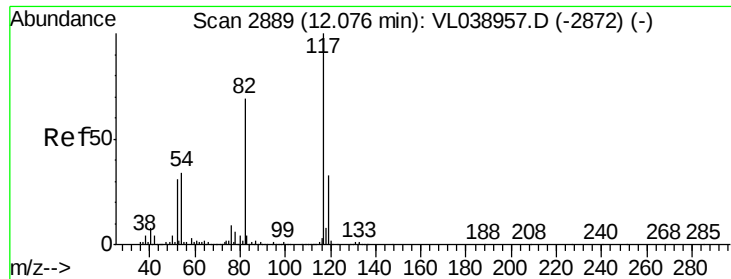
Tgt Ion: 107 Resp: 124

Ion Ratio Lower Upper

107 100

109 0.0 73.8 110.8#

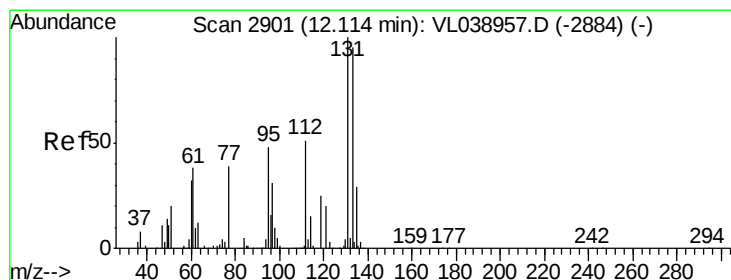
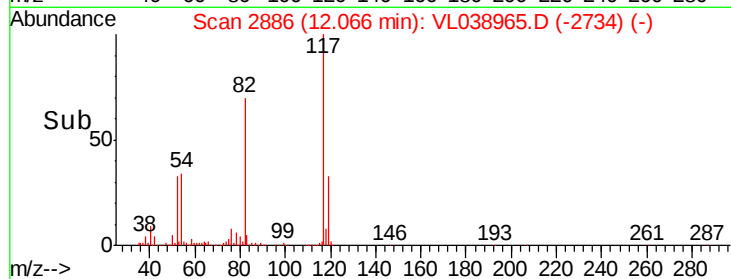
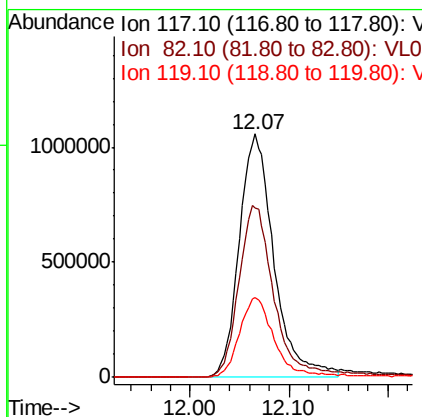
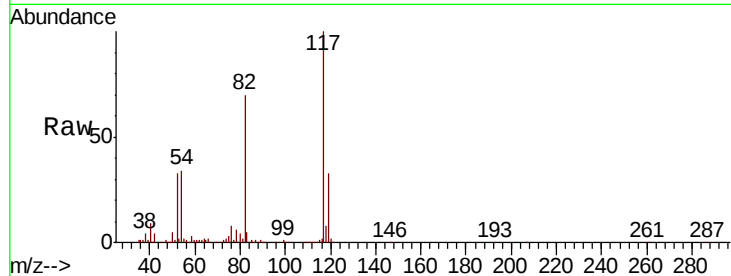




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.: 0.08 min
Lab File: VL0505ABL01
Acq: 5 May 2022 9:06

Tot Ion:117 Resp: 2577489

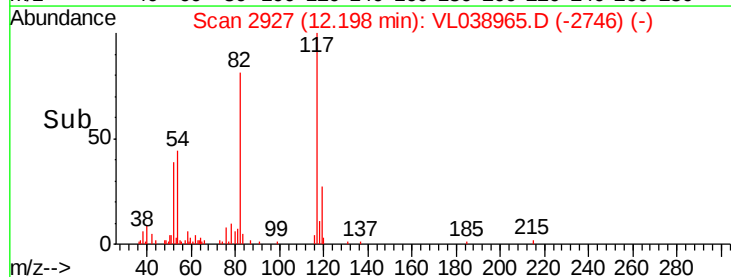
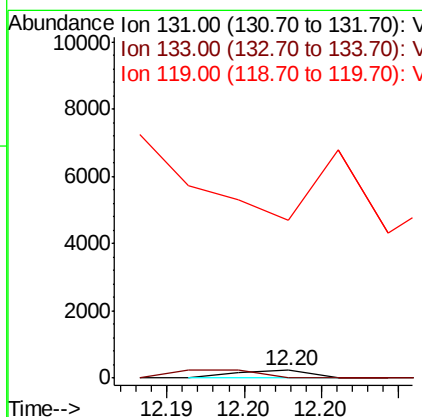
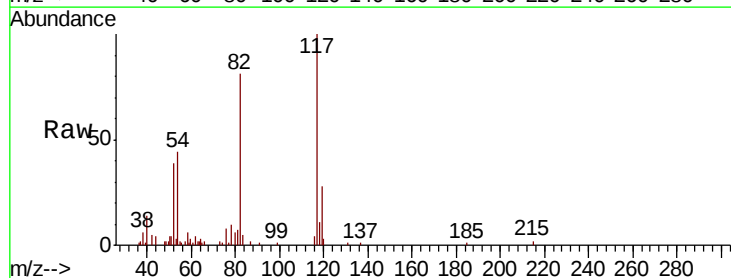
Ion	Ratio	Lower	Upper
117	100		
82	74.3	57.0	85.6
119	34.6	27.2	40.8

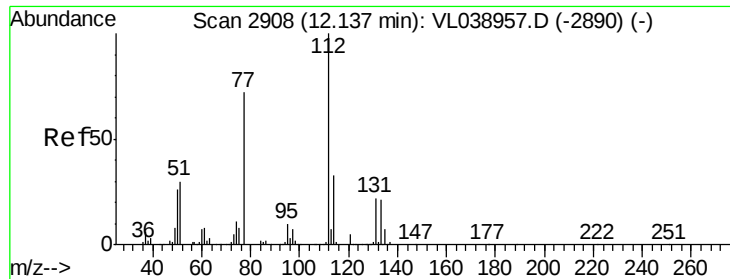


#56
1,1,1,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 12.20 min Scan# 2927
Delta R.T.: 0.08 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:131 Resp: 78

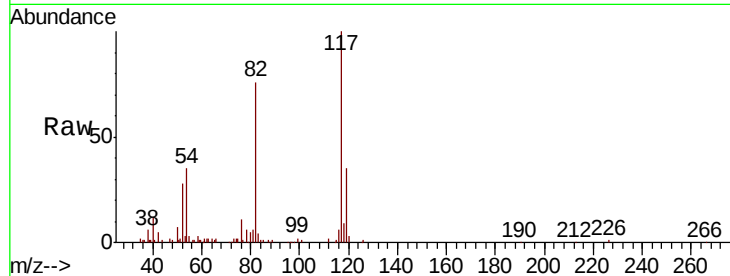
Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.9	115.3#
119	1133342.3	47.4	71.0#



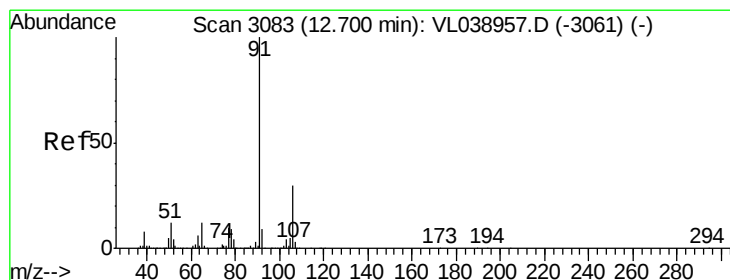
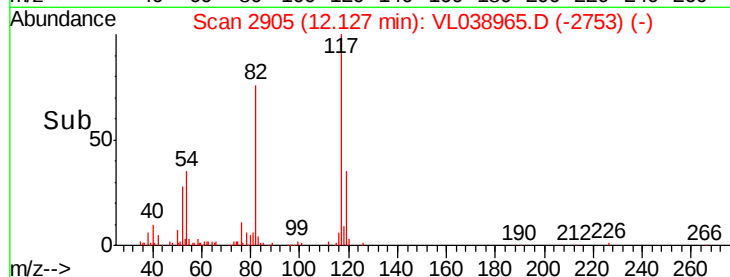
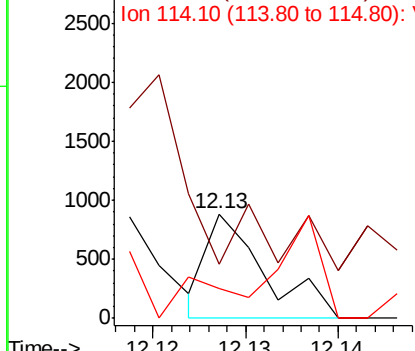


#57
Chlorobenzene
Concen: 0.002 ppbv
RT: 12.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0505ABL01
Acq: 5 May 2022 9:00

Tot Ion: 112 Resp: 383
Ion Ratio Lower Upper
112 100
77 7.0 57.7 86.5#
114 35.2 30.1 36.7

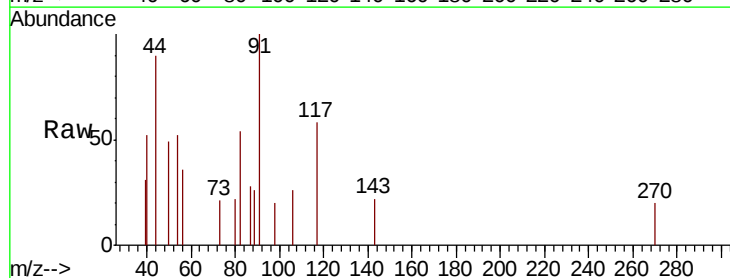


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

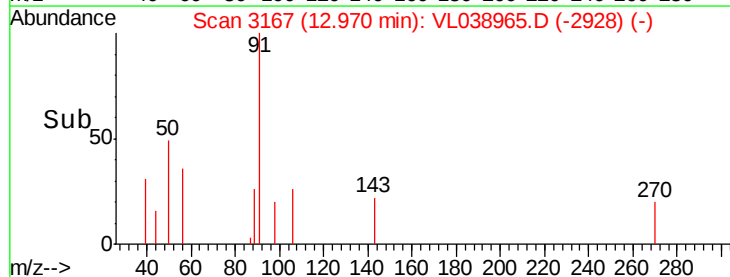
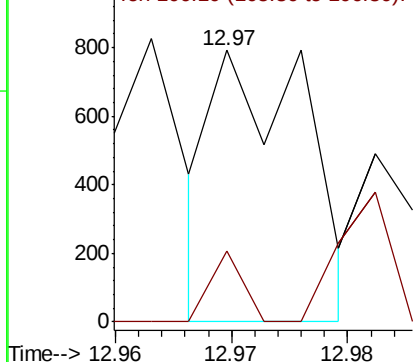


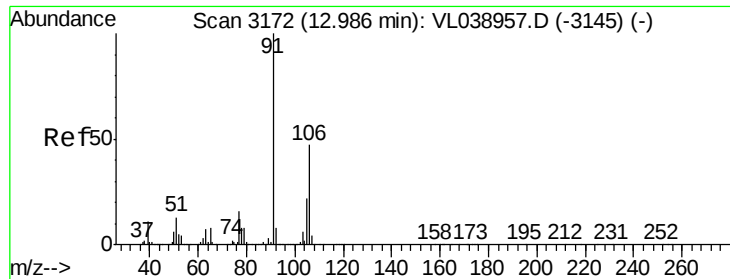
#58
Ethyl Benzene
Concen: 0.001 ppbv
RT: 12.97 min Scan# 3167
Delta R.T. 0.27 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 91 Resp: 446
Ion Ratio Lower Upper
91 100
106 35.5 24.2 36.4



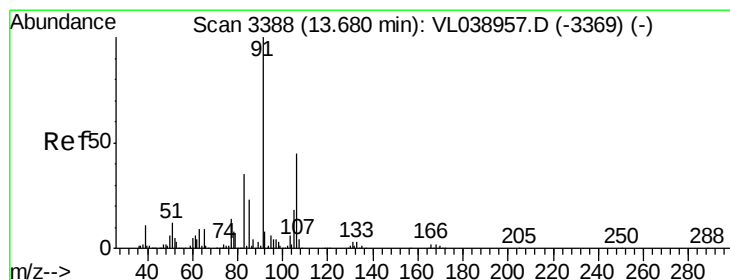
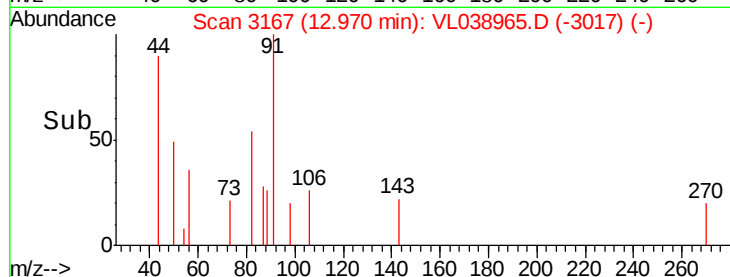
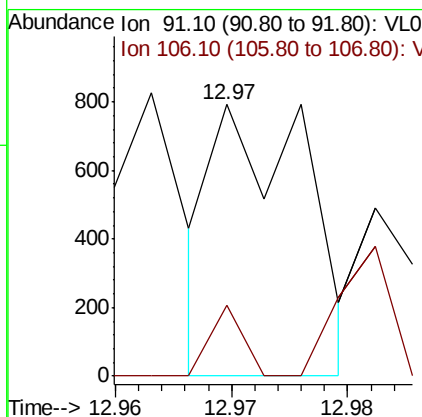
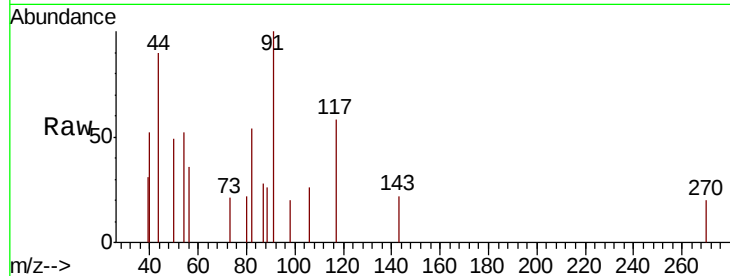
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





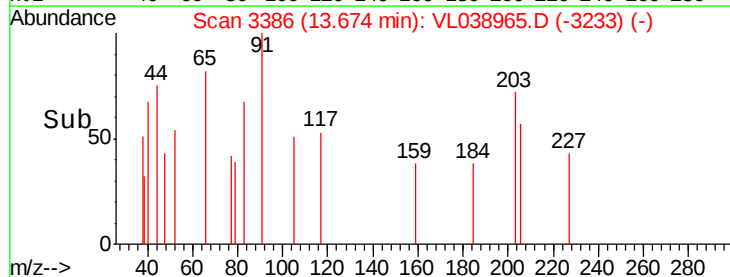
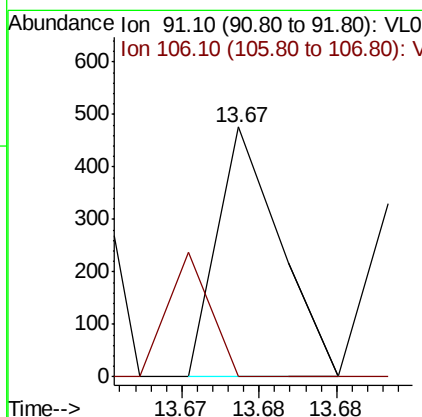
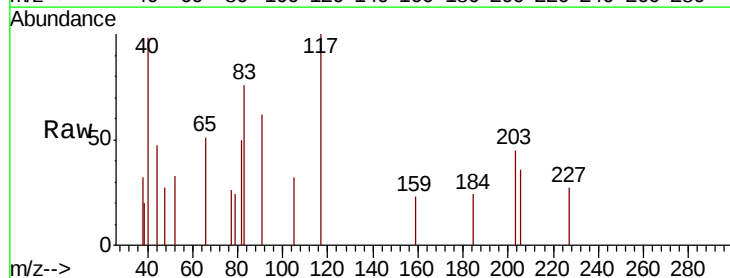
#59
m/p-Xylene
Concen: 0.001 ppbv
RT: 12.97 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0505ABL01
Acq: 5 May 2022 9:00

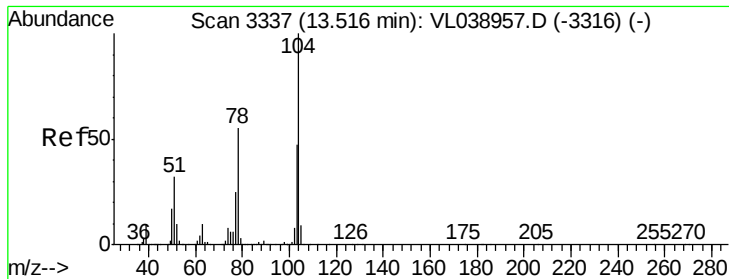
Tot Ion: 91 Resp: 446
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0#



#60
o-Xylene
Concen: 0.000 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

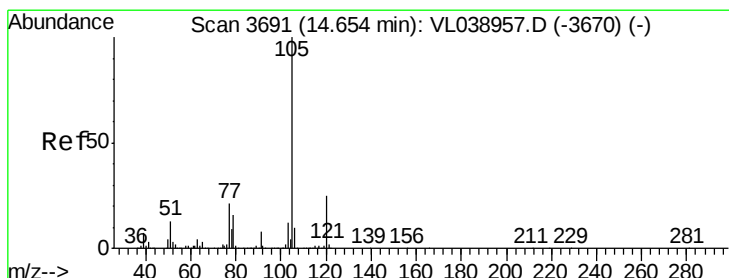
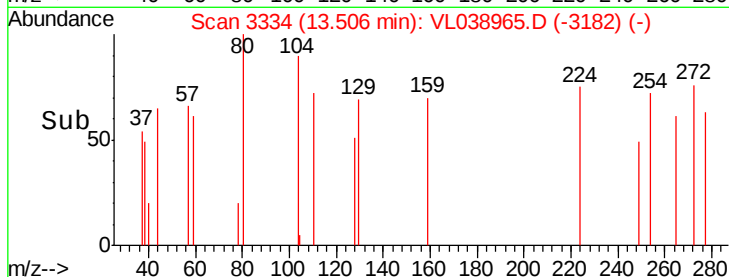
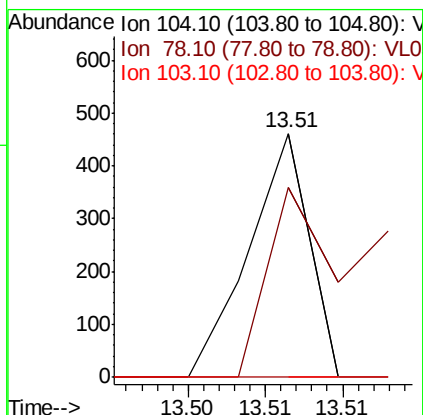
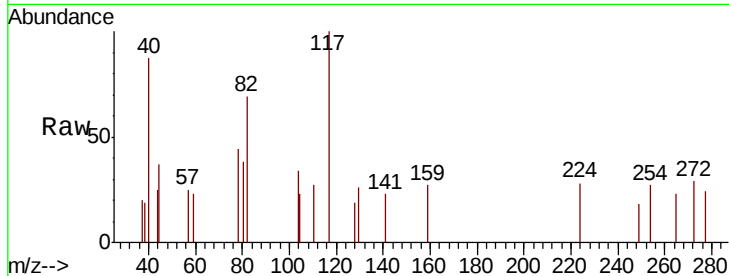
Tgt Ion: 91 Resp: 134
Ion Ratio Lower Upper
91 100
106 34.3 22.2 66.6





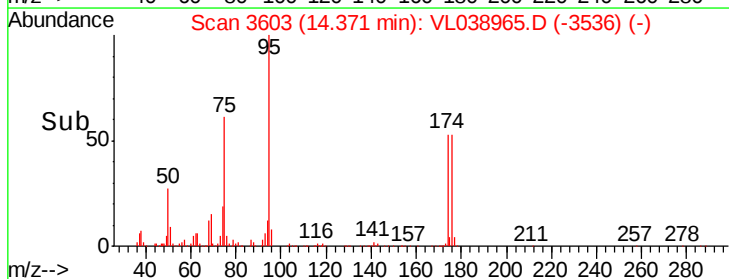
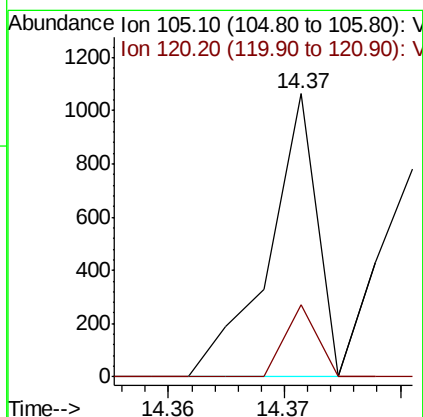
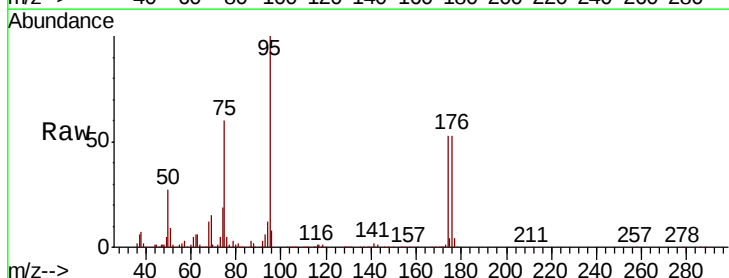
#61
Stvrene
Concen: 0.001 ppbv
RT: 13.51 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0505ABL01
Acq: 5 May 2022 9:00

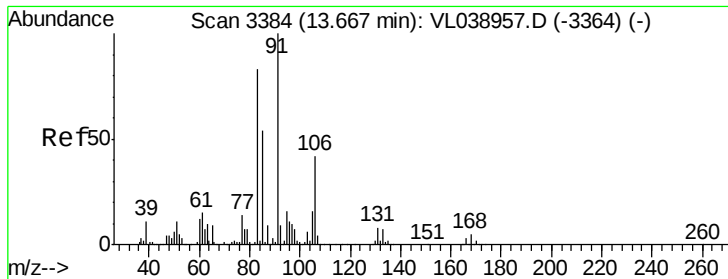
Tot Ion	Ratio	Lower	Upper
104	100		
78	399.2	46.4	69.6#
103	0.0	39.3	58.9#



#62
Isopropylbenzene
Concen: 0.001 ppbv
RT: 14.37 min Scan# 3603
Delta R.T. -0.28 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

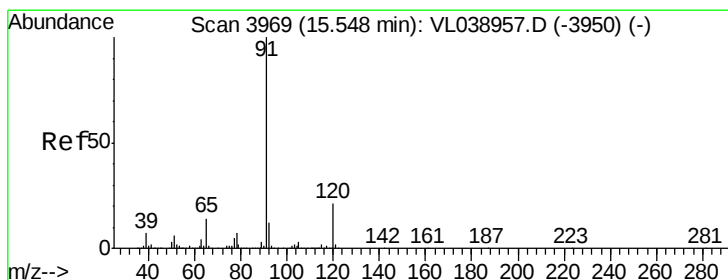
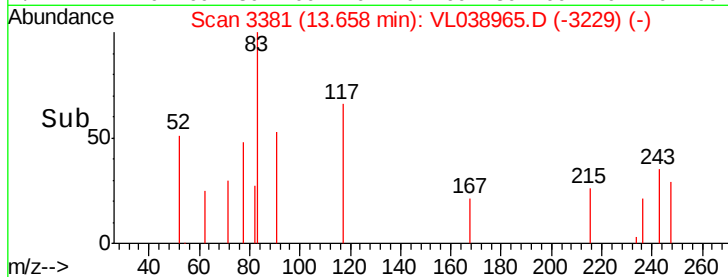
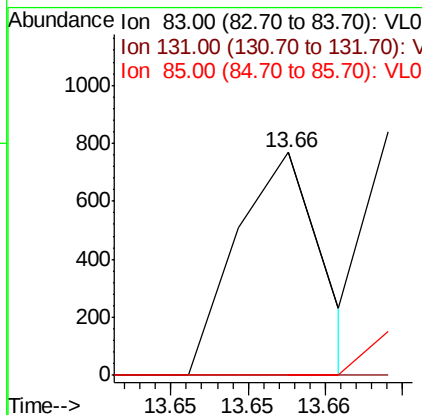
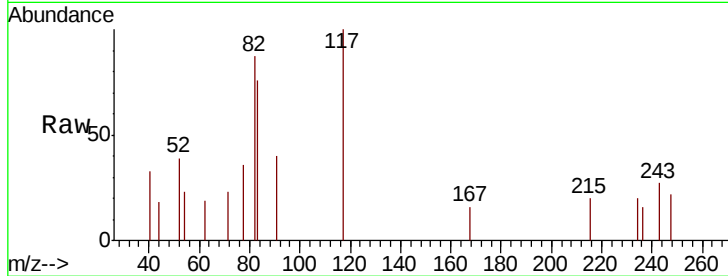
Tgt Ion	Ratio	Lower	Upper
105	100		
120	23.0	20.5	30.7





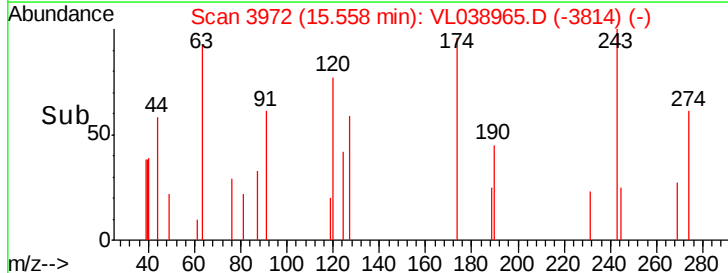
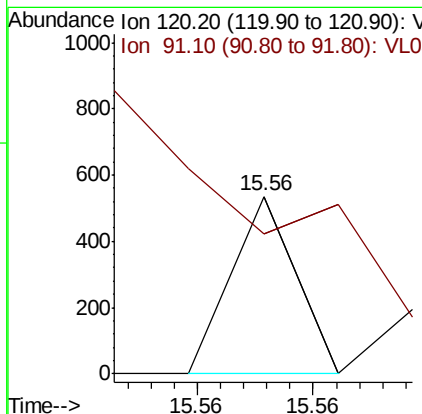
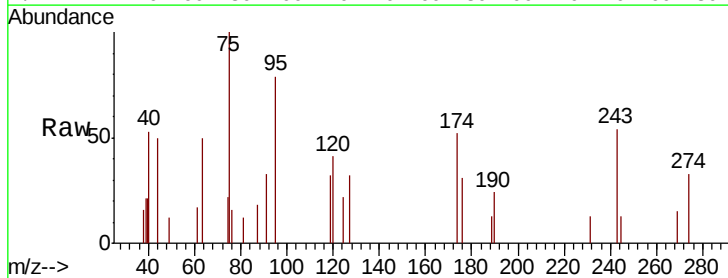
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.002 ppbv
 RT: 13.66 min
 Delta R.T. 0.01 min
 Lab File: VL0505ABL01
 Acq: 5 May 2022 9:00

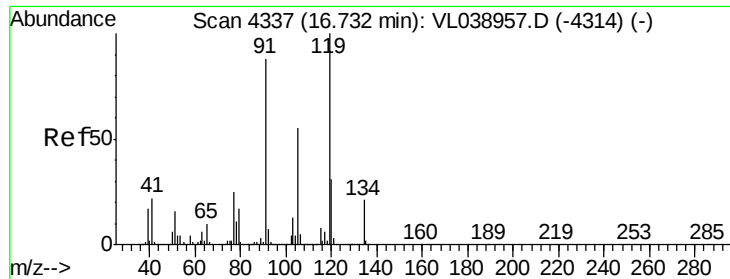
Tot Ion: 83 Resp: 291
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.5 13.7#
 85 0.0 32.8 98.3#



#64
 n-propylbenzene
 Concen: 0.001 ppbv
 RT: 15.56 min Scan# 3972
 Delta R.T. 0.01 min
 Lab File: VL038965.D
 Acq: 5 May 2022 9:06

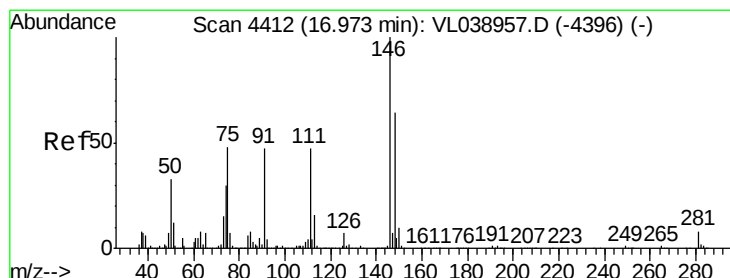
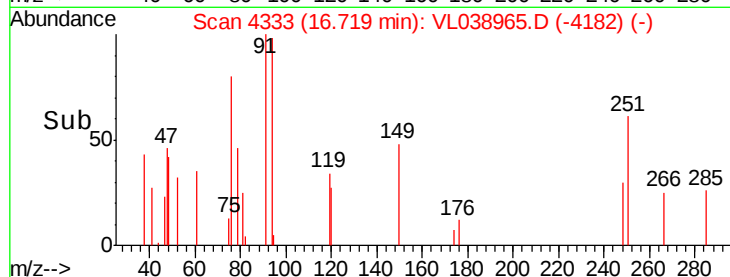
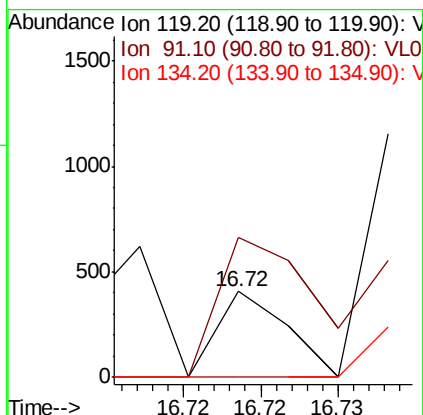
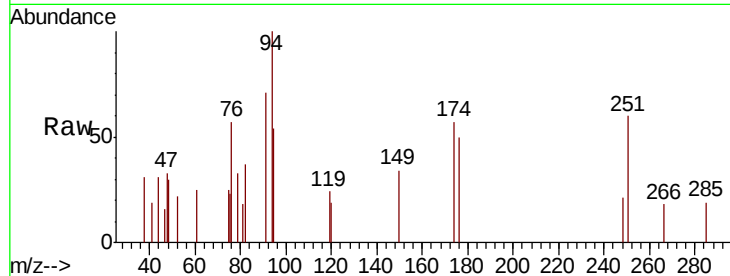
Tgt Ion: 120 Resp: 103
 Ion Ratio Lower Upper
 120 100
 91 865.0 400.6 601.0#





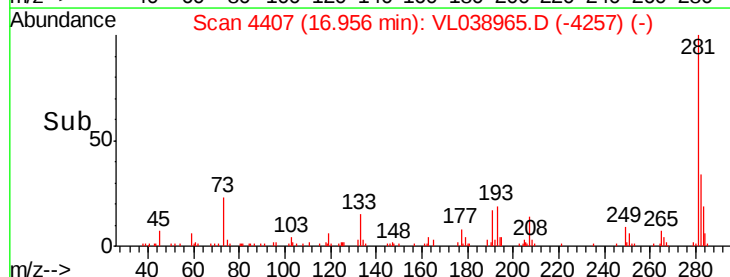
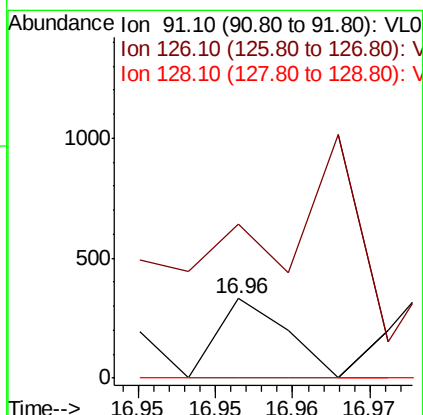
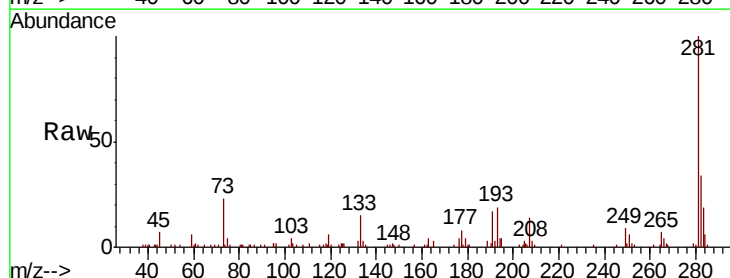
#65
tert-Butylbenzene
Concen: 0.000 ppbv
RT: 16.72 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0505ABL01
Acq: 5 May 2022 9:00

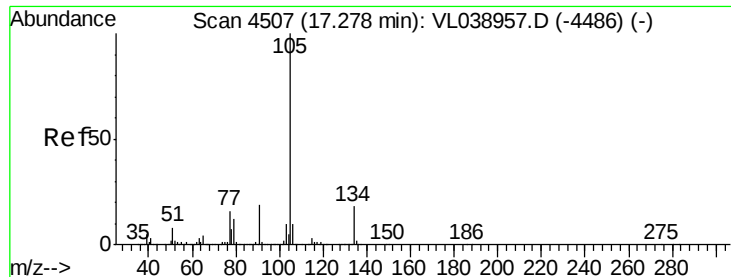
Tot Ion: 119 Resp: 126
Ion Ratio Lower Upper
119 100
91 0.0 69.4 104.2#
134 0.0 15.8 23.8#



#66
Benzyl Chloride
Concen: 0.002 ppbv
RT: 16.96 min Scan# 4407
Delta R.T. -0.02 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 91 Resp: 102
Ion Ratio Lower Upper
91 100
126 0.0 11.8 17.6#
128 0.0 4.2 6.2#





#67

sec-Butylbenzene

Concen: 0.000 ppbv

RT: 17.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

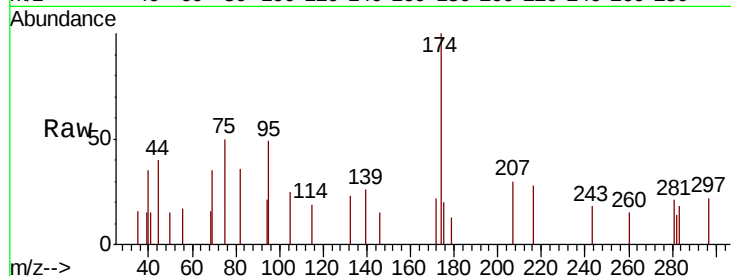
Acq: 5 May 2022 9:00

Tot Ion: 105 Resp: 151

Ion Ratio Lower Upper

105 100

134 0.0 14.2 21.4#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

800

600

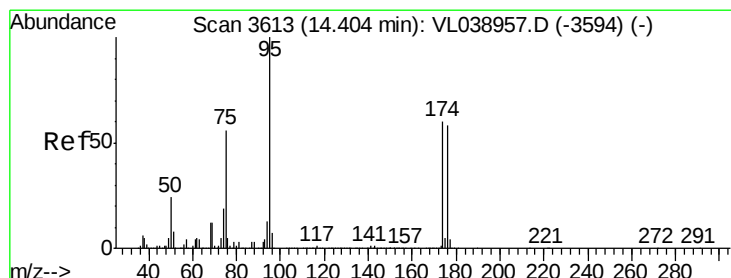
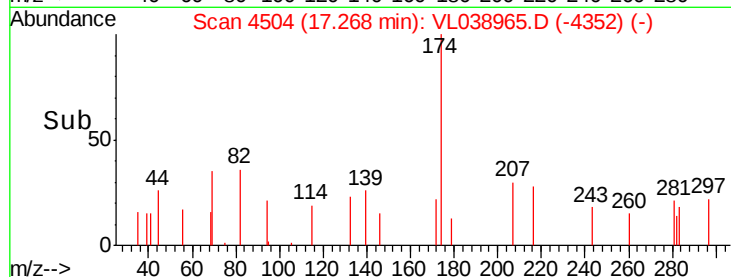
400

200

0

17.26 17.27

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 9.999 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.01 min

Lab File: VL038965.D

Acq: 5 May 2022 9:06

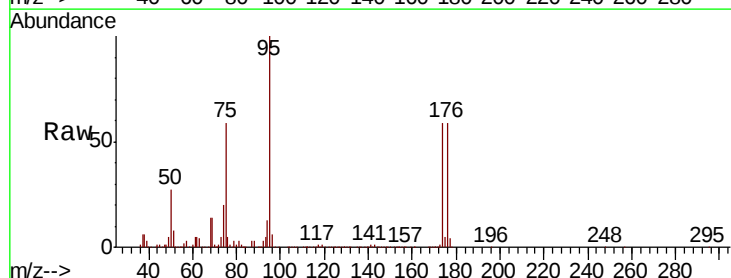
Tgt Ion: 95 Resp: 2041048

Ion Ratio Lower Upper

95 100

174 64.5 50.8 76.2

175 4.7 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

1000000

800000

600000

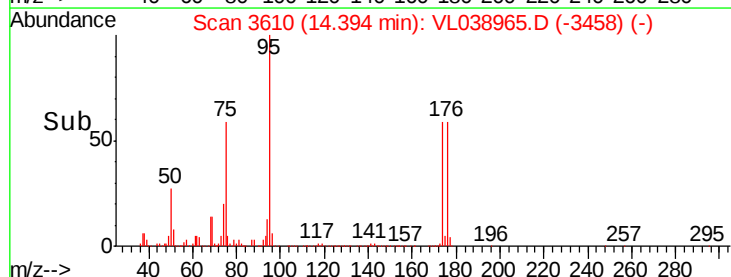
400000

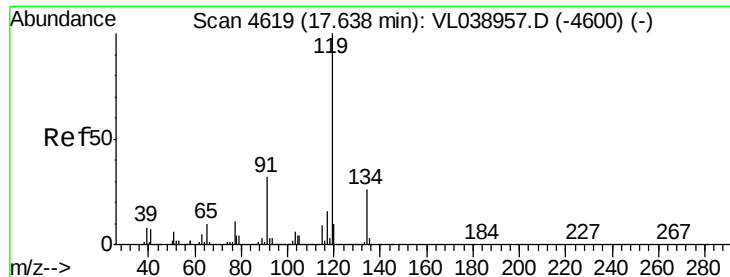
200000

0

14.30 14.40 14.50

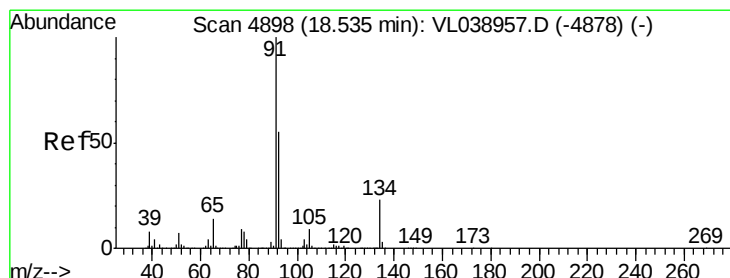
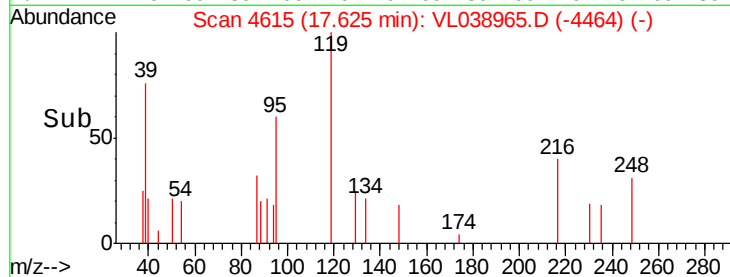
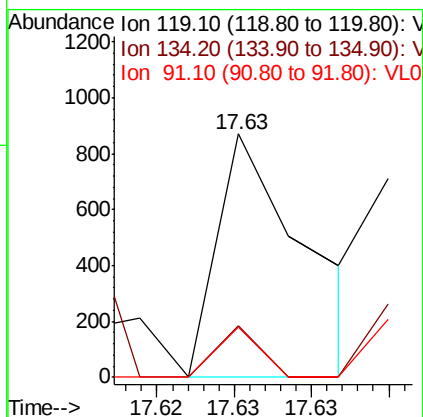
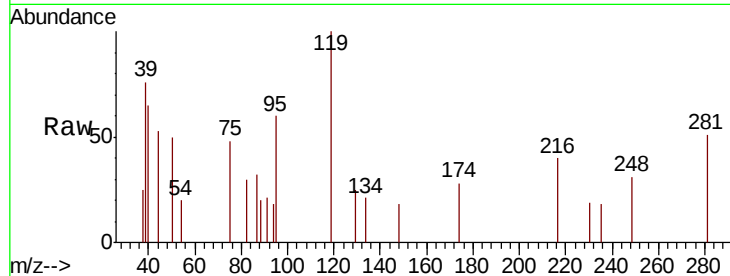
Time-->





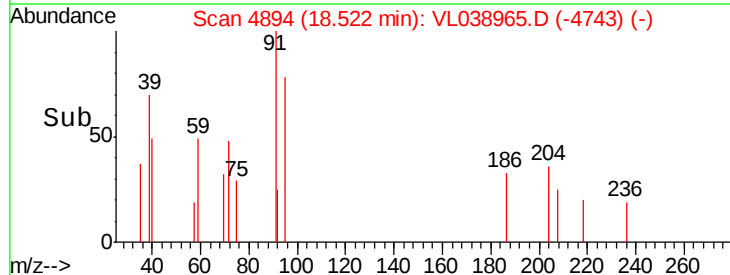
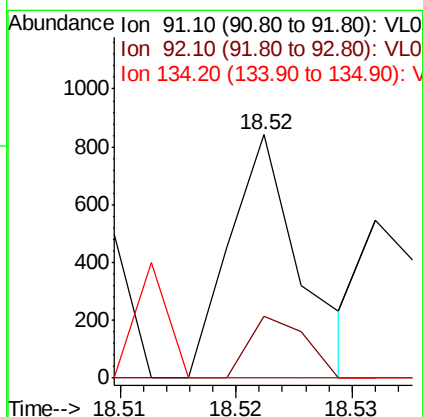
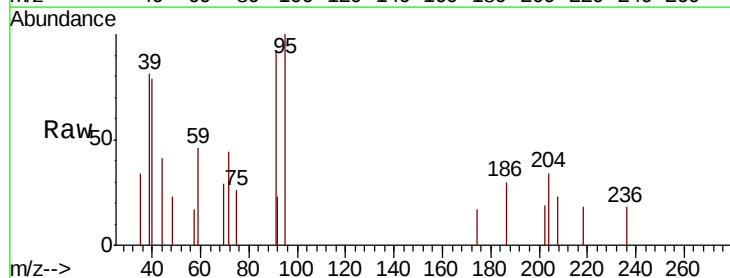
#69
 p-Isopropyltoluene
 Concen: 0.001 ppbv
 RT: 17.63 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 VL0505ABL01
 Acq: 5 May 2022 9:00

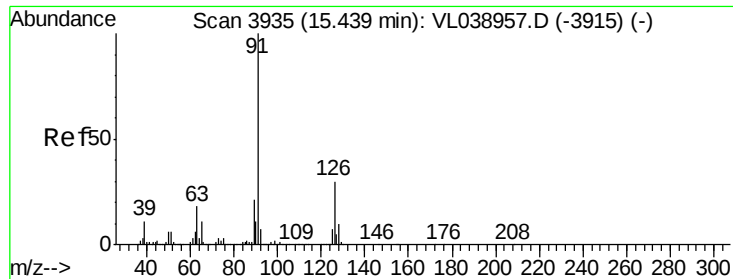
Tot Ion: 119 Resp: 343
 Ion Ratio Lower Upper
 119 100
 134 0.0 20.0 30.0#
 91 0.0 24.8 37.2#



#70
 n-Butylbenzene
 Concen: 0.001 ppbv
 RT: 18.52 min Scan# 4894
 Delta R.T. -0.01 min
 Lab File: VL038965.D
 Acq: 5 May 2022 9:06

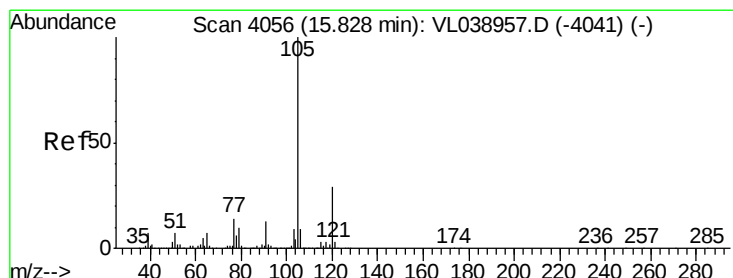
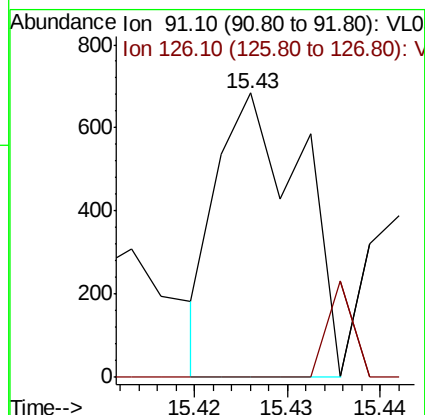
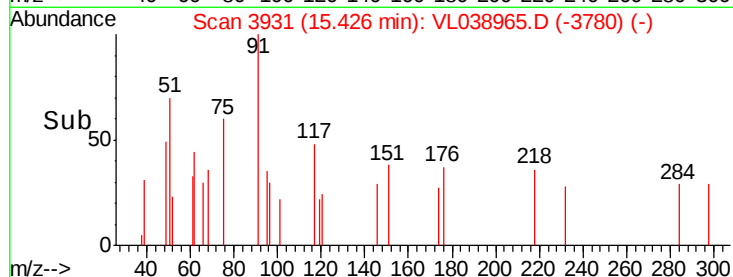
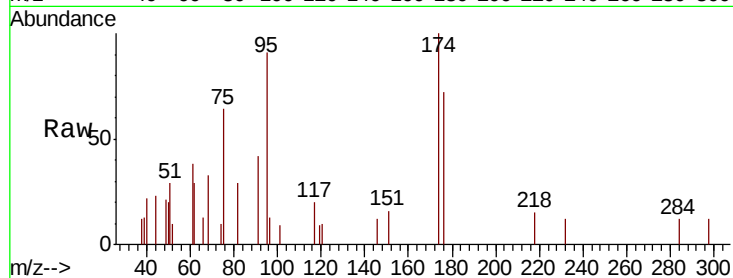
Tgt Ion: 91 Resp: 357
 Ion Ratio Lower Upper
 91 100
 92 20.2 43.1 64.7#
 134 0.0 17.0 25.4#





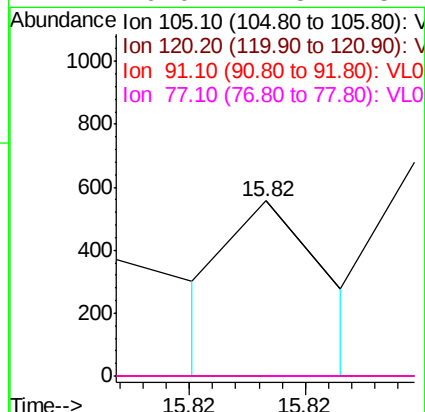
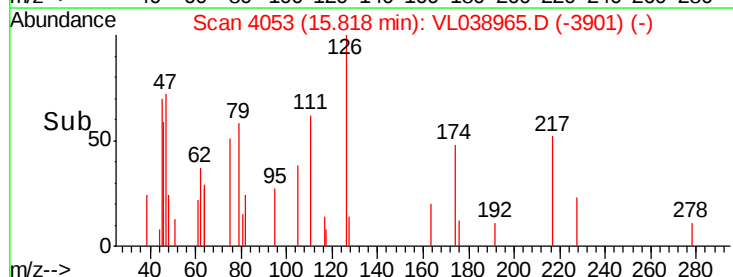
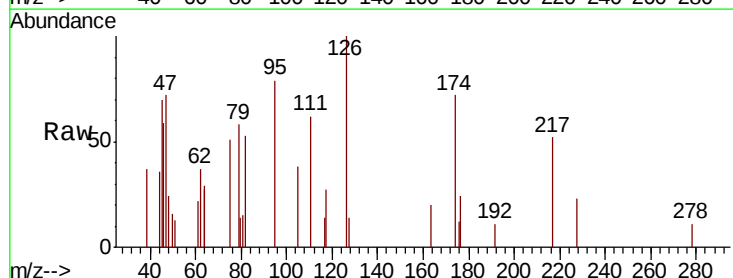
#71
 2-Chlorotoluene
 Concen: 0.001 ppbv
 RT: 15.43 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0505ABL01
 Acq: 5 May 2022 9:00

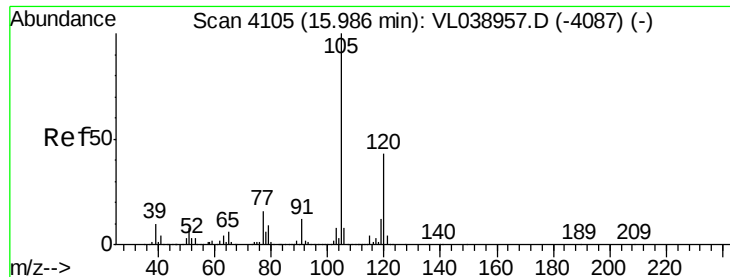
Tot Ion: 91 Resp: 430
 Ion Ratio Lower Upper
 91 100
 126 0.0 11.9 47.5#



#72
 4-Ethyltoluene
 Concen: 0.000 ppbv
 RT: 15.82 min Scan# 4053
 Delta R.T. -0.01 min
 Lab File: VL038965.D
 Acq: 5 May 2022 9:06

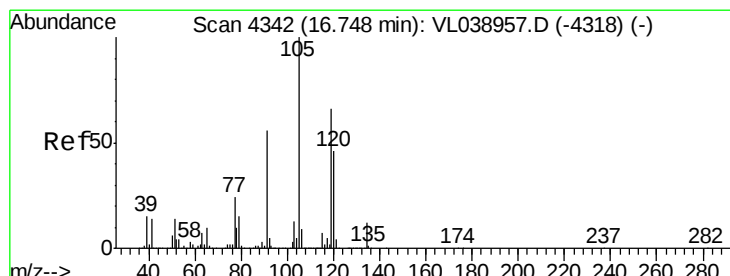
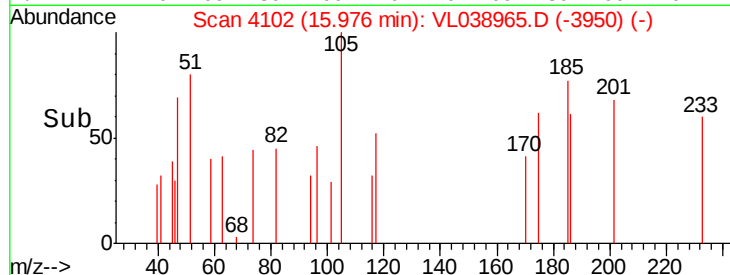
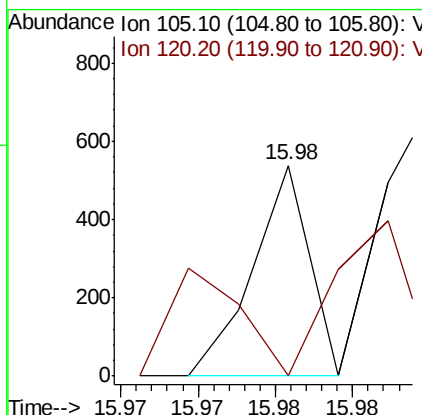
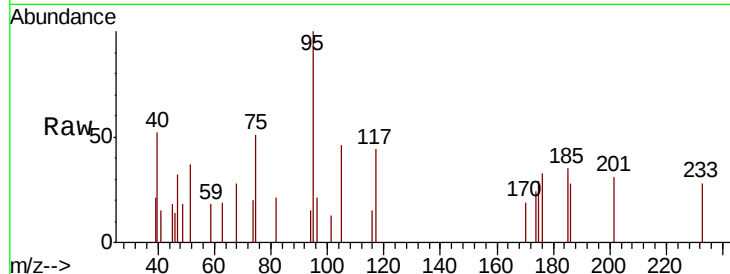
Tgt Ion: 105 Resp: 161
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.4 35.0#
 91 0.0 10.6 16.0#
 77 0.0 12.5 18.7#





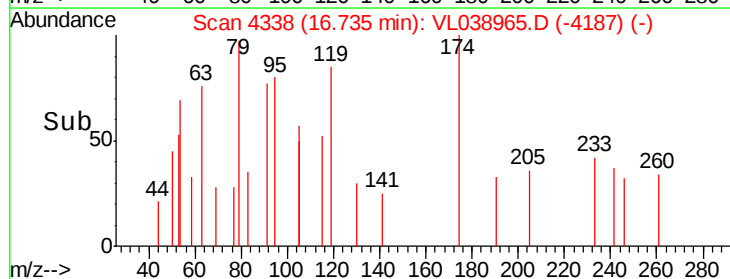
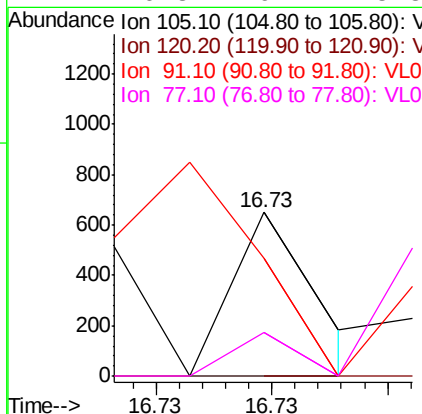
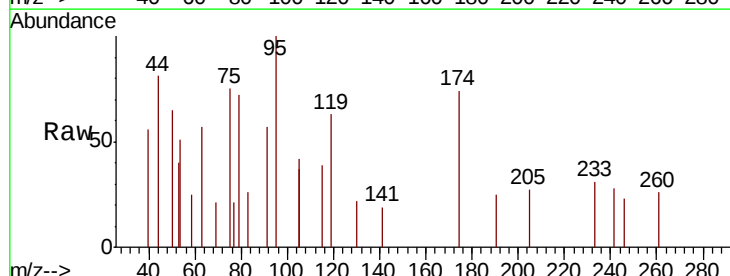
#73
 1,3,5-Trimethylbenzene
 Concen: 0.000 ppbv
 RT: 15.98 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0505ABL01
 Acq: 5 May 2022 9:00

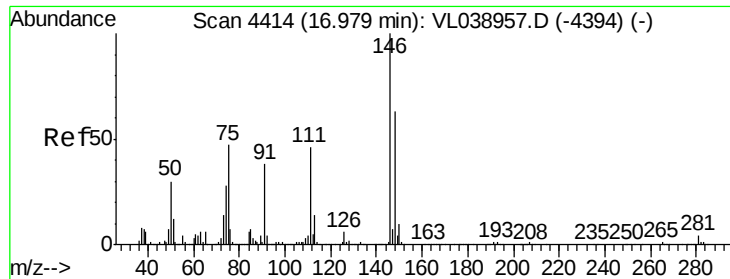
Tot Ion:105 Resp: 136
 Ion Ratio Lower Upper
 105 100
 120 0.0 34.4 51.6#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.000 ppbv
 RT: 16.73 min Scan# 4338
 Delta R.T. -0.01 min
 Lab File: VL038965.D
 Acq: 5 May 2022 9:06

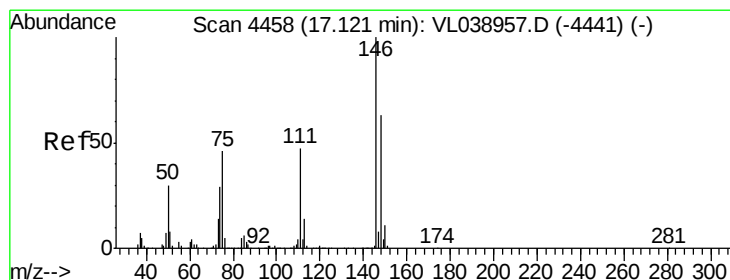
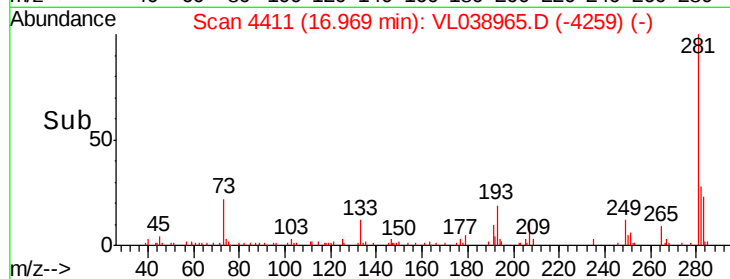
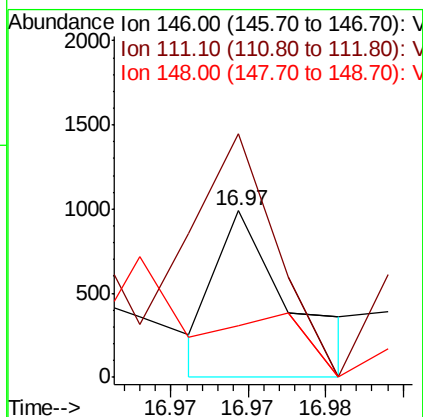
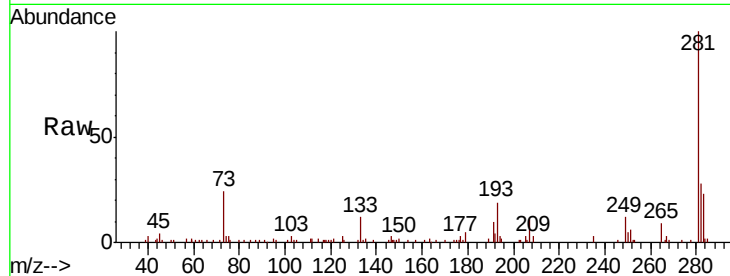
Tgt Ion:105 Resp: 160
 Ion Ratio Lower Upper
 105 100
 120 0.0 36.9 55.3#
 91 72.4 45.0 67.4#
 77 26.3 19.2 28.8





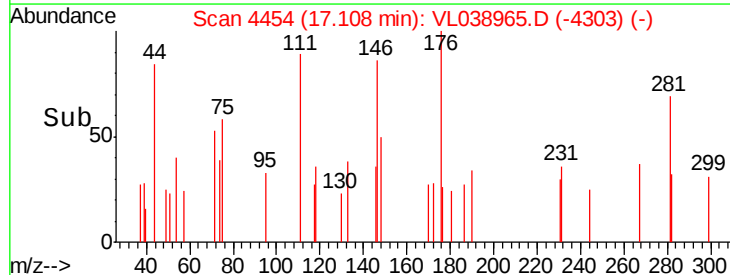
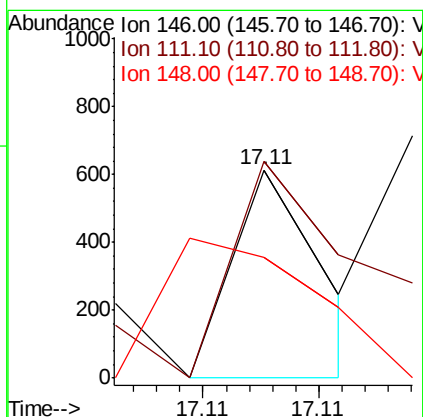
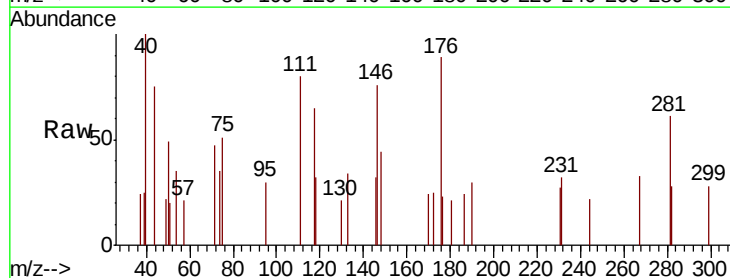
#75
 1,3-Dichlorobenzene
 Concen: 0.002 ppbv
 RT: 16.97 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0505ABL01
 Acq: 5 May 2022 9:00

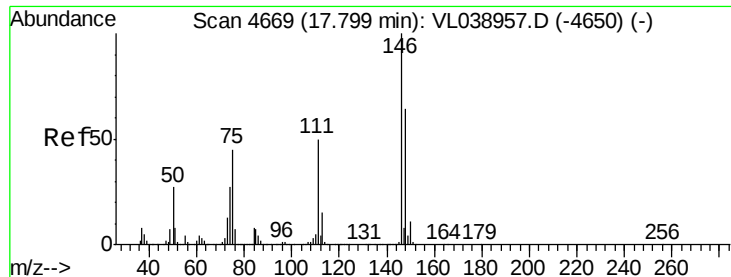
Tot Ion	Ratio	Lower	Upper
146	100		
111	280.5	24.1	72.2#
148	0.0	32.4	97.2#



#76
 1,4-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.11 min Scan# 4454
 Delta R.T.: -0.01 min
 Lab File: VL038965.D
 Acq: 5 May 2022 9:06

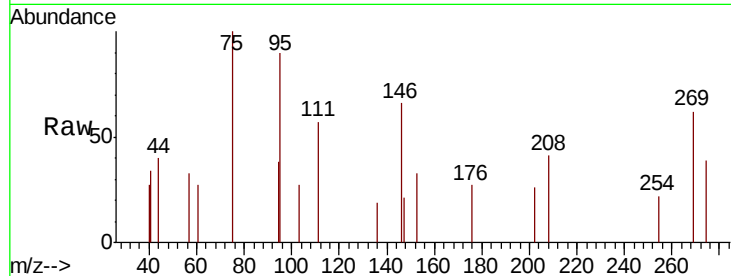
Tgt Ion	Ratio	Lower	Upper
146	100		
111	282.5	23.6	71.0#
148	0.0	32.2	96.6#



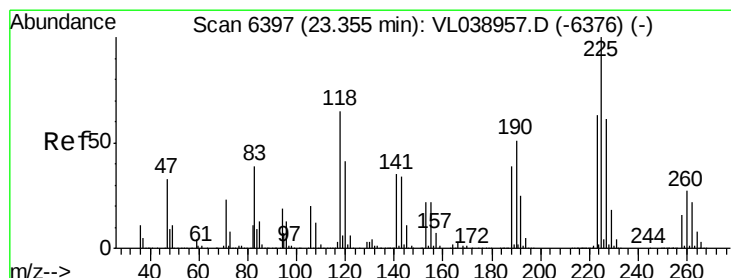
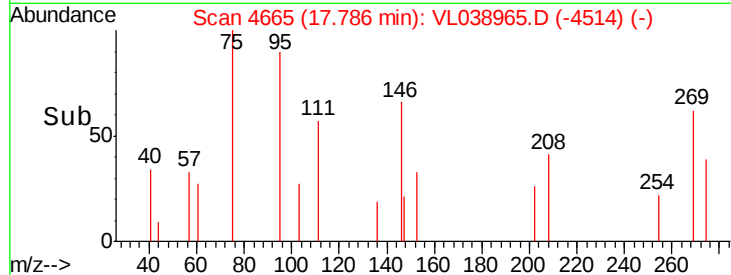
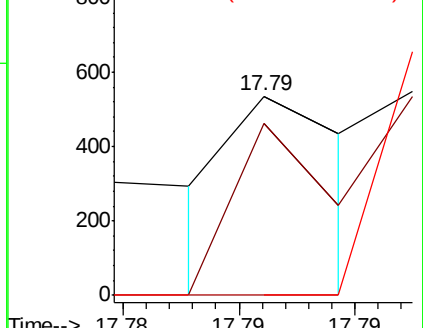


#77
 1,2-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.79 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 VL0505ABL01
 Acq: 5 May 2022 9:00

Tot Ion:146 Resp: 187
 Ion Ratio Lower Upper
 146 100
 111 0.0 25.3 75.9#
 148 0.0 32.3 96.9#

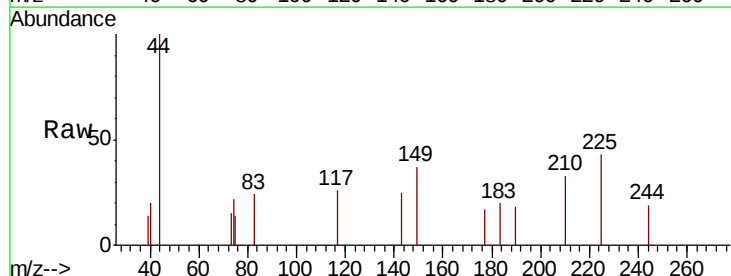


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

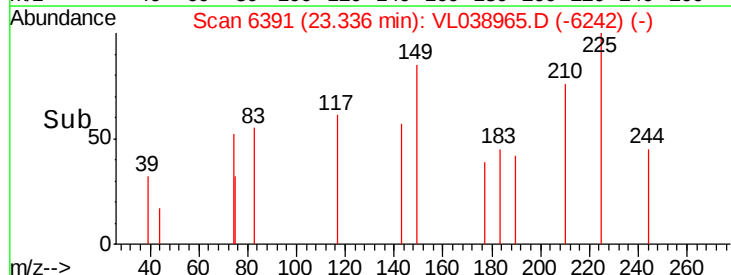
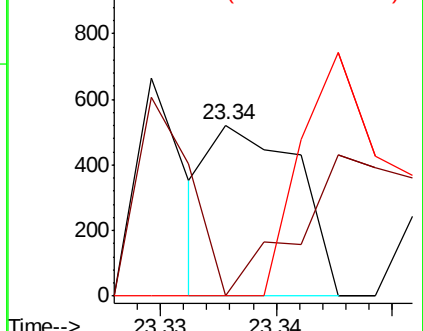


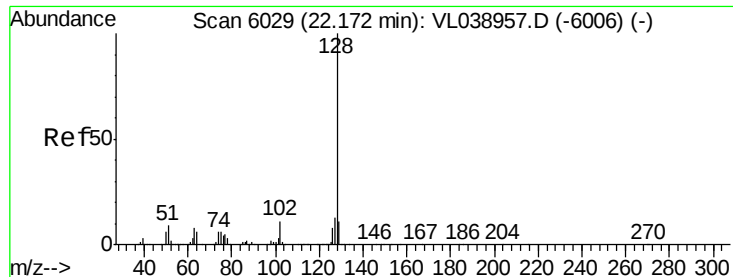
#78
 Hexachloro-1,3-Butadiene
 Concen: 0.002 ppbv
 RT: 23.34 min Scan# 6391
 Delta R.T. -0.02 min
 Lab File: VL038965.D
 Acq: 5 May 2022 9:06

Tgt Ion:225 Resp: 269
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.4 77.0#
 227 0.0 51.4 77.0#



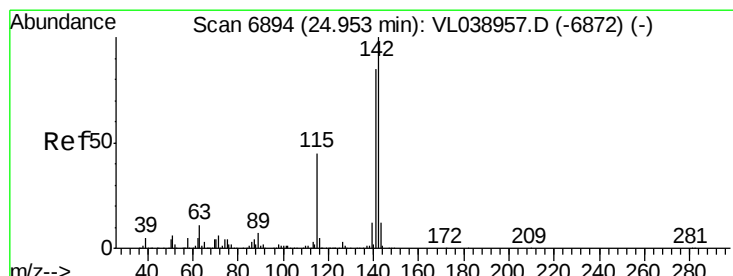
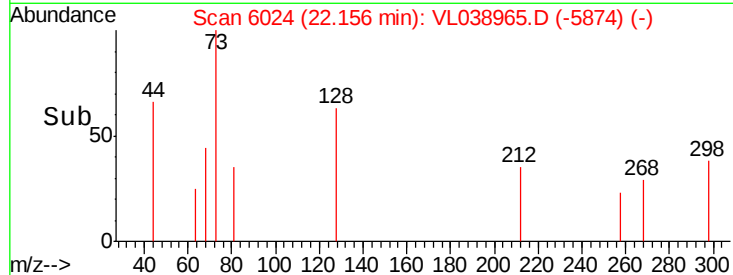
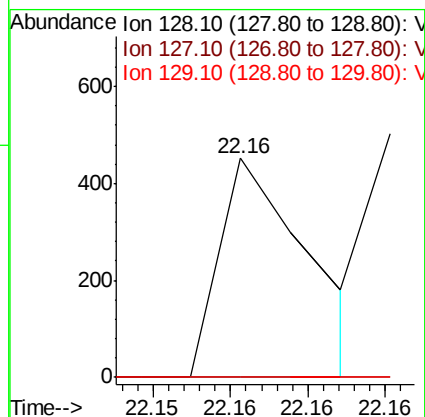
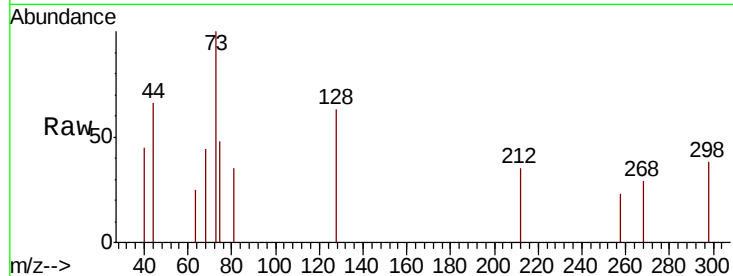
Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V





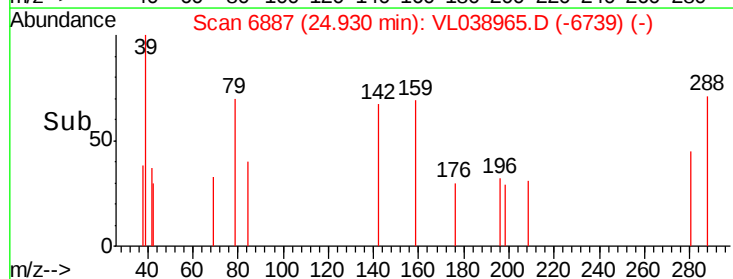
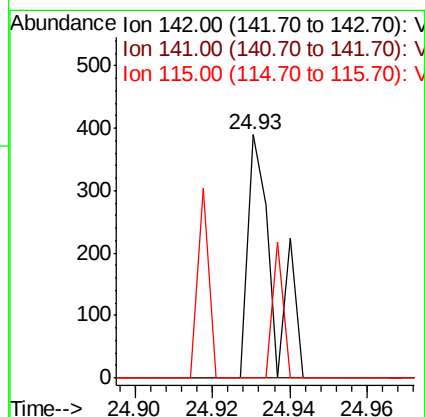
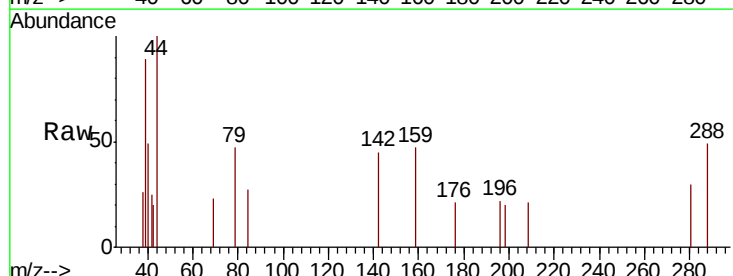
#79
Naphthalene
Concen: 0.001 ppbv
RT: 22.16 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0505ABL01
Acq: 5 May 2022 9:00

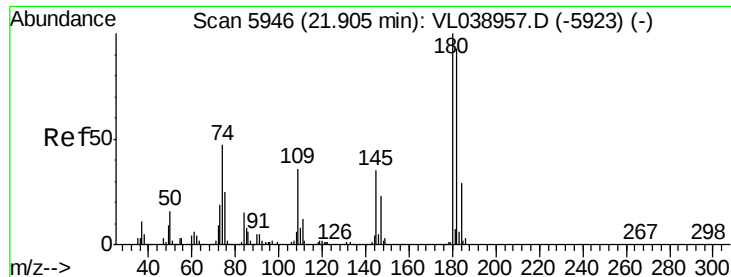
Tot Ion:128	Resp:	180
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.2 15.2#
129	0.0	8.9 13.3#



#80
Naphthalene, 2-methyl-
Concen: 0.002 ppbv
RT: 24.93 min Scan# 6887
Delta R.T. -0.02 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

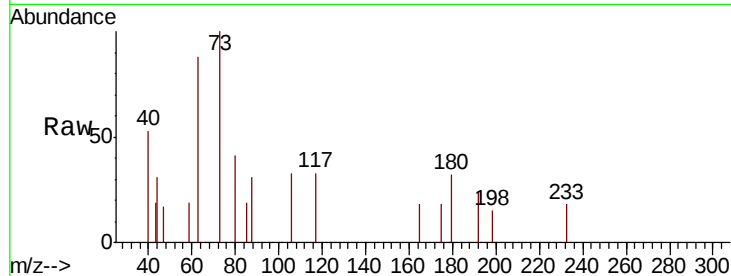
Tgt Ion:142	Resp:	172
Ion Ratio	Lower	Upper
142	100	
141	0.0	70.8 106.2#
115	17.4	35.1 52.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.000 ppbv
 RT: 21.89
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0505ABL01
 Acq: 5 May 2022 9:00

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	78.4	117.6#
184	0.0	24.4	36.6#



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

