

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051722\
 Data File : VL039069.D
 Acq On : 17 May 2022 13:50
 Operator : SY/AP
 Sample : VL0517ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0517ABL02

Quant Time: May 18 01:46:34 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 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	945694	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2428972	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2094022	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.42	95	1551322	9.35	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	95	0.001	ppbv #	43
3) Chlorodifluoromethane	2.98	51	104	0.001	ppbv #	57
4) Chloromethane	3.15	50	111	0.002	ppbv #	41
5) Vinyl Chloride	3.04	62	93	0.002	ppbv #	44
6) Bromomethane	3.92	94	107	0.004	ppbv #	1
7) Chloroethane	3.50	64	80	0.004	ppbv #	45
8) Dichlorotetrafluoroethane	3.07	85	95	0.001	ppbv #	16
9) Propene	3.01	41	434	0.008	ppbv #	13
10) Heptane	8.13	43	36	0.000	ppbv #	1
11) Trichlorofluoromethane	4.11	101	79	0.001	ppbv #	18
12) 1,1,2-Trichlorotrifluoroet	4.26	101	111	0.001	ppbv	87
13) Ethanol	3.62	45	126	0.035	ppbv #	31
14) Bromoethene	3.71	108	86	0.002	ppbv #	1
15) Acetone	3.87	43	111	0.001	ppbv #	48
16) 1,3-Butadiene	3.33	39	329	0.006	ppbv #	9
17) tert-Butyl alcohol	4.33	59	187	0.003	ppbv #	1
19) Isopropyl Alcohol	4.00	45	80	0.002	ppbv #	1
20) Methylene Chloride	4.36	84	2009	0.060	ppbv #	80
21) Allvl Chloride	4.35	41	100	0.002	ppbv #	1
22) trans-1,2-Dichloroethene	4.82	96	101	0.002	ppbv #	1
23) Vinyl Acetate	5.09	43	255	0.004	ppbv #	77
24) 1,1-Dichloroethane	5.12	63	116	0.001	ppbv #	89
25) Ethyl Acetate	5.70	43	233	0.001	ppbv #	75
26) Hexane	5.71	57	307	0.003	ppbv #	19
27) Carbon Disulfide	5.00	76	155	0.002	ppbv #	1
28) Methyl tert-Butyl Ether	4.72	73	171	0.002	ppbv #	6
29) Chloroform	5.77	83	92	0.001	ppbv #	18
30) Cyclohexane	7.16	84	103	0.001	ppbv #	28
34) 2-Butanone	5.26	43	85	0.001	ppbv #	54
36) Benzene	6.90	78	110	0.001	ppbv #	54
37) 1,2-Dichloroethane	6.51	62	138	0.001	ppbv #	1
38) Trichloroethene	7.96	130	38	0.000	ppbv #	1
39) 1,2-Dichloropropane	7.25	63	6384	0.079	ppbv #	33
40) 1,4-Dioxane	7.84	88	105	0.004	ppbv #	1
41) Tetrahydrofuran	6.06	42	31	0.000	ppbv #	36
42) Bromodichloromethane	7.80	83	139	0.001	ppbv #	24
43) Methyl Methacrylate	8.21	69	98	0.001	ppbv #	19
44) 2,2,4-Trimethylpentane	7.85	57	69	0.000	ppbv #	43
45) t-1,3-Dichloropropene	9.77	75	77	0.001	ppbv #	44
46) cis-1,3-Dichloropropene	8.68	75	131	0.001	ppbv #	24
49) Bromoform	13.14	173	153	0.001	ppbv #	61

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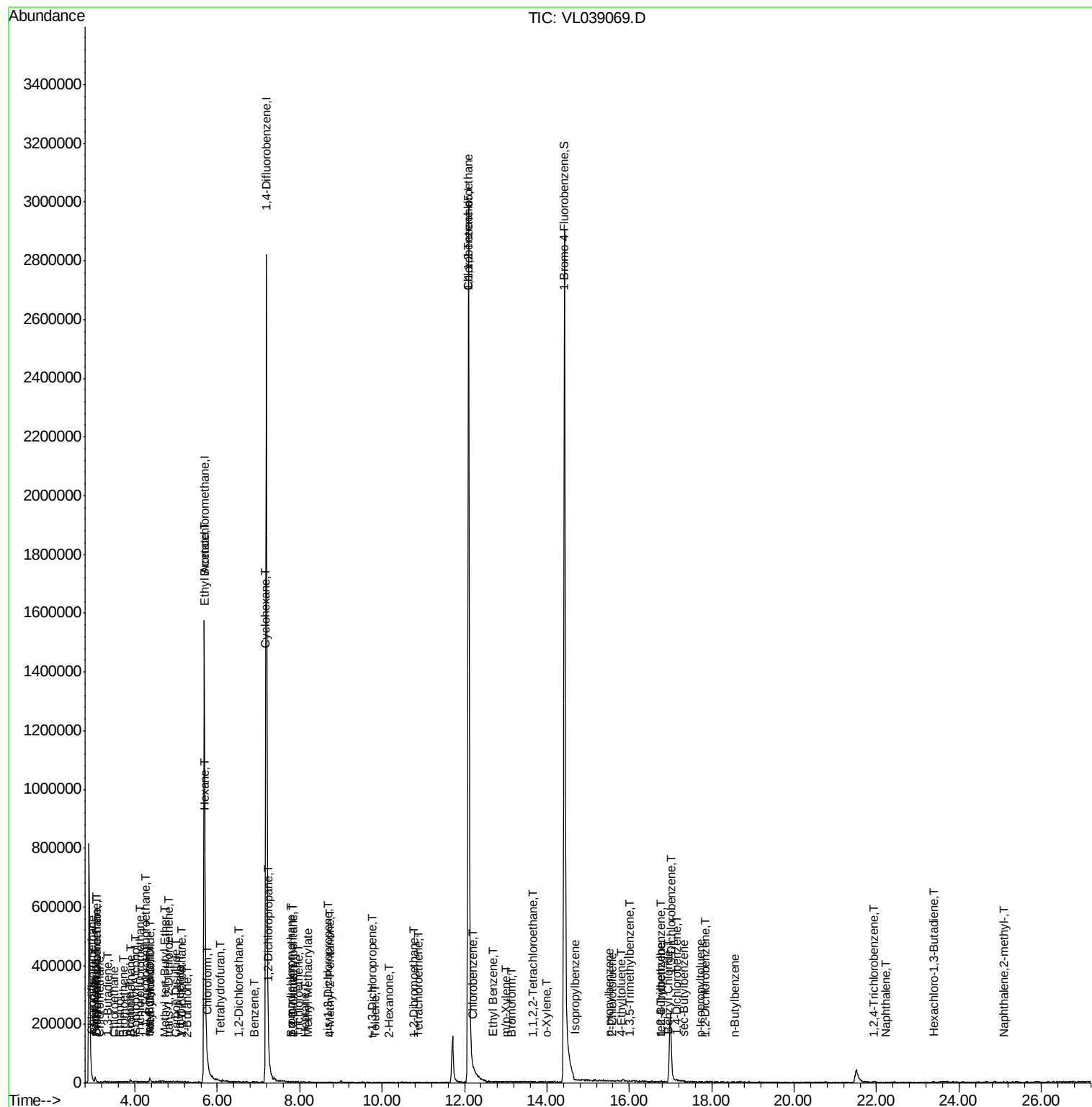
50) 4-Methyl-2-Pentanone	8.73	43	31	0.000	ppbv #	39
51) 2-Hexanone	10.16	43	92	0.001	ppbv #	28
52) Tetrachloroethene	10.89	164	100	0.001	ppbv #	1
53) Toluene	9.83	91	69	0.000	ppbv #	1
54) 1,2-Dibromoethane	10.77	107	52	0.000	ppbv #	3
56) 1,1,1,2-Tetrachloroethane	12.10	131	58	0.001	ppbv #	1
57) Chlorobenzene	12.21	112	35	0.000	ppbv #	22
58) Ethyl Benzene	12.70	91	279	0.001	ppbv #	44
59) m/p-Xylene	13.00	91	110	0.000	ppbv #	85
60) o-Xylene	14.01	91	126	0.001	ppbv #	72
62) Isopropylbenzene	14.68	105	184	0.001	ppbv #	73
63) 1,1,2,2-Tetrachloroethane	13.65	83	88	0.001	ppbv #	24
64) n-propylbenzene	15.53	120	98	0.001	ppbv #	23
65) tert-Butylbenzene	16.77	119	141	0.000	ppbv #	15
66) Benzyl Chloride	16.94	91	113	0.003	ppbv #	1
67) sec-Butylbenzene	17.33	105	115	0.000	ppbv #	60
69) p-Isopropyltoluene	17.72	119	65	0.000	ppbv #	30
70) n-Butylbenzene	18.57	91	121	0.000	ppbv #	33
71) 2-Chlorotoluene	15.56	91	231	0.001	ppbv #	77
72) 4-Ethyltoluene	15.80	105	66	0.000	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.99	105	91	0.000	ppbv #	33
74) 1,2,4-Trimethylbenzene	16.78	105	243	0.001	ppbv #	55
75) 1,3-Dichlorobenzene	17.01	146	53	0.000	ppbv #	1
76) 1,4-Dichlorobenzene	17.15	146	188	0.001	ppbv #	23
77) 1,2-Dichlorobenzene	17.83	146	108	0.001	ppbv #	4
78) Hexachloro-1,3-Butadiene	23.40	225	55	0.000	ppbv #	18
79) Naphthalene	22.22	128	121	0.001	ppbv #	69
80) Naphthalene, 2-methyl-	25.08	142	67	0.001	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.94	180	218	0.002	ppbv #	83

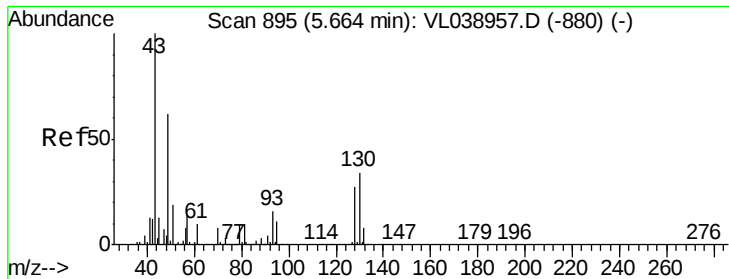
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0517ABL02

Acq: 17 May 2022 13:50

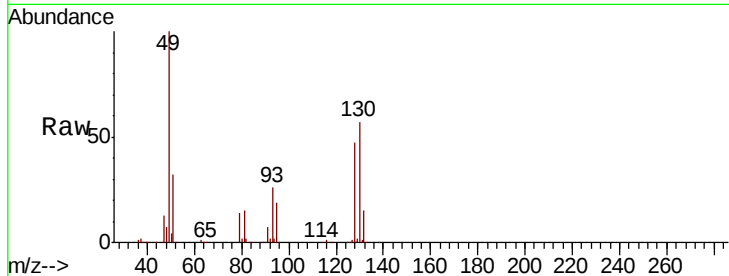
Tot Ion: 49 Resp: 945694

Ion Ratio Lower Upper

49 100

128 49.7 23.3 69.8

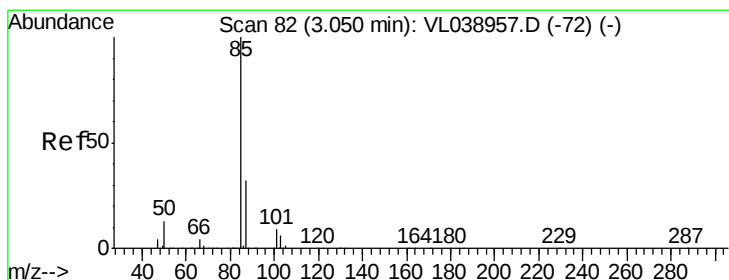
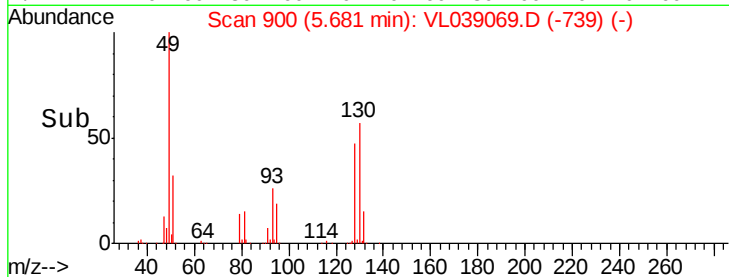
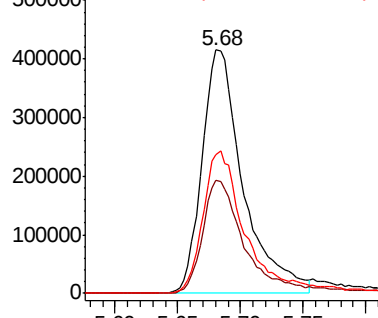
130 63.2 29.8 89.3



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: 3.07 min Scan# 88

Delta R.T. 0.02 min

Lab File: VL039069.D

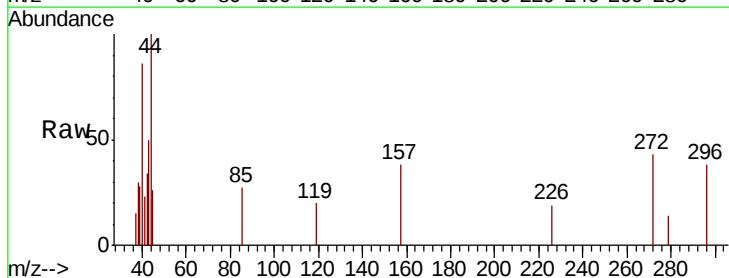
Acq: 17 May 2022 13:50

Tgt Ion: 85 Resp: 95

Ion Ratio Lower Upper

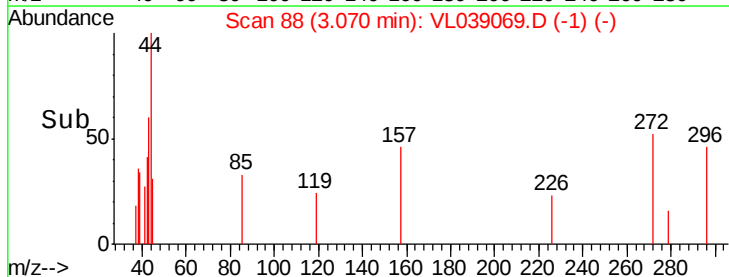
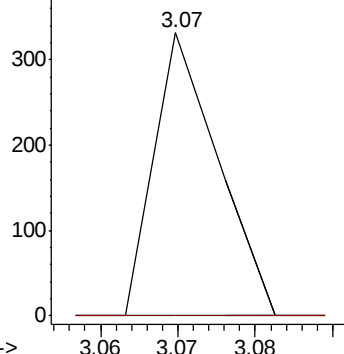
85 100

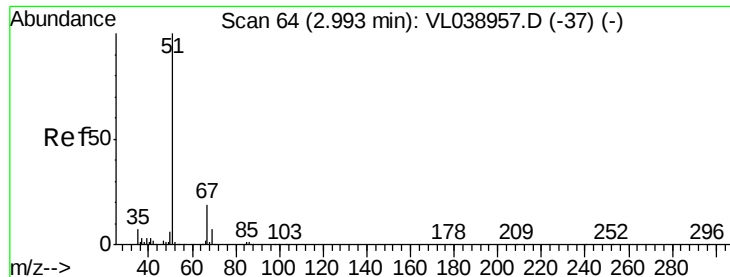
87 0.0 25.7 38.5#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.001 ppbv

RT: 2.98 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0517ABL02

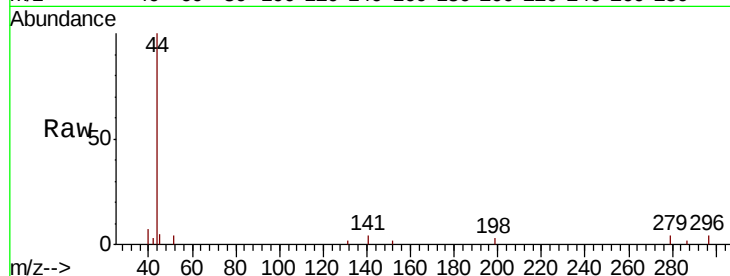
Acq: 17 May 2022 13:50

Tot Ion: 51 Resp: 104

Ion Ratio Lower Upper

51 100

67 0.0 15.8 23.8#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.98

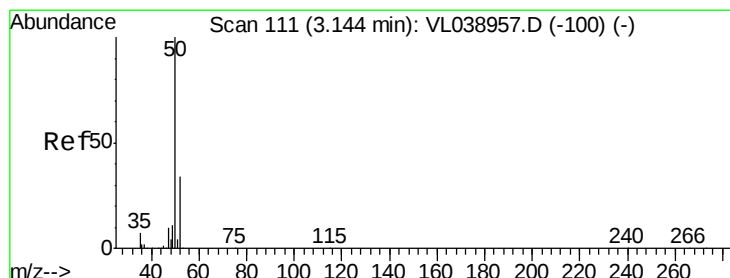
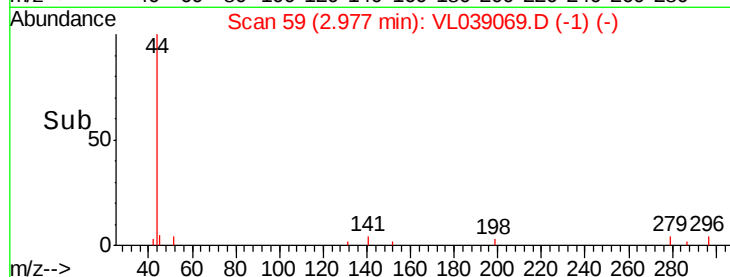
300

200

100

0

Time-->



#4

Chloromethane

Concen: 0.002 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL039069.D

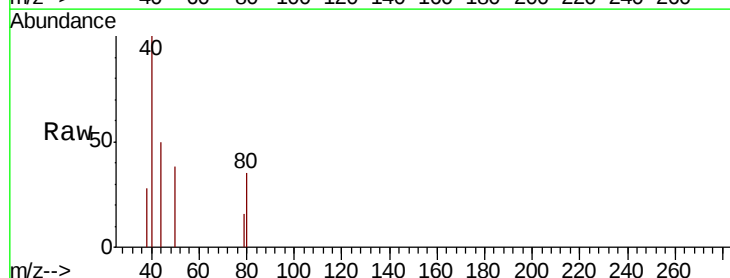
Acq: 17 May 2022 13:50

Tgt Ion: 50 Resp: 111

Ion Ratio Lower Upper

50 100

52 0.0 27.3 40.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.15

400

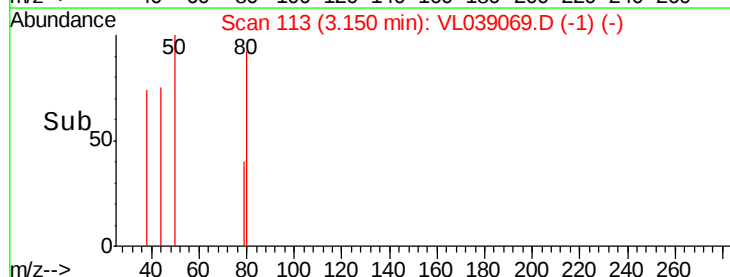
300

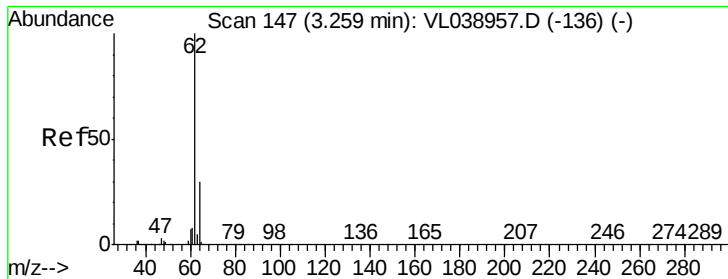
200

100

0

Time-->





#5

Vinyl Chloride

Concen: 0.002 ppbv

RT: 3.04 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0517ABL02

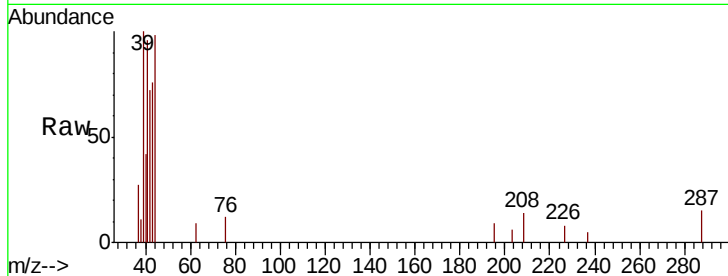
Acq: 17 May 2022 13:50

Tot Ion: 62 Resp: 93

Ion Ratio Lower Upper

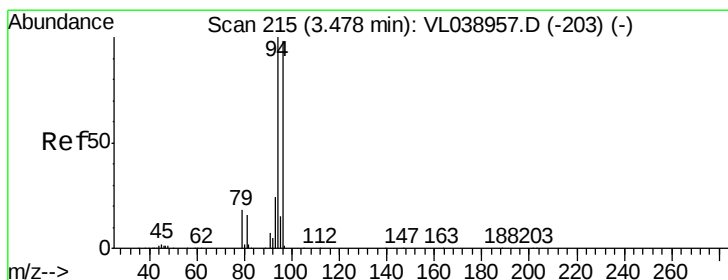
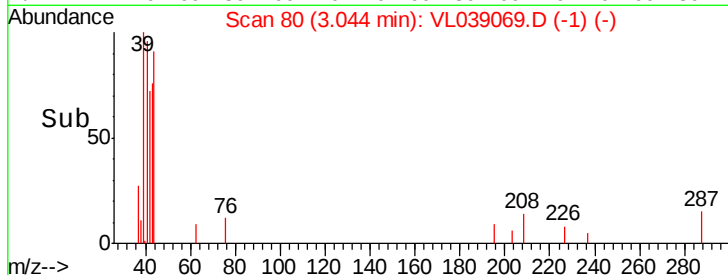
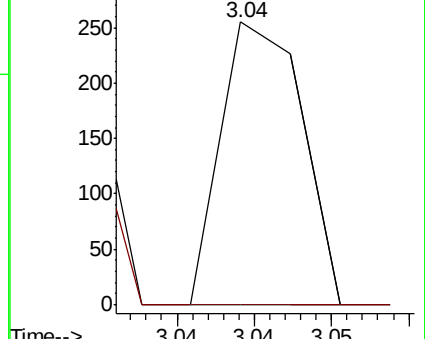
62 100

64 0.0 24.2 36.4#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.004 ppbv

RT: 3.92 min Scan# 351

Delta R.T. 0.44 min

Lab File: VL039069.D

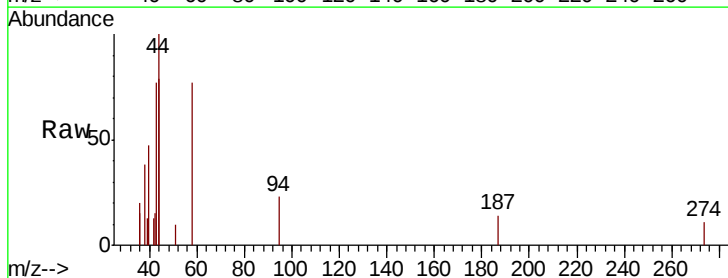
Acq: 17 May 2022 13:50

Tgt Ion: 94 Resp: 107

Ion Ratio Lower Upper

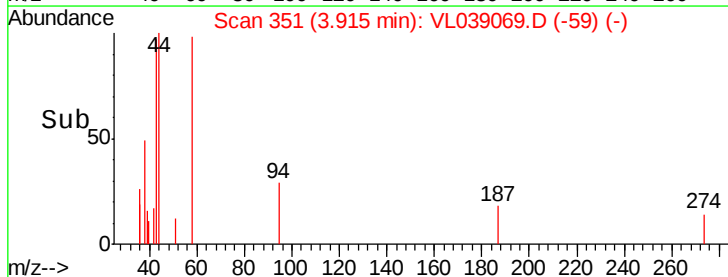
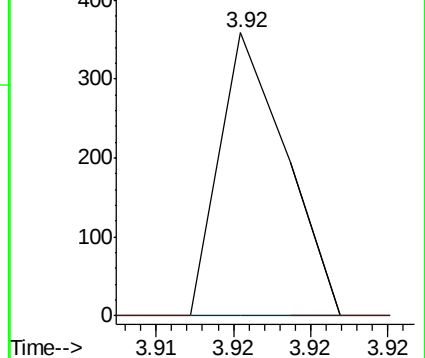
94 100

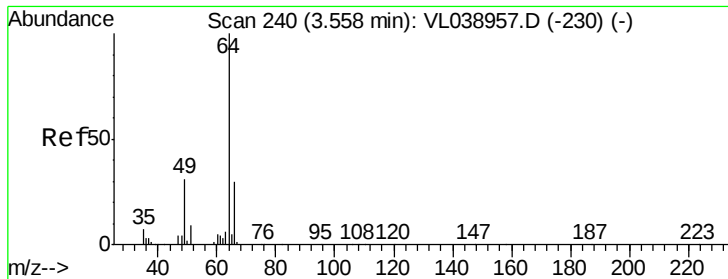
96 0.0 78.1 117.1#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.004 ppbv

RT: 3.50 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

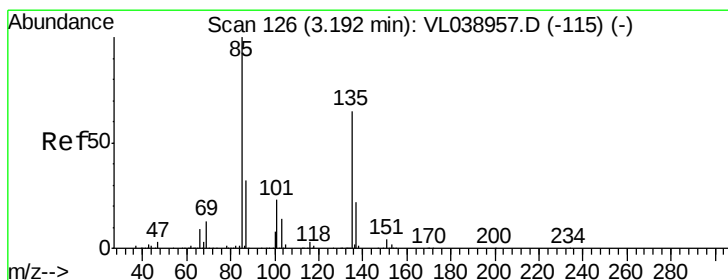
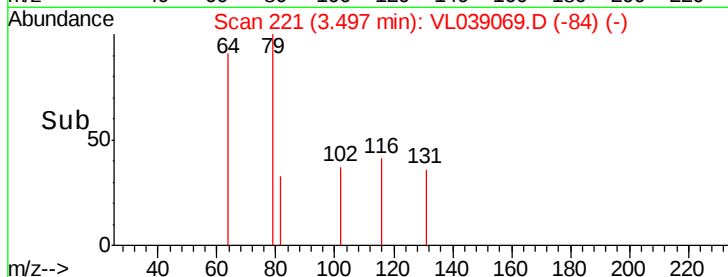
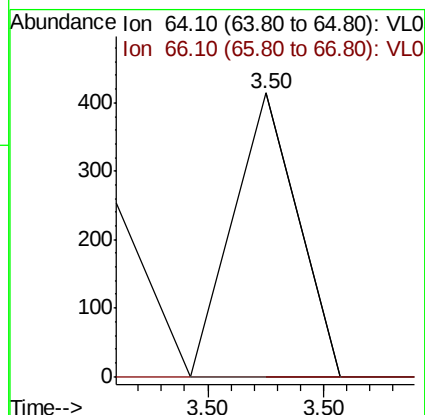
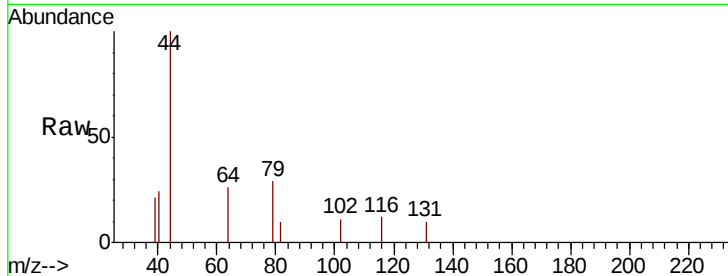
Acq: 17 May 2022 13:50 VL0517ABL02

Tot Ion: 64 Resp: 80

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.8#



#8

Dichlorotetrafluoroethane

Concen: 0.001 ppbv

RT: 3.07 min Scan# 88

Delta R.T. -0.12 min

Lab File: VL039069.D

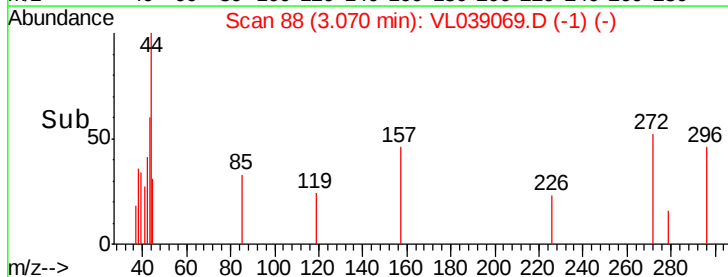
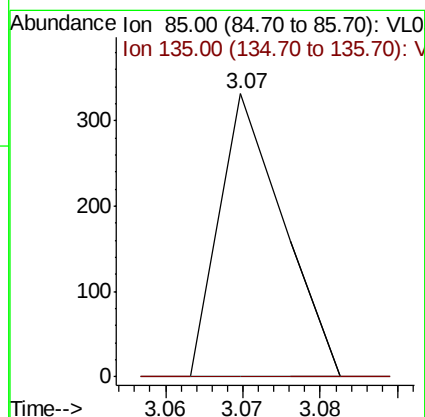
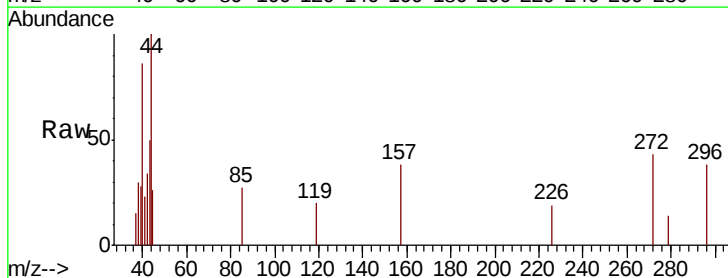
Acq: 17 May 2022 13:50

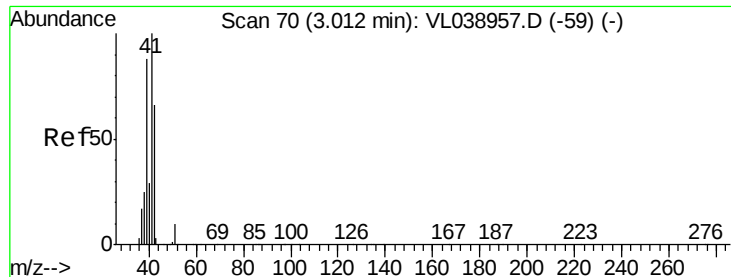
Tgt Ion: 85 Resp: 95

Ion Ratio Lower Upper

85 100

135 0.0 53.6 80.4#





#9

Propene

Concen: 0.008 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

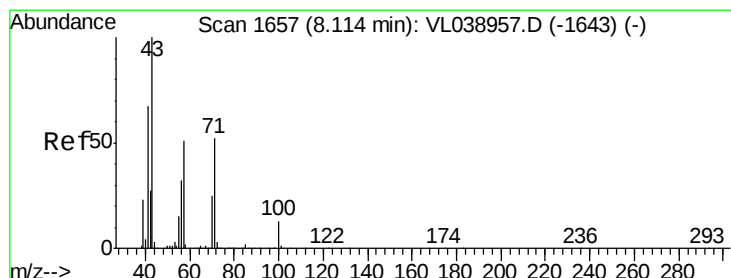
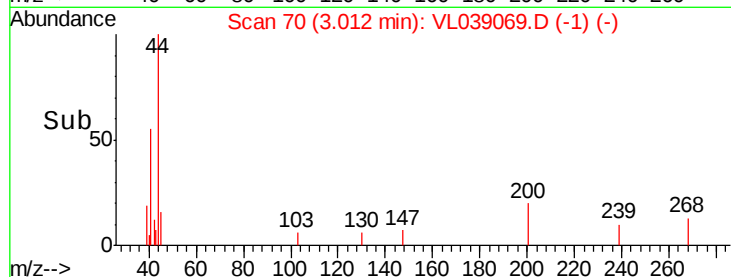
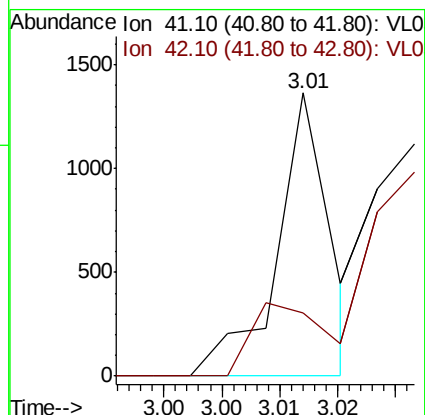
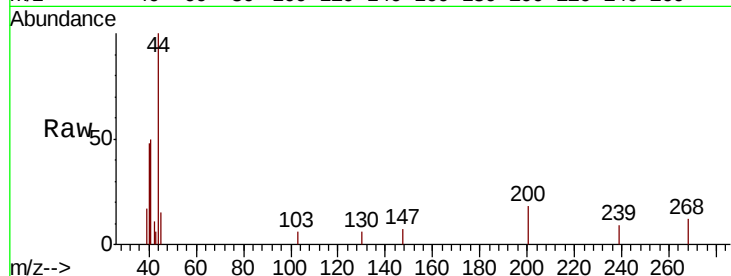
Acq: 17 May 2022 13:50

Tot Ion: 41 Resp: 434

Ion Ratio Lower Upper

41 100

42 0.0 58.3 87.5#



#10

Heptane

Concen: 0.000 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.02 min

Lab File: VL039069.D

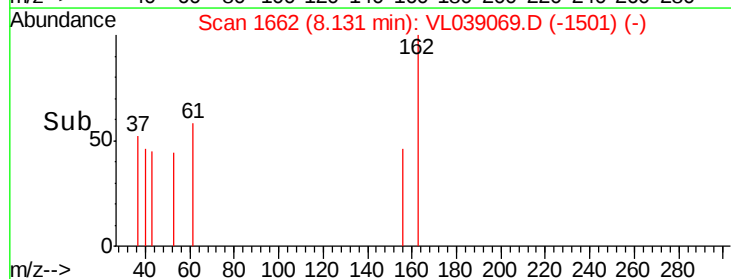
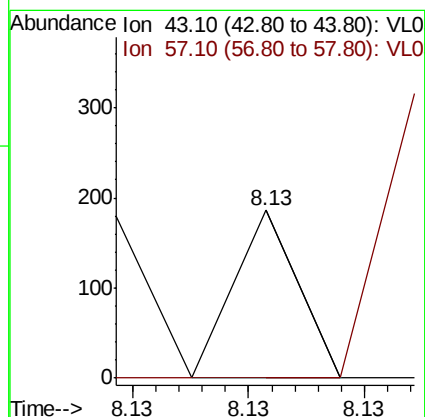
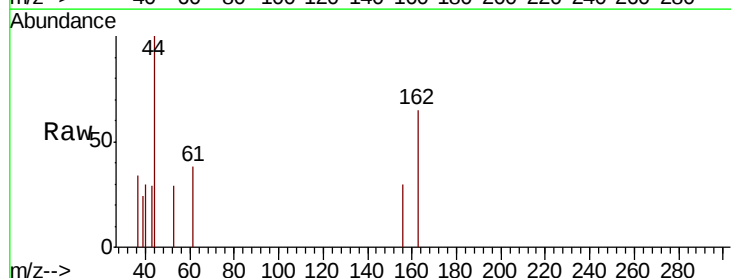
Acq: 17 May 2022 13:50

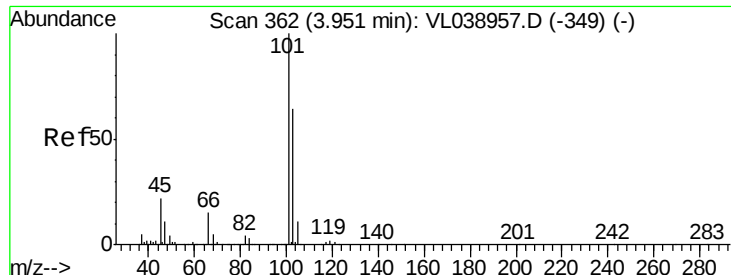
Tgt Ion: 43 Resp: 36

Ion Ratio Lower Upper

43 100

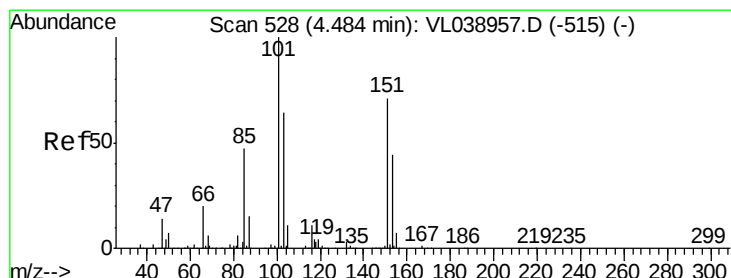
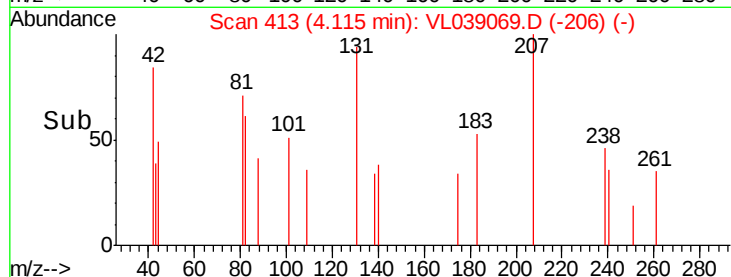
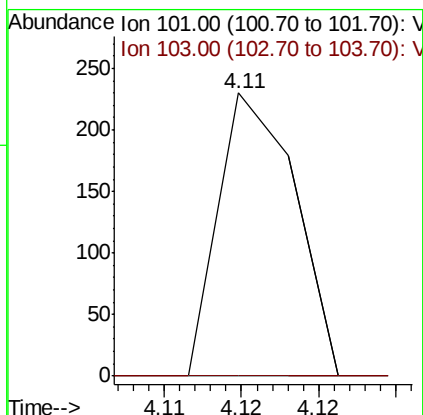
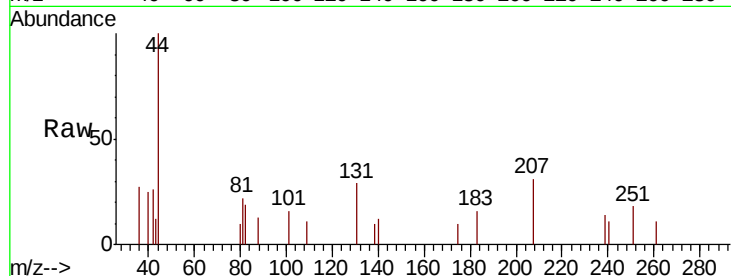
57 441.7 40.5 60.7#





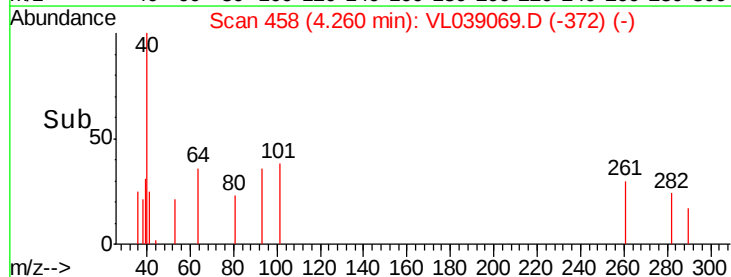
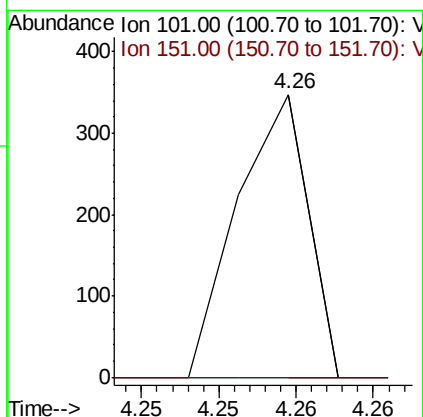
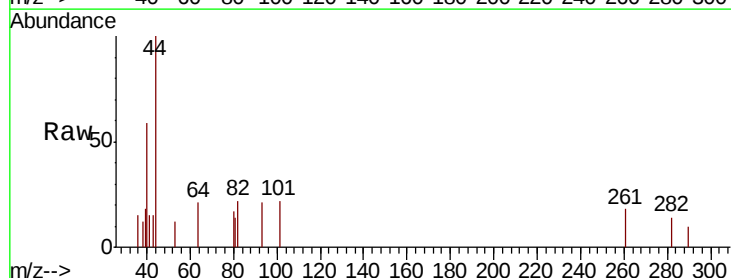
#11
 Trichlorofluoromethane
 Concen: 0.001 ppbv
 RT: 4.11
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0517ABL02
 Acq: 17 May 2022 13:50

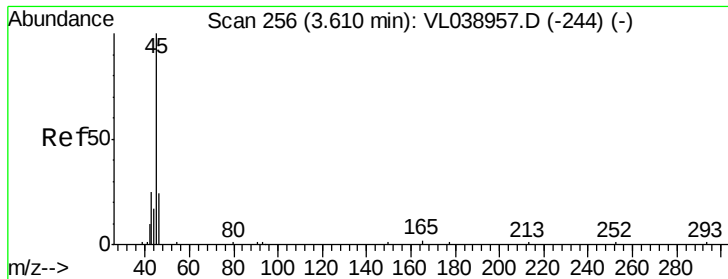
Tot Ion:101 Resp: 79
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.5 77.3#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.001 ppbv
 RT: 4.26 min Scan# 458
 Delta R.T. -0.22 min
 Lab File: VL039069.D
 Acq: 17 May 2022 13:50

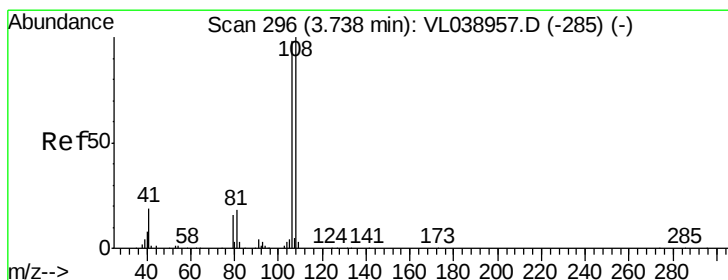
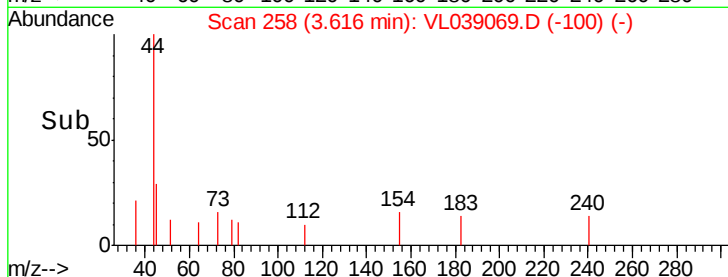
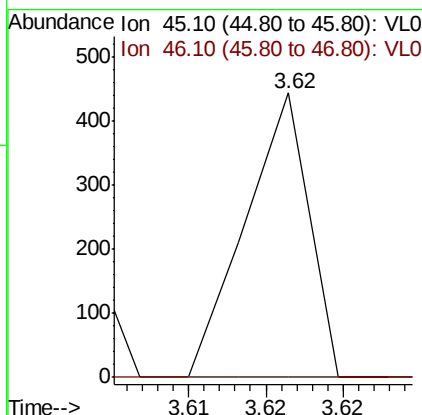
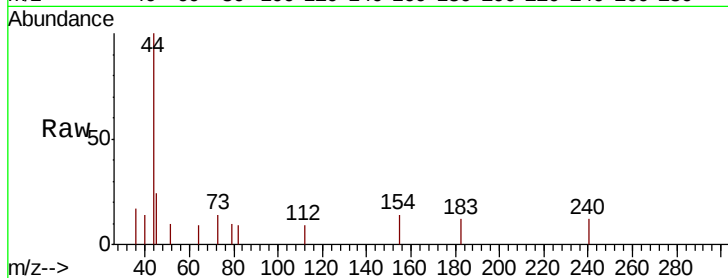
Tgt Ion:101 Resp: 111
 Ion Ratio Lower Upper
 101 100
 151 80.2 55.4 83.0





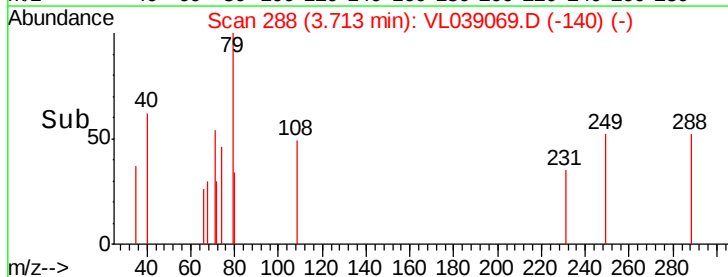
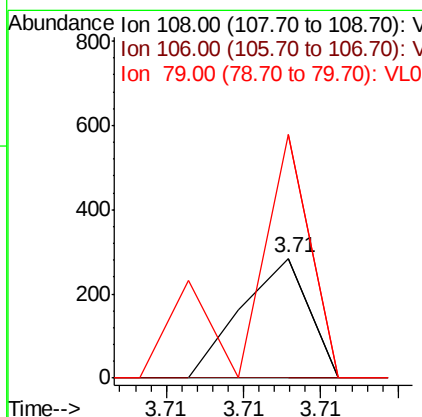
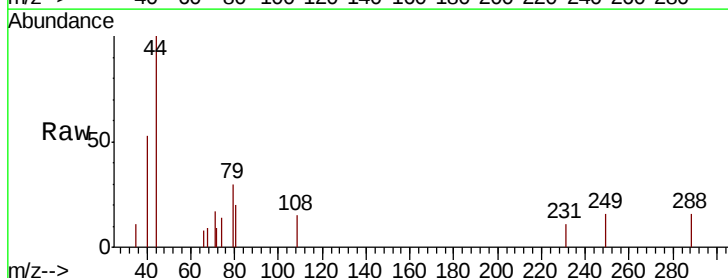
#13
Ethanol
Concen: 0.035 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0517ABL02
Acq: 17 May 2022 13:50

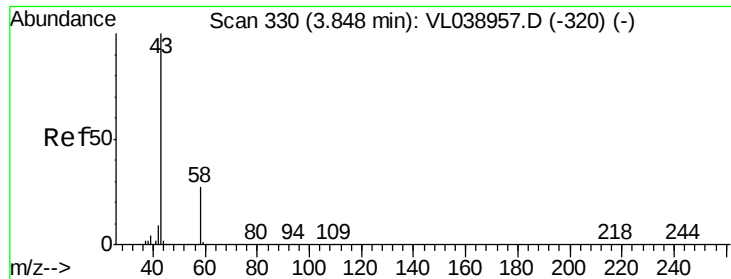
Tot Ion: 45 Resp: 126
Ion Ratio Lower Upper
45 100
46 0.0 18.0 72.2#



#14
Bromoethene
Concen: 0.002 ppbv
RT: 3.71 min Scan# 288
Delta R.T. -0.03 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

Tgt Ion: 108 Resp: 86
Ion Ratio Lower Upper
108 100
106 0.0 90.3 135.5#
79 159.3 14.9 22.3#





#15

Acetone

Concen: 0.001 ppbv

RT: 3.87 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

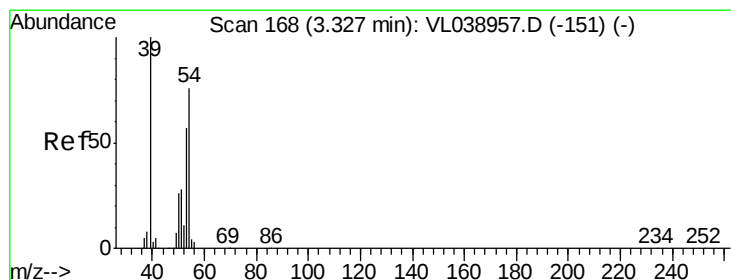
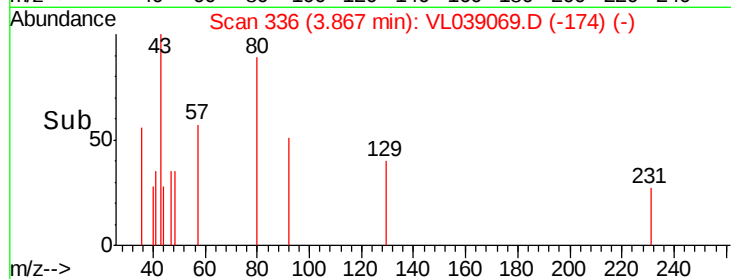
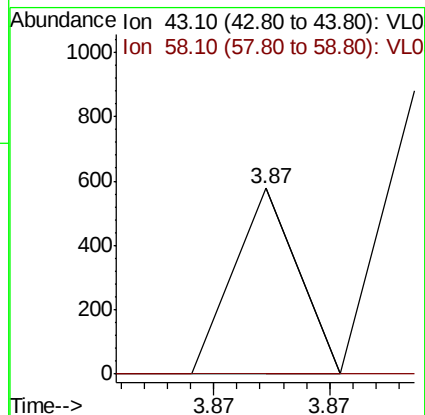
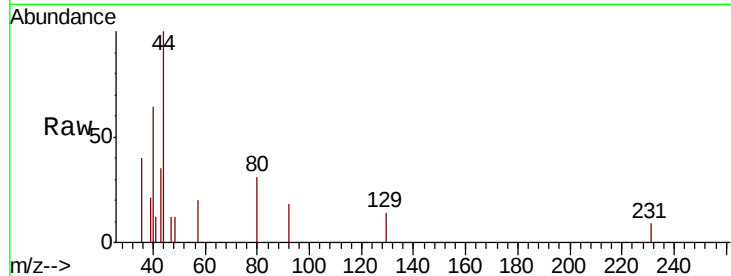
Acq: 17 May 2022 13:50 VL0517ABL02

Tot Ion: 43 Resp: 111

Ion Ratio Lower Upper

43 100

58 0.0 21.3 31.9#



#16

1,3-Butadiene

Concen: 0.006 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.01 min

Lab File: VL039069.D

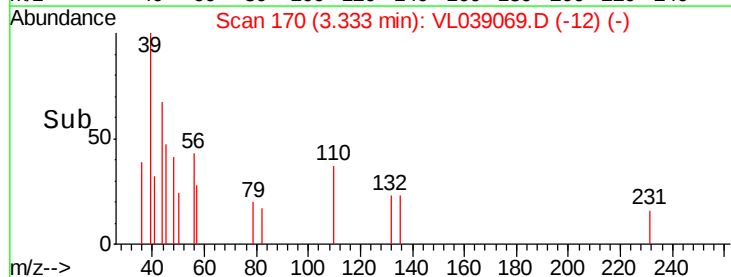
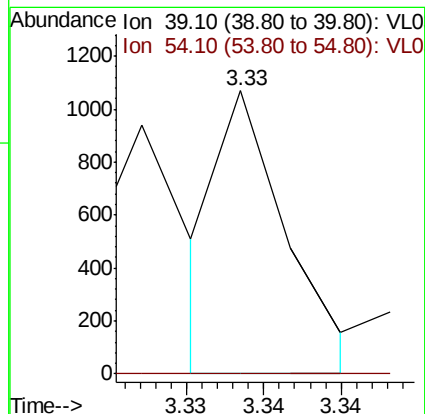
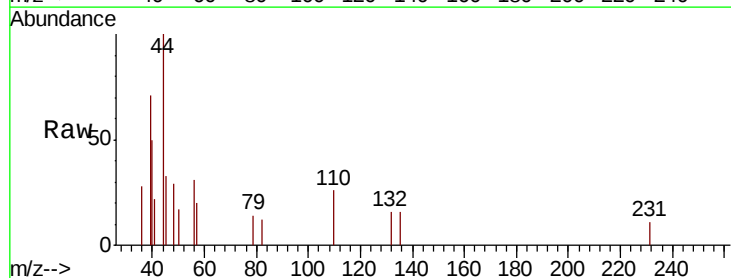
Acq: 17 May 2022 13:50

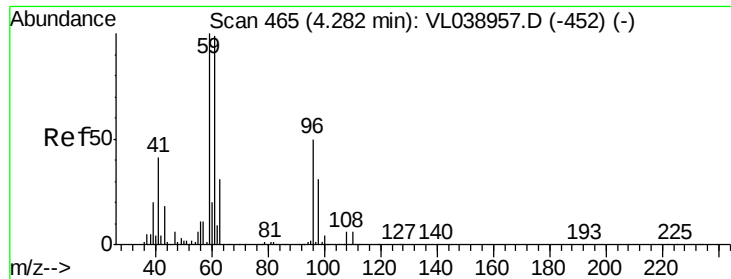
Tgt Ion: 39 Resp: 329

Ion Ratio Lower Upper

39 100

54 0.0 65.2 97.8#





#17

tert-Butyl alcohol

Concen: 0.003 ppbv

RT: 4.33 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0517ABL02

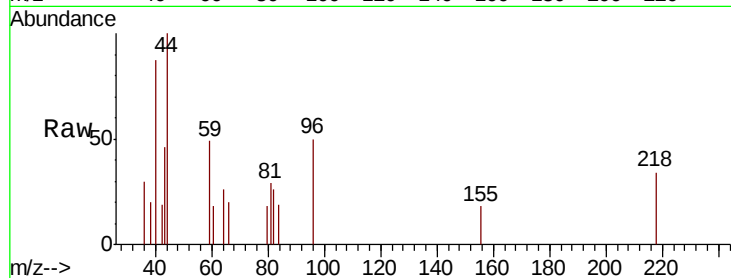
Acq: 17 May 2022 13:50

Tot Ion: 59 Resp: 187

Ion Ratio Lower Upper

59 100

57 68.4 9.2 13.8#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.33

400

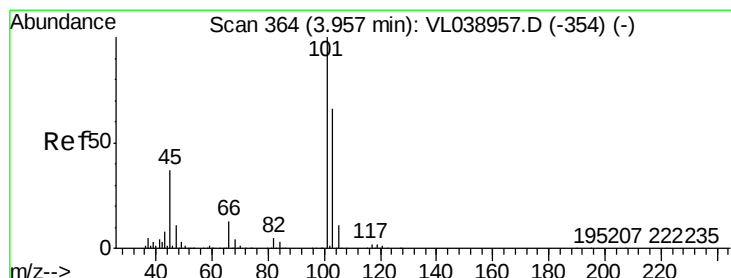
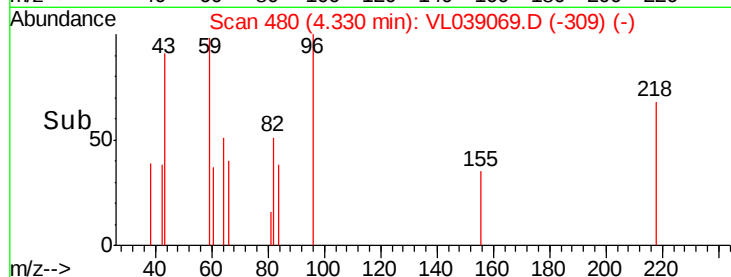
300

200

100

0

Time-->



#19

Isopropyl Alcohol

Concen: 0.002 ppbv

RT: 4.00 min Scan# 377

Delta R.T. 0.04 min

Lab File: VL039069.D

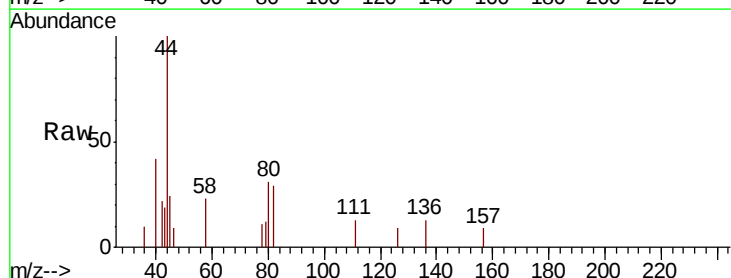
Acq: 17 May 2022 13:50

Tgt Ion: 45 Resp: 80

Ion Ratio Lower Upper

45 100

58 493.8 1.4 2.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

4.00

400

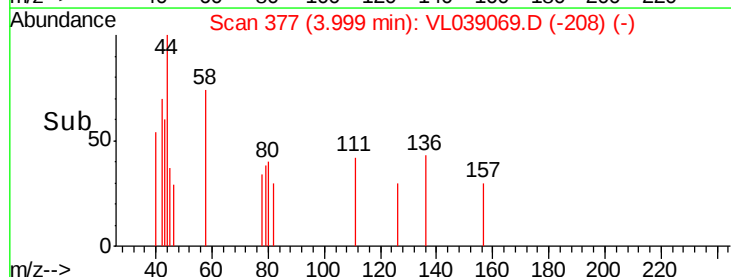
300

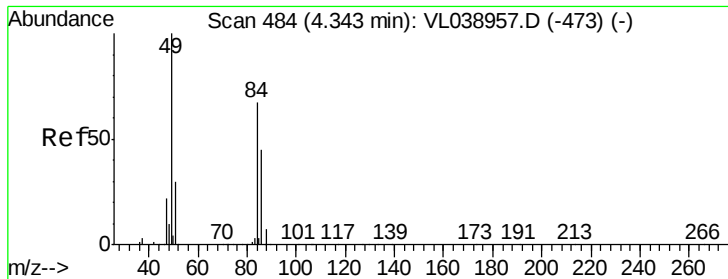
200

100

0

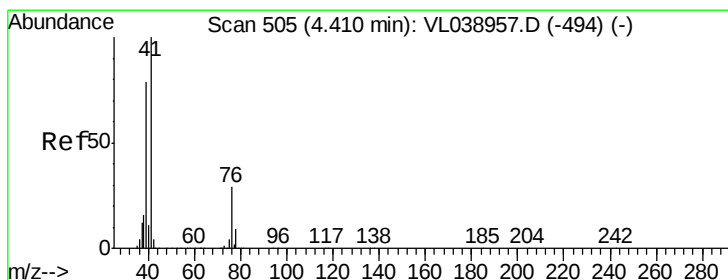
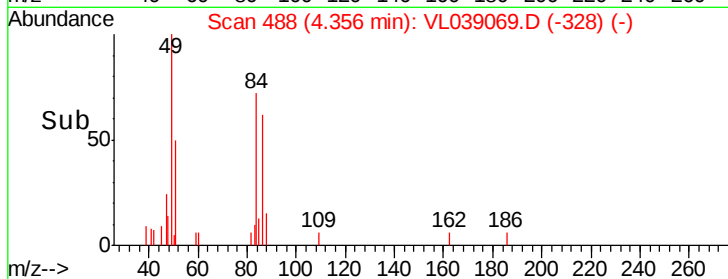
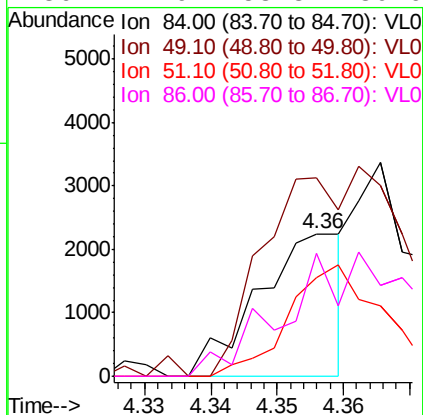
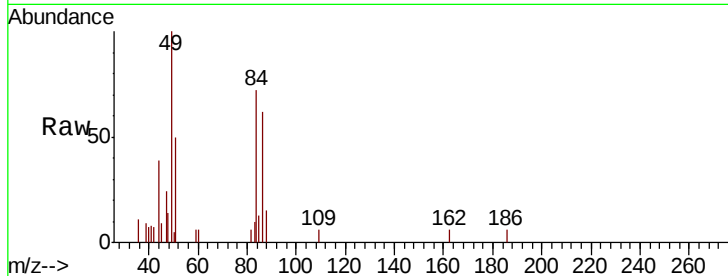
Time-->





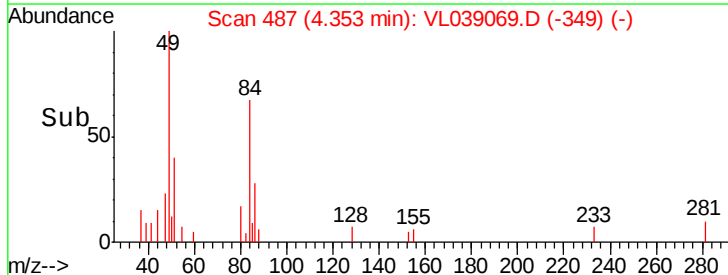
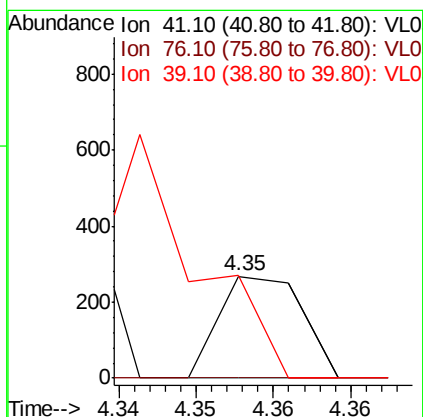
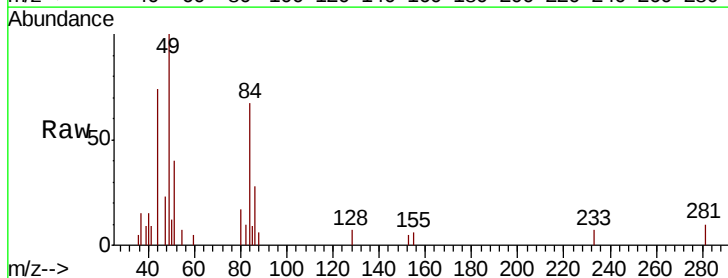
#20
Methylene Chloride
Concen: 0.060 ppbv
RT: 4.36
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0517ABL02
Acq: 17 May 2022 13:50

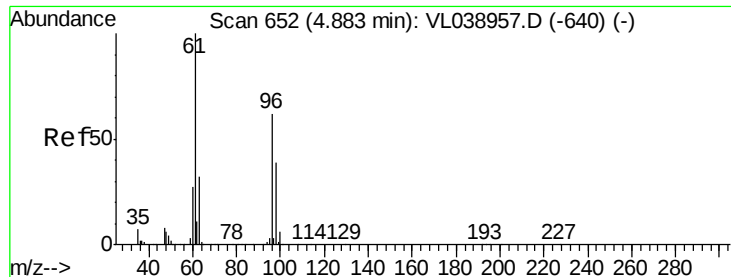
Tot Ion:	84	Resp:	2009
Ion	Ratio	Lower	Upper
84	100		
49	117.9	119.9	179.9#
51	58.7	35.7	53.5#
86	72.9	53.8	80.6



#21
Allyl Chloride
Concen: 0.002 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.06 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

Tgt Ion:	41	Resp:	100
Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.4#
39	354.0	63.8	95.8#





#22

trans-1,2-Dichloroethene

Concen: 0.002 ppbv

RT: 4.82 Instrument: MSVOA_1

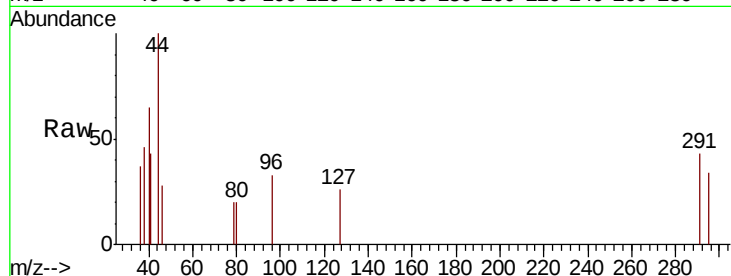
Delta R.T. ClientSampleId:

Lab File: VL0517ABL02

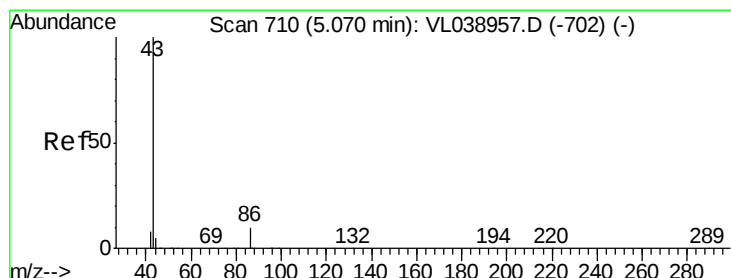
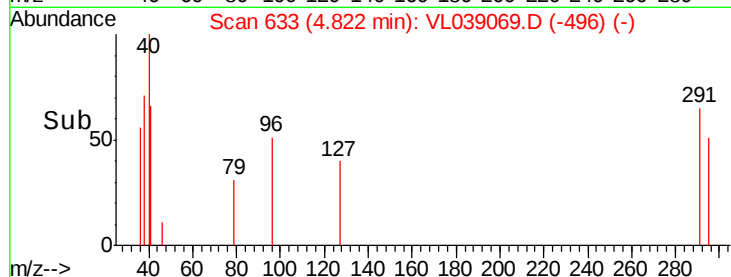
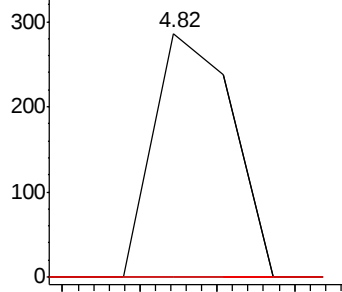
Acq: 17 May 2022 13:50

Tot Ion: 96 Resp: 101

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: 0.004 ppbv

RT: 5.09 min Scan# 716

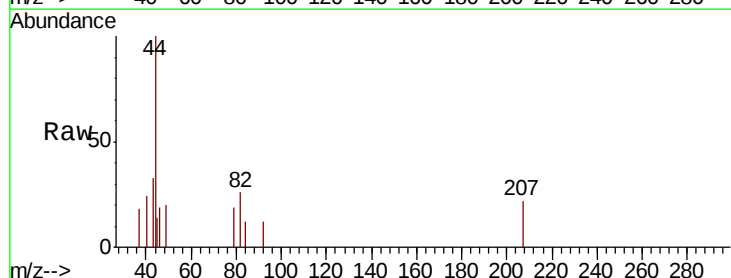
Delta R.T. 0.02 min

Lab File: VL039069.D

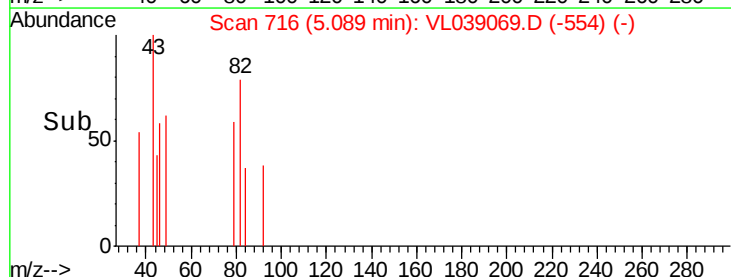
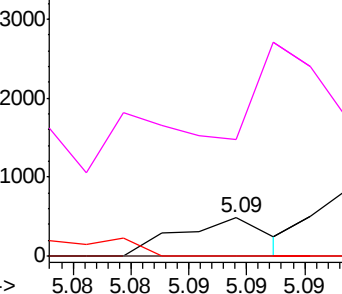
Acq: 17 May 2022 13:50

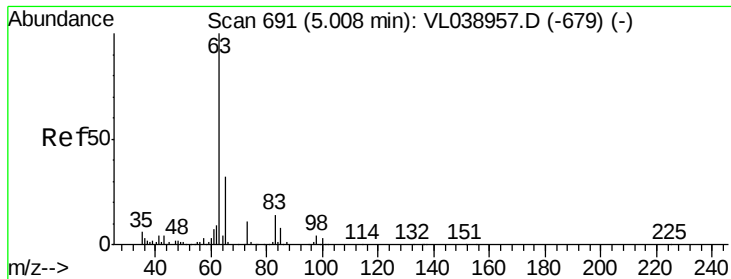
Tgt Ion: 43 Resp: 255

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

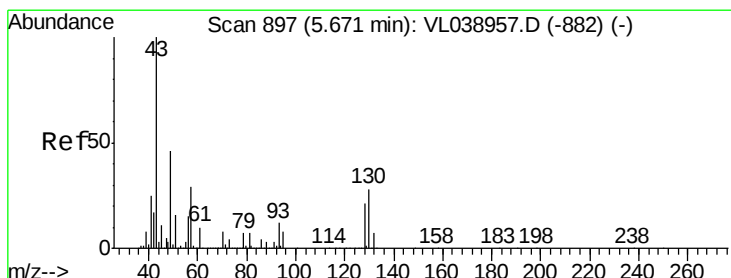
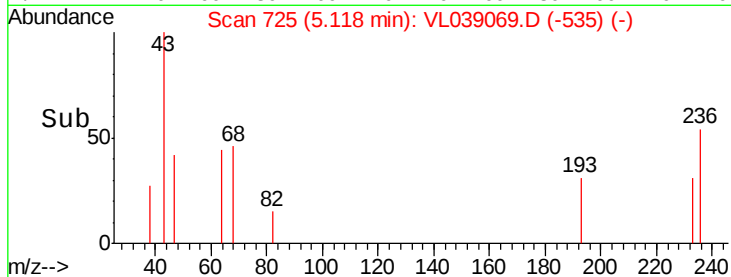
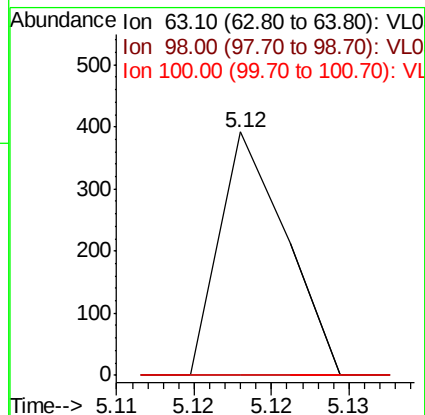
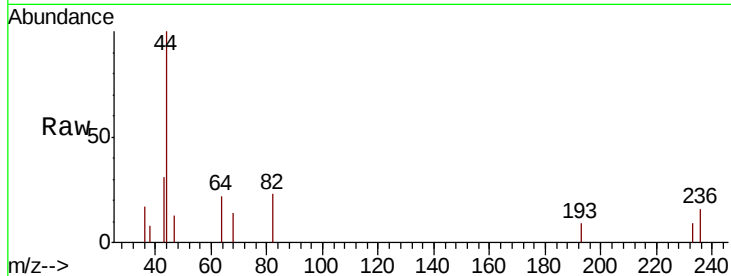
RT: 5.12 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0517ABL02

Acq: 17 May 2022 13:50

Tot Ion:	63	Resp:	116
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.2#
100	0.0	1.4	4.2#



#25

Ethyl Acetate

Concen: 0.001 ppbv

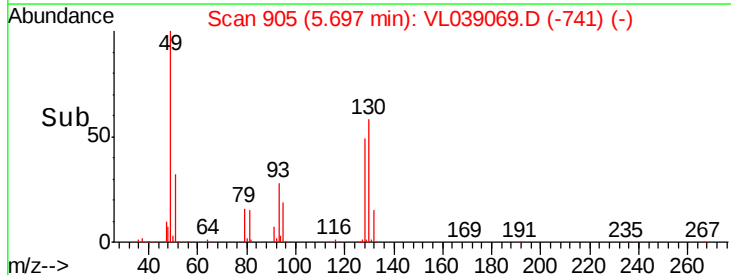
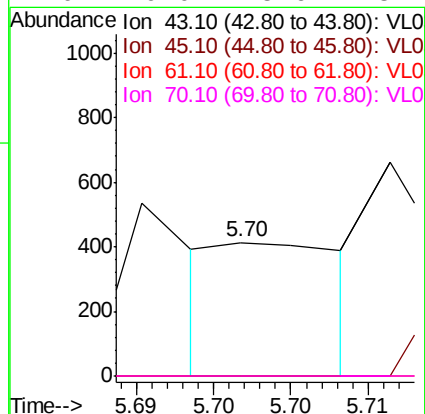
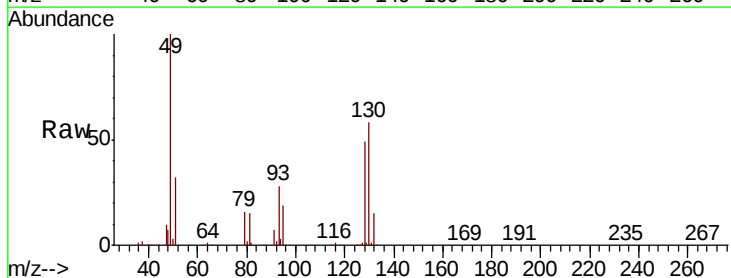
RT: 5.70 min Scan# 905

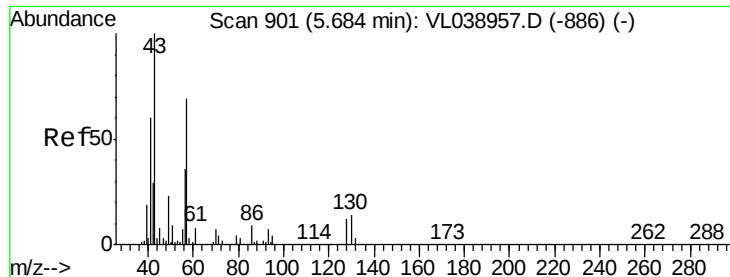
Delta R.T. 0.03 min

Lab File: VL039069.D

Acq: 17 May 2022 13:50

Tgt Ion:	43	Resp:	233
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#





#26

Hexane

Concen: 0.003 ppbv

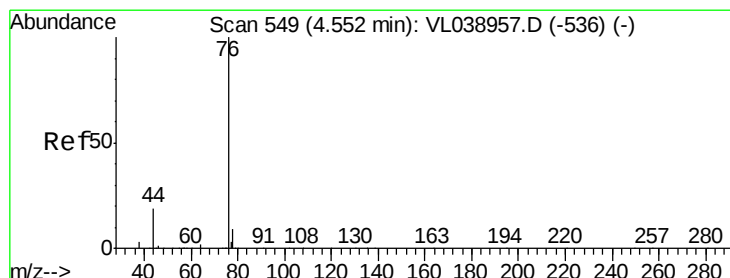
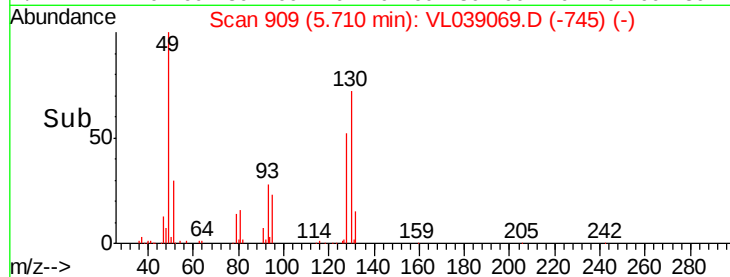
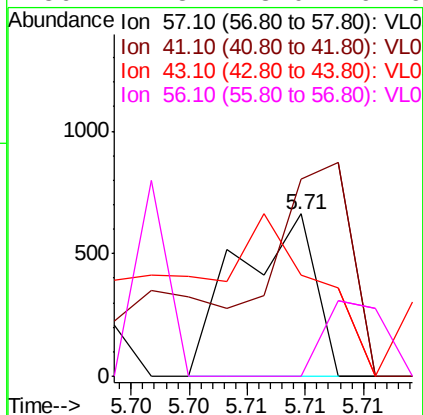
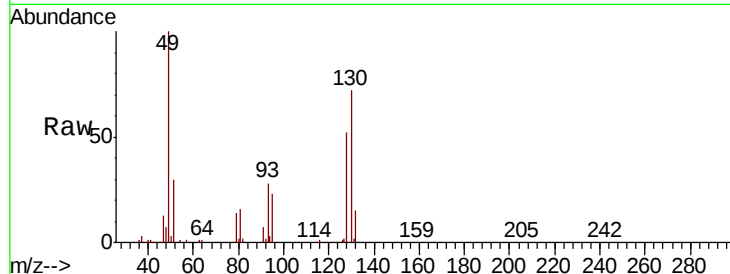
RT: 5.71 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 13:50

Tot Ion:	57	Resp:	307
Ion	Ratio	Lower	Upper
57	100		
41	257.7	75.2	112.8#
43	329.6	190.8	286.2#
56	22.8	43.0	64.6#



#27

Carbon Disulfide

Concen: 0.002 ppbv

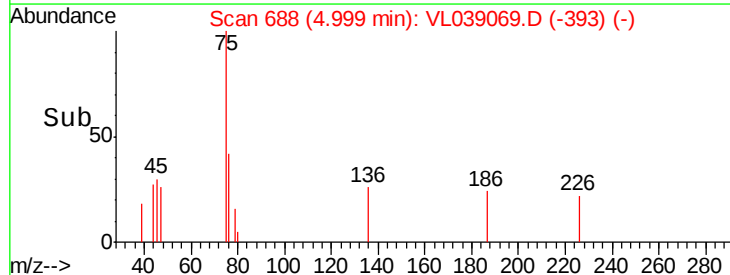
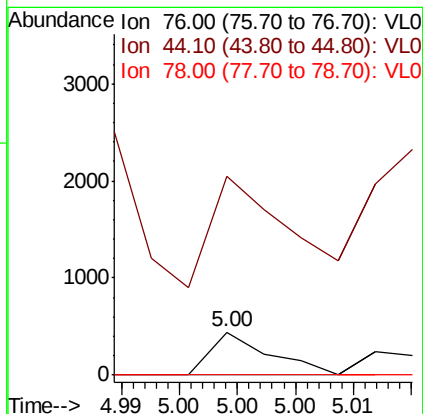
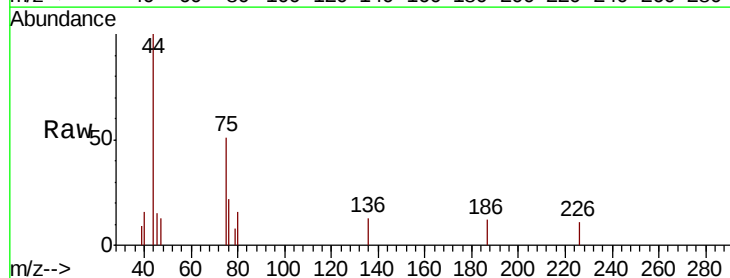
RT: 5.00 min Scan# 688

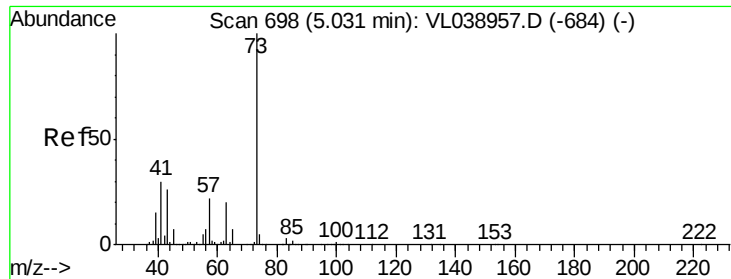
Delta R.T. 0.45 min

Lab File: VL039069.D

Acq: 17 May 2022 13:50

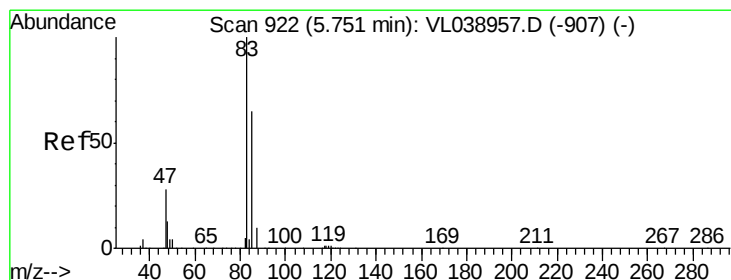
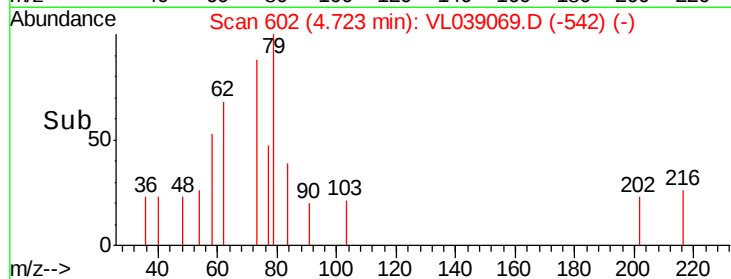
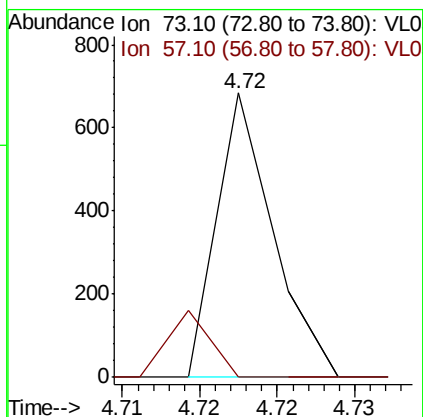
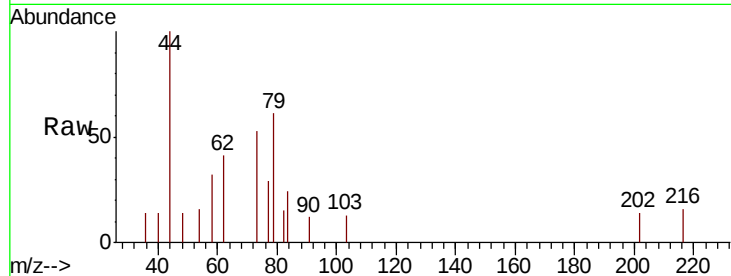
Tgt Ion:	76	Resp:	155
Ion	Ratio	Lower	Upper
76	100		
44	994.8	15.3	22.9#
78	0.0	8.2	12.2#





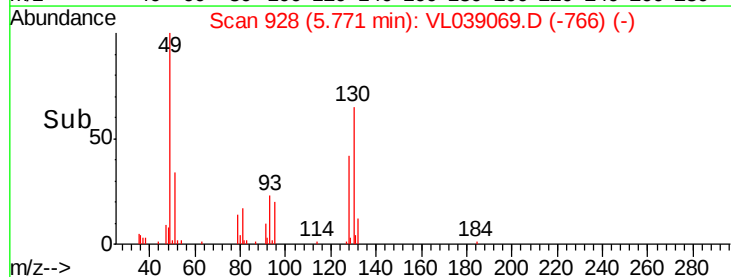
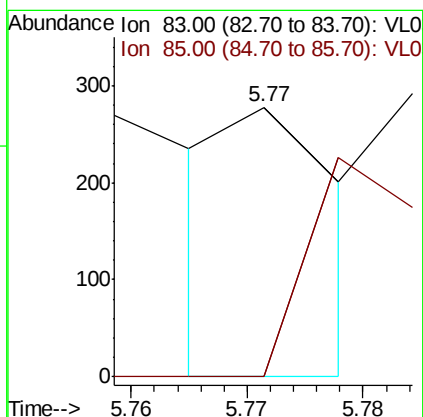
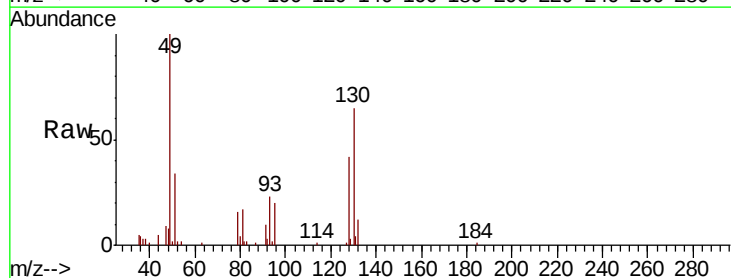
#28
Methvl tert-Butvl Ether
Concen: 0.002 ppbv
RT: 4.72
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0517ABL02
Acq: 17 May 2022 13:50

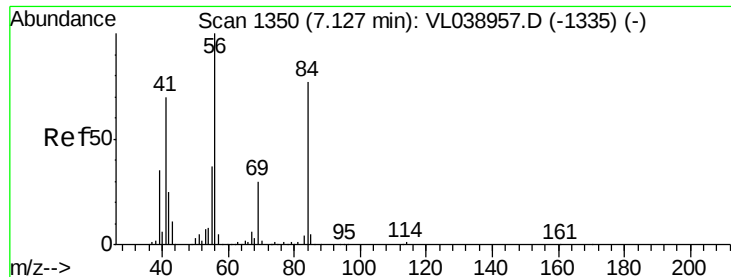
Tot Ion: 73 Resp: 171
Ion Ratio Lower Upper
73 100
57 69.6 18.8 28.2#



#29
Chloroform
Concen: 0.001 ppbv
RT: 5.77 min Scan# 928
Delta R.T. 0.02 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

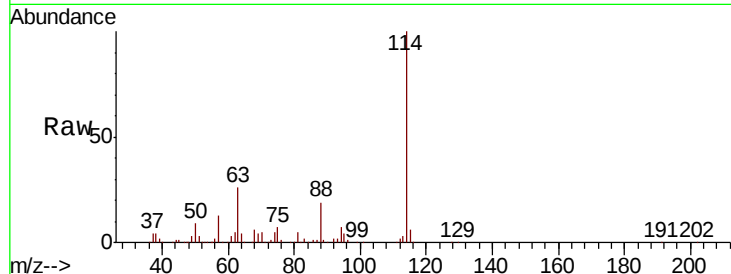
Tgt Ion: 83 Resp: 92
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.6#





#30
Cyclohexane
Concen: 0.001 ppbv
RT: 7.16
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0517ABL02
Acq: 17 May 2022 13:50

Tot Ion	84	Resp	103
Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.3	172.9#
41	89.3	72.0	108.0

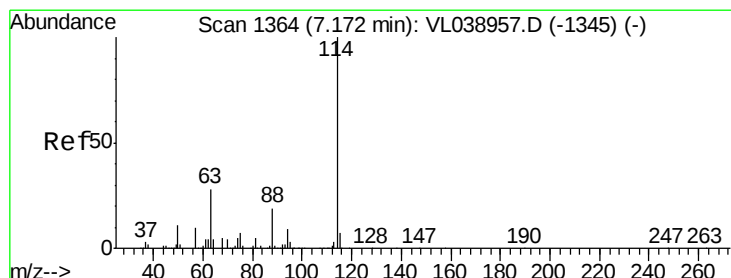
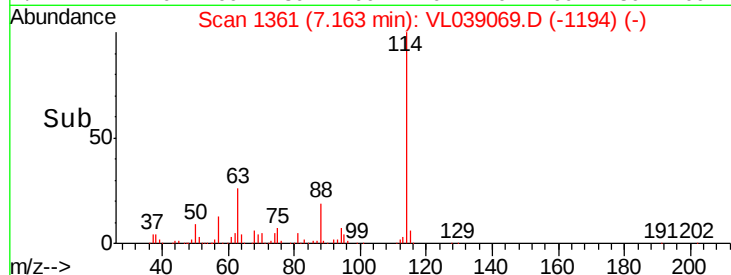
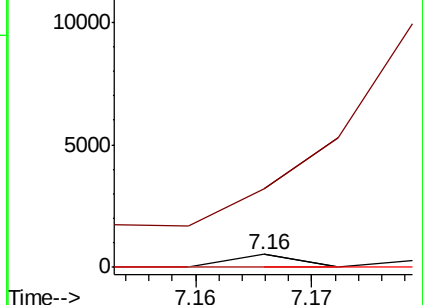


Abundance

Ion 84.20 (83.90 to 84.90): VL0

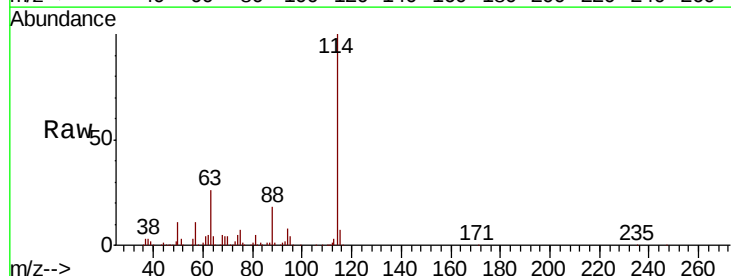
Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.02 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

Tgt Ion	114	Resp	2428972
Ion	Ratio	Lower	Upper
114	100		
63	26.6	22.6	33.8
88	18.6	15.4	23.0

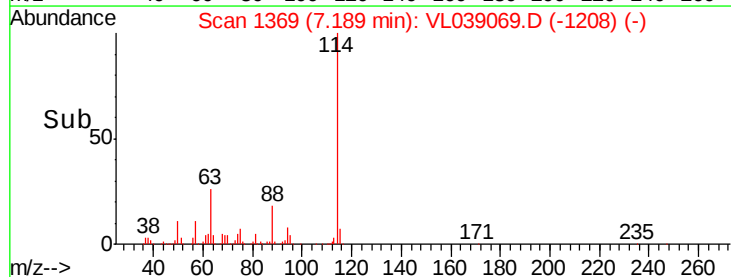
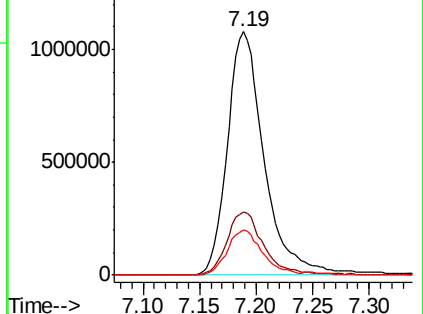


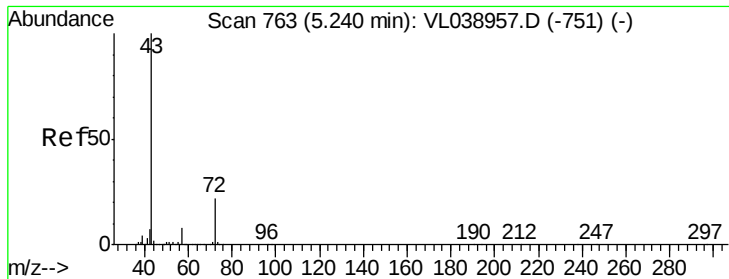
Abundance

Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

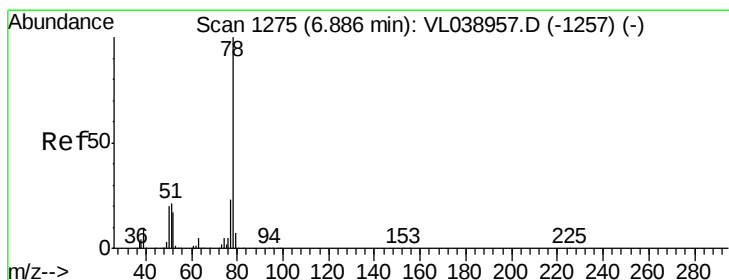
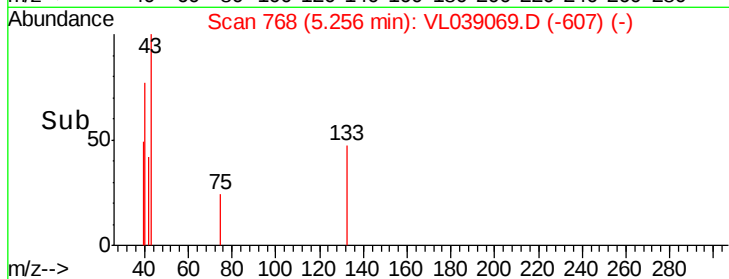
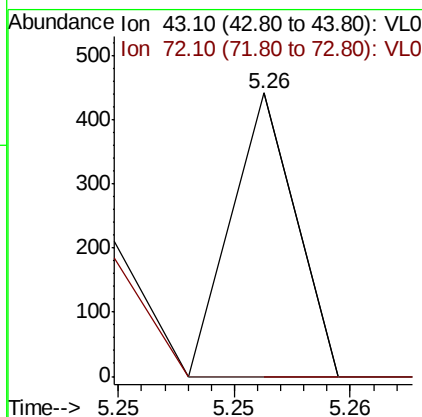
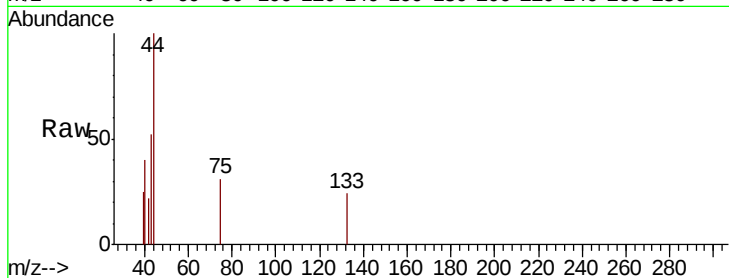
Ion 88.10 (87.80 to 88.80): VL0





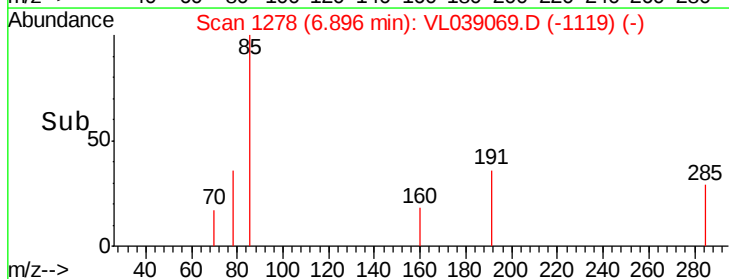
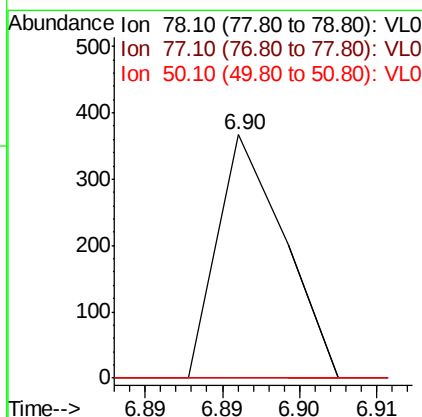
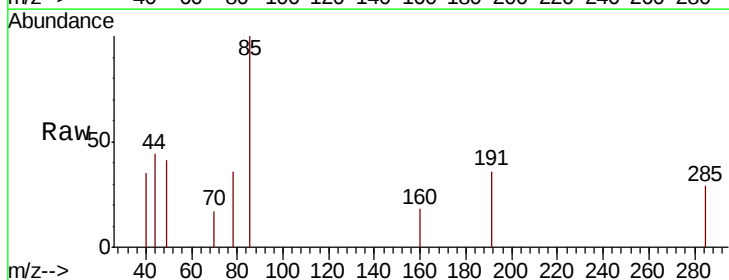
#34
2-Butanone
Concen: 0.001 ppbv
RT: 5.26
Delta R.T. MSVOA_L
Lab File: ClientSampled : VL0517ABL02
Acq: 17 May 2022 13:50

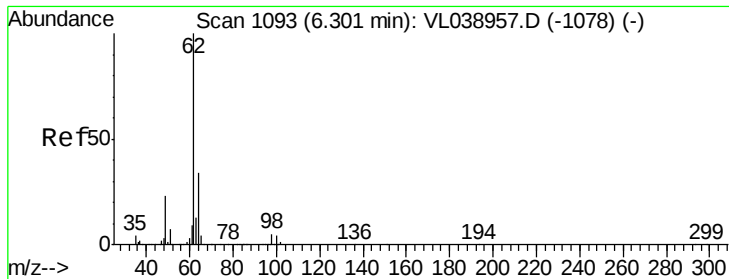
Tot Ion: 43 Resp: 85
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.6#



#36
Benzene
Concen: 0.001 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

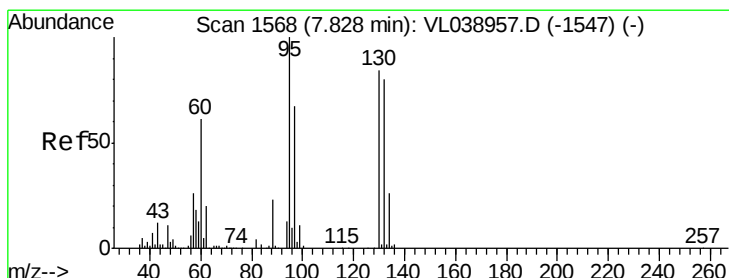
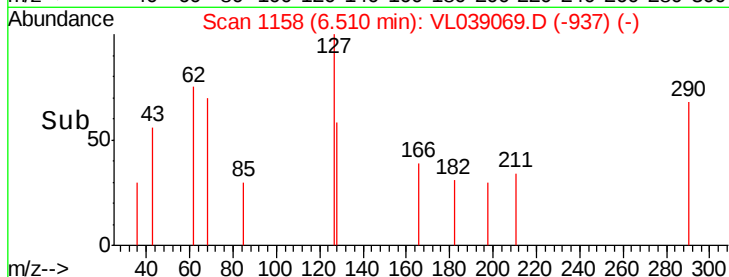
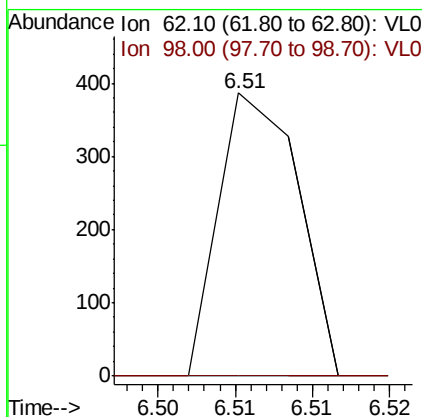
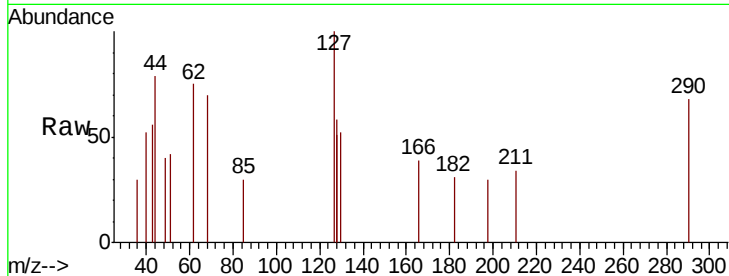
Tgt Ion: 78 Resp: 110
Ion Ratio Lower Upper
78 100
77 0.0 18.6 28.0#
50 0.0 15.6 23.4#





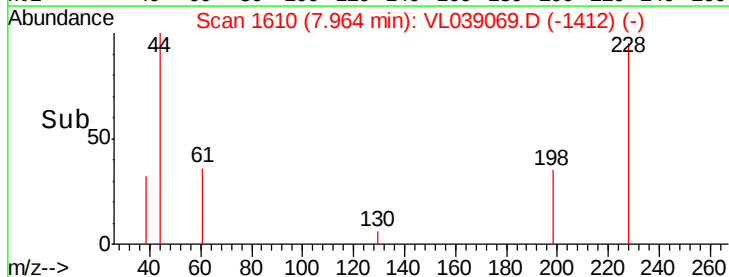
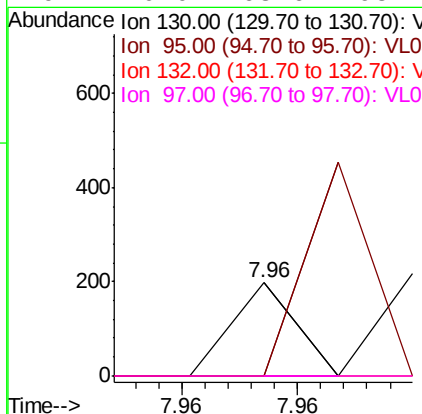
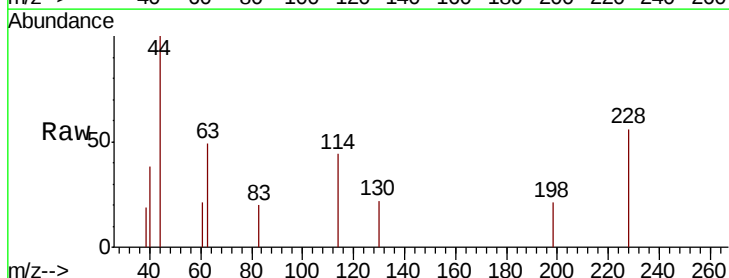
#37
 1,2-Dichloroethane
 Concen: 0.001 ppbv
 RT: 6.51
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0517ABL02
 Acq: 17 May 2022 13:50

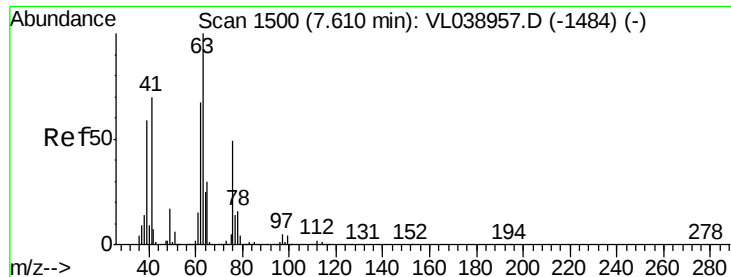
Tot Ion: 62 Resp: 138
 Ion Ratio Lower Upper
 62 100
 98 72.5 4.5 6.7#



#38
 Trichloroethene
 Concen: 0.000 ppbv
 RT: 7.96 min Scan# 1610
 Delta R.T. 0.14 min
 Lab File: VL039069.D
 Acq: 17 May 2022 13:50

Tgt Ion: 130 Resp: 38
 Ion Ratio Lower Upper
 130 100
 95 0.0 94.8 142.2#
 132 0.0 75.8 113.8#
 97 0.0 63.6 95.4#





#39

1,2-Dichloropropane

Concen: 0.079 ppbv

RT: 7.25 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0517ABL02

Acq: 17 May 2022 13:50

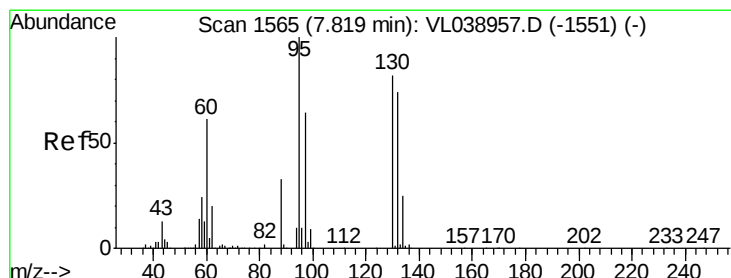
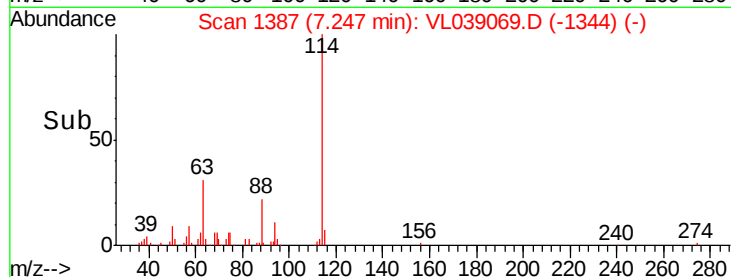
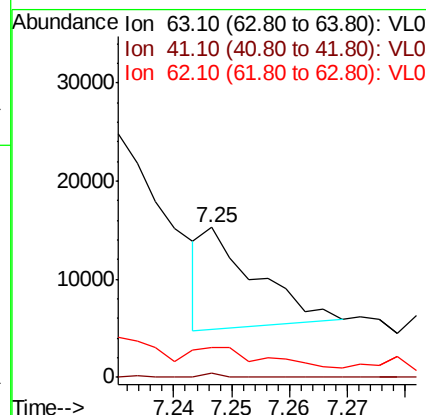
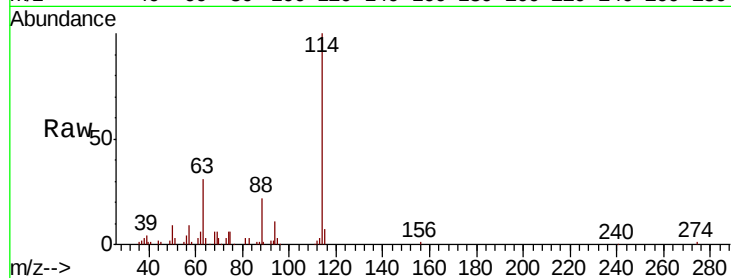
Tot Ion: 63 Resp: 6384

Ion Ratio Lower Upper

63 100

41 5.2 55.9 83.9#

62 22.8 53.8 80.6#



#40

1,4-Dioxane

Concen: 0.004 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. 0.03 min

Lab File: VL039069.D

Acq: 17 May 2022 13:50

Tgt Ion: 88 Resp: 105

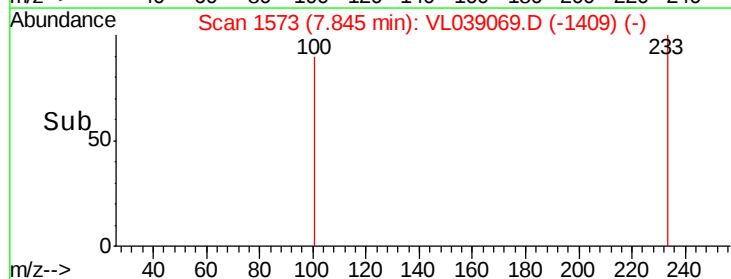
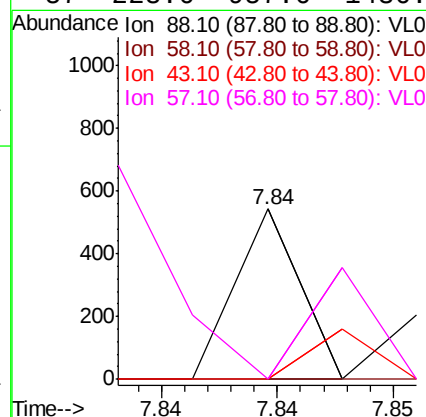
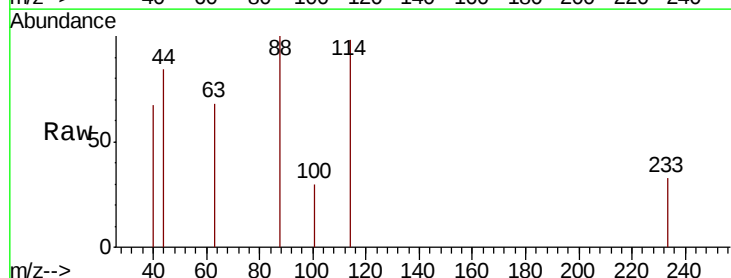
Ion Ratio Lower Upper

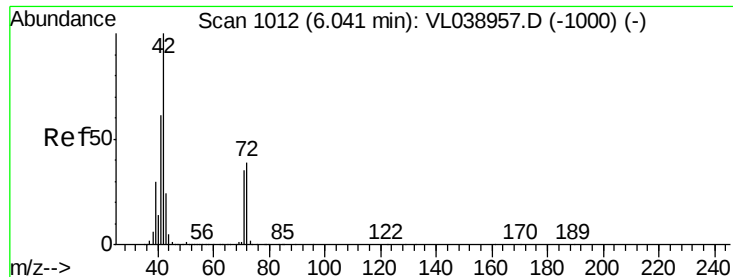
88 100

58 0.0 106.1 159.1#

43 186.7 222.9 334.3#

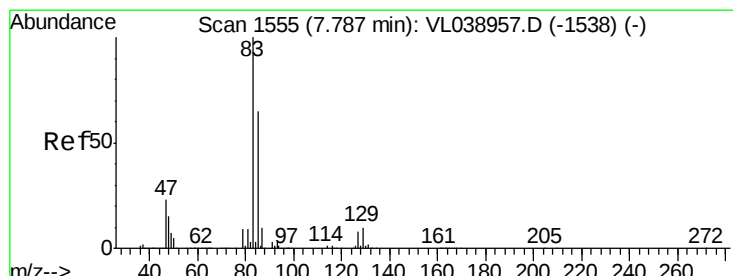
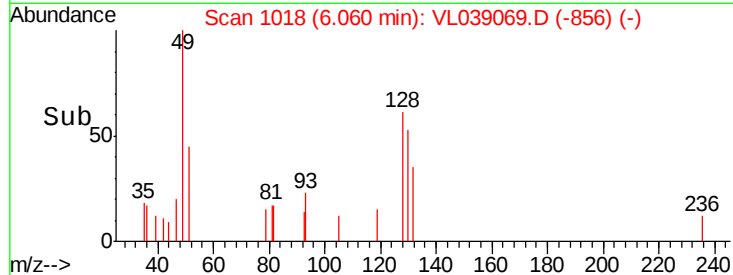
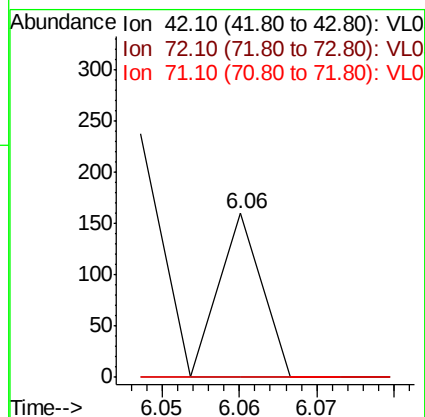
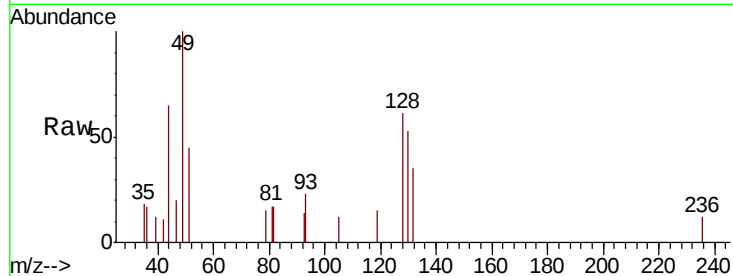
57 228.6 957.6 1436.4#





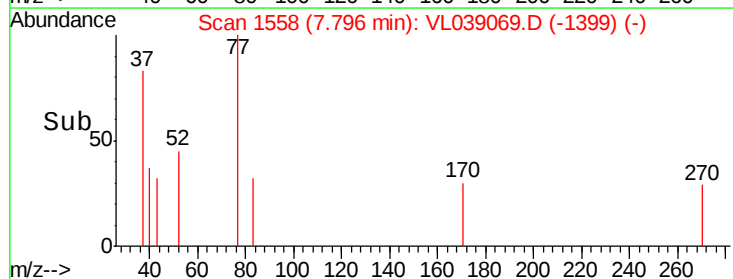
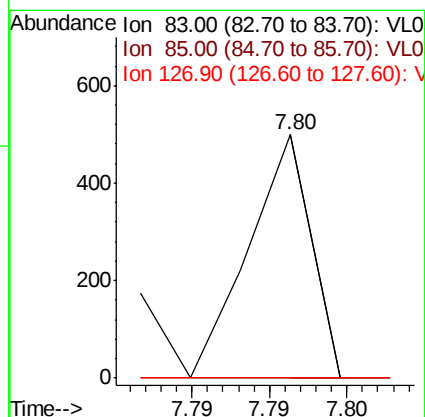
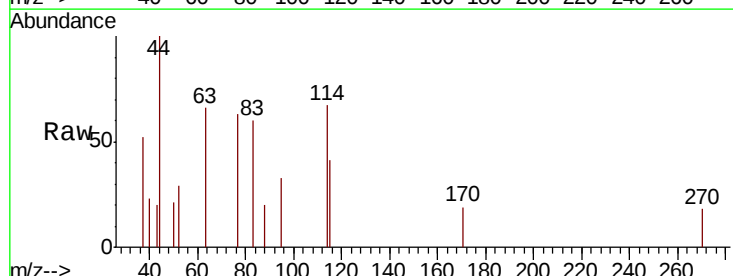
#41
Tetrahydrofuran
Concen: 0.000 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0517ABL02
Acq: 17 May 2022 13:50

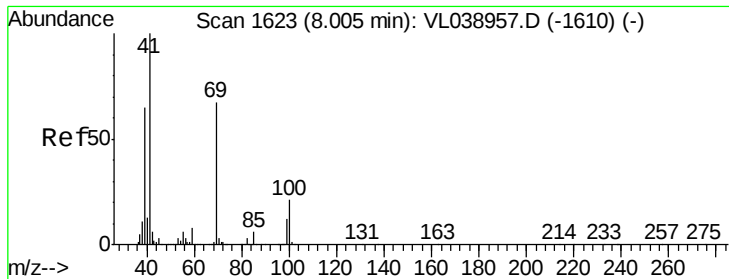
Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.6#
71	0.0	30.6	45.8#



#42
Bromodichloromethane
Concen: 0.001 ppbv
RT: 7.80 min Scan# 1558
Delta R.T.: 0.01 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

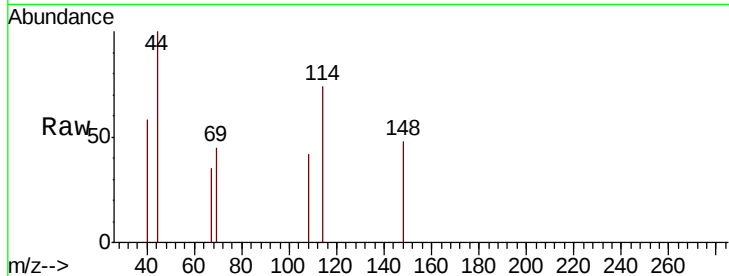
Tgt Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.0	78.0#
127	0.0	6.0	9.0#



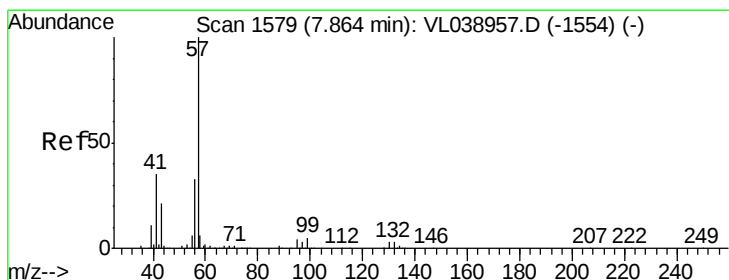
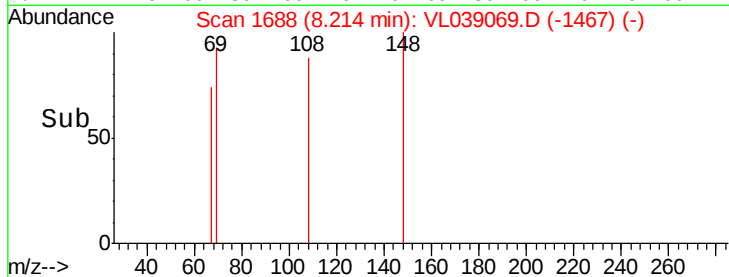
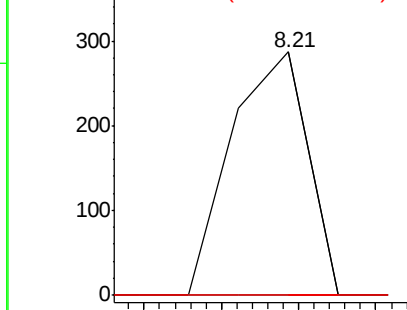


#43
Methvl Methacrilate
Concen: 0.001 ppbv
RT: 8.21
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0517ABL02
Acq: 17 May 2022 13:50

Tot Ion	Ratio	Lower	Upper
69	100		
41	41.8	121.9	182.9#
100	0.0	24.6	36.8#

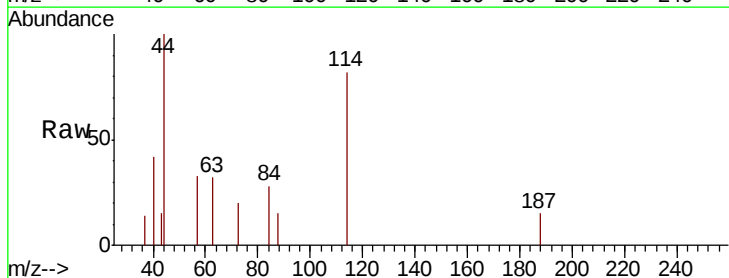


Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0

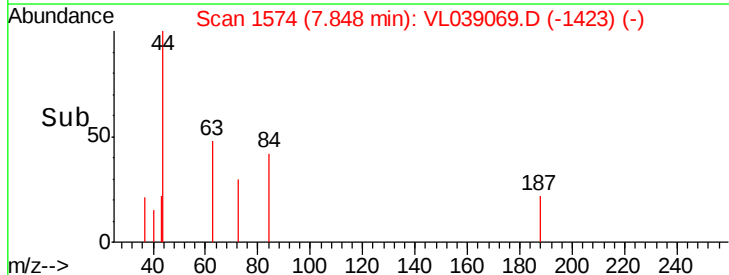
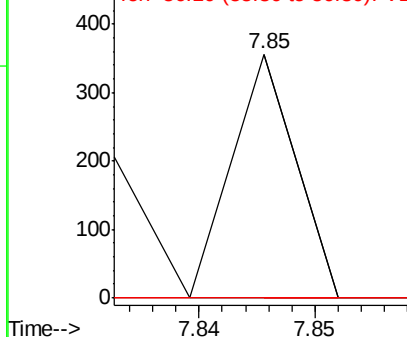


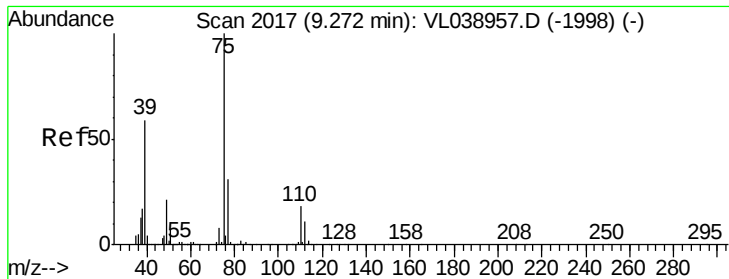
#44
2,2,4-Trimethylpentane
Concen: 0.000 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.02 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

Tgt Ion	Ratio	Lower	Upper
57	100		
41	0.0	26.3	39.5#
56	0.0	24.6	37.0#



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





#45

t-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 9.77 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

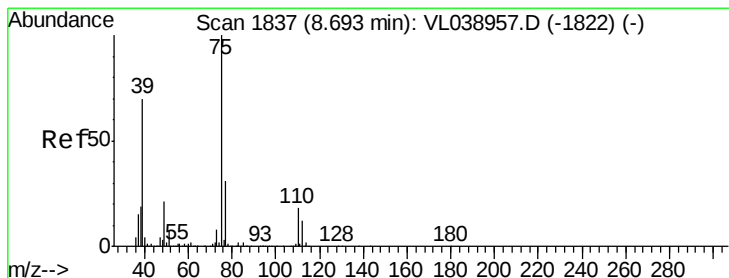
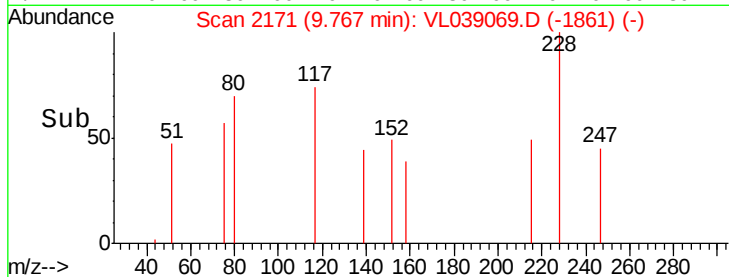
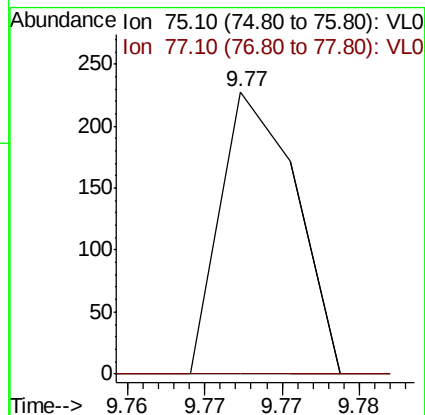
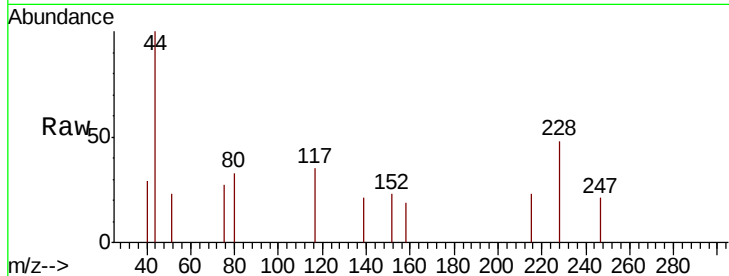
Acq: 17 May 2022 13:50 VL0517ABL02

Tot Ion: 75 Resp: 77

Ion Ratio Lower Upper

75 100

77 0.0 24.6 37.0#



#46

cis-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 8.68 min Scan# 1834

Delta R.T. -0.01 min

Lab File: VL039069.D

Acq: 17 May 2022 13:50

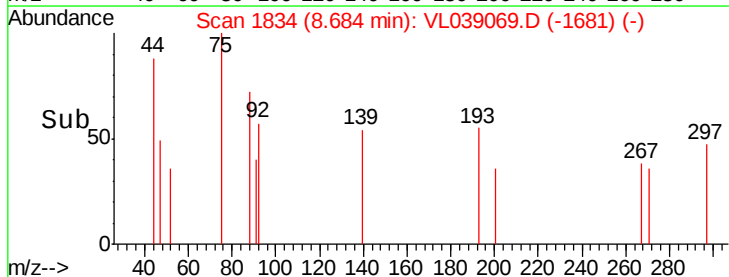
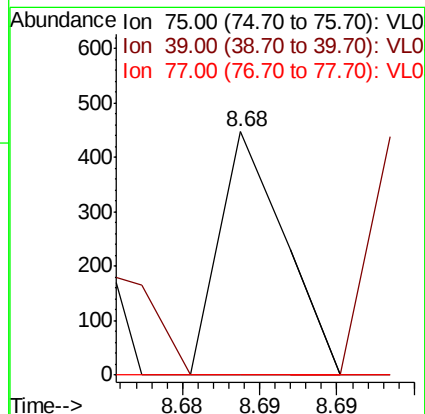
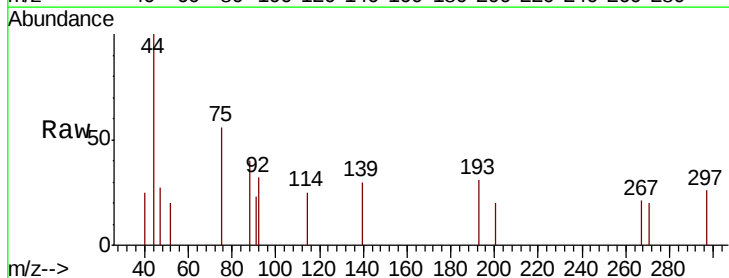
Tgt Ion: 75 Resp: 131

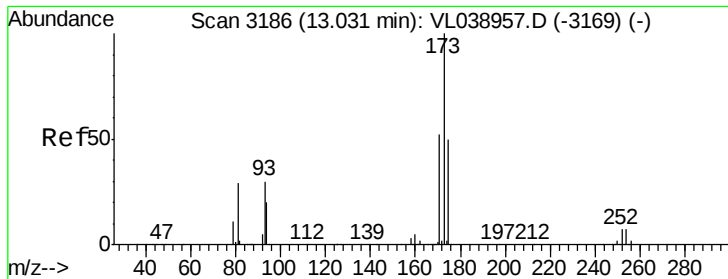
Ion Ratio Lower Upper

75 100

39 0.0 55.8 83.6#

77 0.0 24.8 37.2#





#49

Bromoform

Concen: 0.001 ppbv

RT: 13.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 May 2022 13:50

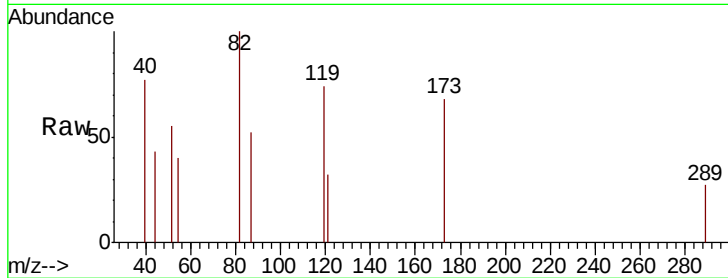
Tot Ion:173 Resp: 153

Ion Ratio Lower Upper

173 100

175 0.0 41.0 61.6#

171 57.5 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

13.14

400

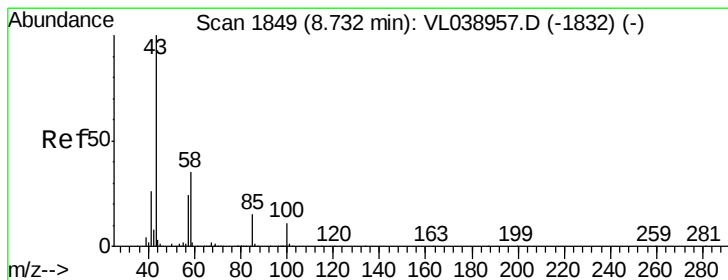
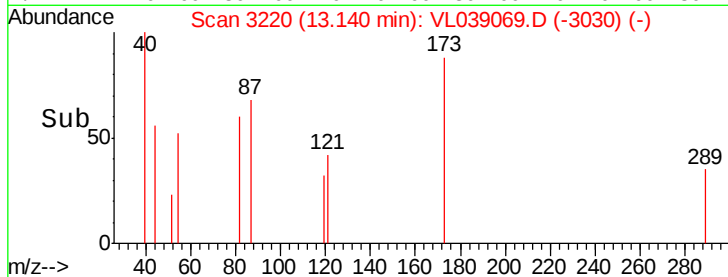
200

0

13.14

13.15

Time-->



#50

4-Methyl-2-Pentanone

Concen: 0.000 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. 0.00 min

Lab File: VL039069.D

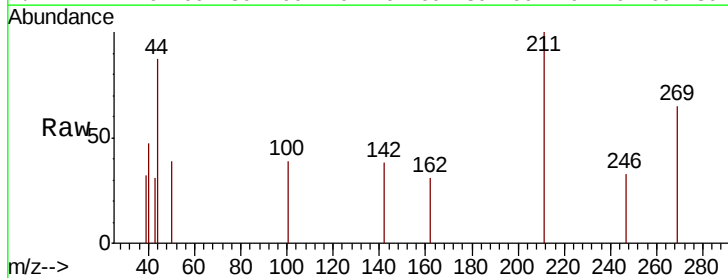
Acq: 17 May 2022 13:50

Tgt Ion: 43 Resp: 31

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

250

200

150

100

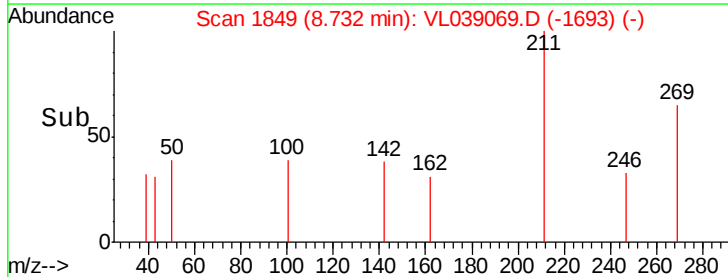
50

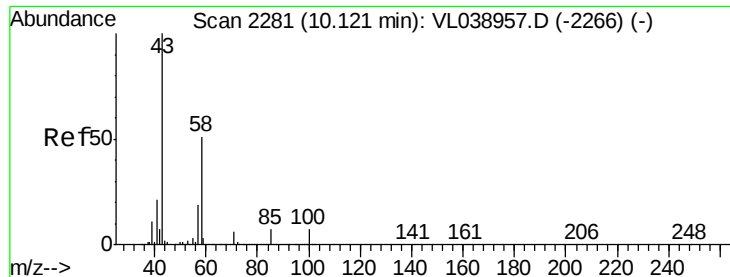
0

8.73

8.73

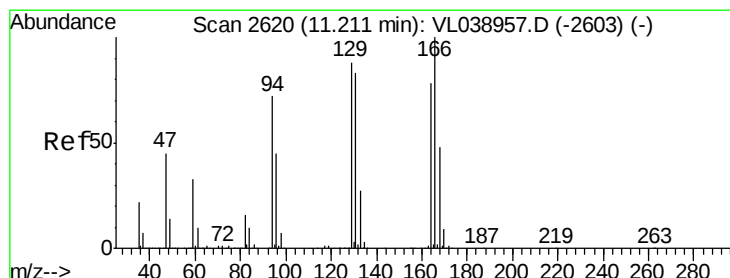
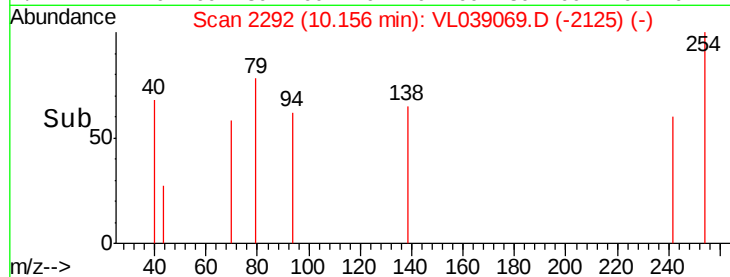
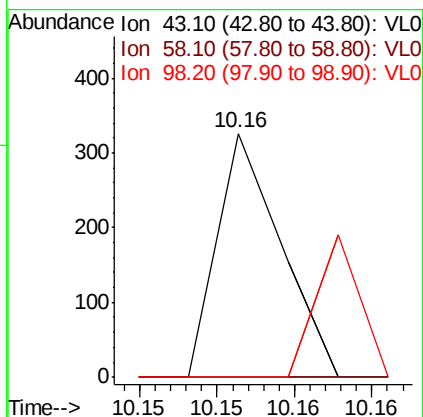
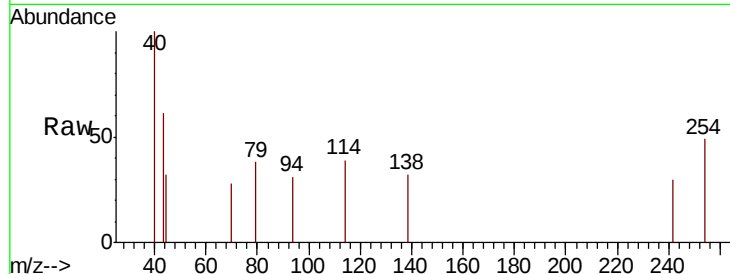
Time-->





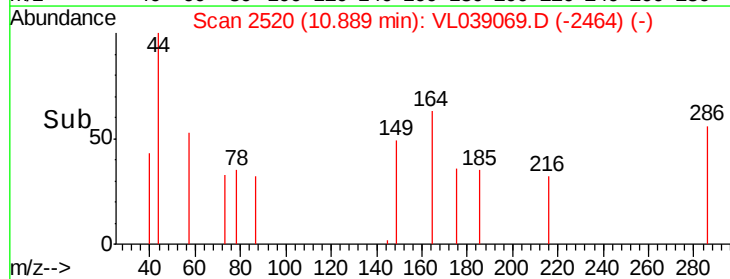
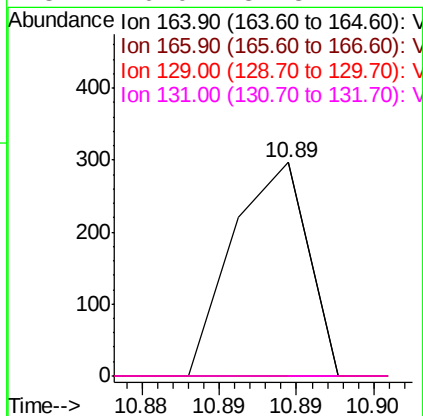
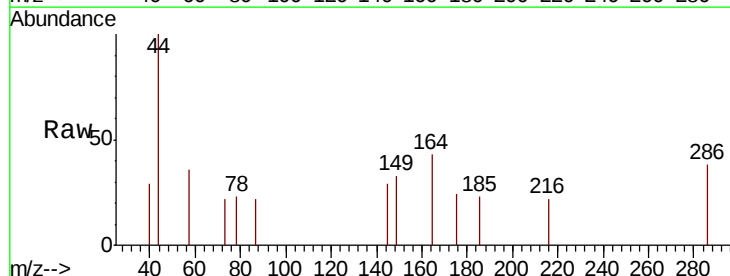
#51
2-Hexanone
Concen: 0.001 ppbv
RT: 10.16 min
Delta R.T. MSVOA_L
Lab File: ClientSampled : VL0517ABL02
Acq: 17 May 2022 13:50

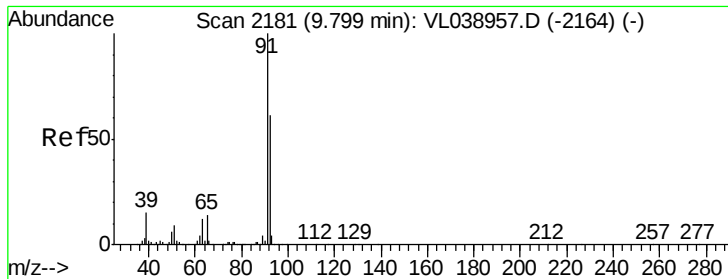
Tot Ion: 43 Resp: 92
Ion Ratio Lower Upper
43 100
58 0.0 39.3 58.9#
98 40.2 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.001 ppbv
RT: 10.89 min Scan# 2520
Delta R.T. -0.32 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

Tgt Ion: 164 Resp: 100
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: 0.000 ppbv

RT: 9.83 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0517ABL02

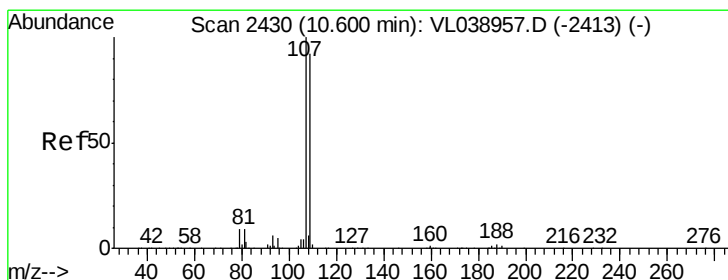
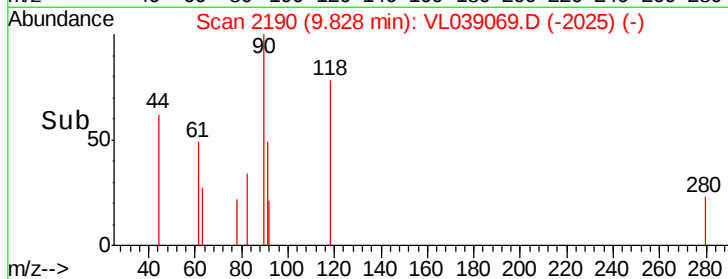
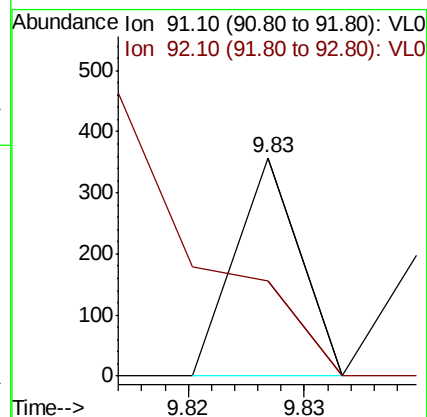
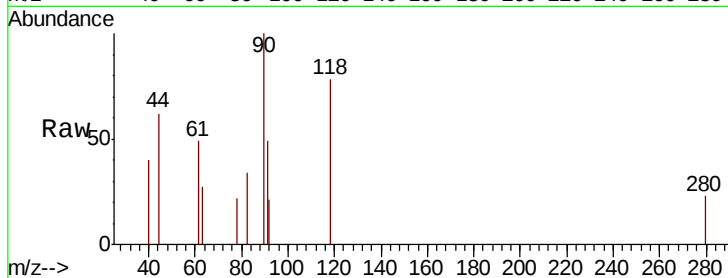
Acq: 17 May 2022 13:50

Tot Ion: 91 Resp: 69

Ion Ratio Lower Upper

91 100

92 447.8 48.2 72.2#



#54

1,2-Dibromoethane

Concen: 0.000 ppbv

RT: 10.77 min Scan# 2482

Delta R.T. 0.17 min

Lab File: VL039069.D

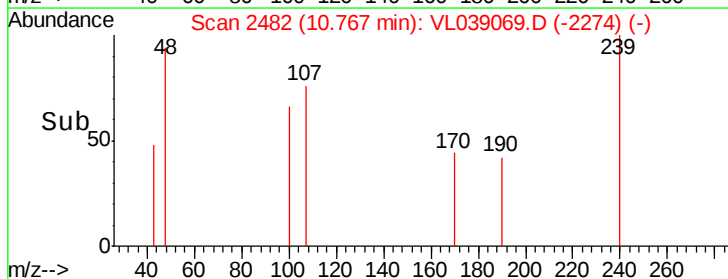
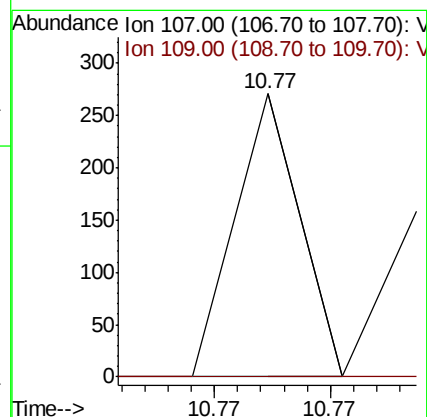
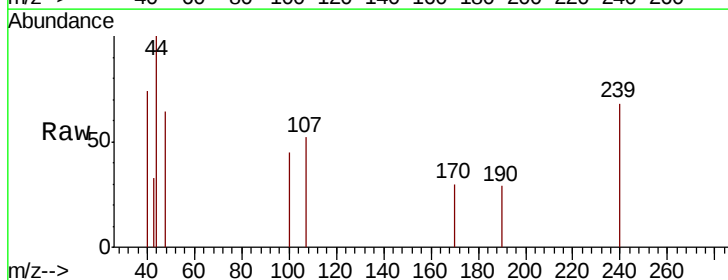
Acq: 17 May 2022 13:50

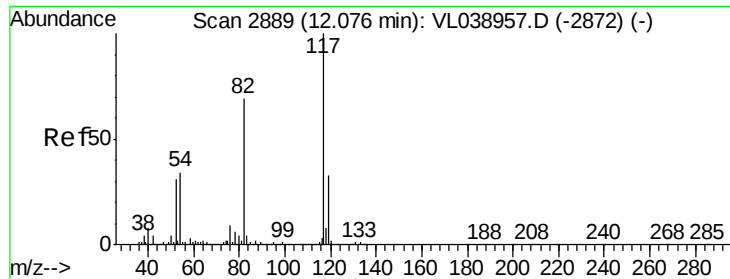
Tgt Ion: 107 Resp: 52

Ion Ratio Lower Upper

107 100

109 0.0 73.8 110.8#

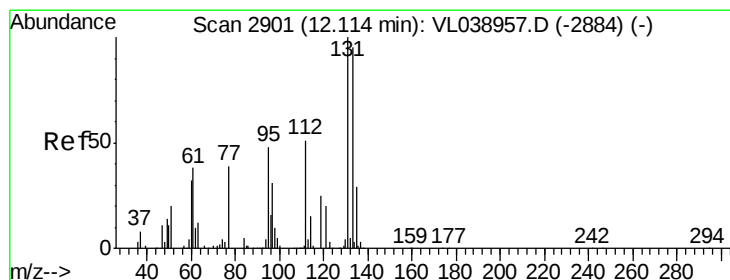
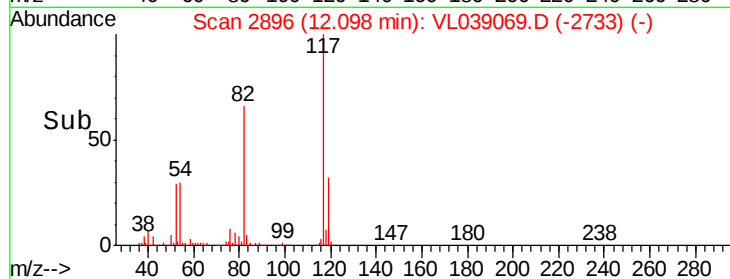
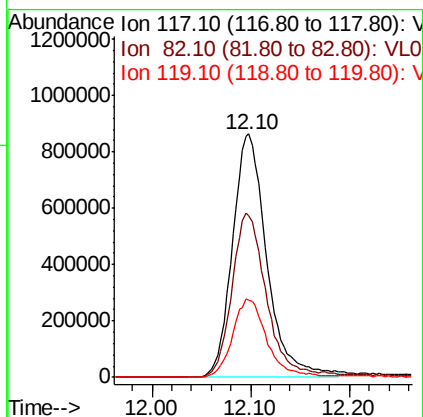
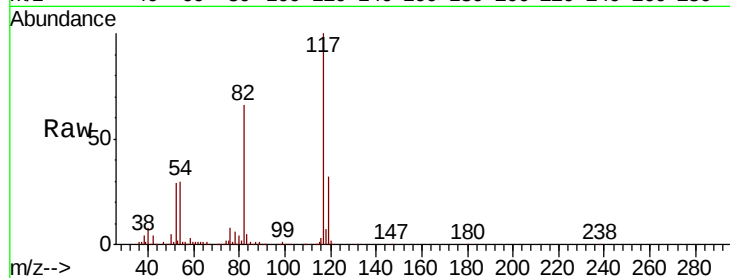




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0517ABL02
Acq: 17 May 2022 13:50

Tot Ion:117 Resp: 2094022

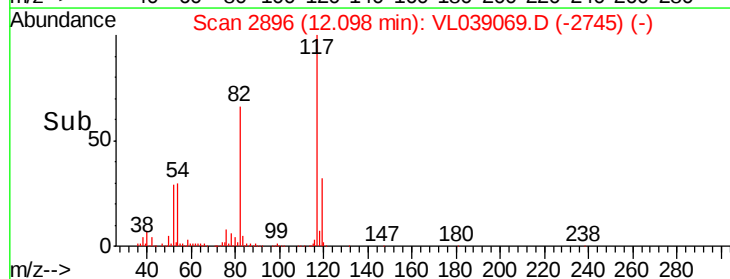
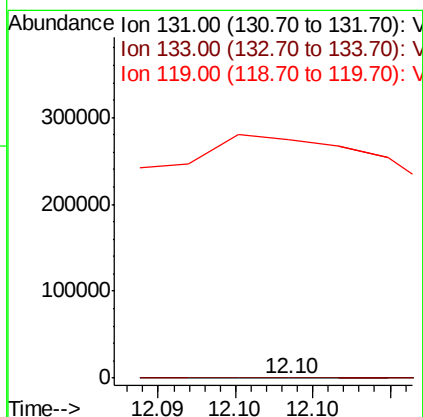
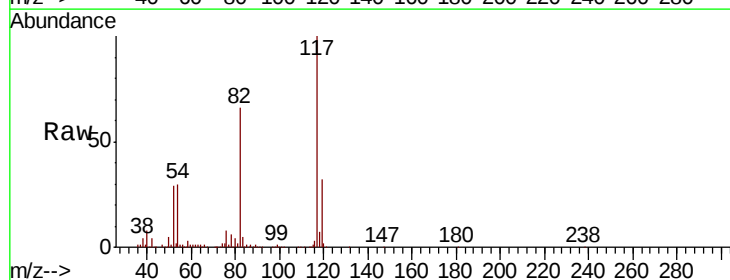
Ion	Ratio	Lower	Upper
117	100		
82	70.4	57.0	85.6
119	33.2	27.2	40.8

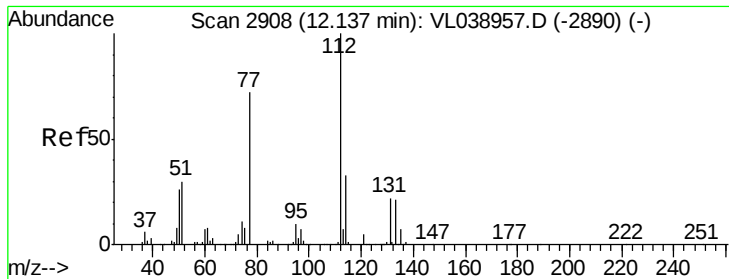


#56
1,1,1,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 12.10 min Scan# 2896
Delta R.T.: -0.02 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

Tgt Ion:131 Resp: 58

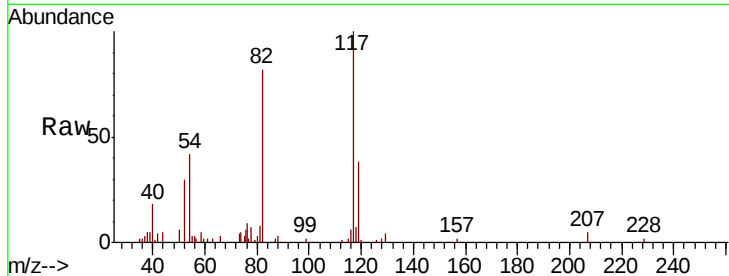
Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.9	115.3#
119	1199789.7	47.4	71.0#



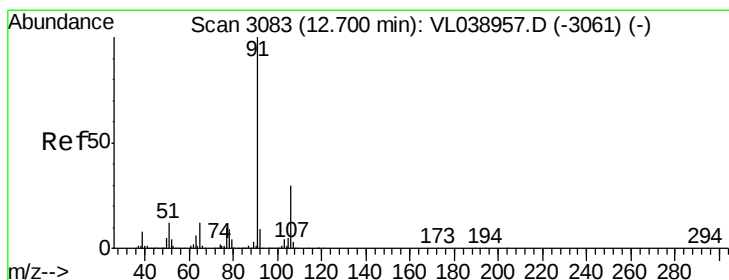
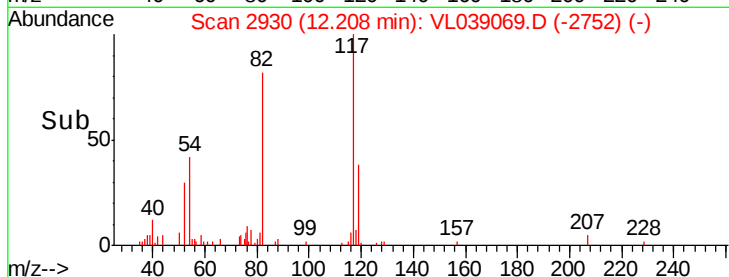
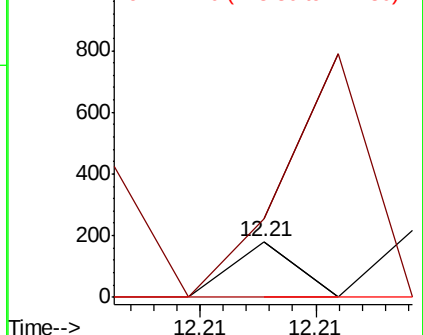


#57
Chlorobenzene
Concen: 0.000 ppbv
RT: 12.21 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId: VL0517ABL02
Acq: 17 May 2022 13:50

Tot Ion	Ratio	Lower	Upper
112	100		
77	0.0	57.7	86.5#
114	0.0	30.1	36.7#

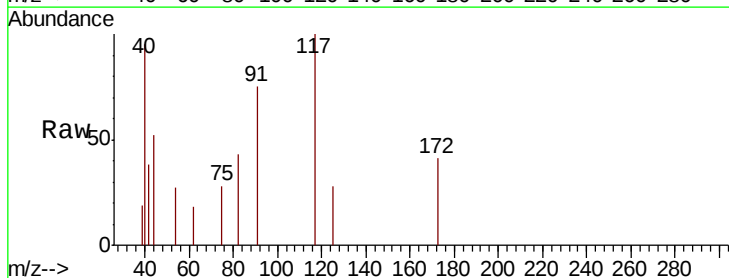


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

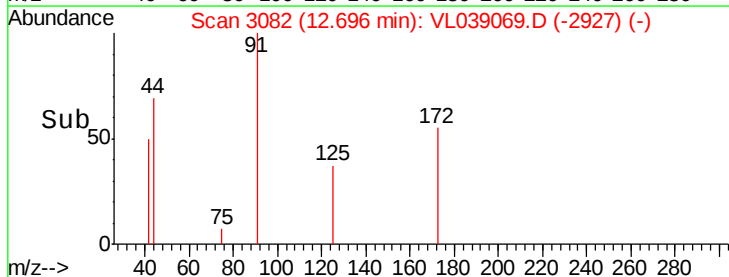
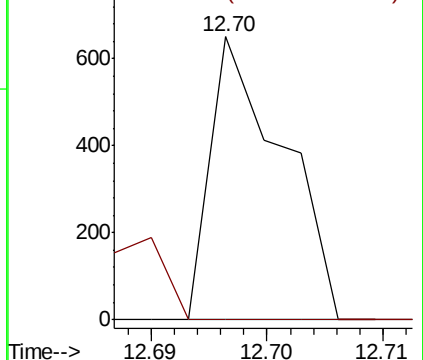


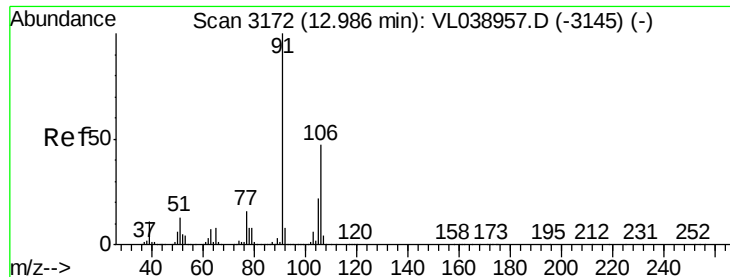
#58
Ethyl Benzene
Concen: 0.001 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.00 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	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: 0.000 ppbv

RT: 13.00 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

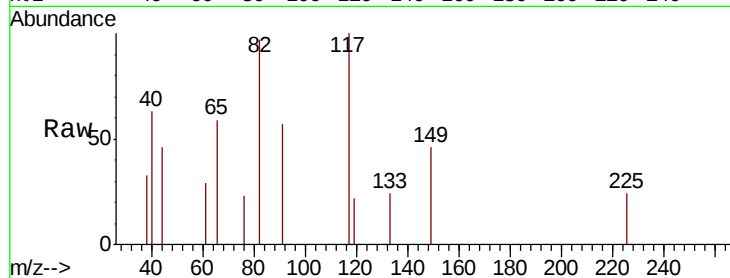
Acq: 17 May 2022 13:50

Tot Ion: 91 Resp: 110

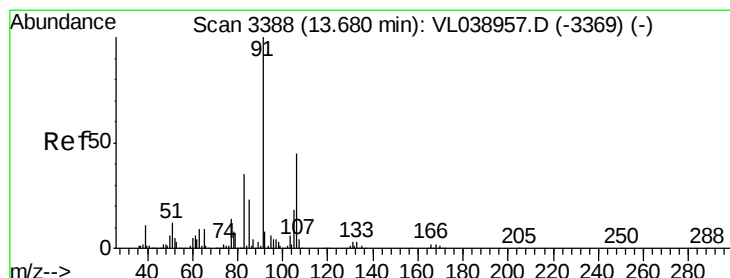
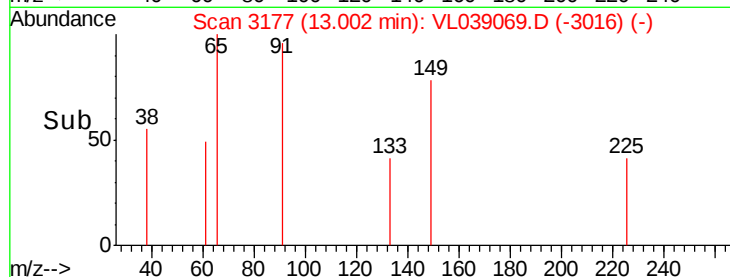
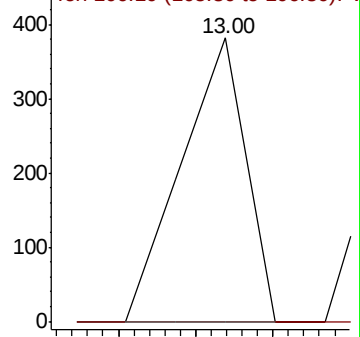
Ion Ratio Lower Upper

91 100

106 33.6 34.6 52.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0



#60

o-Xylene

Concen: 0.001 ppbv

RT: 14.01 min Scan# 3489

Delta R.T. 0.32 min

Lab File: VL039069.D

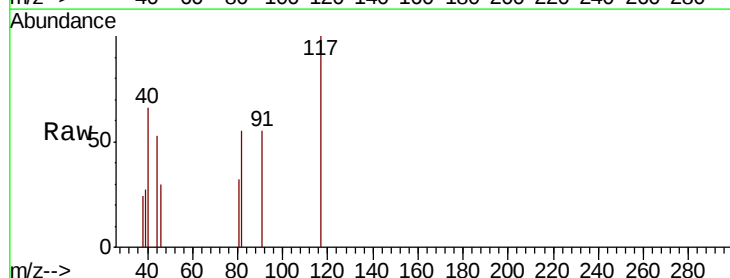
Acq: 17 May 2022 13:50

Tgt Ion: 91 Resp: 126

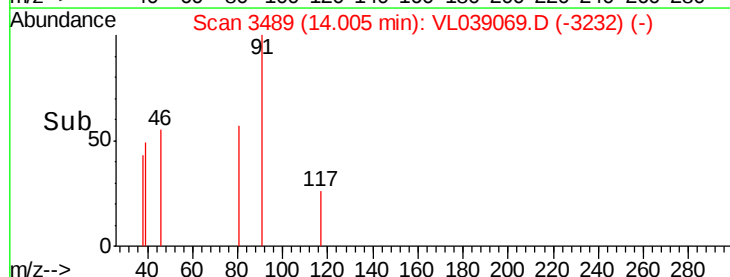
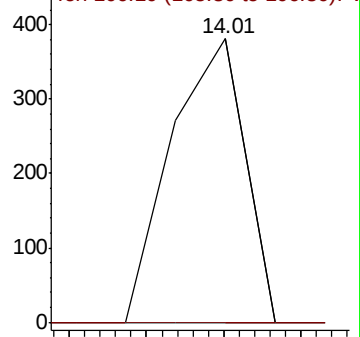
Ion Ratio Lower Upper

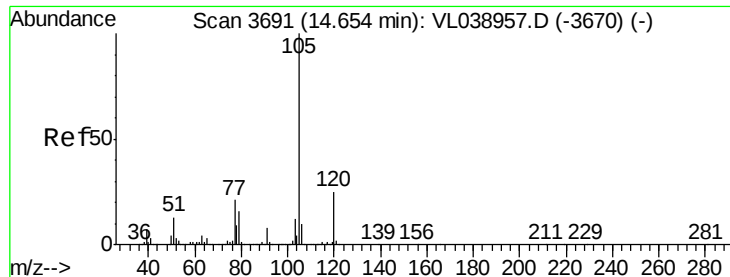
91 100

106 26.2 22.2 66.6



Abundance Ion 91.10 (90.80 to 91.80): VL0





#62

Isopropylbenzene

Concen: 0.001 ppbv

RT: 14.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

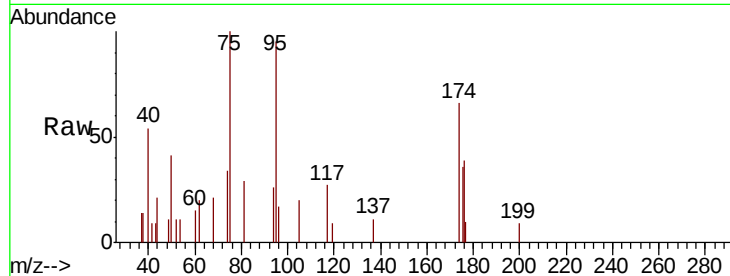
Acq: 17 May 2022 13:50

Tot Ion: 105 Resp: 184

Ion Ratio Lower Upper

105 100

120 39.1 20.5 30.7#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

14.68

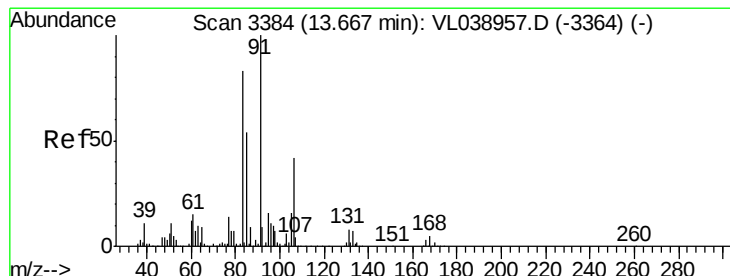
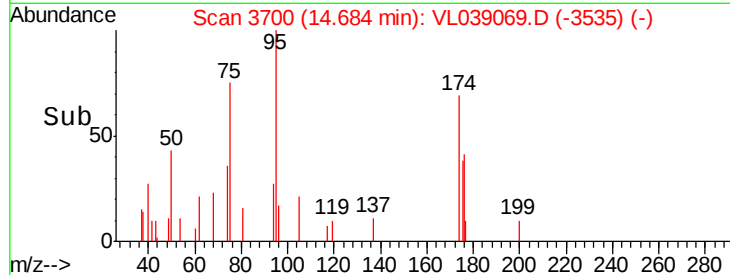
300

200

100

0

Time-->



#63

1,1,2,2-Tetrachloroethane

Concen: 0.001 ppbv

RT: 13.65 min Scan# 3380

Delta R.T. -0.01 min

Lab File: VL039069.D

Acq: 17 May 2022 13:50

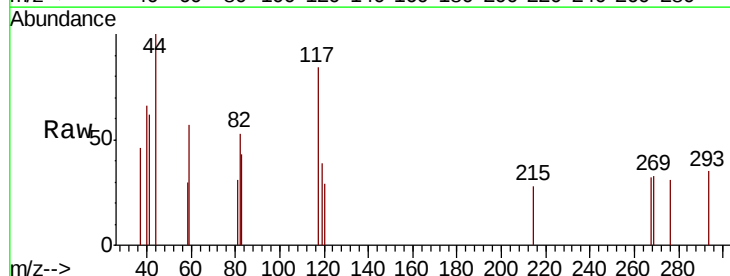
Tgt Ion: 83 Resp: 88

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

85 0.0 32.8 98.3#



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

300

250

200

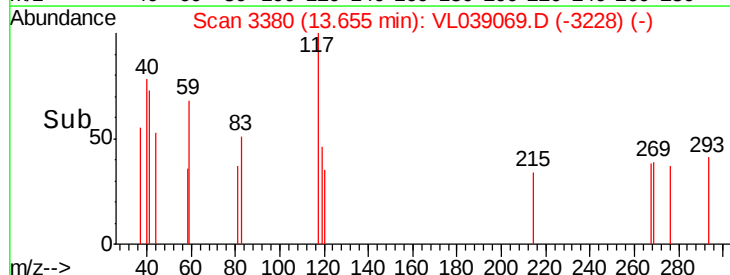
150

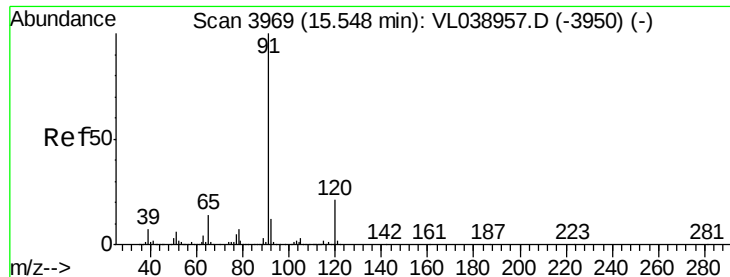
100

50

0

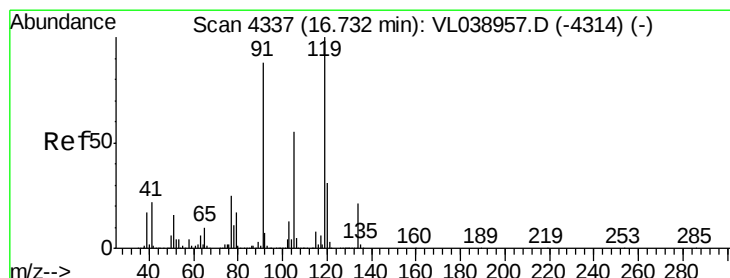
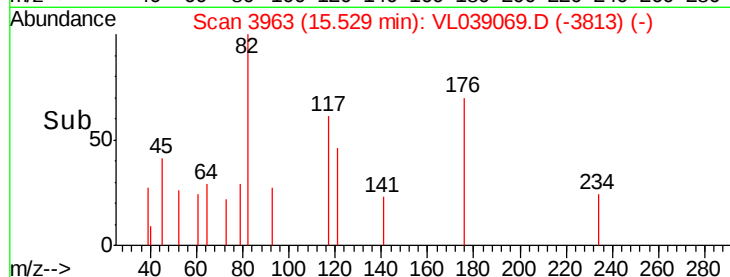
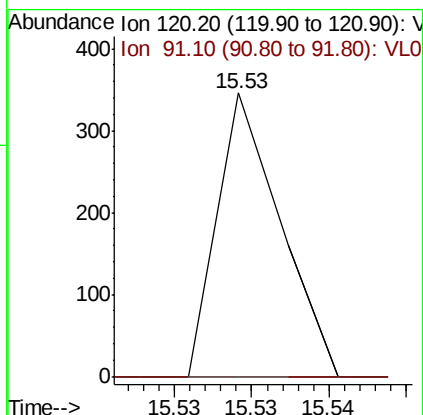
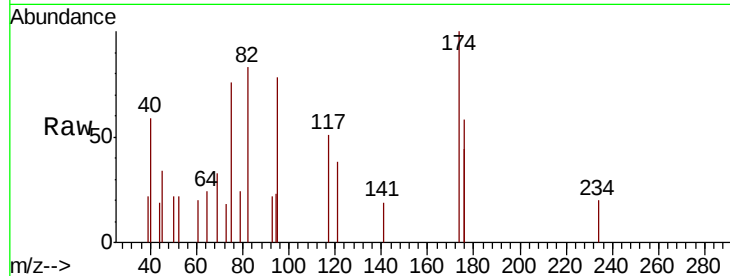
Time-->





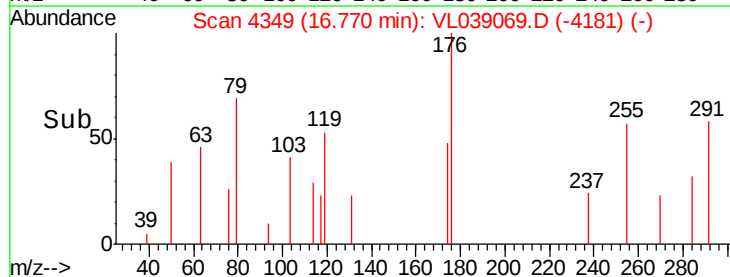
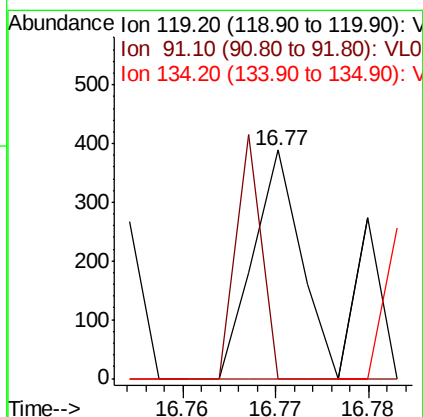
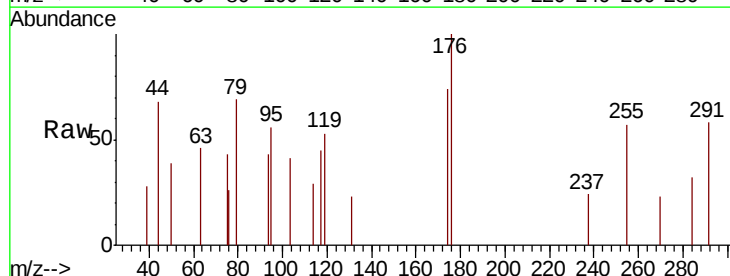
#64
n-propylbenzene
Concen: 0.001 ppbv
RT: 15.53 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0517ABL02
Acq: 17 May 2022 13:50

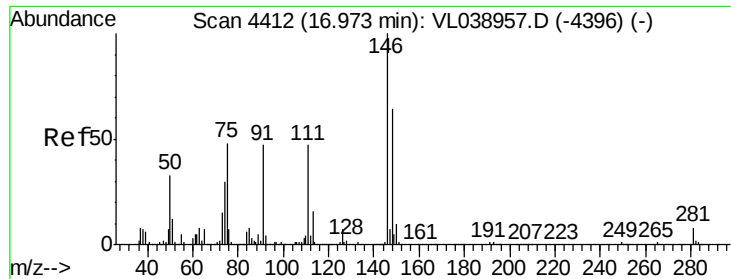
Tot Ion:120 Resp: 98
Ion Ratio Lower Upper
120 100
91 288.8 400.6 601.0#



#65
tert-Butylbenzene
Concen: 0.000 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. 0.04 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

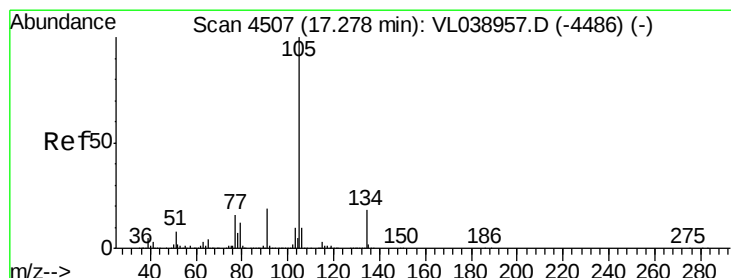
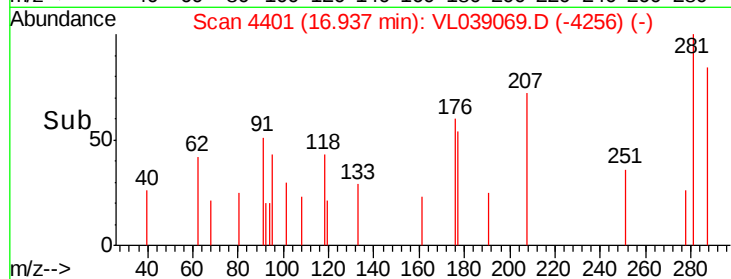
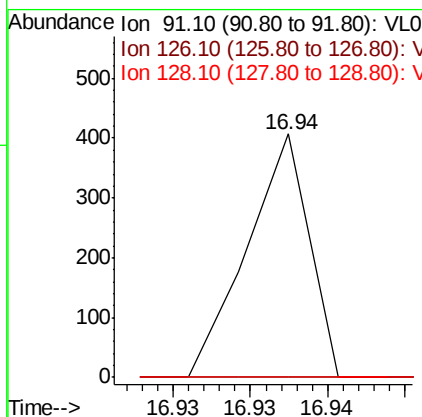
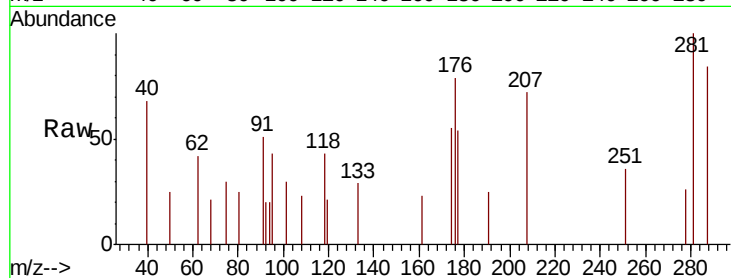
Tgt Ion:119 Resp: 141
Ion Ratio Lower Upper
119 100
91 0.0 69.4 104.2#
134 0.0 15.8 23.8#





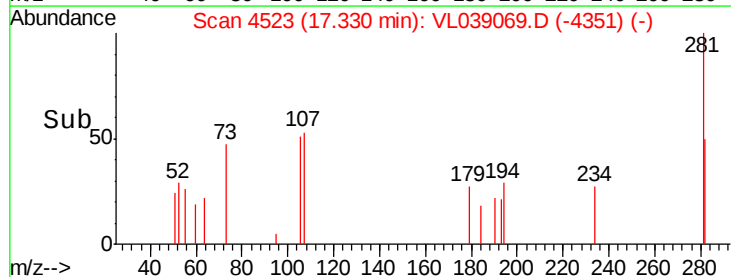
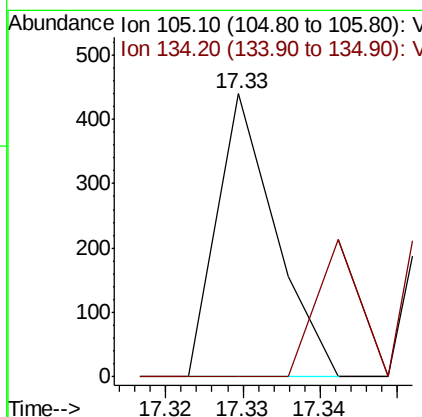
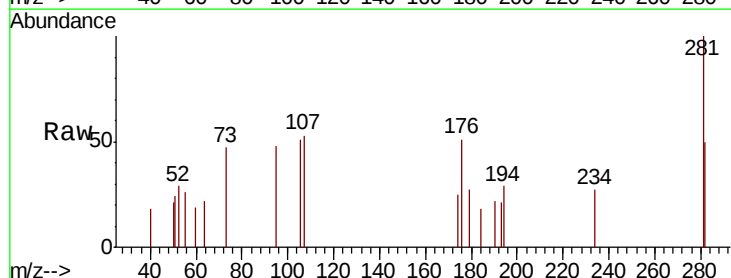
#66
Benzyl Chloride
Concen: 0.003 ppbv
RT: 16.94 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0517ABL02
Acq: 17 May 2022 13:50

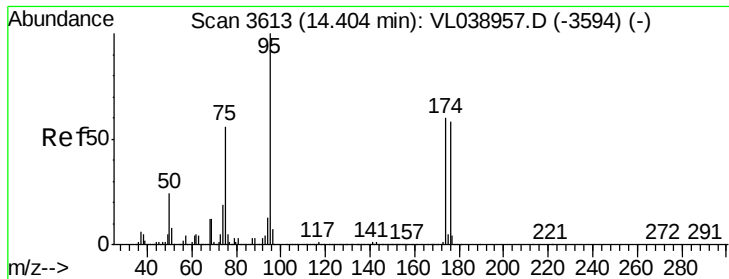
Tot Ion: 91 Resp: 113
Ion Ratio Lower Upper
91 100
126 1533.6 11.8 17.6#
128 26.5 4.2 6.2#



#67
sec-Butylbenzene
Concen: 0.000 ppbv
RT: 17.33 min Scan# 4523
Delta R.T.: 0.05 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

Tgt Ion: 105 Resp: 115
Ion Ratio Lower Upper
105 100
134 0.0 14.2 21.4#

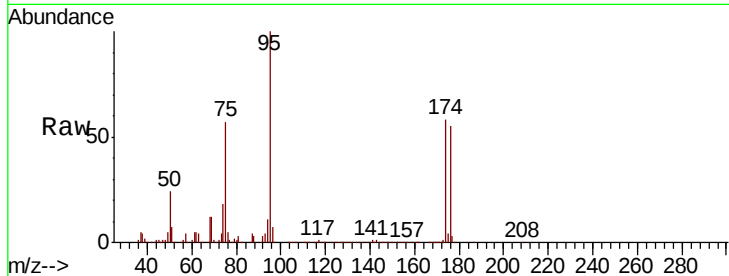




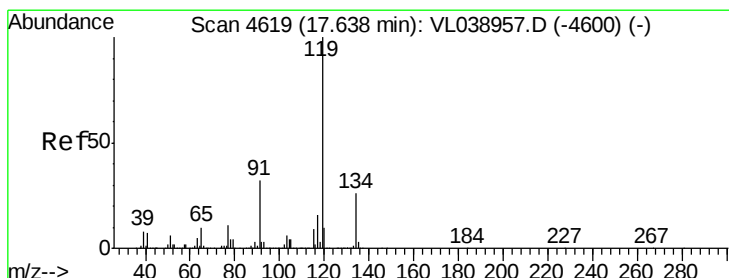
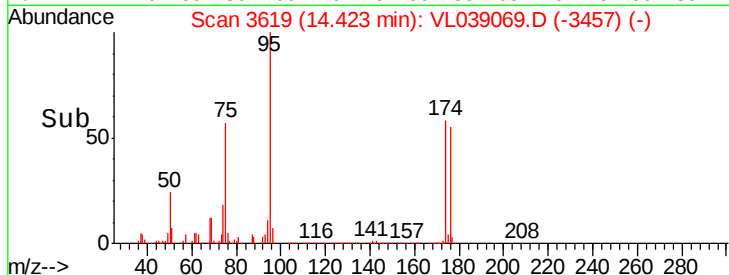
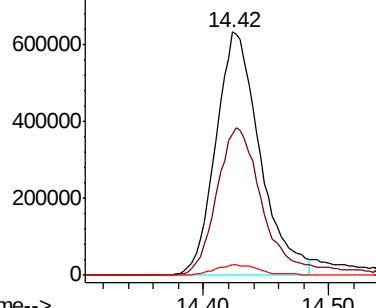
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.355 ppbv
 RT: 14.42 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0517ABL02
 Acq: 17 May 2022 13:50

Tot Ion: 95 Resp: 1551322

Ion	Ratio	Lower	Upper
95	100		
174	67.7	50.8	76.2
175	4.8	3.8	5.6



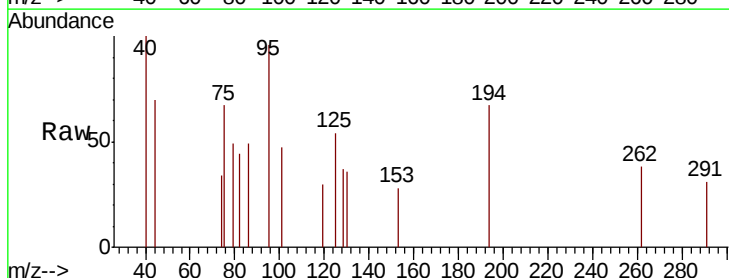
Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V



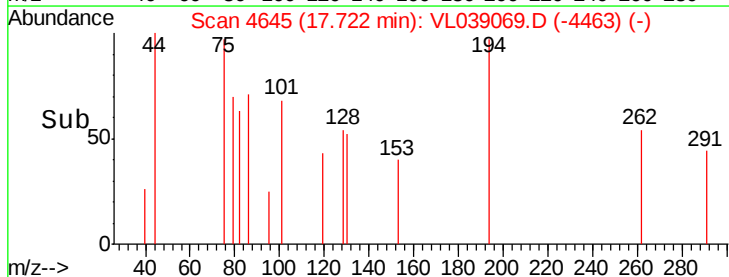
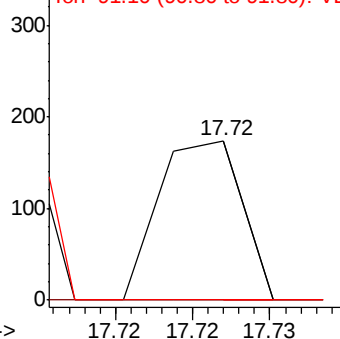
#69
 p-Isopropyltoluene
 Concen: 0.000 ppbv
 RT: 17.72 min Scan# 4645
 Delta R.T. 0.08 min
 Lab File: VL039069.D
 Acq: 17 May 2022 13:50

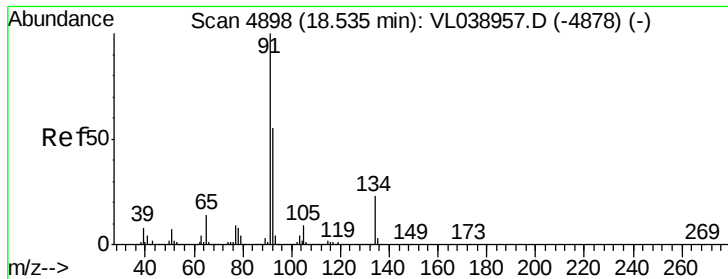
Tgt Ion: 119 Resp: 65

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.0	30.0#
91	78.5	24.8	37.2#



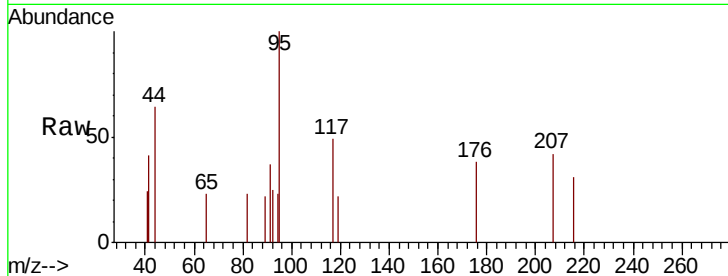
Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): VL0



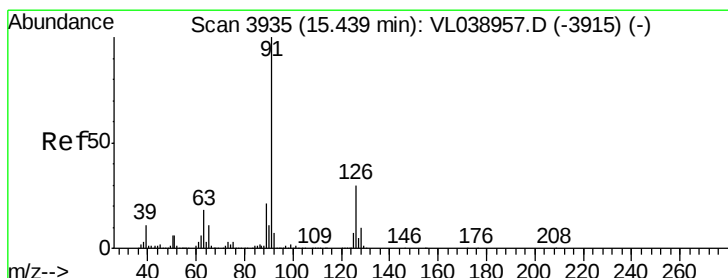
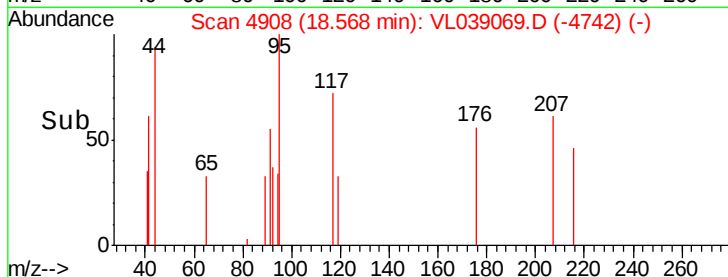
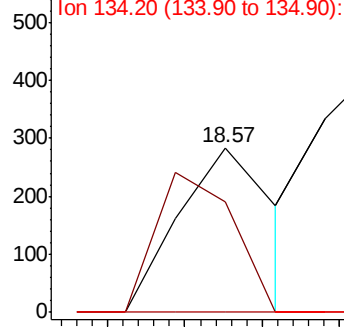


#70
n-Butylbenzene
Concen: 0.000 ppbv
RT: 18.57 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0517ABL02
Acq: 17 May 2022 13:50

Tot Ion: 91 Resp: 121
Ion Ratio Lower Upper
91 100
92 0.0 43.1 64.7#
134 0.0 17.0 25.4#

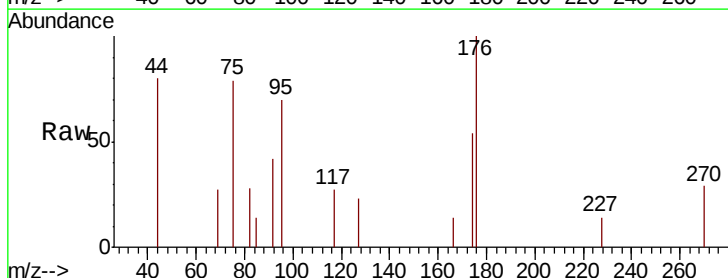


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0
Ion 134.20 (133.90 to 134.90): VL0

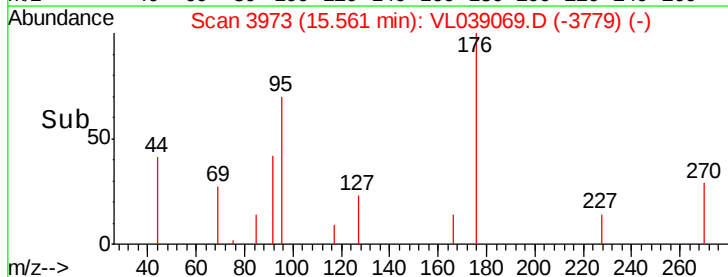
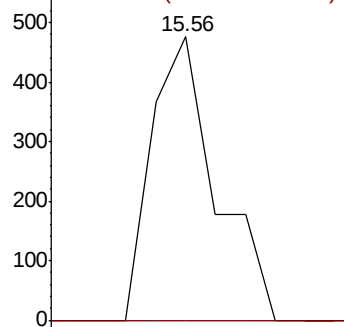


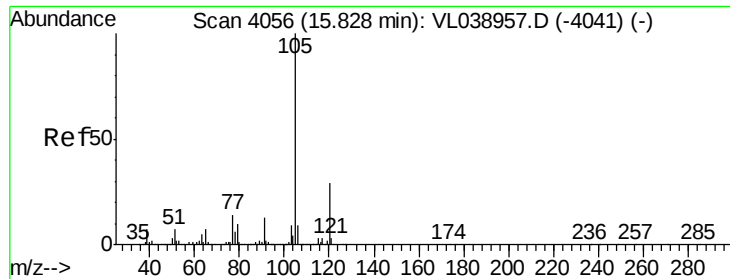
#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 15.56 min Scan# 3973
Delta R.T. 0.12 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

Tgt Ion: 91 Resp: 231
Ion Ratio Lower Upper
91 100
126 17.3 11.9 47.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): VL0





#72

4-Ethyltoluene

Concen: 0.000 ppbv

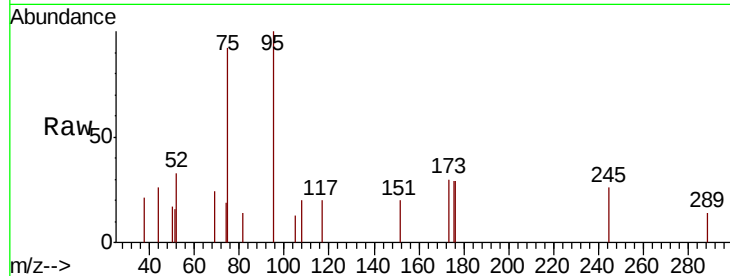
RT: 15.80 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 13:50

Tot Ion:	105	Resp:	66
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.4	35.0#
91	0.0	10.6	16.0#
77	174.2	12.5	18.7#

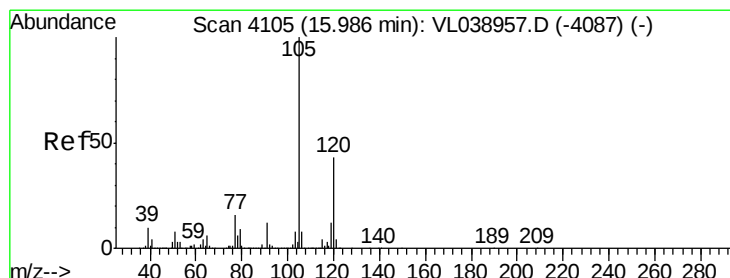
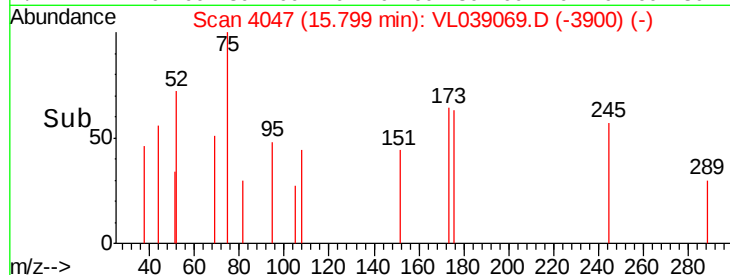
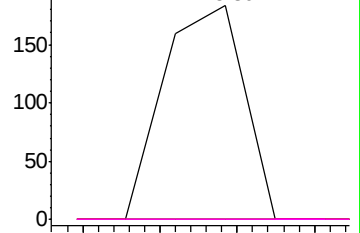


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.000 ppbv

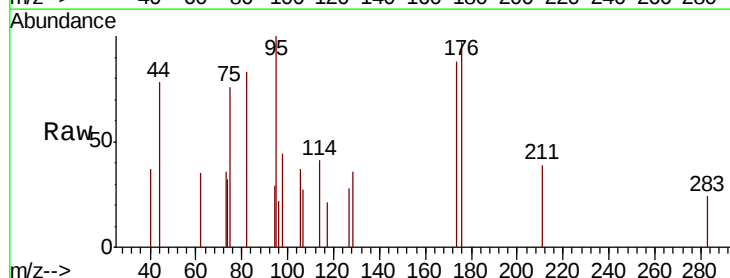
RT: 15.99 min Scan# 4107

Delta R.T. 0.01 min

Lab File: VL039069.D

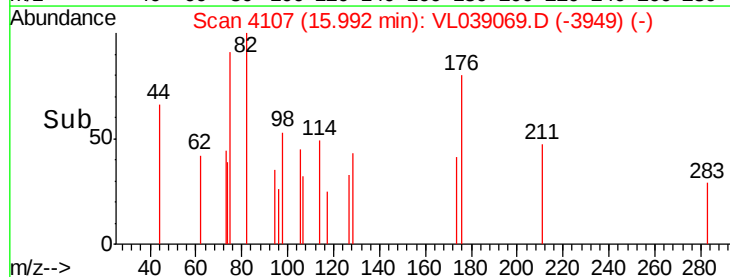
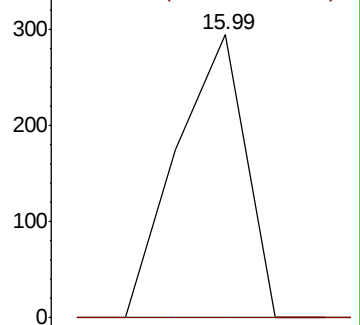
Acq: 17 May 2022 13:50

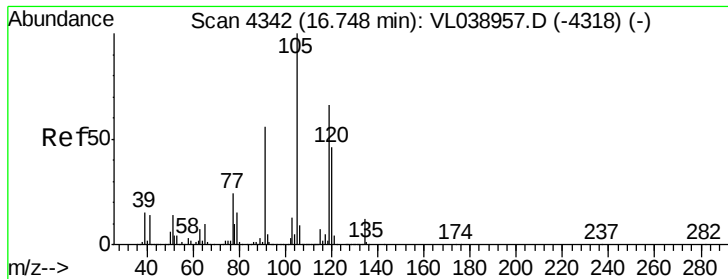
Tgt Ion:	105	Resp:	91
Ion	Ratio	Lower	Upper
105	100		
120	0.0	34.4	51.6#



Abundance Ion 105.10 (104.80 to 105.80): V

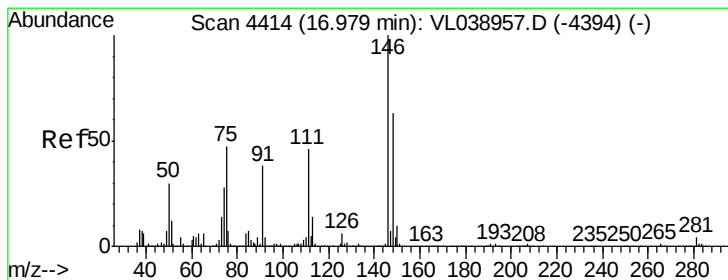
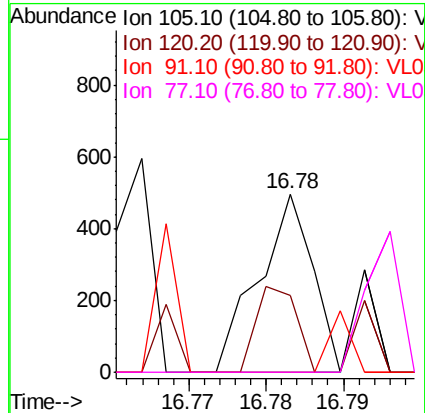
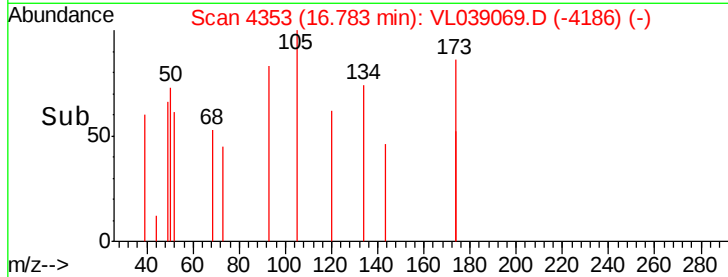
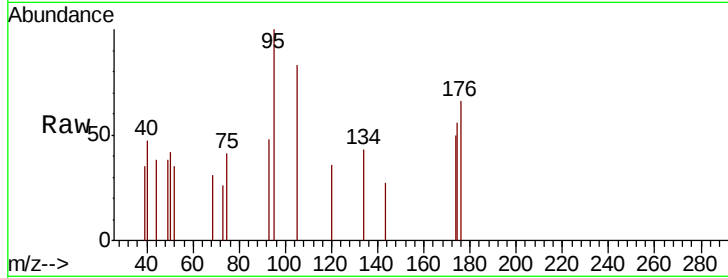
Ion 120.20 (119.90 to 120.90): V





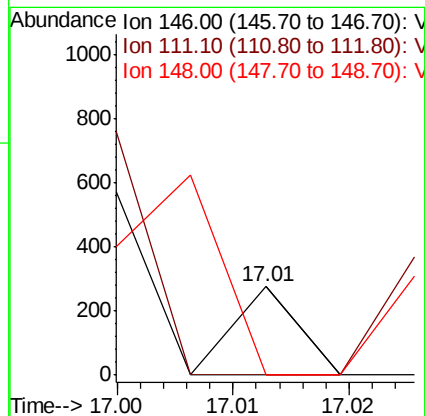
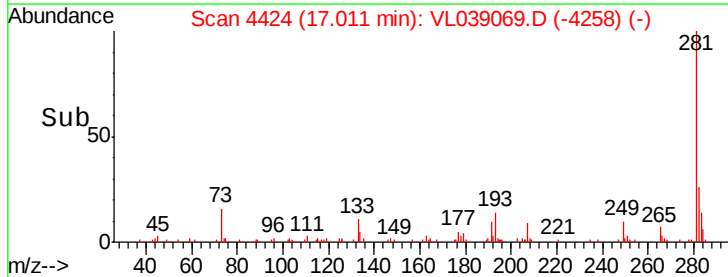
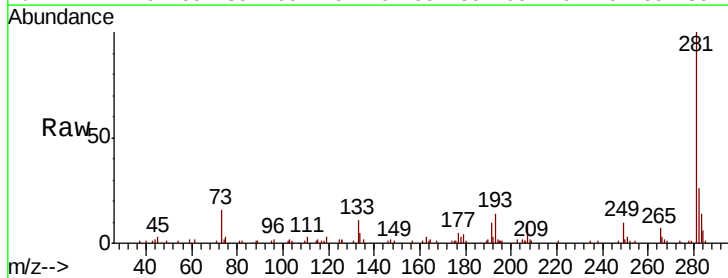
#74
 1,2,4-Trimethylbenzene
 Concen: 0.001 ppbv
 RT: 16.78 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL0517ABL02
 Acq: 17 May 2022 13:50

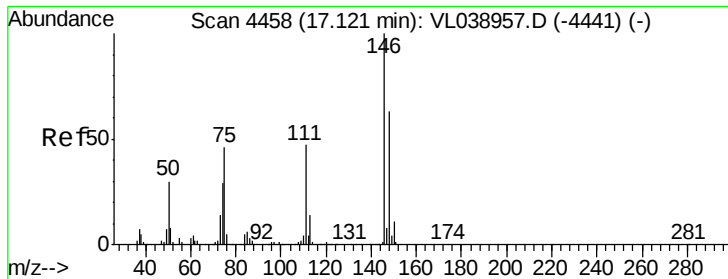
Tot Ion:	105	Resp:	243
Ion	Ratio	Lower	Upper
105	100		
120	42.9	36.9	55.3
91	0.0	45.0	67.4#
77	0.0	19.2	28.8#



#75
 1,3-Dichlorobenzene
 Concen: 0.000 ppbv
 RT: 17.01 min Scan# 4424
 Delta R.T. 0.03 min
 Lab File: VL039069.D
 Acq: 17 May 2022 13:50

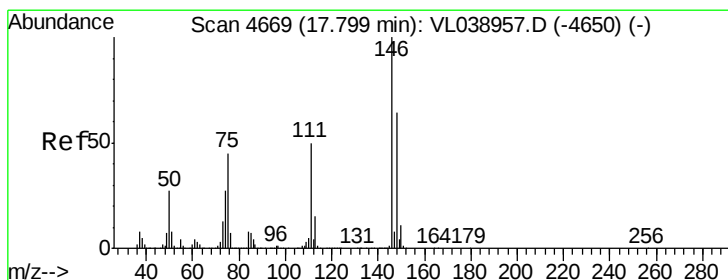
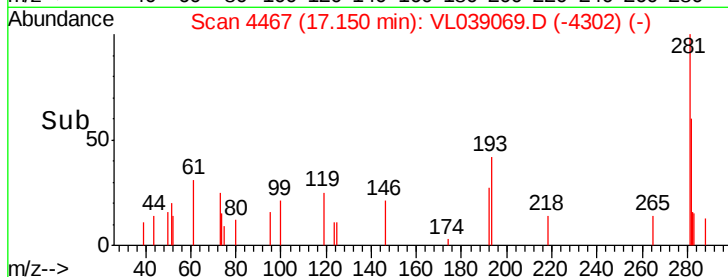
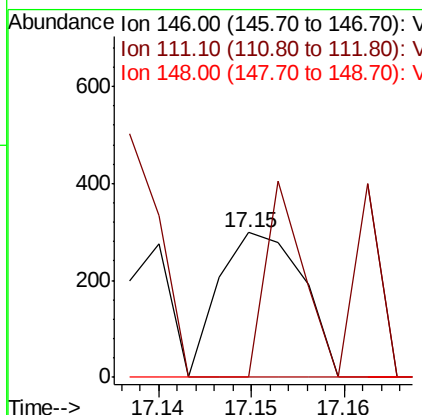
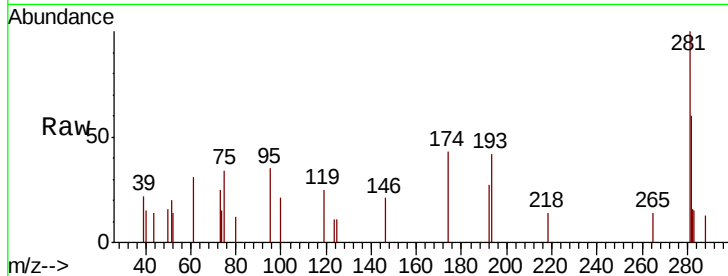
Tgt Ion:	146	Resp:	53
Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.1	72.2#
148	1420.8	32.4	97.2#





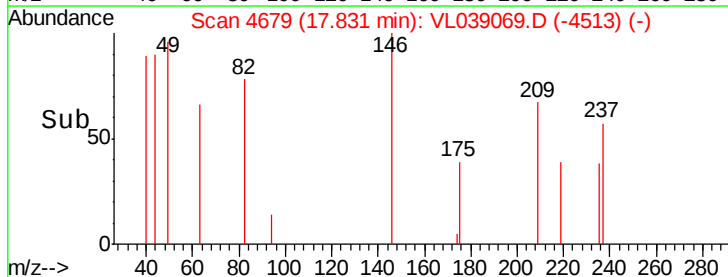
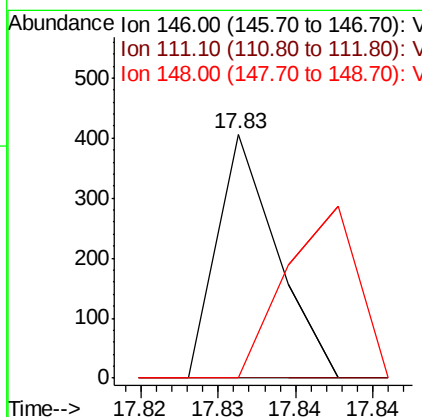
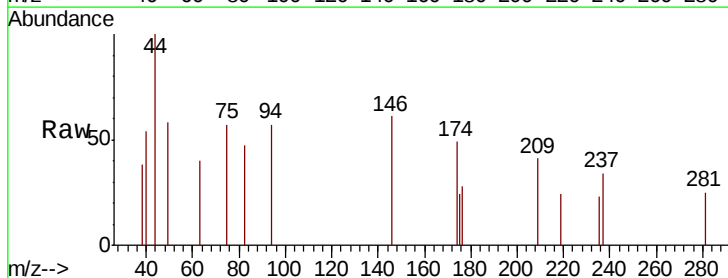
#76
 1,4-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.15 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled:
 VL0517ABL02
 Acq: 17 May 2022 13:50

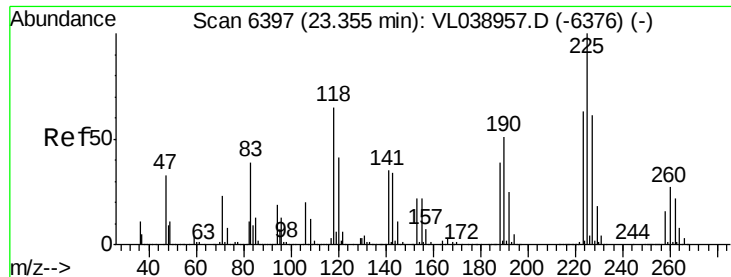
Tot Ion:146 Resp: 188
 Ion Ratio Lower Upper
 146 100
 111 0.0 23.6 71.0#
 148 0.0 32.2 96.6#



#77
 1,2-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.83 min Scan# 4679
 Delta R.T. 0.03 min
 Lab File: VL039069.D
 Acq: 17 May 2022 13:50

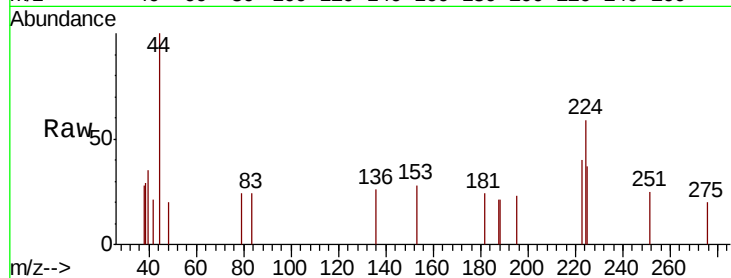
Tgt Ion:146 Resp: 108
 Ion Ratio Lower Upper
 146 100
 111 0.0 25.3 75.9#
 148 153.7 32.3 96.9#



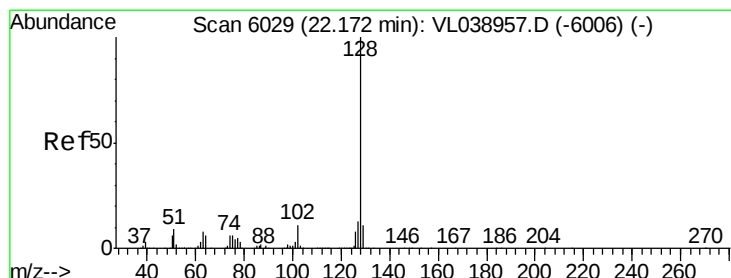
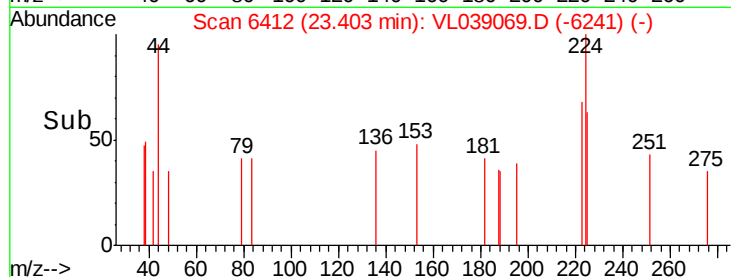
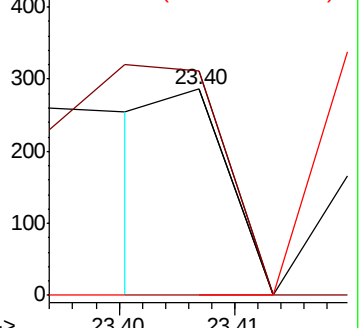


#78
Hexachloro-1,3-Butadiene
Concen: 0.000 ppbv
RT: 23.40
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL0517ABL02
Acq: 17 May 2022 13:50

Tot Ion: 225 Resp: 55
Ion Ratio Lower Upper
225 100
223 0.0 51.4 77.0#
227 0.0 51.4 77.0#

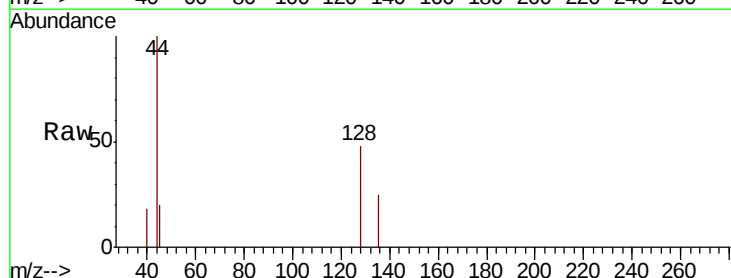


Abundance Ion 224.90 (224.60 to 225.60): V
Ion 222.90 (222.60 to 223.60): V
Ion 226.90 (226.60 to 227.60): V

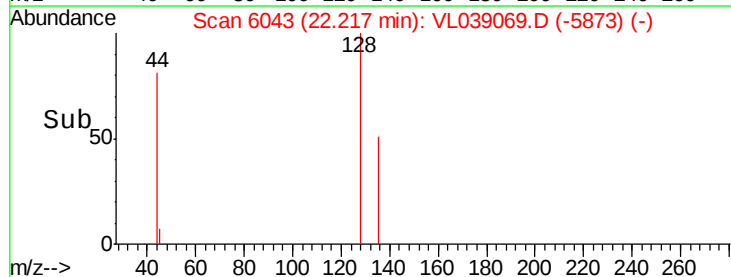
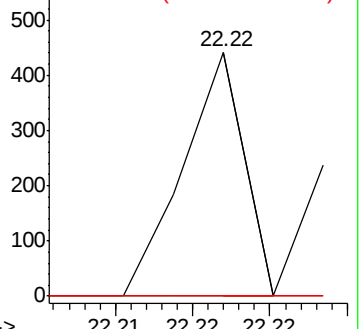


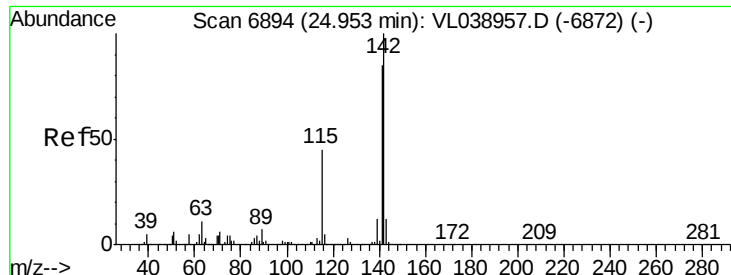
#79
Naphthalene
Concen: 0.001 ppbv
RT: 22.22 min Scan# 6043
Delta R.T. 0.05 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

Tgt Ion: 128 Resp: 121
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.9 13.3#



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: 0.001 ppbv

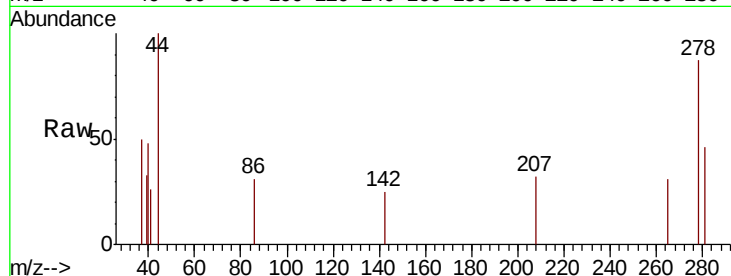
RT: 25.08

Delta R.T. MSVOA_1

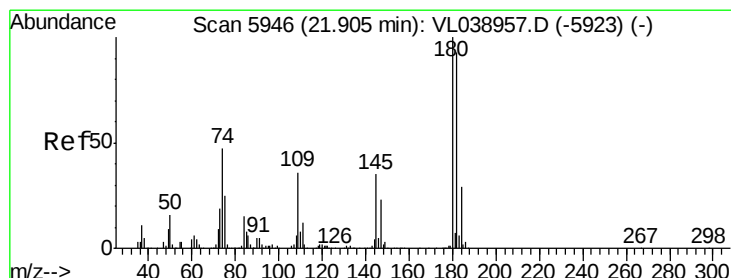
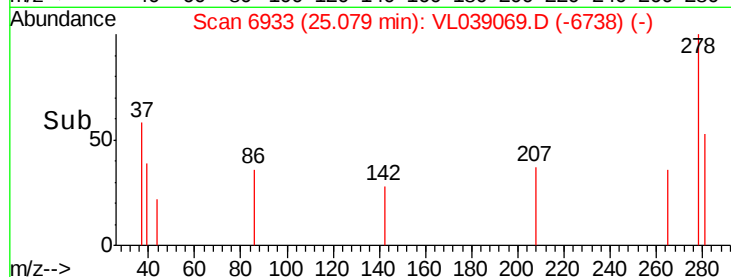
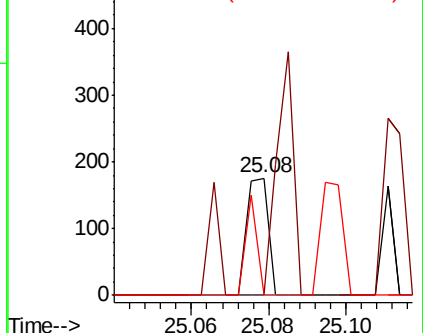
Lab File: ClientSampleId:

Acq: 17 May 2022 13:50

Tot Ion:	142	Resp:	67
Ion	Ratio	Lower	Upper
142	100		
141	252.2	70.8	106.2#
115	97.0	35.1	52.7#



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: 0.002 ppbv

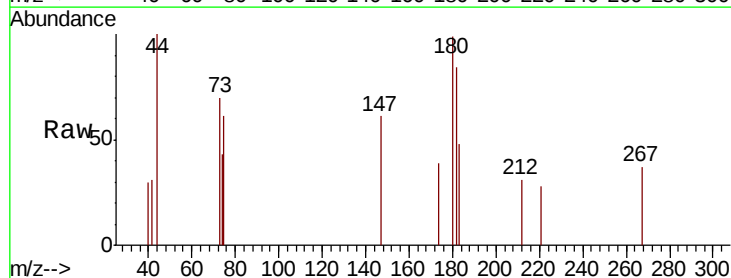
RT: 21.94 min Scan# 5958

Delta R.T. 0.04 min

Lab File: VL039069.D

Acq: 17 May 2022 13:50

Tgt Ion:	180	Resp:	218
Ion	Ratio	Lower	Upper
180	100		
182	102.3	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

