

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051722\
 Data File : VL039068.D
 Acq On : 17 May 2022 13:12
 Operator : SY/AP
 Sample : VL0517ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0517ABL01

Quant Time: May 18 01:45:54 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	953349	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2606537	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2231062	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1698594	9.61	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.03	85	62	0.000	ppbv # 43
3) Chlorodifluoromethane	3.00	51	30	0.000	ppbv # 57
4) Chloromethane	3.16	50	129	0.002	ppbv # 41
5) Vinyl Chloride	3.27	62	43	0.001	ppbv # 44
6) Bromomethane	3.47	94	92	0.004	ppbv # 1
7) Chloroethane	3.66	64	81	0.004	ppbv # 45
8) Dichlorotetrafluoroethane	3.25	85	61	0.000	ppbv # 16
9) Propene	3.31	41	173	0.003	ppbv # 92
10) Heptane	8.15	43	91	0.001	ppbv # 1
11) Trichlorofluoromethane	3.63	101	88	0.001	ppbv # 18
12) 1,1,2-Trichlorotrifluoroet	4.45	101	85	0.001	ppbv # 15
13) Ethanol	3.63	45	141	0.039	ppbv # 31
14) Bromoethene	3.31	108	91	0.002	ppbv # 1
15) Acetone	3.85	43	330	0.004	ppbv # 48
16) 1,3-Butadiene	3.34	39	289	0.006	ppbv # 9
17) tert-Butyl alcohol	4.30	59	52	0.001	ppbv # 70
18) 1,1-Dichloroethene	4.54	96	63	0.002	ppbv # 1
19) Isopropyl Alcohol	3.95	45	40	0.001	ppbv # 1
20) Methylene Chloride	4.36	84	1457	0.043	ppbv # 10
21) Allyl Chloride	4.42	41	143	0.002	ppbv # 1
22) trans-1,2-Dichloroethene	4.91	96	118	0.003	ppbv # 19
23) Vinyl Acetate	5.08	43	341	0.005	ppbv # 7
24) 1,1-Dichloroethane	5.07	63	44	0.001	ppbv # 89
25) Ethyl Acetate	5.70	43	463	0.002	ppbv # 48
26) Hexane	5.70	57	593	0.006	ppbv # 25
27) Carbon Disulfide	4.58	76	83	0.001	ppbv # 63
29) Chloroform	5.76	83	296	0.002	ppbv # 65
30) Cyclohexane	7.16	84	218	0.003	ppbv # 9
34) 2-Butanone	5.27	43	131	0.001	ppbv # 54
35) Carbon Tetrachloride	7.18	117	64	0.000	ppbv # 13
36) Benzene	6.91	78	137	0.001	ppbv # 54
37) 1,2-Dichloroethane	6.33	62	40	0.000	ppbv # 83
38) Trichloroethene	7.85	130	124	0.001	ppbv # 22
39) 1,2-Dichloropropane	7.19	63	659768	7.602	ppbv # 26
40) 1,4-Dioxane	7.84	88	116	0.004	ppbv # 1
41) Tetrahydrofuran	6.04	42	167	0.002	ppbv # 36
42) Bromodichloromethane	7.81	83	119	0.001	ppbv # 24
43) Methyl Methacrylate	8.03	69	218	0.002	ppbv # 1
44) 2,2,4-Trimethylpentane	7.88	57	97	0.000	ppbv # 1
45) t-1,3-Dichloropropene	9.41	75	83	0.001	ppbv # 44
46) cis-1,3-Dichloropropene	8.66	75	75	0.001	ppbv # 24

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

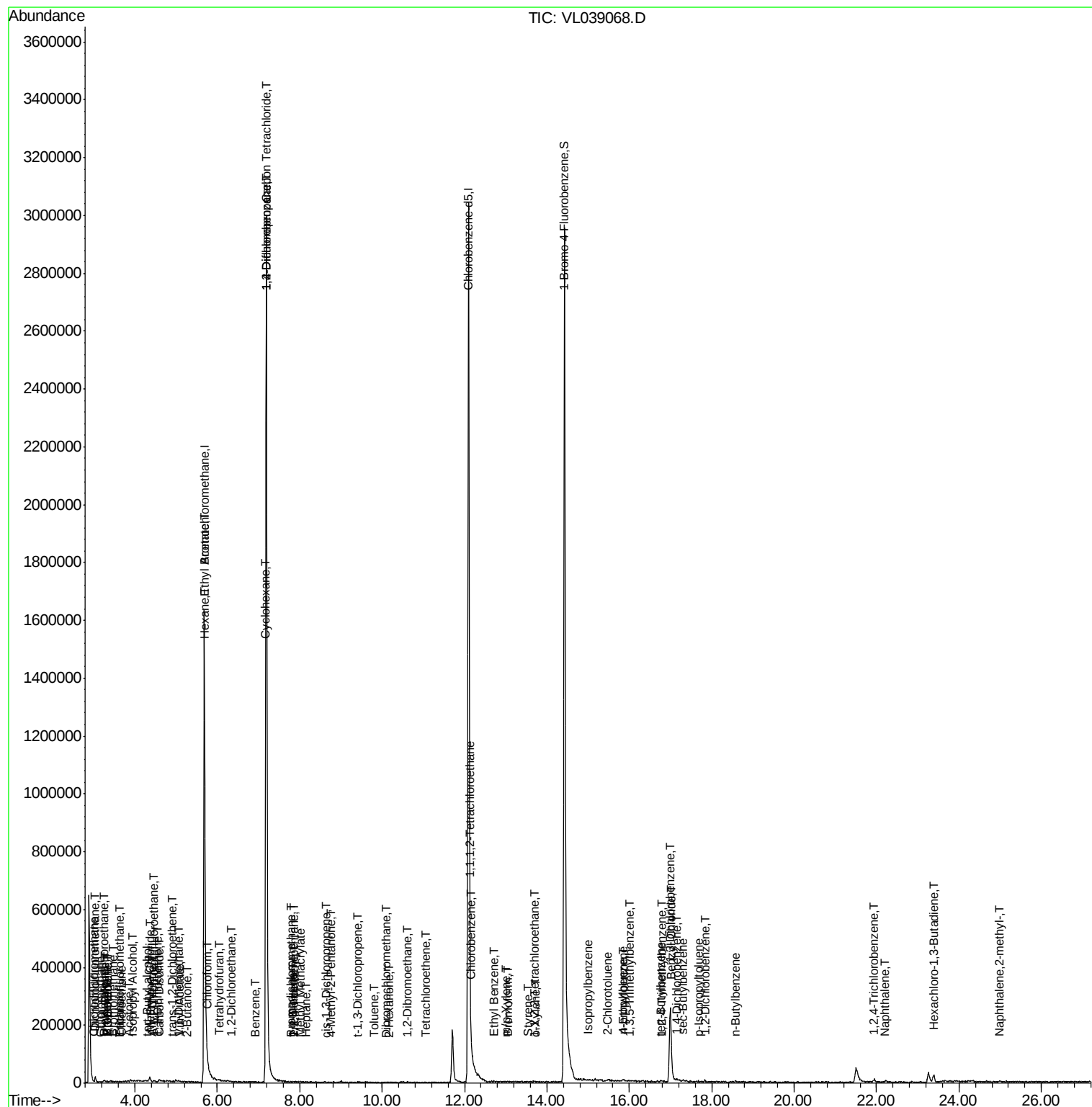
48) Dibromochloromethane	10.11	129	58	0.000	ppbv	# 10
49) Bromoform	13.05	173	39	0.000	ppbv	# 26
50) 4-Methyl-2-Pentanone	8.77	43	174	0.001	ppbv	# 75
51) 2-Hexanone	10.18	43	110	0.001	ppbv	# 28
52) Tetrachloroethene	11.06	164	64	0.001	ppbv	# 26
53) Toluene	9.82	91	352	0.001	ppbv	# 54
54) 1,2-Dibromoethane	10.63	107	124	0.001	ppbv	# 9
56) 1,1,1,2-Tetrachloroethane	12.14	131	126	0.001	ppbv	# 9
57) Chlorobenzene	12.16	112	381	0.002	ppbv	# 70
58) Ethyl Benzene	12.73	91	122	0.000	ppbv	# 44
59) m/p-Xylene	13.01	91	70	0.000	ppbv	# 33
60) o-Xylene	13.70	91	143	0.001	ppbv	# 32
61) Styrene	13.54	104	56	0.000	ppbv	# 1
62) Isopropylbenzene	15.00	105	117	0.000	ppbv	# 93
63) 1,1,2,2-Tetrachloroethane	13.69	83	581	0.004	ppbv	# 24
64) n-propylbenzene	15.84	120	41	0.000	ppbv	# 96
65) tert-Butylbenzene	16.76	119	391	0.001	ppbv	# 1
66) Benzyl Chloride	17.02	91	176	0.004	ppbv	# 1
67) sec-Butylbenzene	17.31	105	375	0.001	ppbv	# 60
69) p-Isopropyltoluene	17.67	119	544	0.001	ppbv	# 28
70) n-Butylbenzene	18.56	91	892	0.002	ppbv	# 33
71) 2-Chlorotoluene	15.46	91	350	0.001	ppbv	# 45
72) 4-Ethyltoluene	15.86	105	100	0.000	ppbv	# 55
73) 1,3,5-Trimethylbenzene	16.00	105	378	0.001	ppbv	# 33
74) 1,2,4-Trimethylbenzene	16.78	105	719	0.002	ppbv	# 31
75) 1,3-Dichlorobenzene	17.00	146	822	0.005	ppbv	# 22
76) 1,4-Dichlorobenzene	17.16	146	566	0.004	ppbv	# 1
77) 1,2-Dichlorobenzene	17.83	146	631	0.004	ppbv	# 22
78) Hexachloro-1,3-Butadiene	23.39	225	2128	0.015	ppbv	# 1
79) Naphthalene	22.20	128	1165	0.005	ppbv	# 60
80) Naphthalene,2-methyl-	24.99	142	1643	0.023	ppbv	# 88
81) 1,2,4-Trichlorobenzene	21.94	180	724	0.005	ppbv	# 11

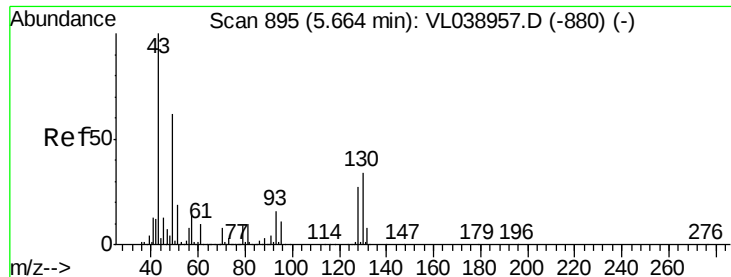
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0517ABL01

Acq: 17 May 2022 13:12

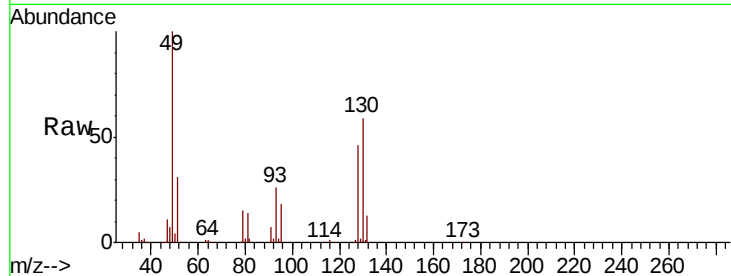
Tot Ion: 49 Resp: 953349

Ion Ratio Lower Upper

49 100

128 52.2 23.3 69.8

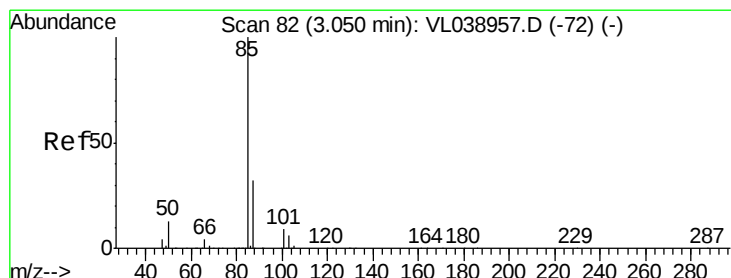
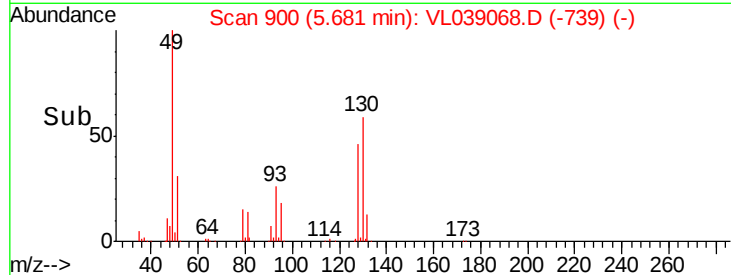
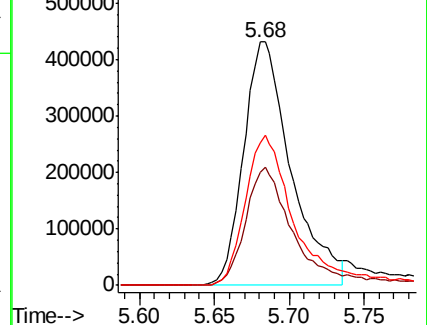
130 67.7 29.8 89.3



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: 0.000 ppbv

RT: 3.03 min Scan# 75

Delta R.T. -0.02 min

Lab File: VL039068.D

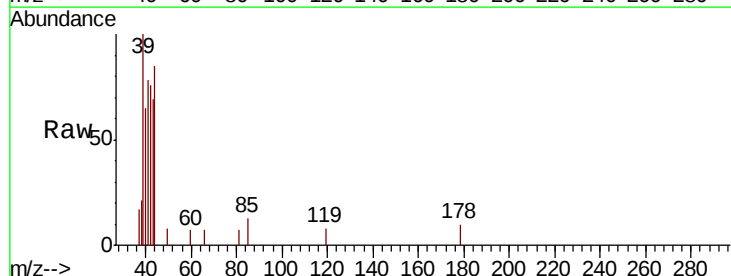
Acq: 17 May 2022 13:12

Tgt Ion: 85 Resp: 62

Ion Ratio Lower Upper

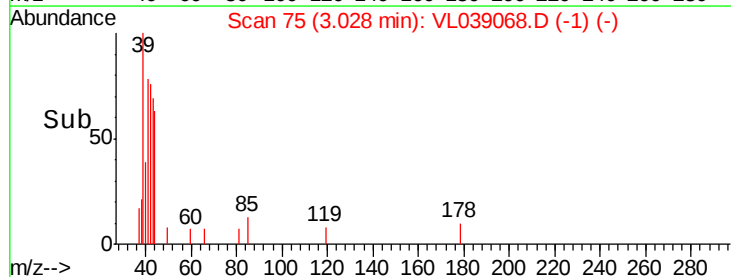
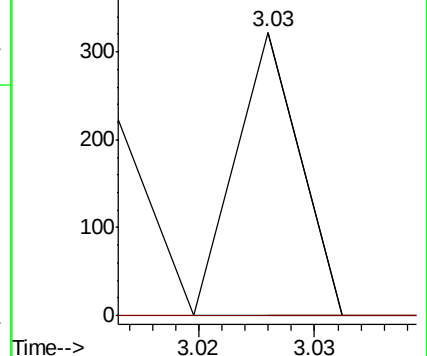
85 100

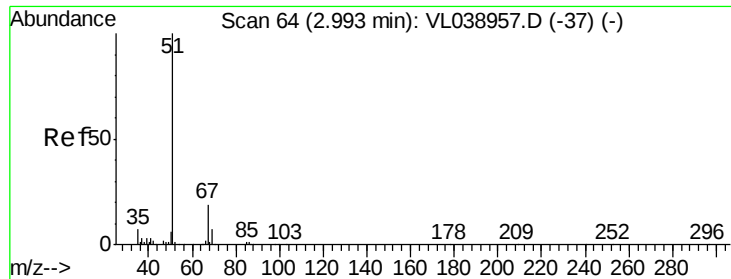
87 0.0 25.7 38.5#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.000 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

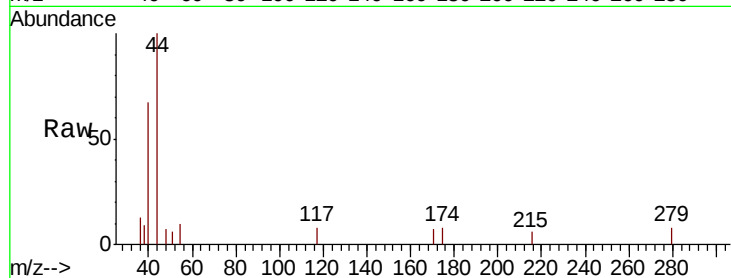
Acq: 17 May 2022 13:12

Tot Ion: 51 Resp: 30

Ion Ratio Lower Upper

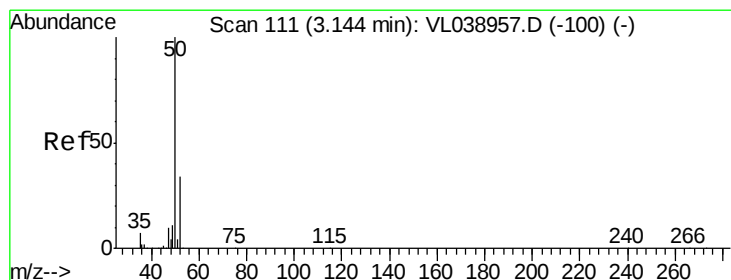
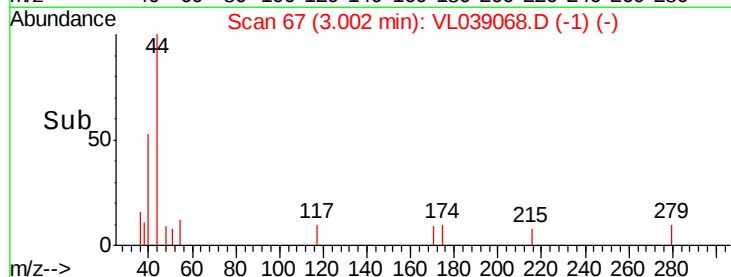
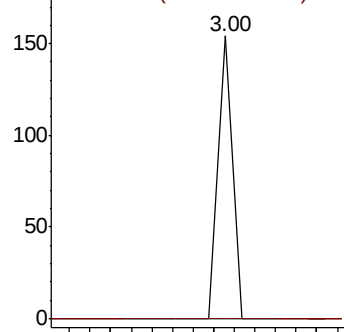
51 100

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



#4

Chloromethane

Concen: 0.002 ppbv

RT: 3.16 min Scan# 115

Delta R.T. 0.01 min

Lab File: VL039068.D

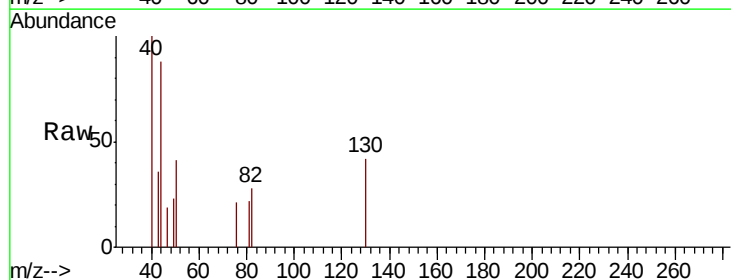
Acq: 17 May 2022 13:12

Tgt Ion: 50 Resp: 129

Ion Ratio Lower Upper

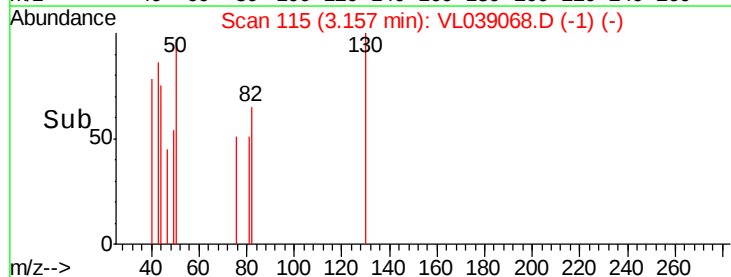
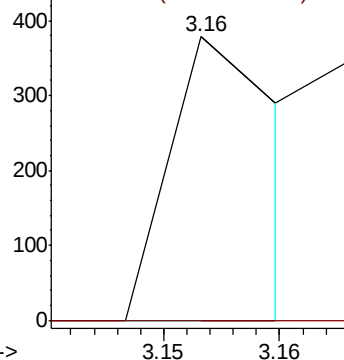
50 100

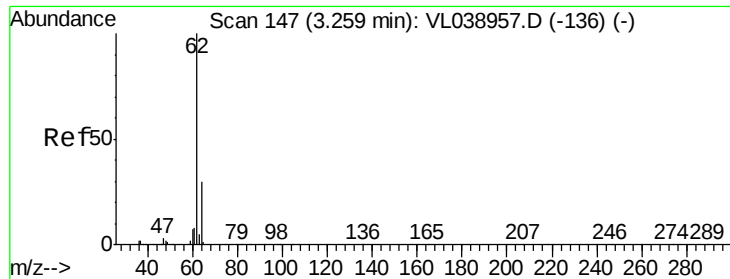
52 0.0 27.3 40.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.001 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

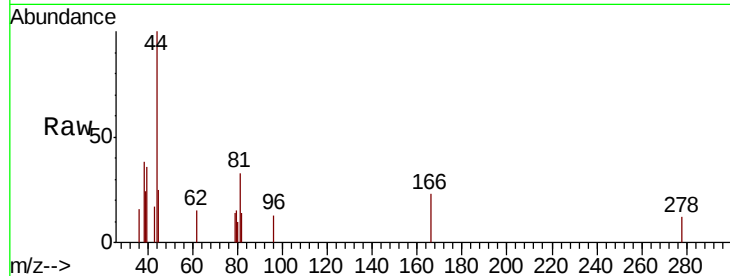
Acq: 17 May 2022 13:12

Tot Ion: 62 Resp: 43

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

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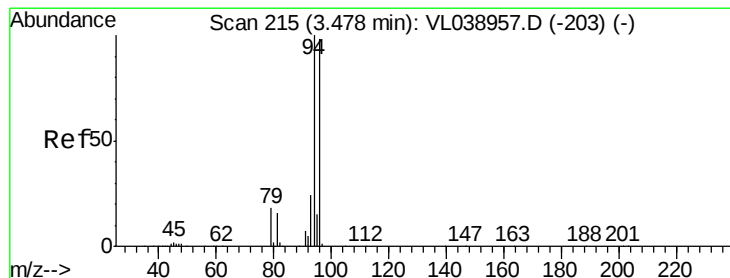
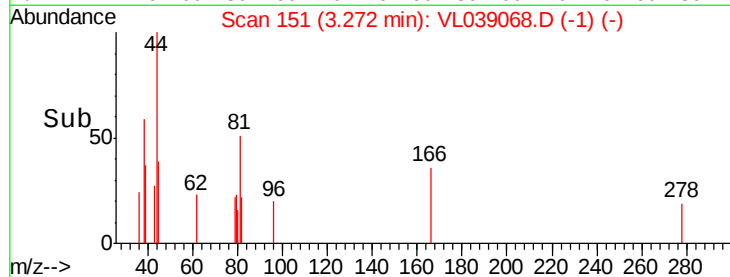
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#6

Bromomethane

Concen: 0.004 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL039068.D

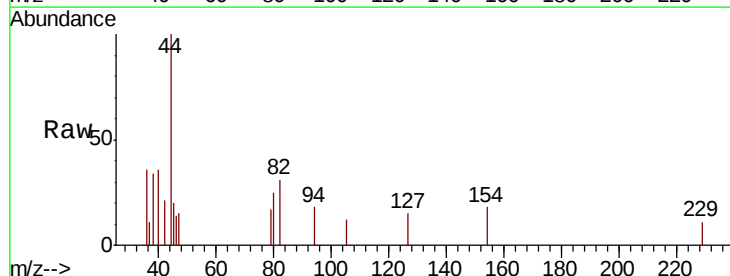
Acq: 17 May 2022 13:12

Tgt Ion: 94 Resp: 92

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

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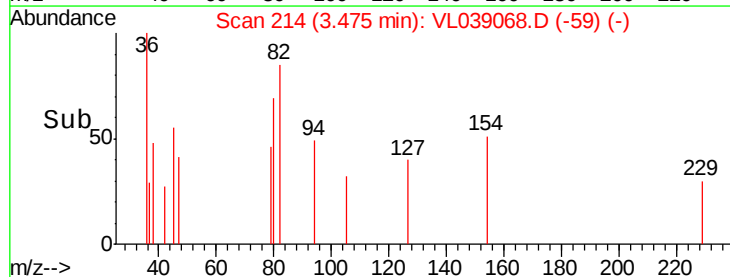
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Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

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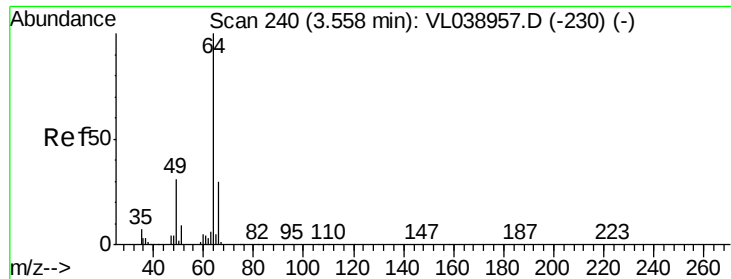
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#7

Chloroethane

Concen: 0.004 ppbv

RT: 3.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

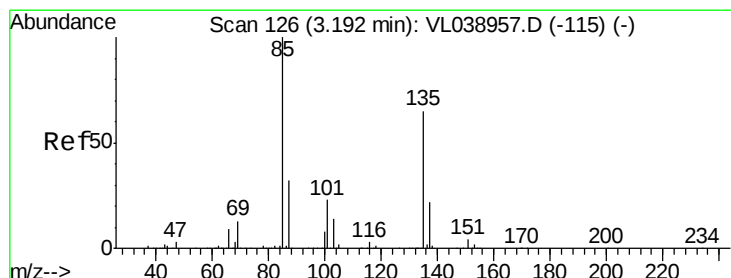
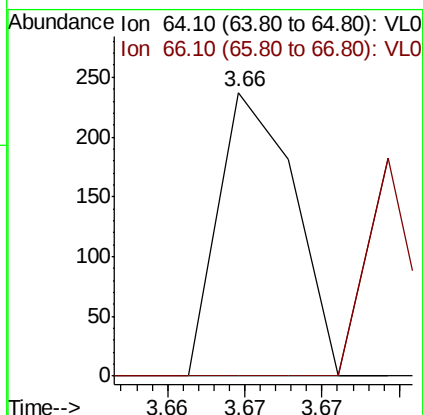
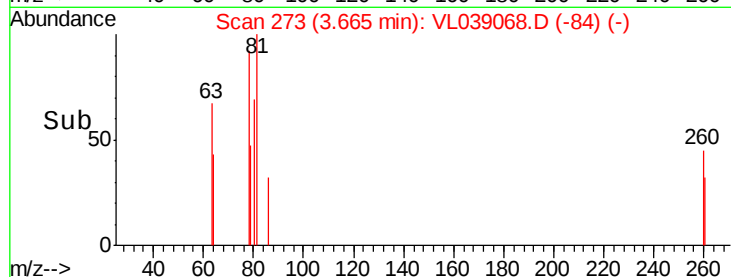
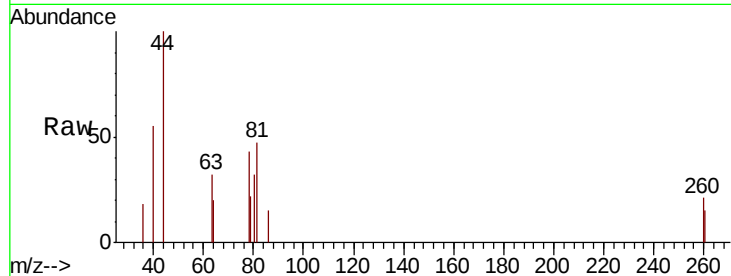
Acq: 17 May 2022 13:12 VL0517ABL01

Tot Ion: 64 Resp: 81

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.8#



#8

Dichlorotetrafluoroethane

Concen: 0.000 ppbv

RT: 3.25 min Scan# 144

Delta R.T. 0.06 min

Lab File: VL039068.D

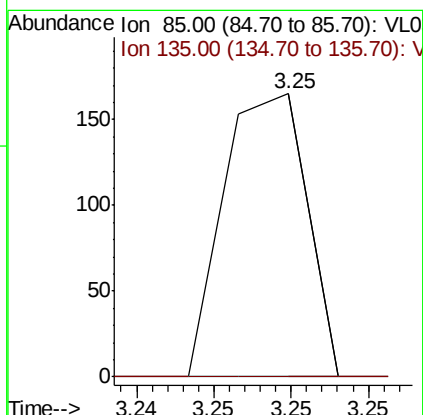
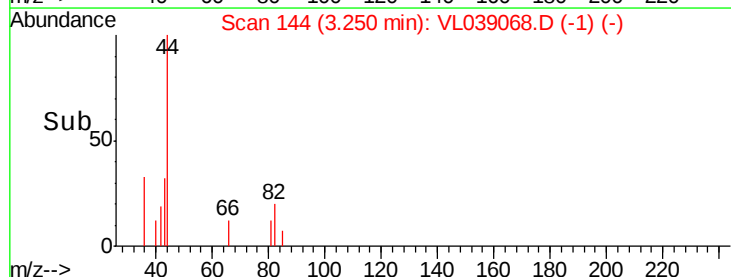
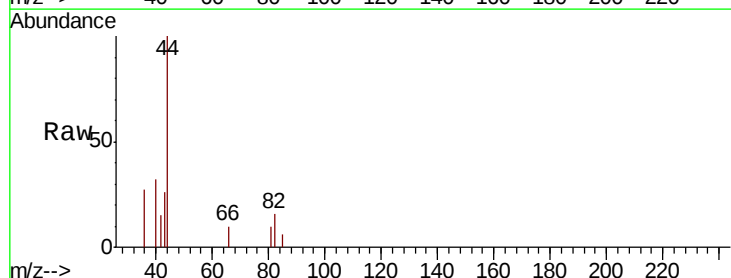
Acq: 17 May 2022 13:12

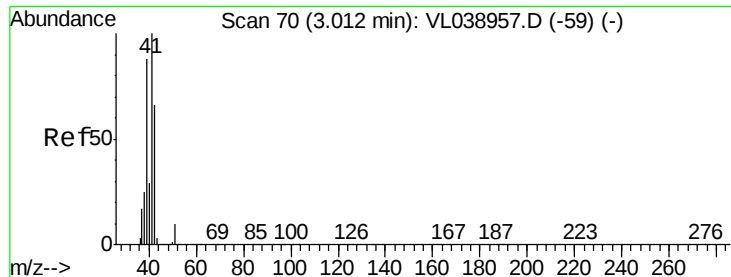
Tgt Ion: 85 Resp: 61

Ion Ratio Lower Upper

85 100

135 0.0 53.6 80.4#





#9

Propene

Concen: 0.003 ppbv

RT: 3.31

Delta R.T.

Lab File:

Acq: 17 May 2022

Instrument:

MSVOA_L

ClientSampleId:

VL0517ABL01

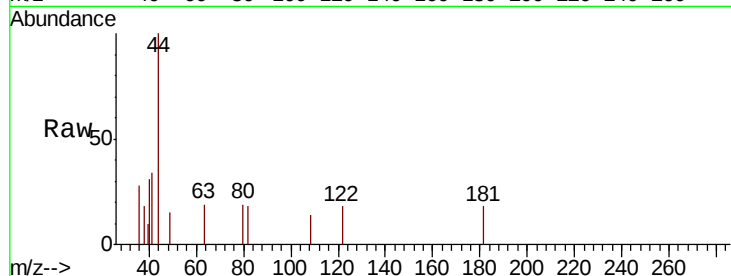
13:12

Tot Ion: 41 Resp: 173

Ion Ratio Lower Upper

41 100

42 79.8 58.3 87.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

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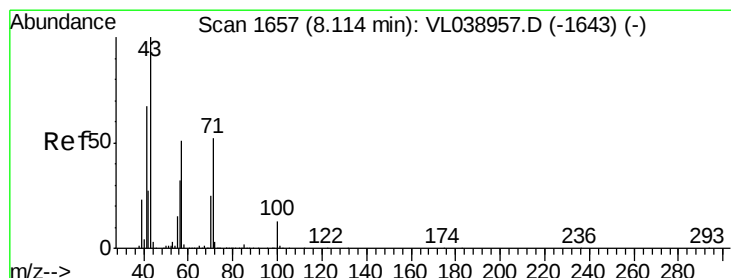
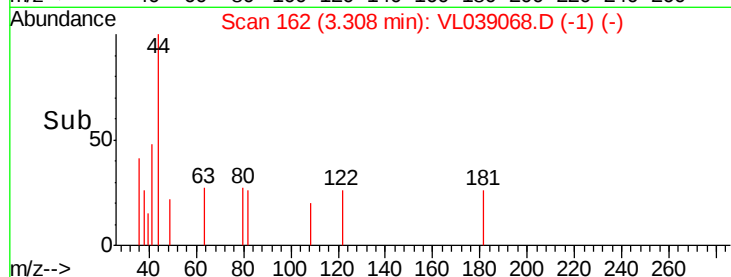
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#10

Heptane

Concen: 0.001 ppbv

RT: 8.15 min Scan# 1667

Delta R.T. 0.03 min

Lab File: VL039068.D

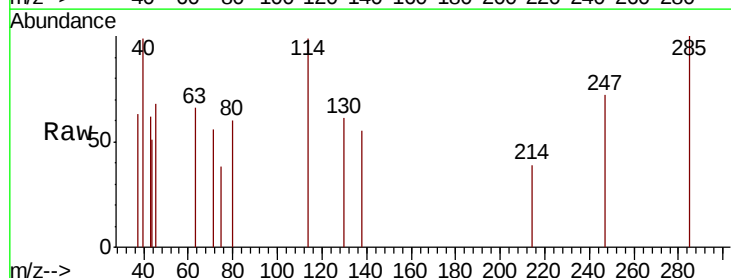
Acq: 17 May 2022 13:12

Tgt Ion: 43 Resp: 91

Ion Ratio Lower Upper

43 100

57 136.3 40.5 60.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.15

8.15

8.15

8.15

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8.15

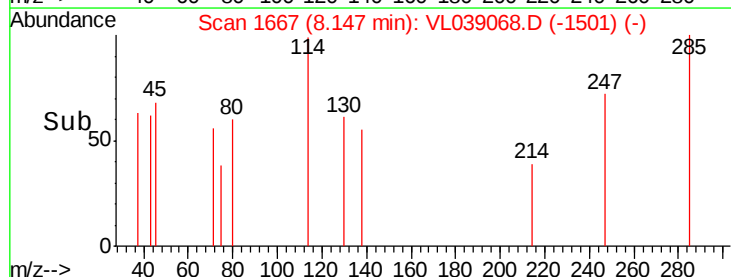
8.15

8.15

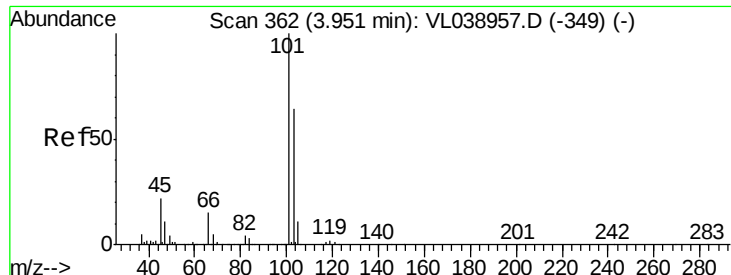
8.15

8.15

8.15

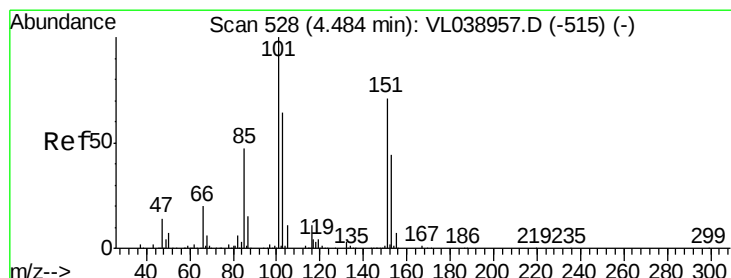
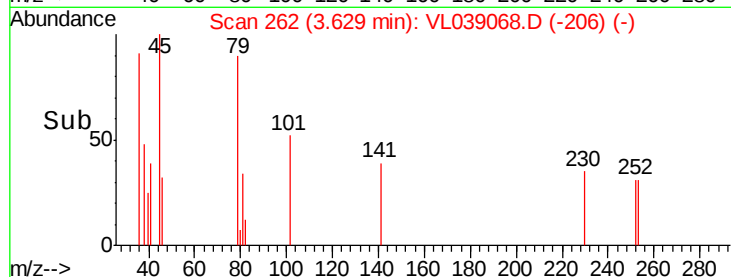
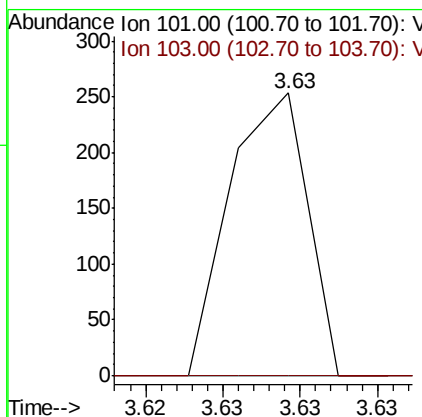
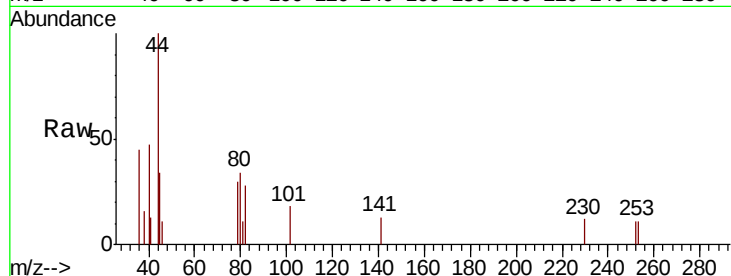


Time-->



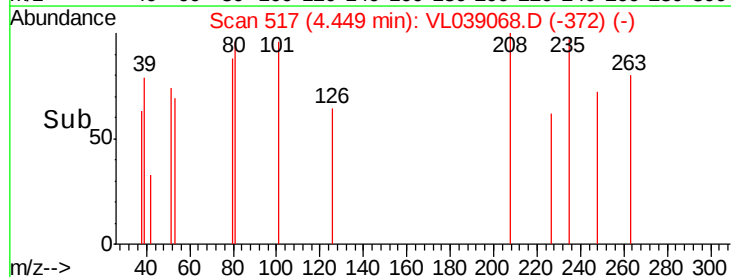
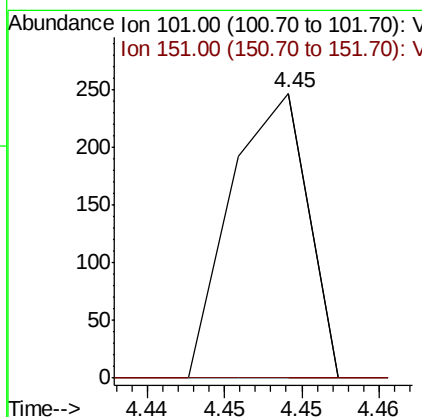
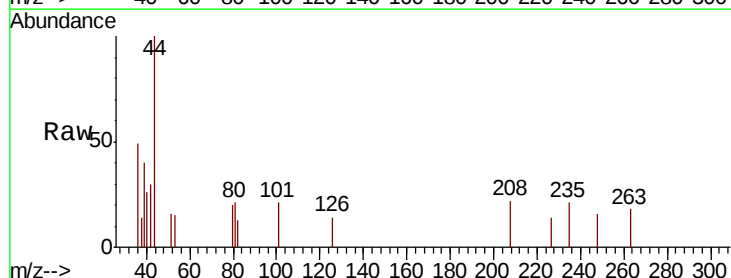
#11
 Trichlorofluoromethane
 Concen: 0.001 ppbv
 RT: 3.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0517ABL01
 Acq: 17 May 2022 13:12

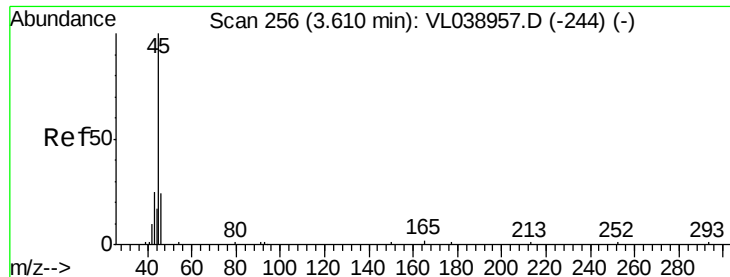
Tot Ion:101 Resp: 88
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.5 77.3#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.001 ppbv
 RT: 4.45 min Scan# 517
 Delta R.T. -0.04 min
 Lab File: VL039068.D
 Acq: 17 May 2022 13:12

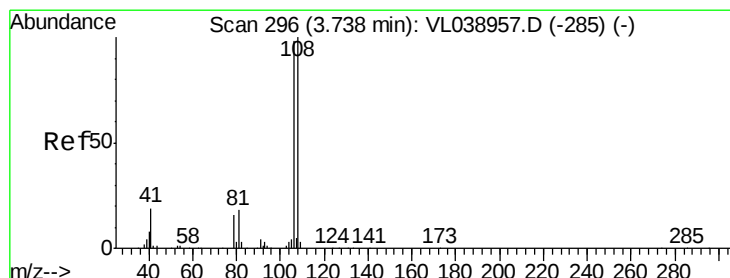
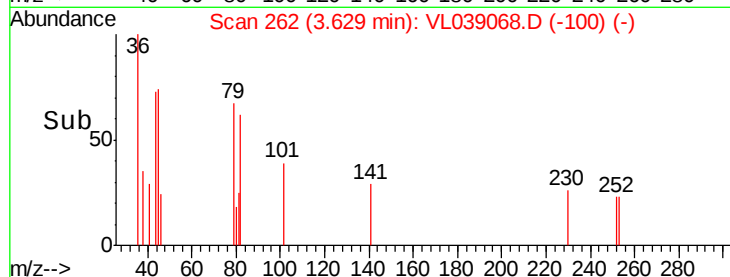
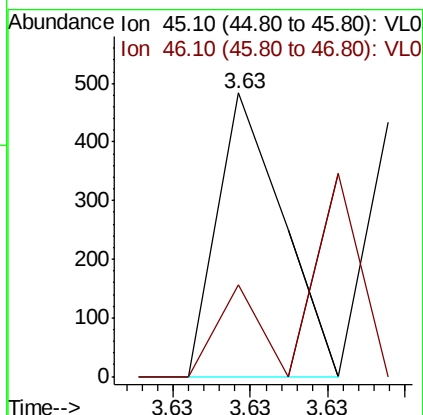
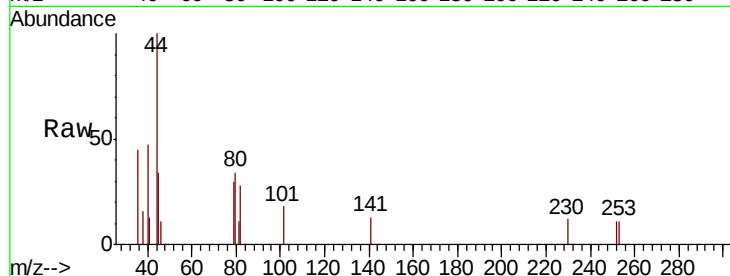
Tgt Ion:101 Resp: 85
 Ion Ratio Lower Upper
 101 100
 151 0.0 55.4 83.0#





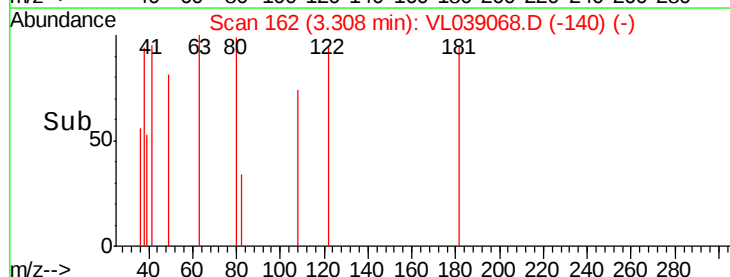
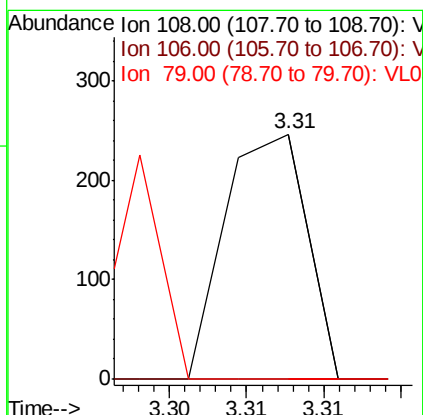
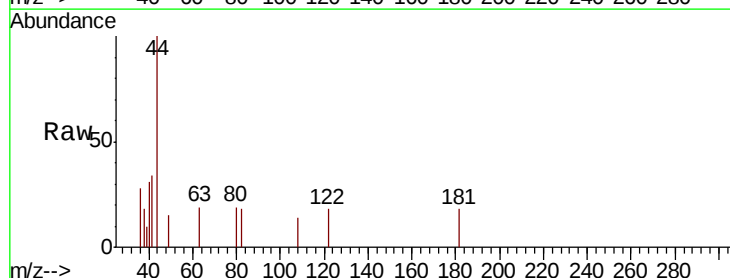
#13
Ethanol
Concen: 0.039 ppbv
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0517ABL01
Acq: 17 May 2022 13:12

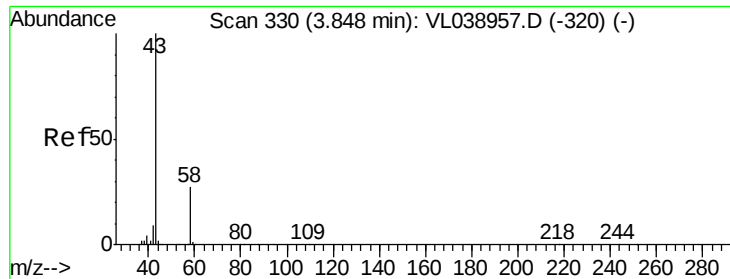
Tot Ion: 45 Resp: 141
Ion Ratio Lower Upper
45 100
46 0.0 18.0 72.2#



#14
Bromoethene
Concen: 0.002 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.43 min
Lab File: VL039068.D
Acq: 17 May 2022 13:12

Tgt Ion: 108 Resp: 91
Ion Ratio Lower Upper
108 100
106 0.0 90.3 135.5#
79 108.8 14.9 22.3#





#15

Acetone

Concen: 0.004 ppbv

RT: 3.85 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0517ABL01

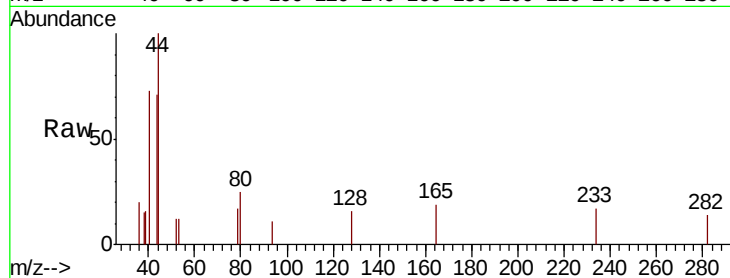
Acq: 17 May 2022 13:12

Tot Ion: 43 Resp: 330

Ion Ratio Lower Upper

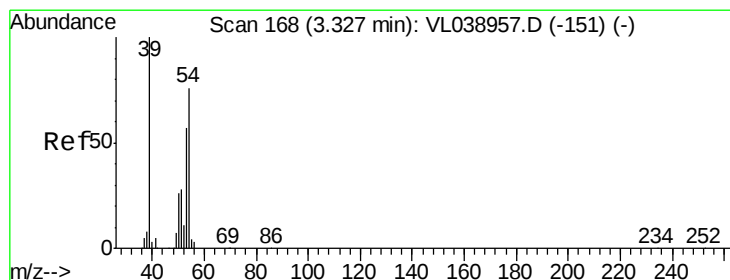
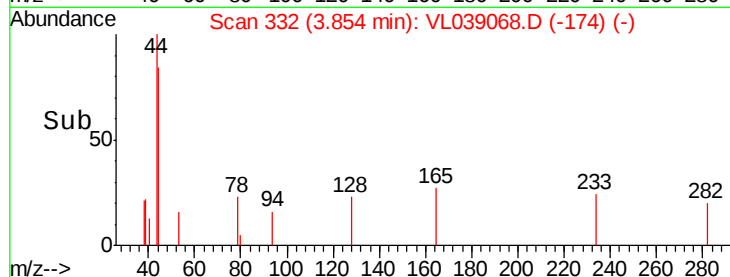
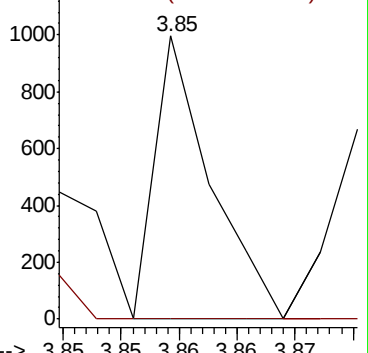
43 100

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: 0.006 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.01 min

Lab File: VL039068.D

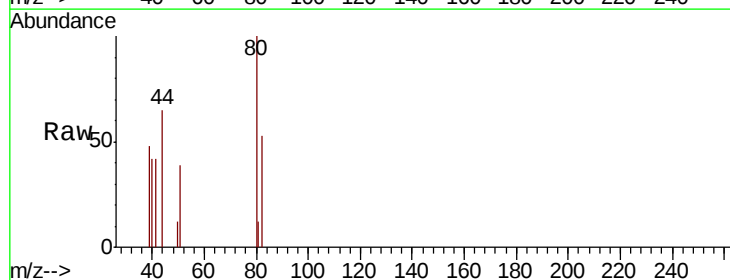
Acq: 17 May 2022 13:12

Tgt Ion: 39 Resp: 289

Ion Ratio Lower Upper

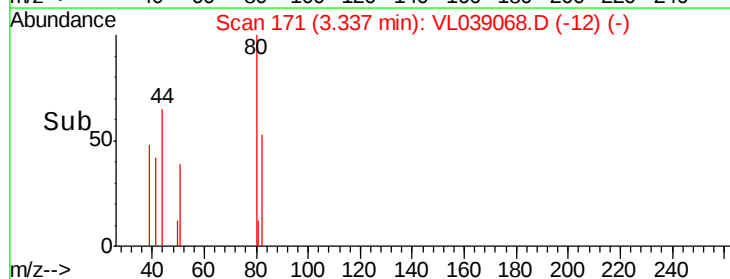
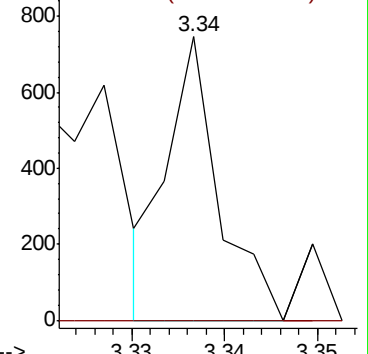
39 100

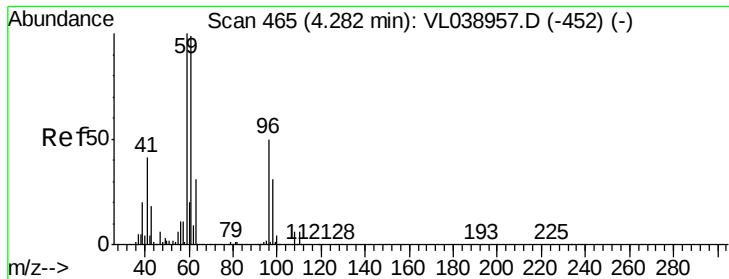
54 0.0 65.2 97.8#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

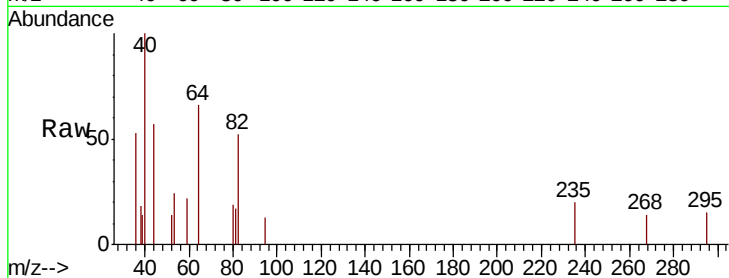
Acq: 17 May 2022 13:12

Tot Ion: 59 Resp: 52

Ion Ratio Lower Upper

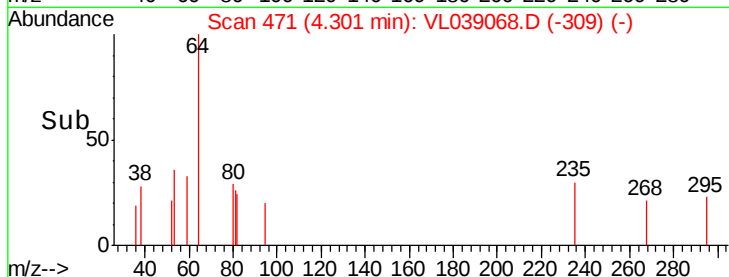
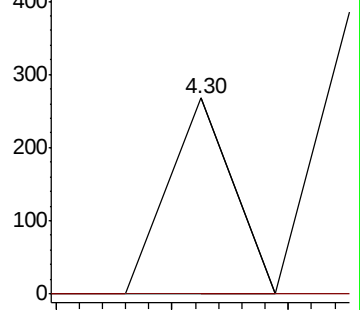
59 100

57 0.0 9.2 13.8#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene

Concen: 0.002 ppbv

RT: 4.54 min Scan# 546

Delta R.T. 0.25 min

Lab File: VL039068.D

Acq: 17 May 2022 13:12

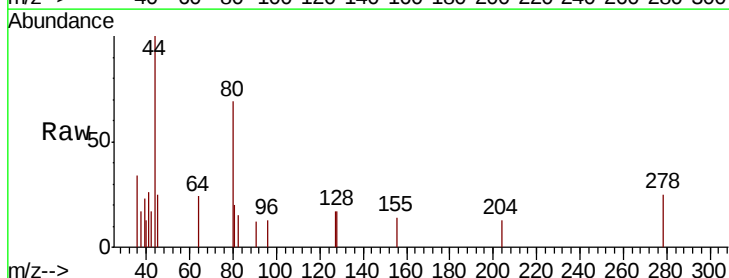
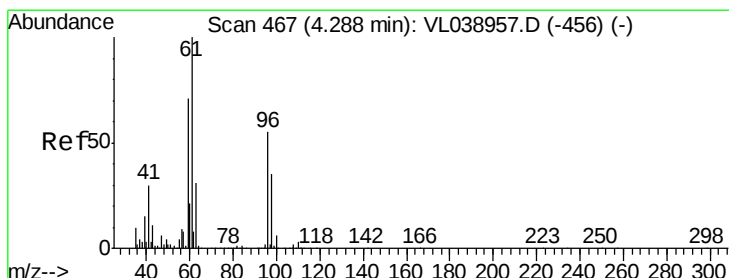
Tgt Ion: 96 Resp: 63

Ion Ratio Lower Upper

96 100

61 0.0 146.3 219.5#

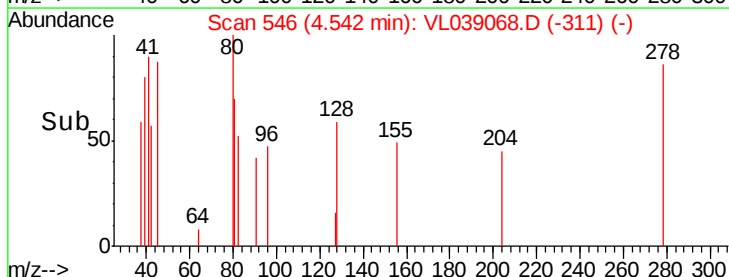
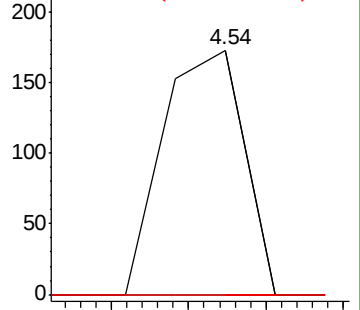
98 0.0 50.6 75.8#

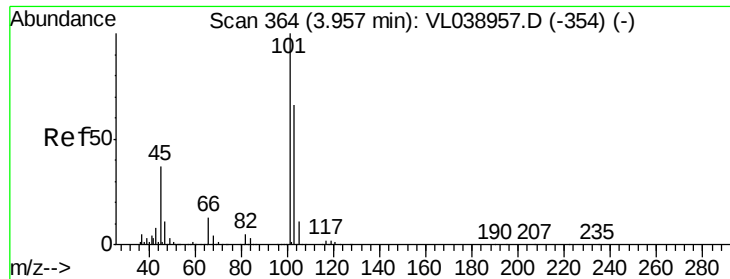


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#19

Isopropyl Alcohol

Concen: 0.001 ppbv

RT: 3.95 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0517ABL01

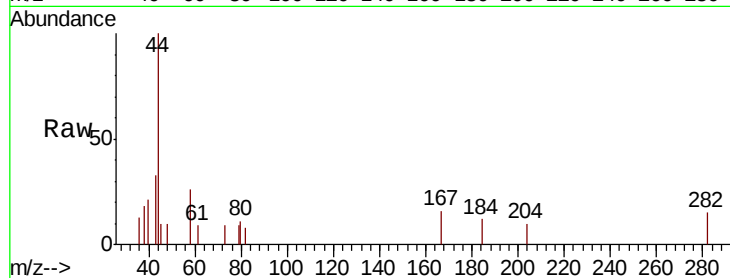
Acq: 17 May 2022 13:12

Tot Ion: 45 Resp: 40

Ion Ratio Lower Upper

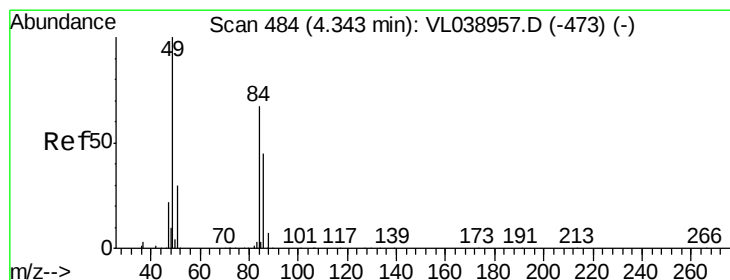
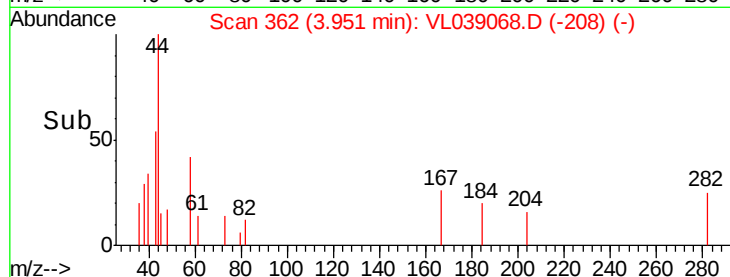
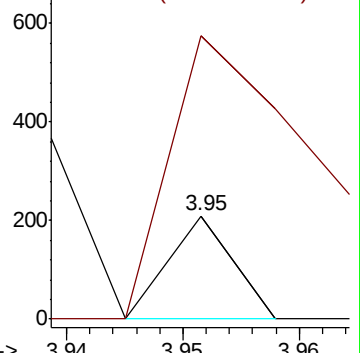
45 100

58 1847.5 1.4 2.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.043 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.01 min

Lab File: VL039068.D

Acq: 17 May 2022 13:12

Tgt Ion: 84 Resp: 1457

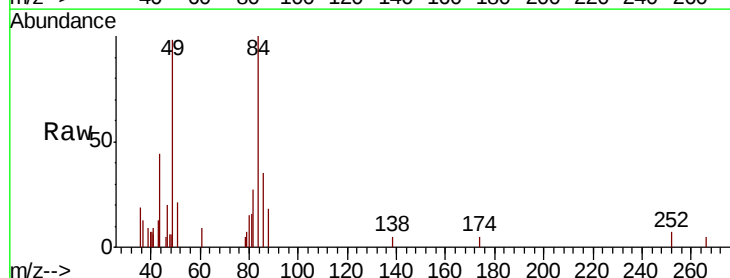
Ion Ratio Lower Upper

84 100

49 24.0 119.9 179.9#

51 0.0 35.7 53.5#

86 0.0 53.8 80.6#

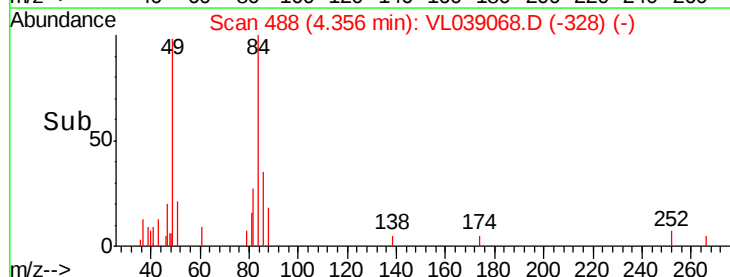
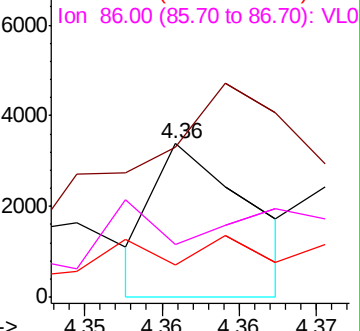


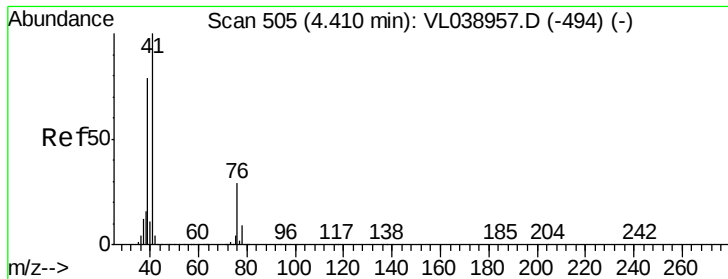
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#21

Allvl Chloride

Concen: 0.002 ppbv

RT: 4.42 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 13:12 VL0517ABL01

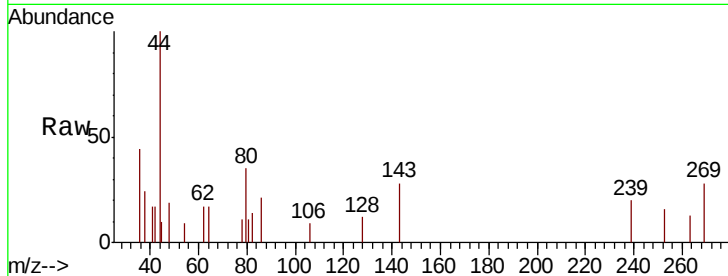
Tot Ion: 41 Resp: 143

Ion Ratio Lower Upper

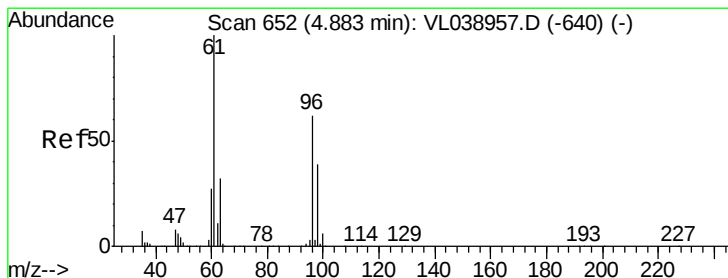
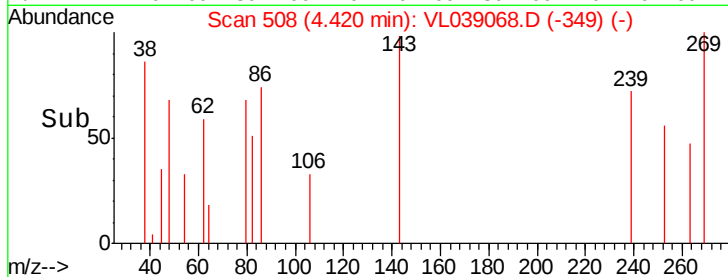
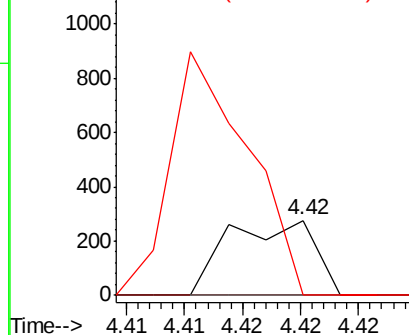
41 100

76 0.0 24.2 36.4#

39 404.9 63.8 95.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 0.003 ppbv

RT: 4.91 min Scan# 660

Delta R.T. 0.03 min

Lab File: VL039068.D

Acq: 17 May 2022 13:12

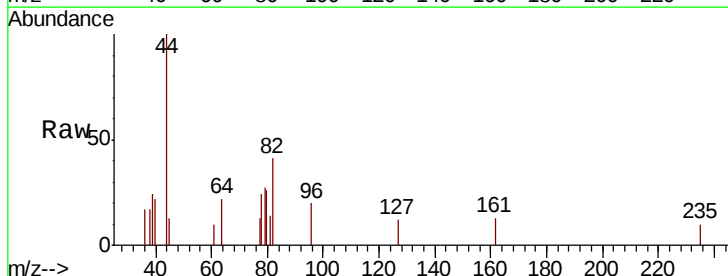
Tgt Ion: 96 Resp: 118

Ion Ratio Lower Upper

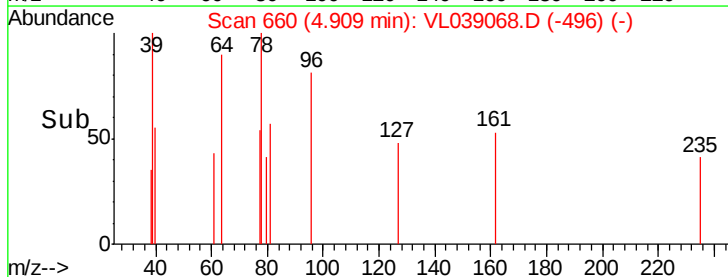
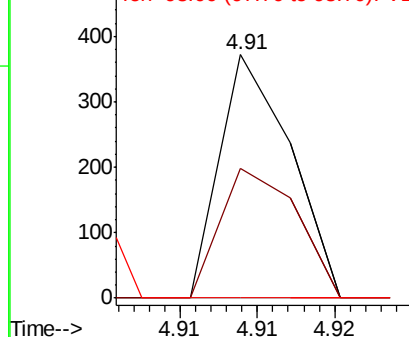
96 100

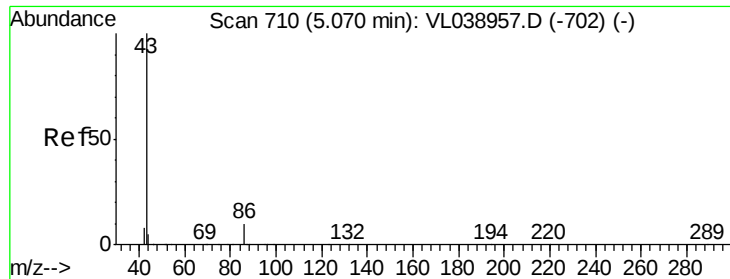
61 53.2 128.2 192.2#

98 0.0 50.1 75.1#



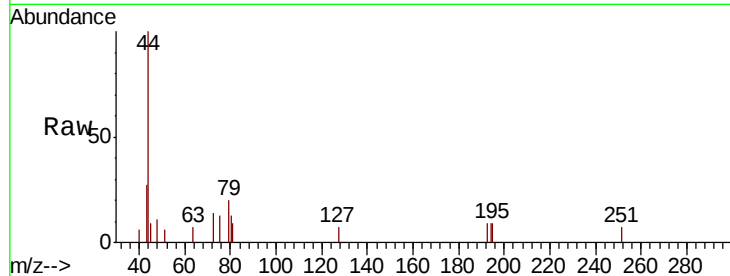
Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0



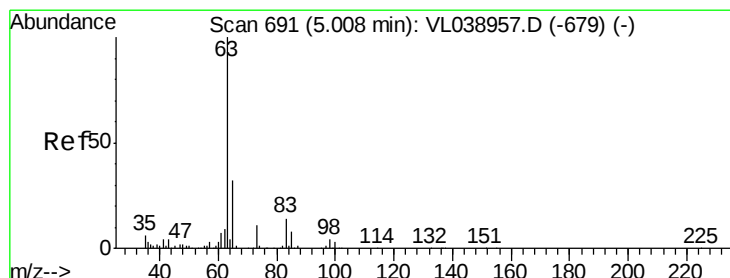
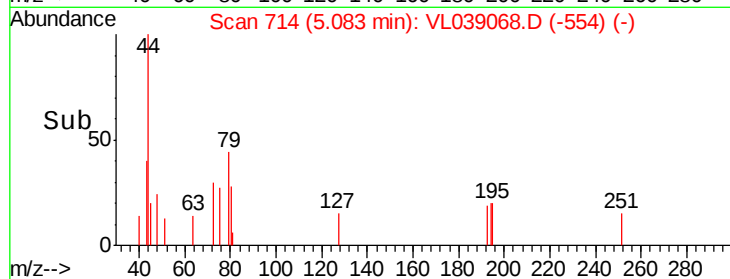
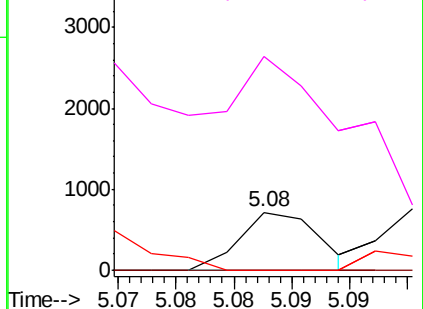


#23
 Vinyl Acetate
 Concen: 0.005 ppbv
 RT: 5.08
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VL0517ABL01
 Acq: 17 May 2022 13:12

Tot Ion:	43	Resp:	341
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.6	9.8#
42	0.0	8.1	12.1#
44	127.3	3.5	5.3#

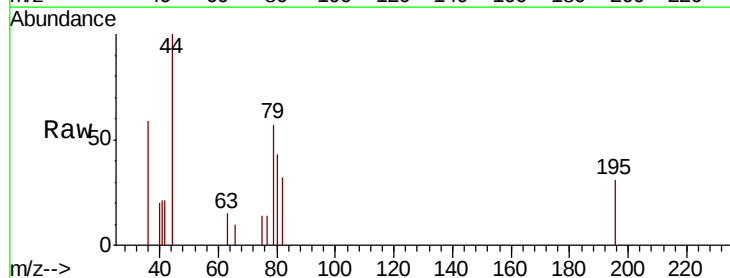


Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0

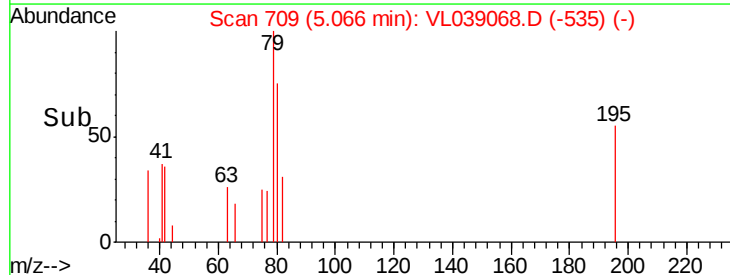
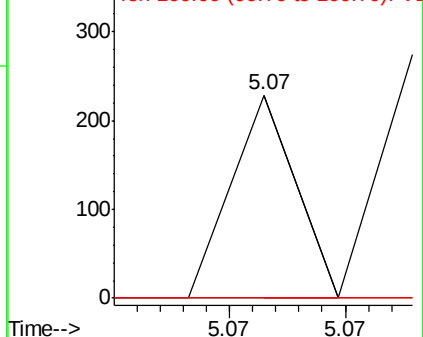


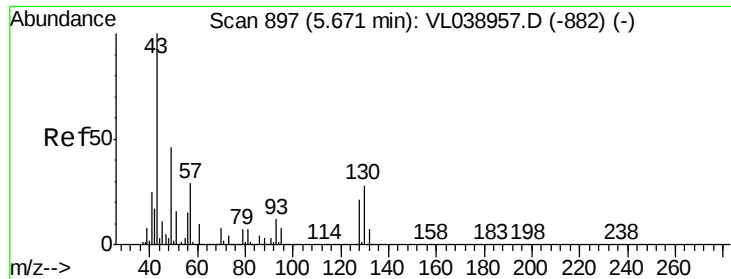
#24
 1,1-Dichloroethane
 Concen: 0.001 ppbv
 RT: 5.07 min Scan# 709
 Delta R.T. 0.06 min
 Lab File: VL039068.D
 Acq: 17 May 2022 13:12

Tgt Ion:	63	Resp:	44
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.2#
100	0.0	1.4	4.2#



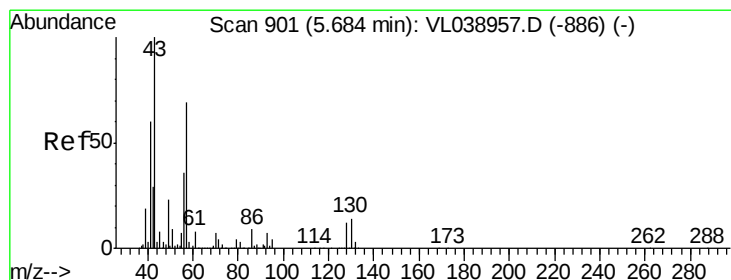
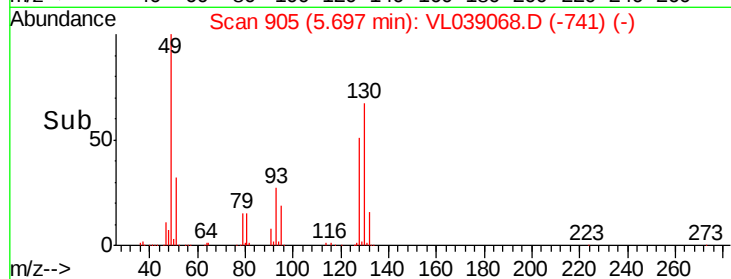
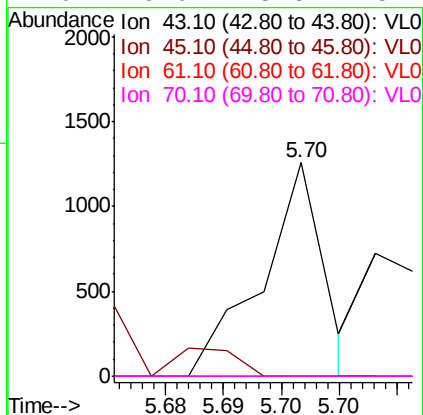
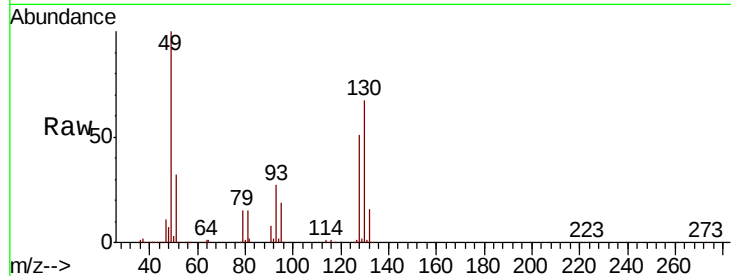
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0
 Ion 100.00 (99.70 to 100.70): VL0





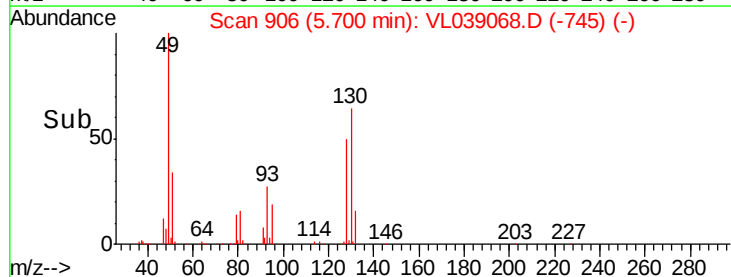
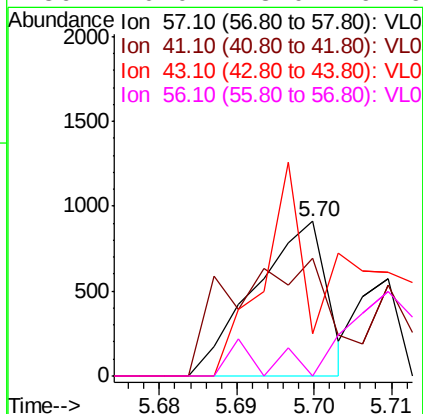
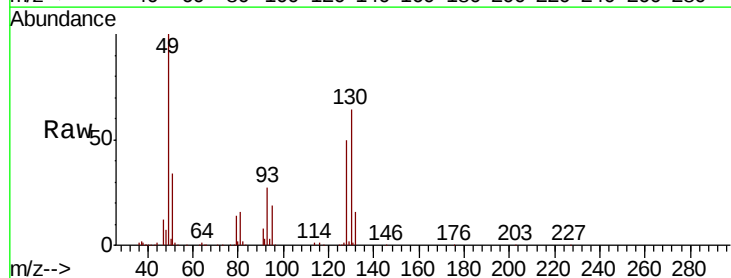
#25
Ethyl Acetate
Concen: 0.002 ppbv
RT: 5.70 min
Delta R.T. 0.02 min
Lab File: VL0517ABL01
Acq: 17 May 2022 13:12

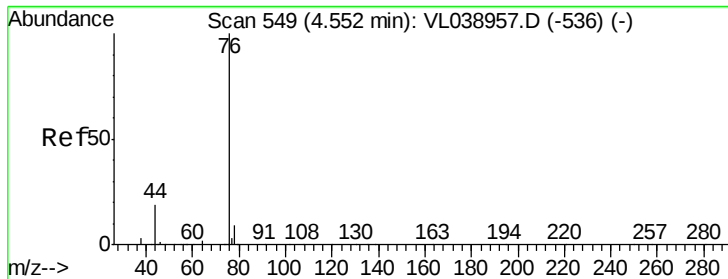
Tot Ion:	43	Resp:	463
Ion	Ratio	Lower	Upper
43	100		
45	46.2	8.1	12.1#
61	0.0	7.8	11.6#
70	0.0	5.6	8.4#



#26
Hexane
Concen: 0.006 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.02 min
Lab File: VL039068.D
Acq: 17 May 2022 13:12

Tgt Ion:	57	Resp:	593
Ion	Ratio	Lower	Upper
57	100		
41	164.9	75.2	112.8#
43	367.6	190.8	286.2#
56	0.0	43.0	64.6#





#27

Carbon Disulfide

Concen: 0.001 ppbv

RT: 4.58 Instrument:

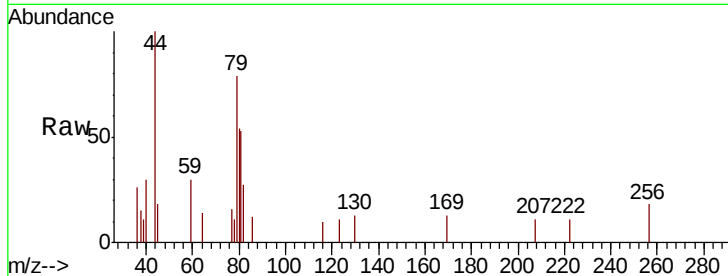
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

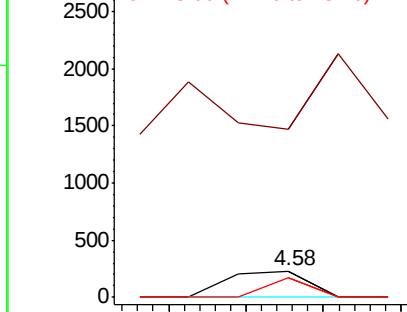
Acq: 17 May 2022 13:12

Tot Ion: 76 Resp: 83

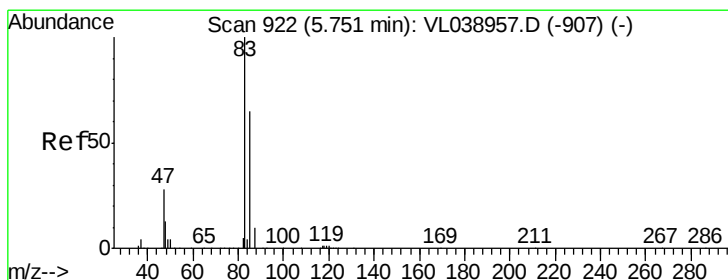
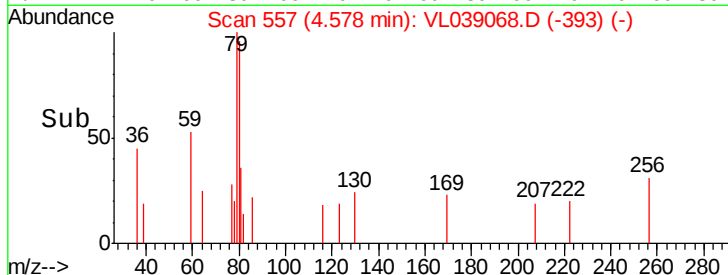
Ion	Ratio	Lower	Upper
76	100		
44	0.0	15.3	22.9#
78	0.0	8.2	12.2#



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



Time-->



#29

Chloroform

Concen: 0.002 ppbv

RT: 5.76 min Scan# 926

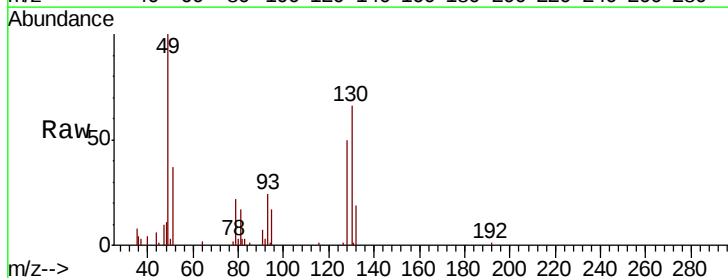
Delta R.T. 0.01 min

Lab File: VL039068.D

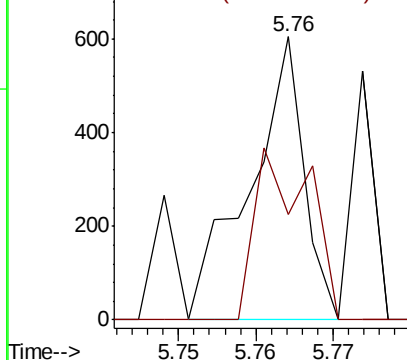
Acq: 17 May 2022 13:12

Tgt Ion: 83 Resp: 296

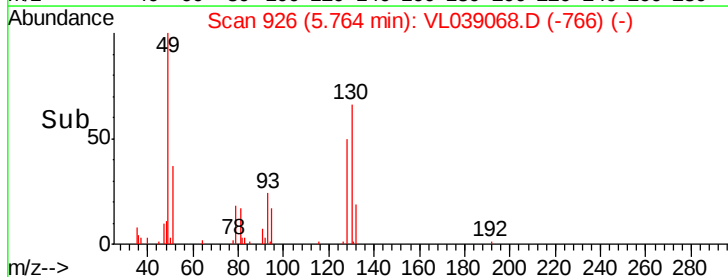
Ion	Ratio	Lower	Upper
83	100		
85	37.1	51.8	77.6#

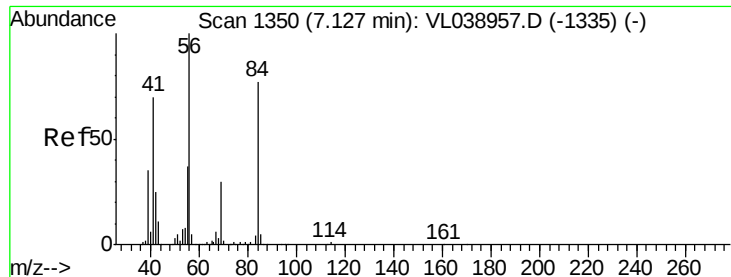


Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0



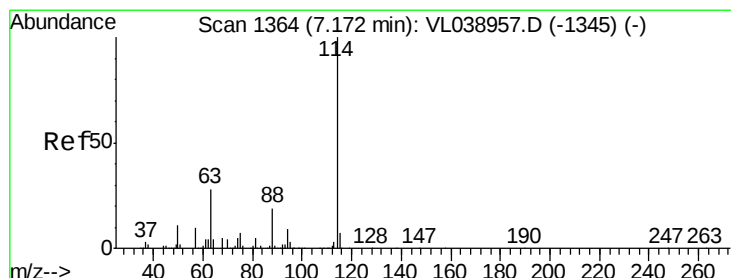
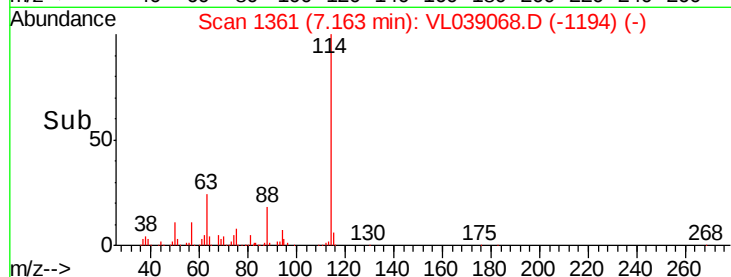
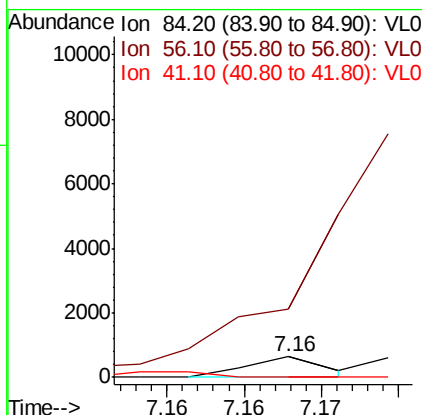
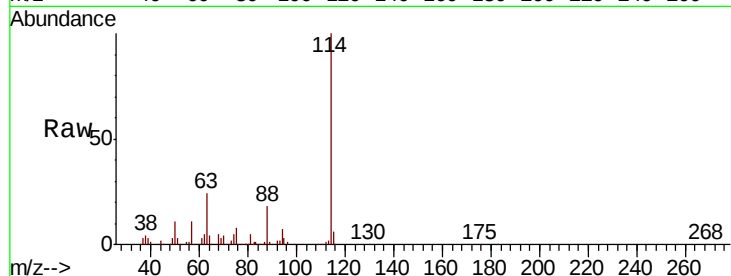
Time-->





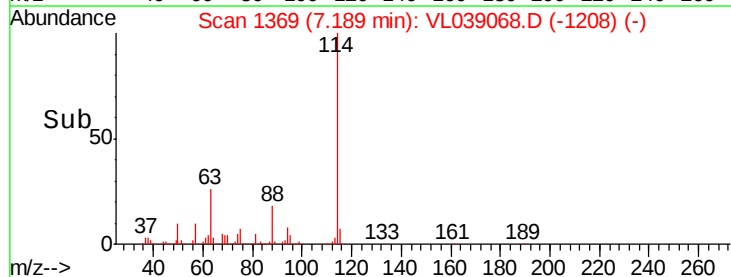
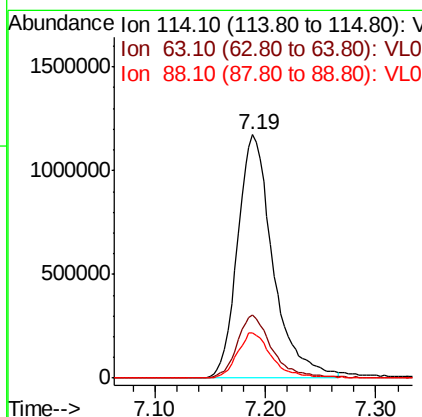
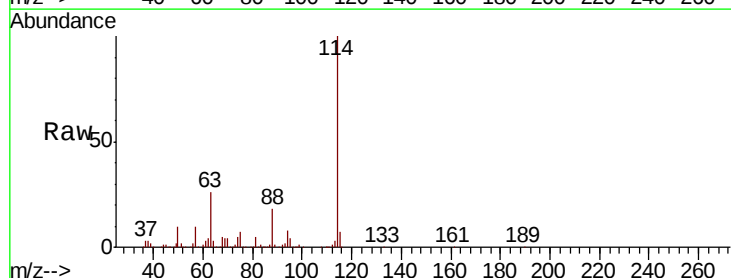
#30
Cvclohexane
Concen: 0.003 ppbv
RT: 7.16
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0517ABL01
Acq: 17 May 2022 13:12

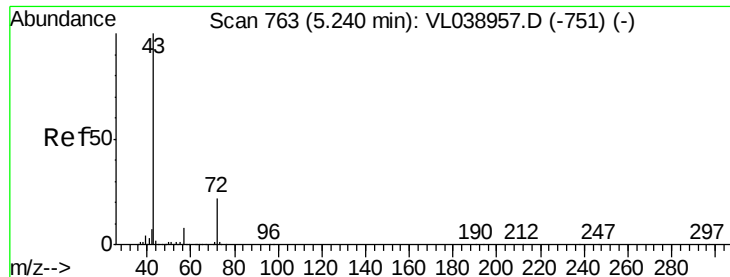
Tot Ion: 84 Resp: 218
Ion Ratio Lower Upper
84 100
56 0.0 115.3 172.9#
41 43.6 72.0 108.0#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.02 min
Lab File: VL039068.D
Acq: 17 May 2022 13:12

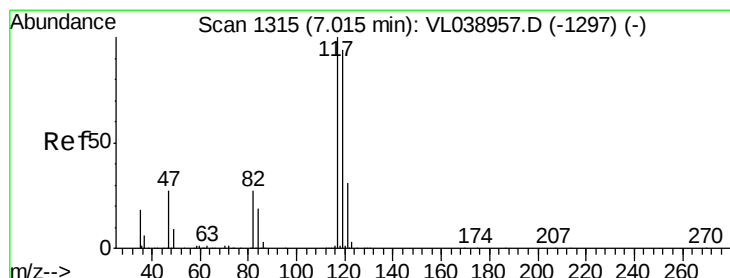
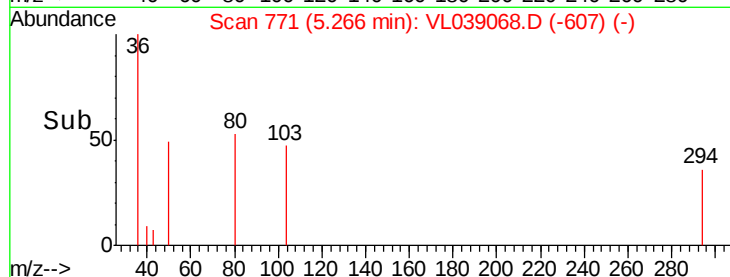
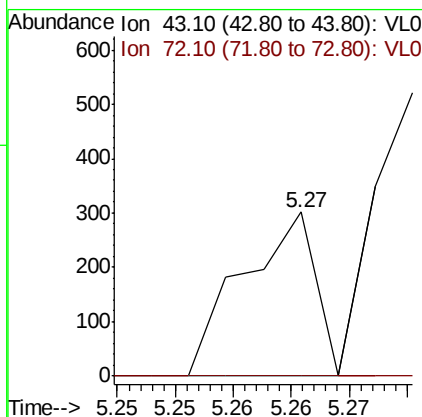
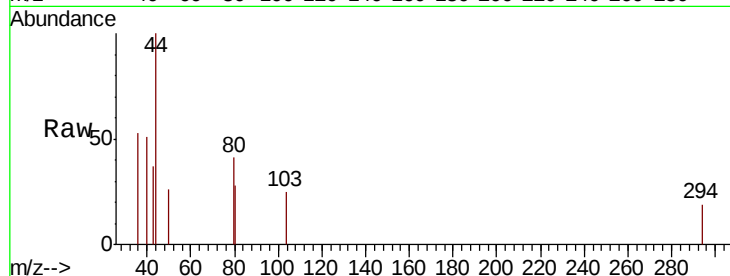
Tgt Ion: 114 Resp: 2606537
Ion Ratio Lower Upper
114 100
63 26.0 22.6 33.8
88 18.6 15.4 23.0





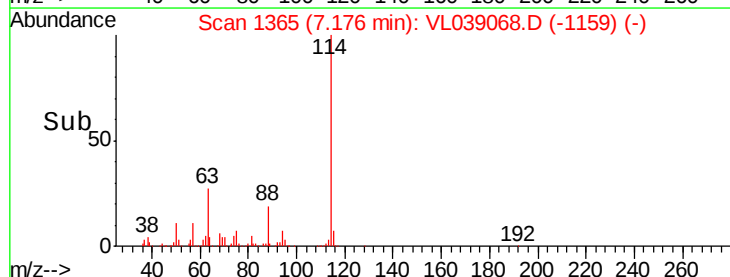
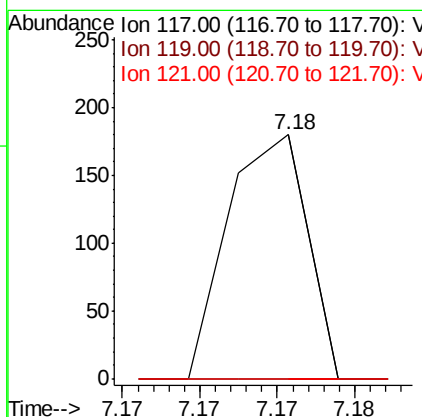
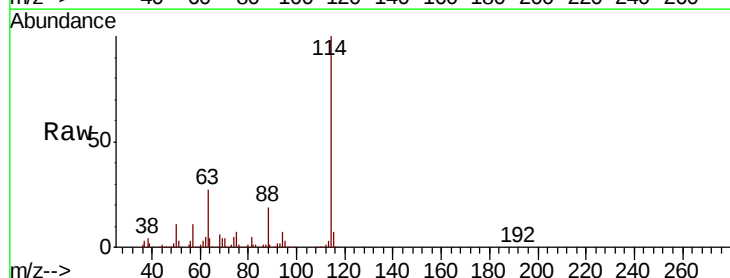
#34
2-Butanone
Concen: 0.001 ppbv
RT: 5.27
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0517ABL01
Acq: 17 May 2022 13:12

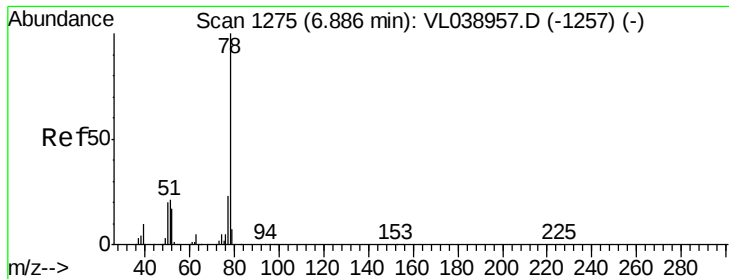
Tot Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.6#



#35
Carbon Tetrachloride
Concen: 0.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.16 min
Lab File: VL039068.D
Acq: 17 May 2022 13:12

Tgt Ion: 117 Resp: 64
Ion Ratio Lower Upper
117 100
119 0.0 75.2 112.8#
121 0.0 24.6 37.0#





#36

Benzene

Concen: 0.001 ppbv

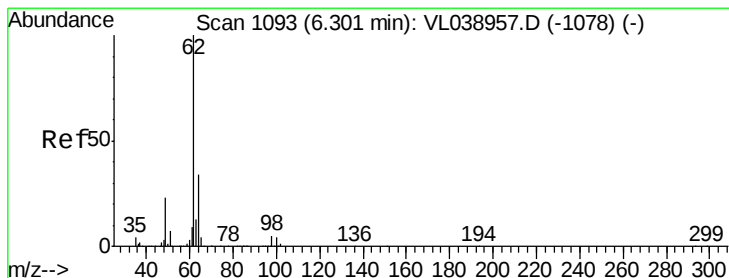
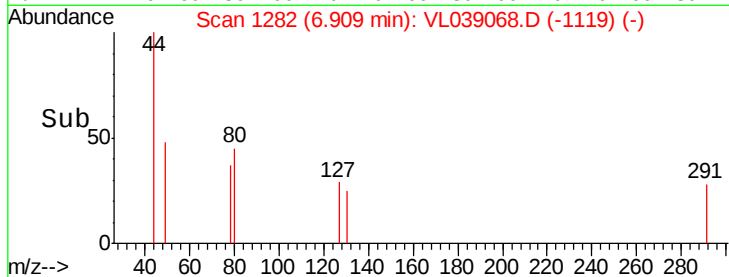
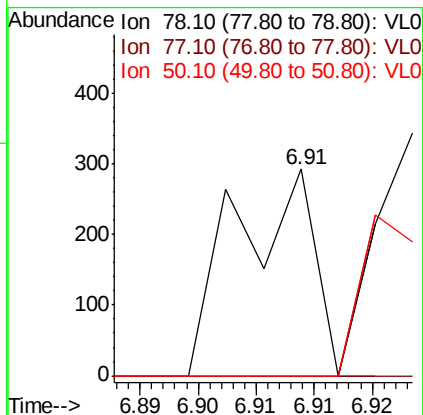
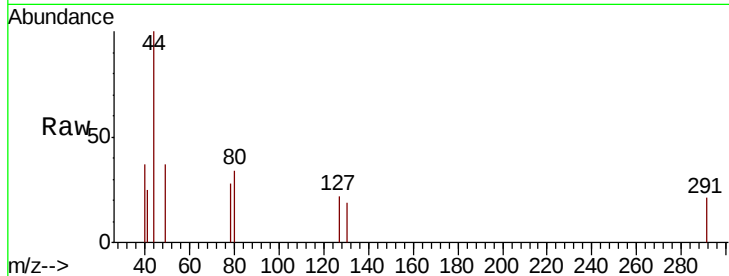
RT: 6.91 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 13:12 VL0517ABL01

Tot Ion:	78	Resp:	137
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: 0.000 ppbv

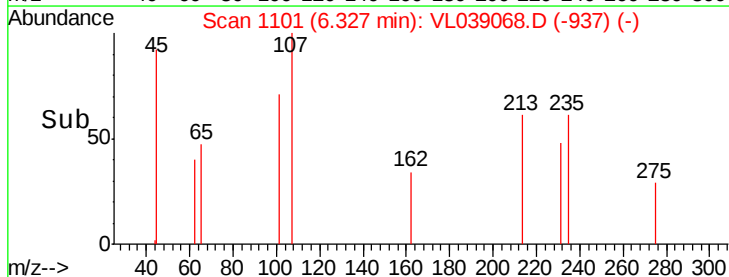
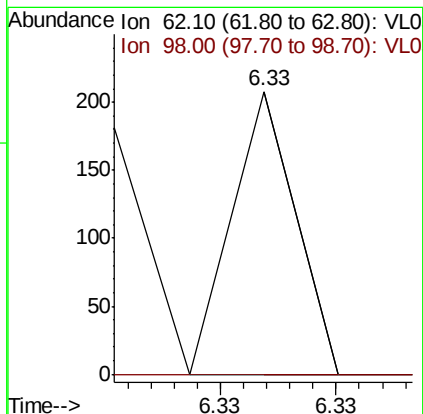
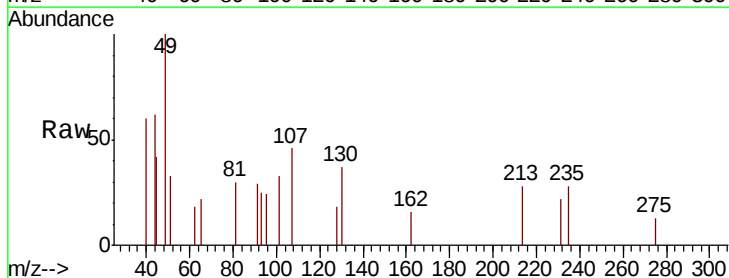
RT: 6.33 min Scan# 1101

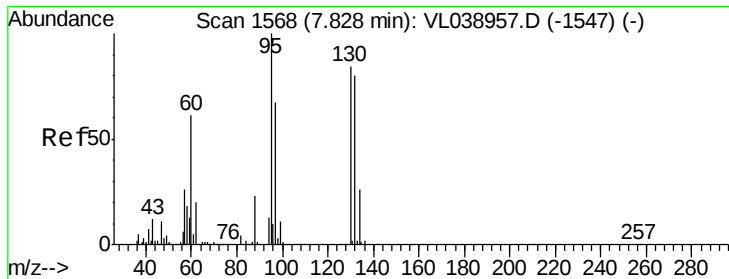
Delta R.T. 0.03 min

Lab File: VL039068.D

Acq: 17 May 2022 13:12

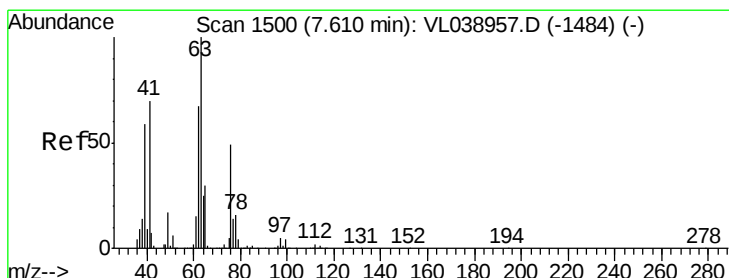
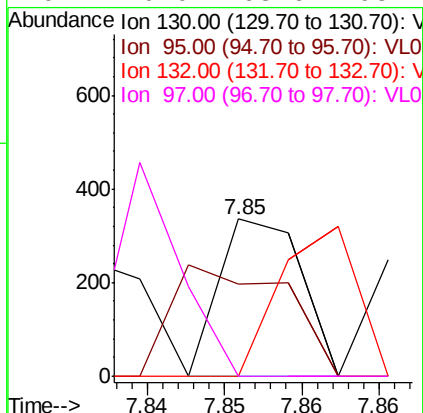
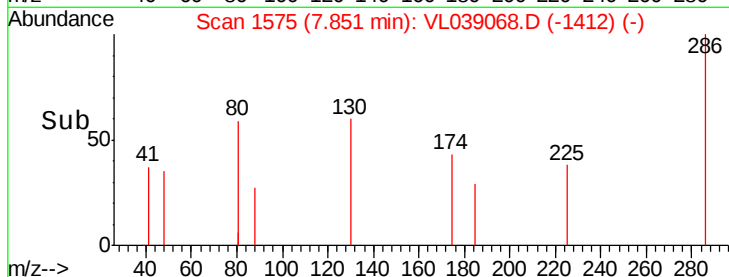
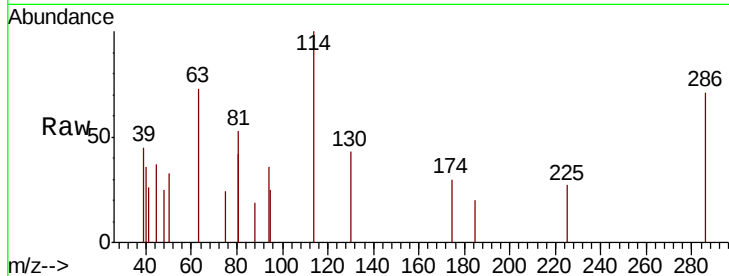
Tgt Ion:	62	Resp:	40
Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.5	6.7#





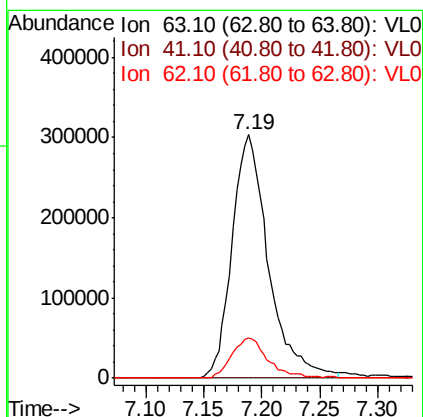
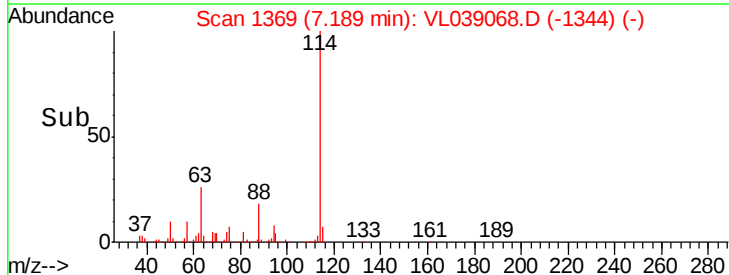
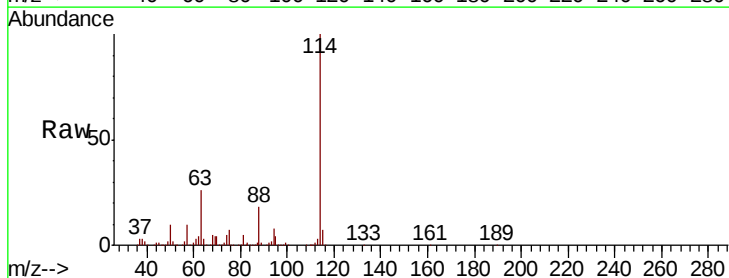
#38
 Trichloroethene
 Concen: 0.001 ppbv
 RT: 7.85 Instrument: MSVOA_1
 Delta R.T. ClientSampleId:
 Lab File: VL0517ABL01
 Acq: 17 May 2022 13:12

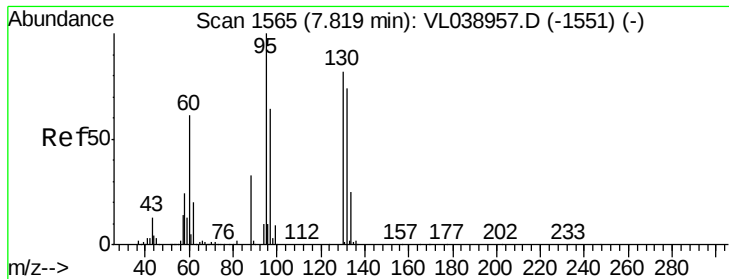
Tot Ion:	130	Resp:	124
Ion	Ratio	Lower	Upper
130	100		
95	58.3	94.8	142.2#
132	0.0	75.8	113.8#
97	0.0	63.6	95.4#



#39
 1,2-Dichloropropane
 Concen: 7.602 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.42 min
 Lab File: VL039068.D
 Acq: 17 May 2022 13:12

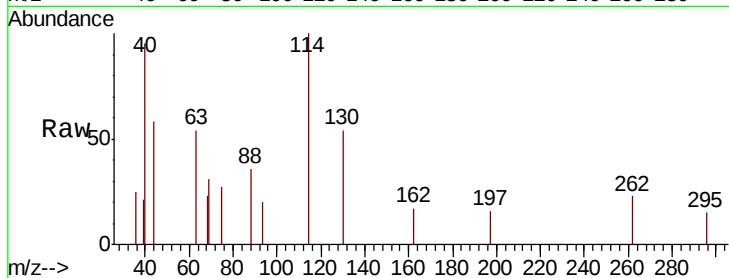
Tgt Ion:	63	Resp:	659768
Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	16.5	53.8	80.6#



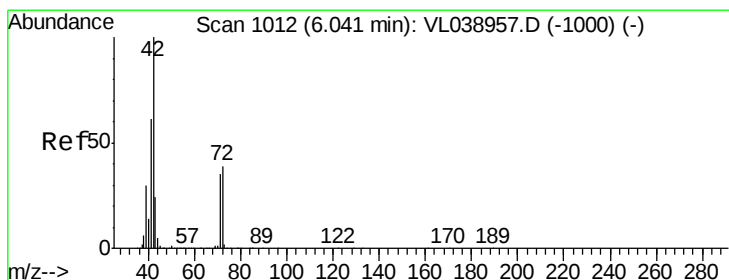
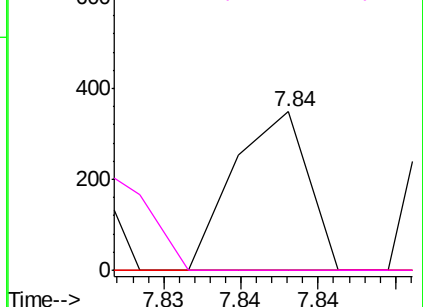
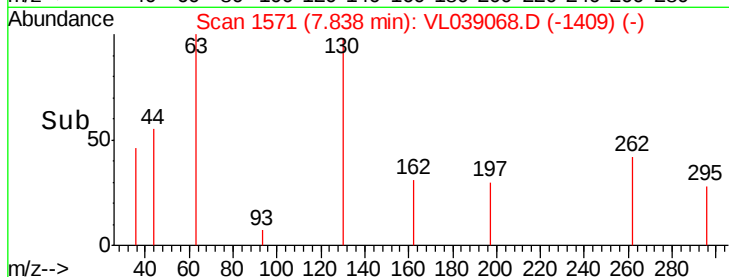


#40
 1,4-Dioxane
 Concen: 0.004 ppbv
 RT: 7.84
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0517ABL01
 Acq: 17 May 2022 13:12

Tot Ion: 88 Resp: 116
 Ion Ratio Lower Upper
 88 100
 58 0.0 106.1 159.1#
 43 0.0 222.9 334.3#
 57 68.1 957.6 1436.4#

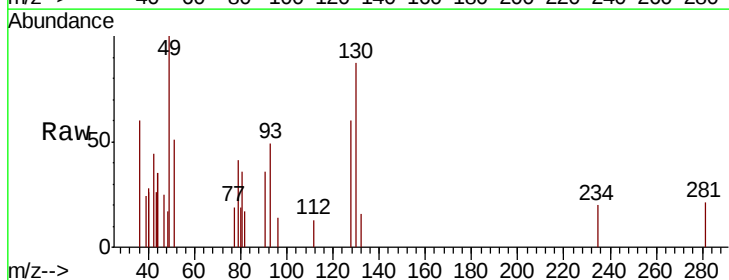


Abundance Ion 88.10 (87.80 to 88.80): VL0
 Ion 58.10 (57.80 to 58.80): VL0
 Ion 43.10 (42.80 to 43.80): VL0
 Ion 57.10 (56.80 to 57.80): VL0

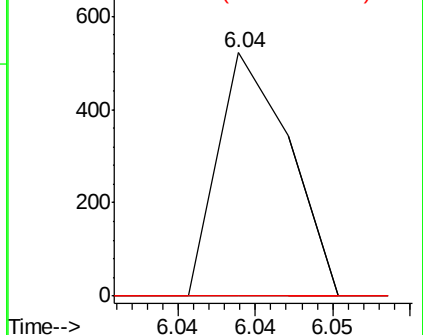
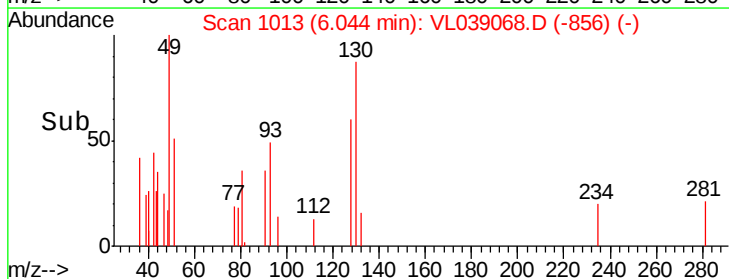


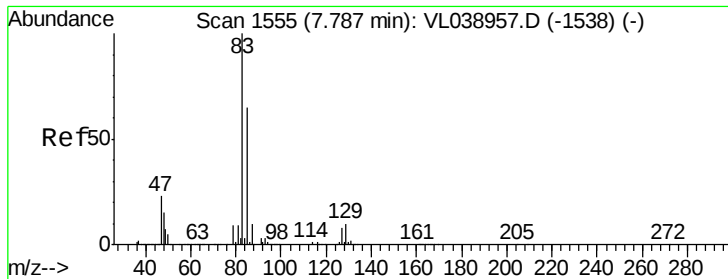
#41
 Tetrahydrofuran
 Concen: 0.002 ppbv
 RT: 6.04 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VL039068.D
 Acq: 17 May 2022 13:12

Tgt Ion: 42 Resp: 167
 Ion Ratio Lower Upper
 42 100
 72 0.0 31.8 47.6#
 71 0.0 30.6 45.8#



Abundance Ion 42.10 (41.80 to 42.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0
 Ion 71.10 (70.80 to 71.80): VL0





#42

Bromodichloromethane

Concen: 0.001 ppbv

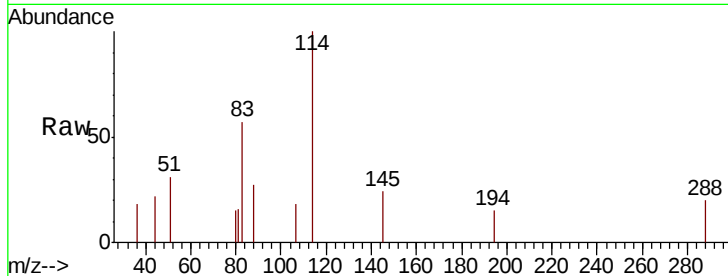
RT: 7.81 Instrument:

Delta R.T. MSVOA_1

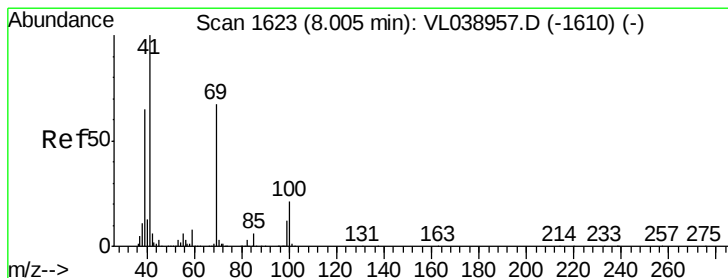
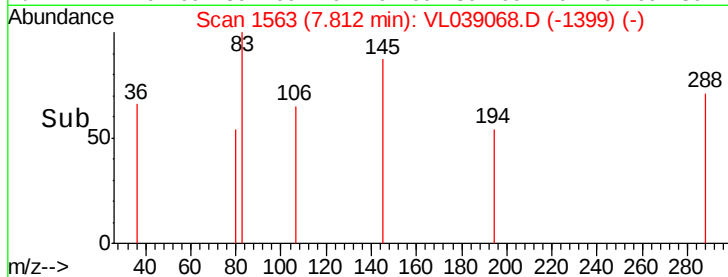
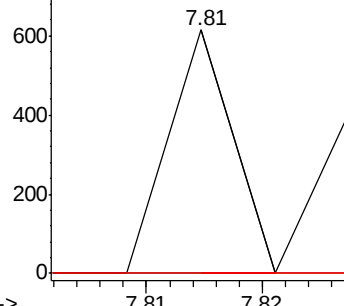
Lab File: ClientSampleId:

Acq: 17 May 2022 13:12 VL0517ABL01

Tot Ion:	83	Resp:	119
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): V



#43

Methyl Methacrylate

Concen: 0.002 ppbv

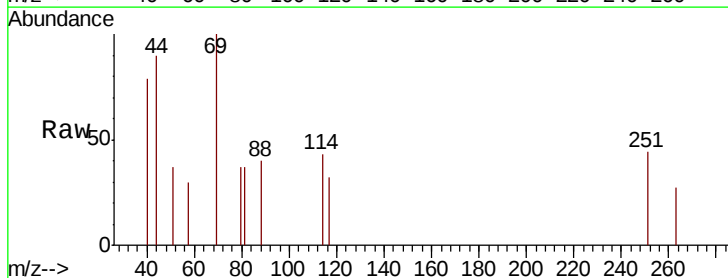
RT: 8.03 min Scan# 1631

Delta R.T. 0.03 min

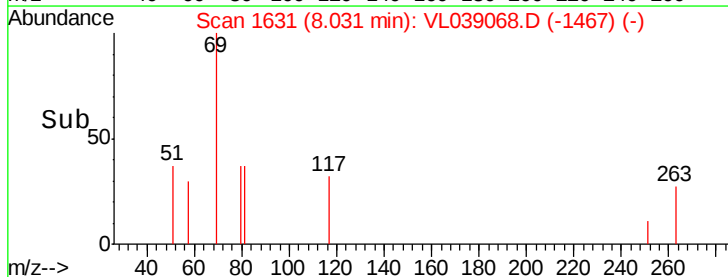
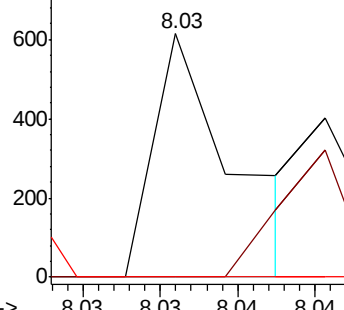
Lab File: VL039068.D

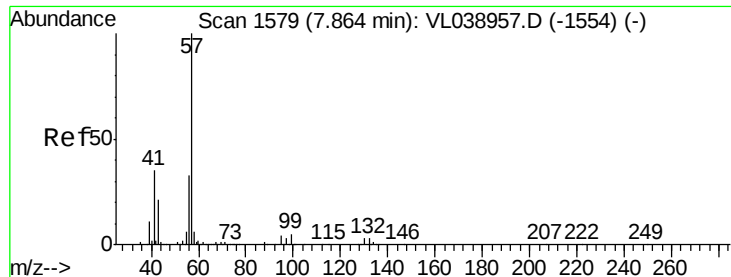
Acq: 17 May 2022 13:12

Tgt Ion:	69	Resp:	218
Ion	Ratio	Lower	Upper
69	100		
41	13.8	121.9	182.9#
100	0.0	24.6	36.8#



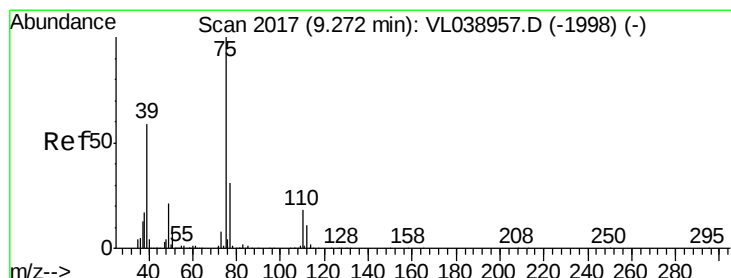
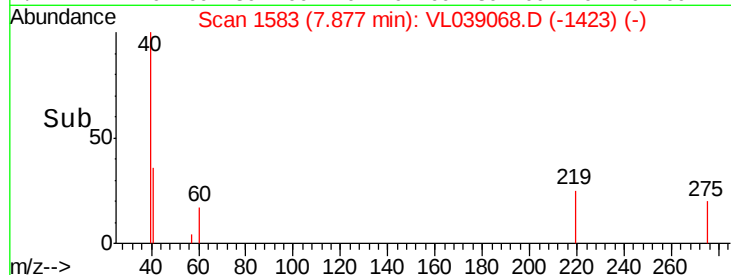
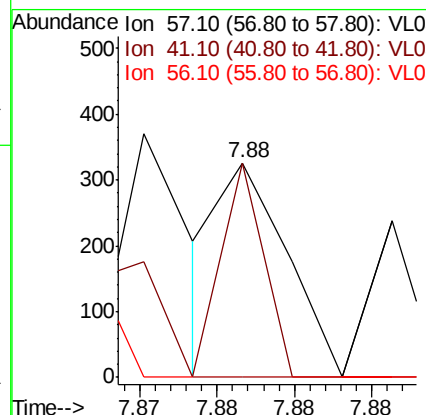
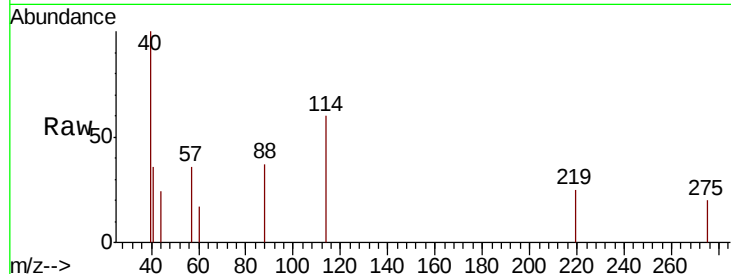
Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL





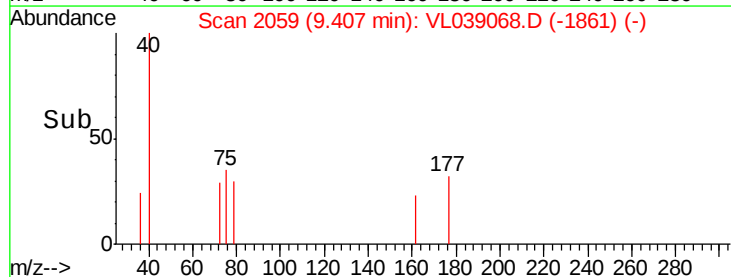
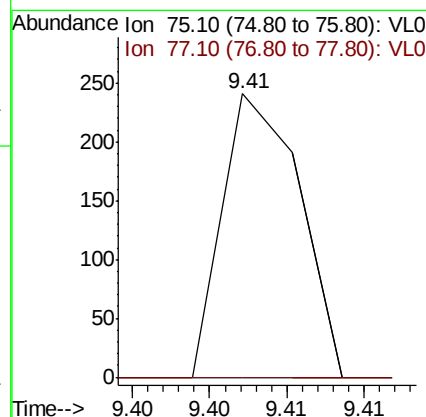
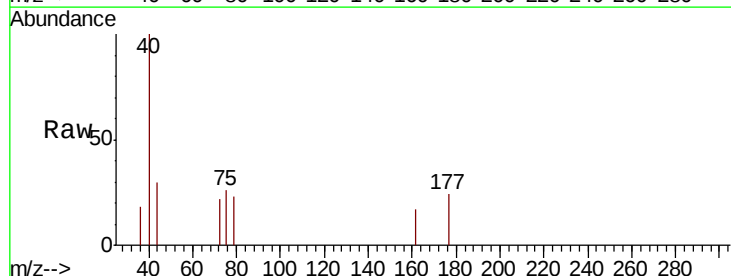
#44
 2,2,4-Trimethylpentane
 Concen: 0.000 ppbv
 RT: 7.88
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0517ABL01
 Acq: 17 May 2022 13:12

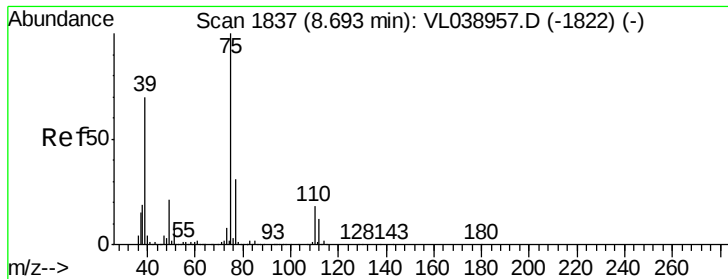
Tot Ion: 57 Resp: 97
 Ion Ratio Lower Upper
 57 100
 41 222.7 26.3 39.5#
 56 0.0 24.6 37.0#



#45
 t-1,3-Dichloropropene
 Concen: 0.001 ppbv
 RT: 9.41 min Scan# 2059
 Delta R.T. 0.14 min
 Lab File: VL039068.D
 Acq: 17 May 2022 13:12

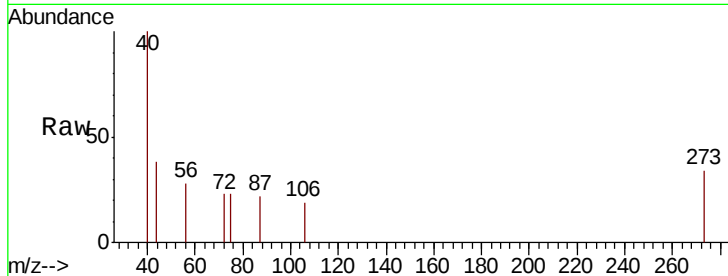
Tgt Ion: 75 Resp: 83
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 37.0#



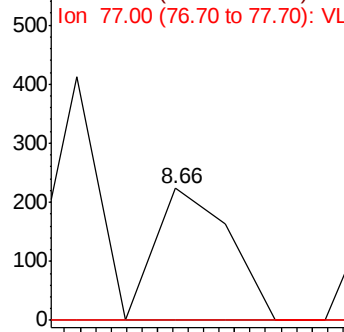


#46
 cis-1,3-Dichloropropene
 Concen: 0.001 ppbv
 RT: 8.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0517ABL01
 Acq: 17 May 2022 13:12

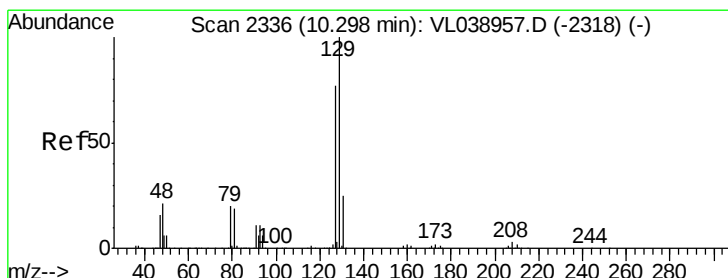
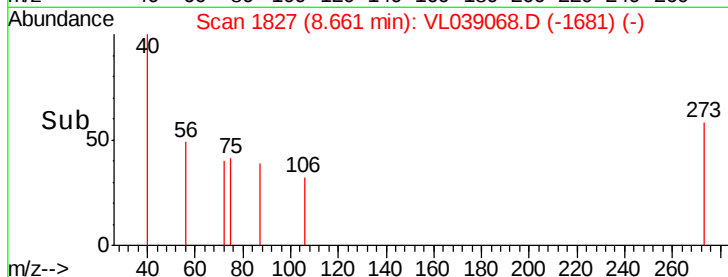
Tot Ion	Ratio	Lower	Upper
75	100		
39	0.0	55.8	83.6#
77	0.0	24.8	37.2#



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

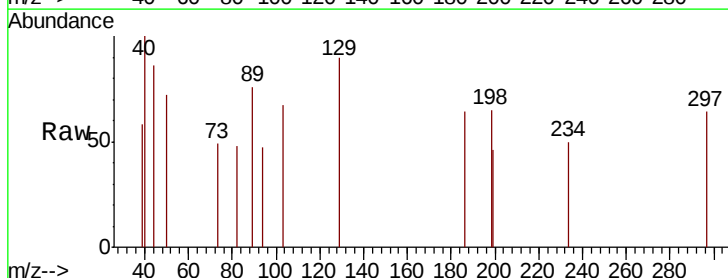


Time-->

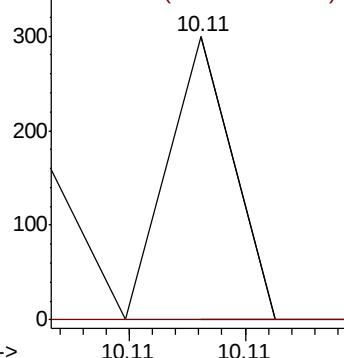


#48
 Dibromochloromethane
 Concen: 0.000 ppbv
 RT: 10.11 min Scan# 2277
 Delta R.T. -0.19 min
 Lab File: VL039068.D
 Acq: 17 May 2022 13:12

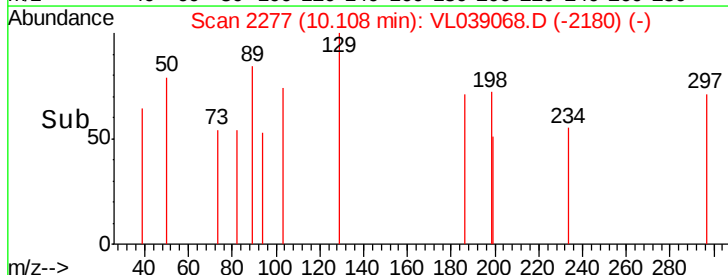
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.3	117.9#

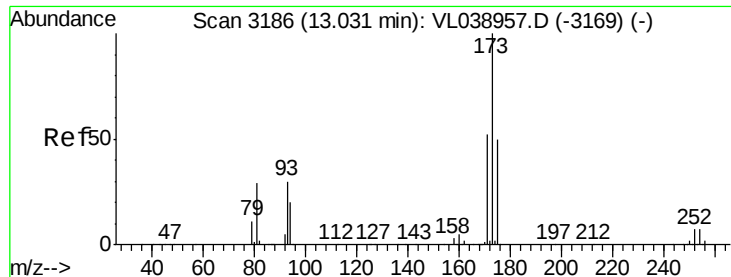


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V



Time-->





#49

Bromoform

Concen: 0.000 ppbv

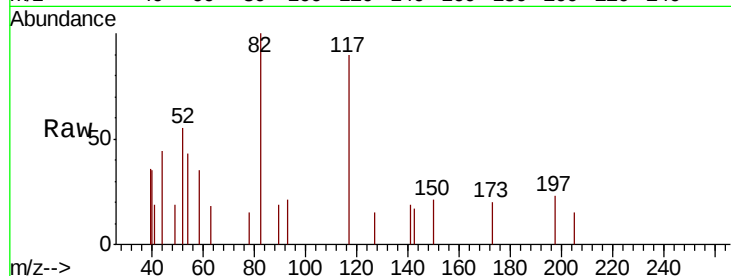
RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampled:

Acq: 17 May 2022 13:12

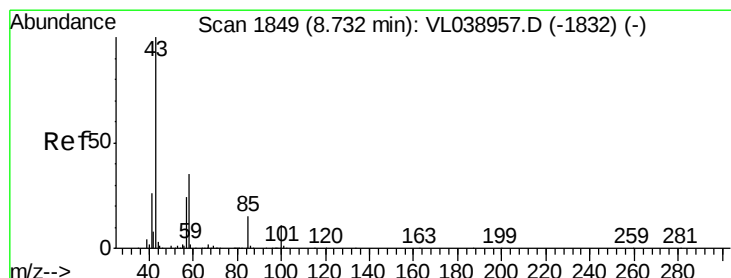
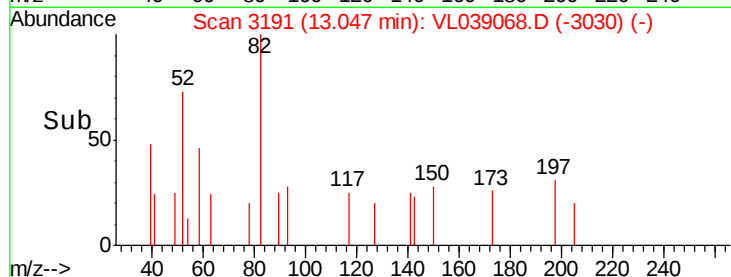
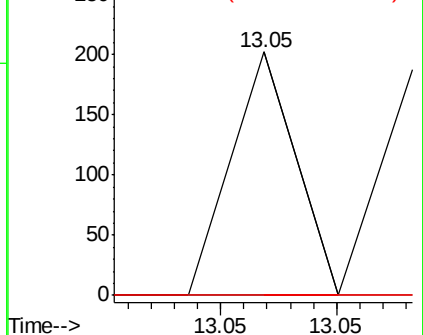
Tot Ion:	173	Resp:	39
Ion	Ratio	Lower	Upper
173	100		
175	0.0	41.0	61.6#
171	0.0	42.6	64.0#



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



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

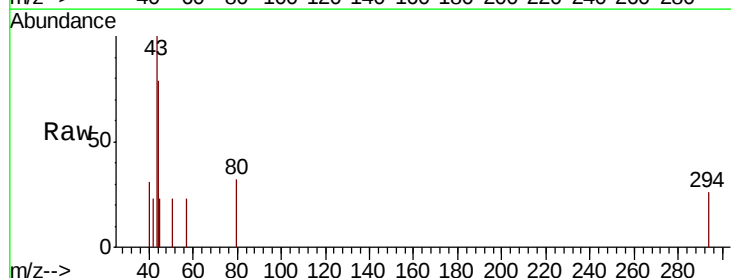
RT: 8.77 min Scan# 1861

Delta R.T. 0.04 min

Lab File: VL039068.D

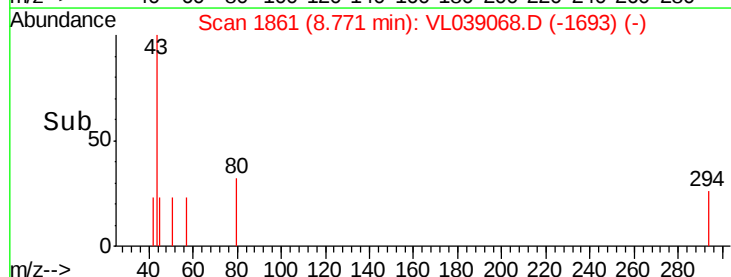
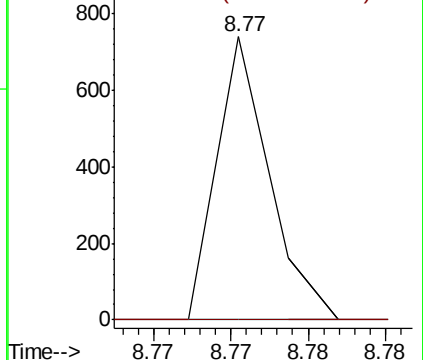
Acq: 17 May 2022 13:12

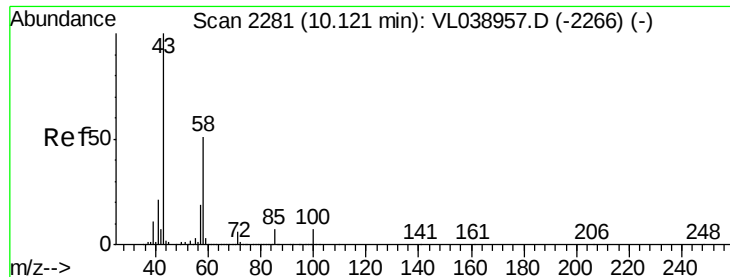
Tgt Ion:	43	Resp:	174
Ion	Ratio	Lower	Upper
43	100		
58	20.7	28.4	42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

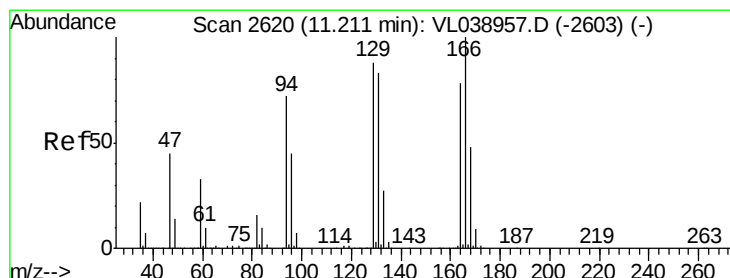
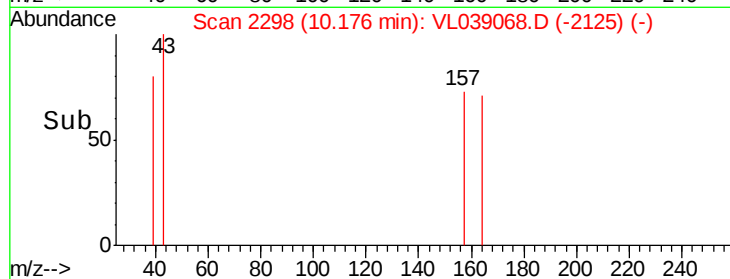
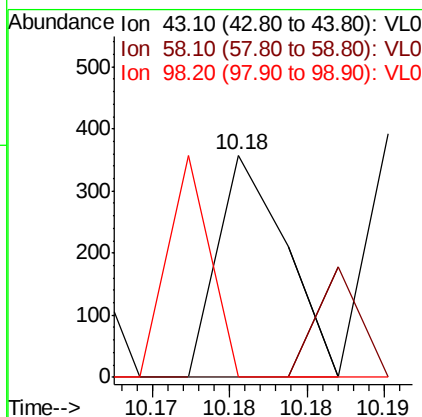
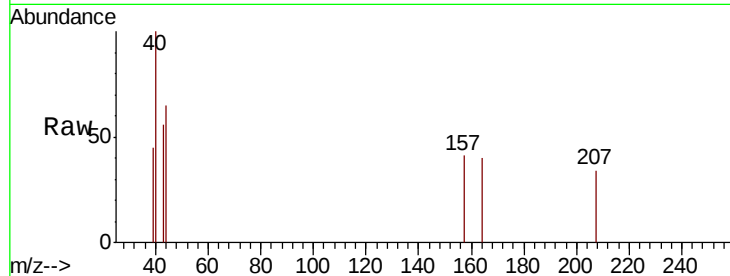
Ion 58.10 (57.80 to 58.80): VL0





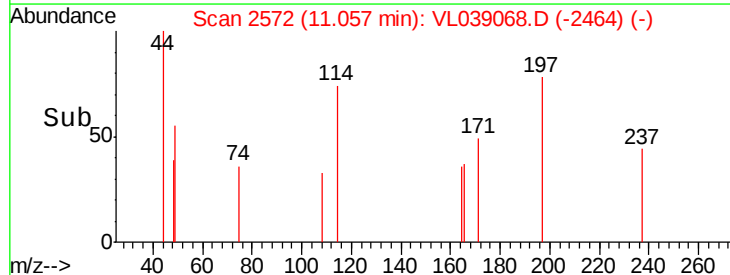
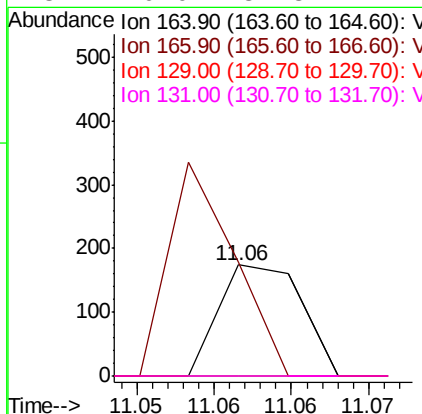
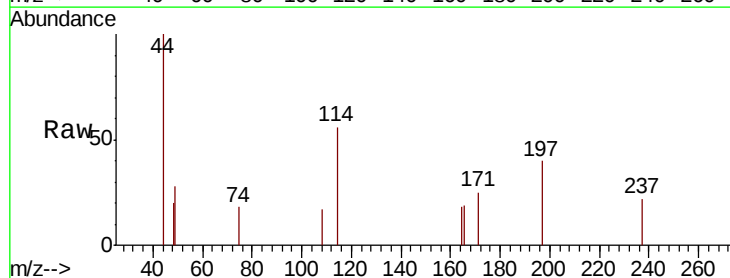
#51
2-Hexanone
Concen: 0.001 ppbv
RT: 10.18 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0517ABL01
Acq: 17 May 2022 13:12

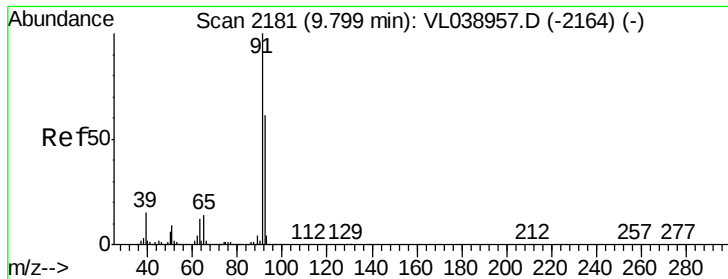
Tot Ion: 43 Resp: 110
Ion Ratio Lower Upper
43 100
58 0.0 39.3 58.9#
98 62.7 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.001 ppbv
RT: 11.06 min Scan# 2572
Delta R.T. -0.15 min
Lab File: VL039068.D
Acq: 17 May 2022 13:12

Tgt Ion: 164 Resp: 64
Ion Ratio Lower Upper
164 100
166 102.3 102.5 153.7#
129 0.0 90.1 135.1#
131 0.0 84.8 127.2#





#53

Toluene

Concen: 0.001 ppbv

RT: 9.82 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0517ABL01

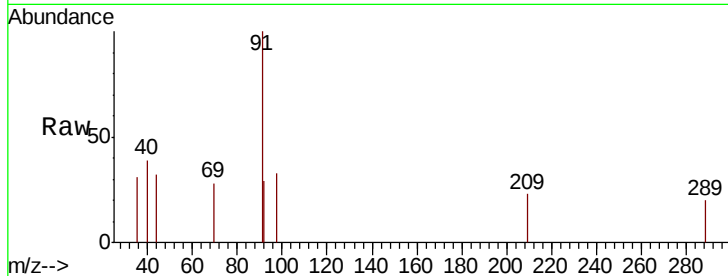
Acq: 17 May 2022 13:12

Tot Ion: 91 Resp: 352

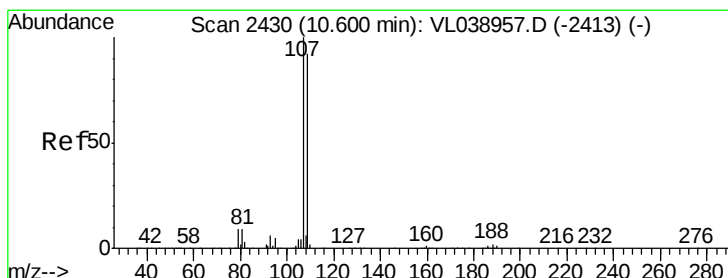
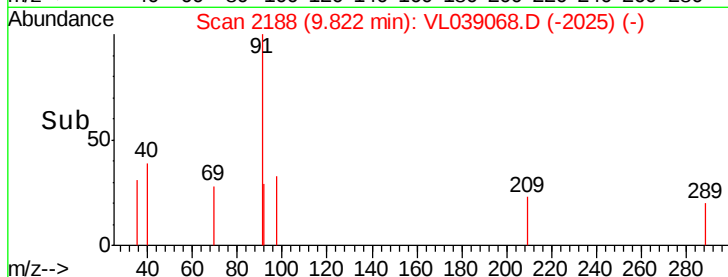
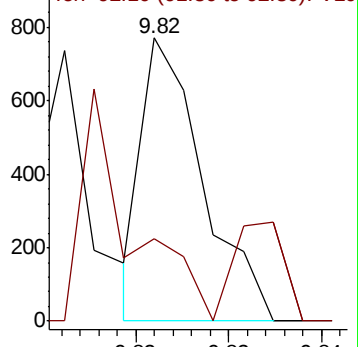
Ion Ratio Lower Upper

91 100

92 94.9 48.2 72.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0



#54

1,2-Dibromoethane

Concen: 0.001 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. 0.03 min

Lab File: VL039068.D

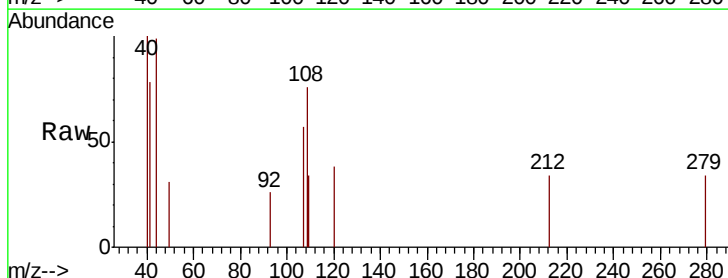
Acq: 17 May 2022 13:12

Tgt Ion: 107 Resp: 124

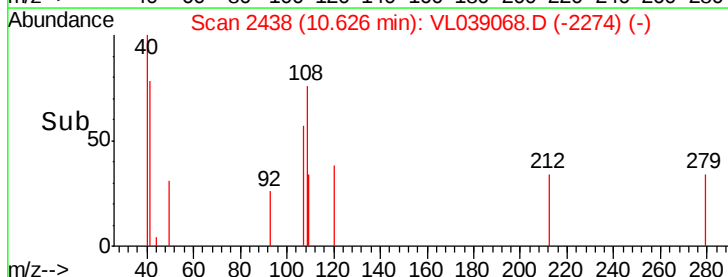
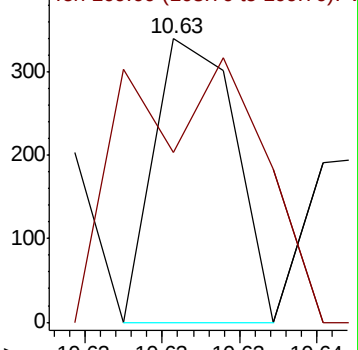
Ion Ratio Lower Upper

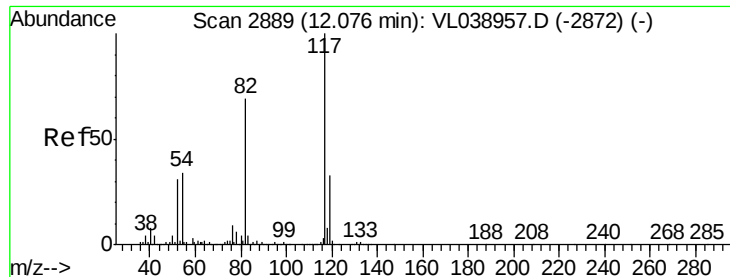
107 100

109 5.6 73.8 110.8#



Abundance Ion 107.00 (106.70 to 107.70): V

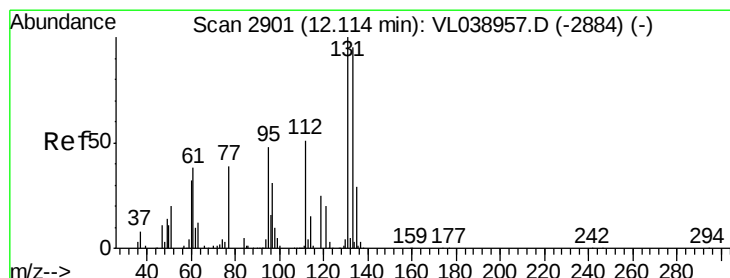
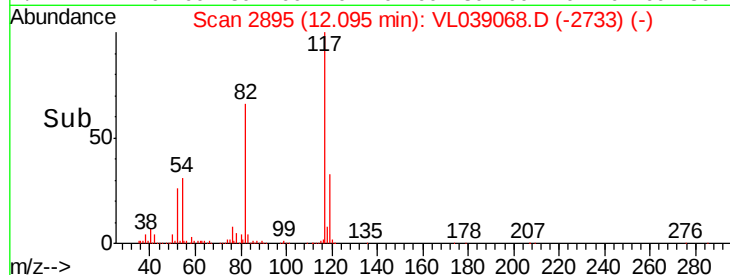
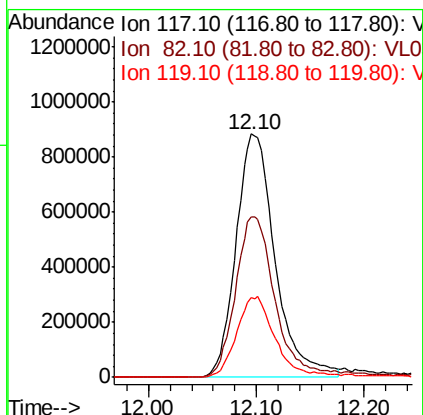
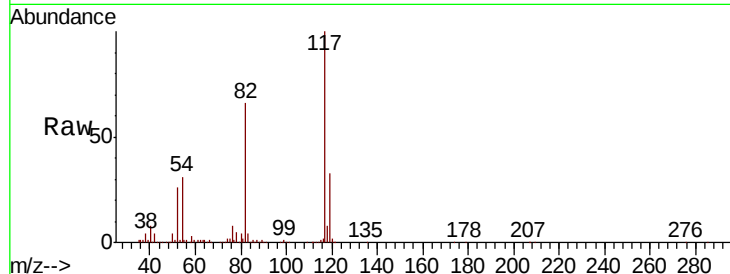




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0517ABL01
Acq: 17 May 2022 13:12

Tot Ion:117 Resp: 2231062

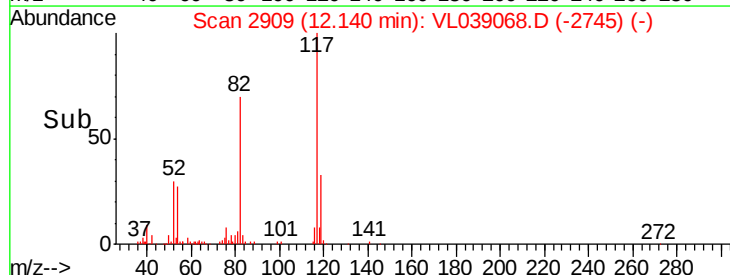
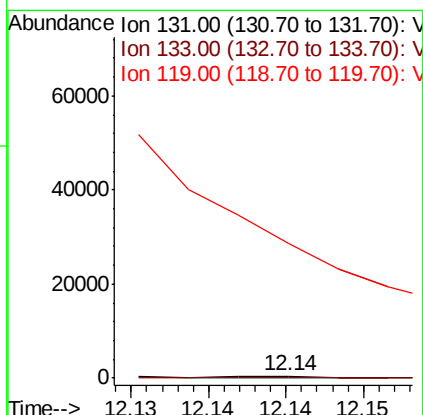
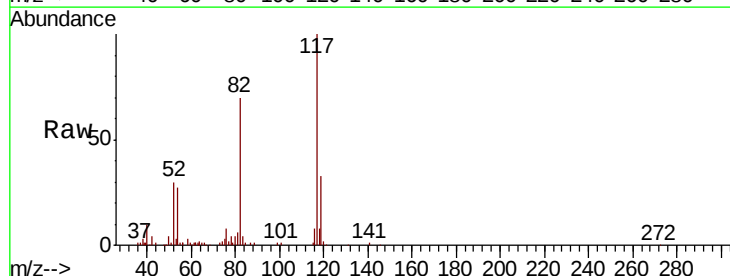
Ion	Ratio	Lower	Upper
117	100		
82	70.4	57.0	85.6
119	33.8	27.2	40.8

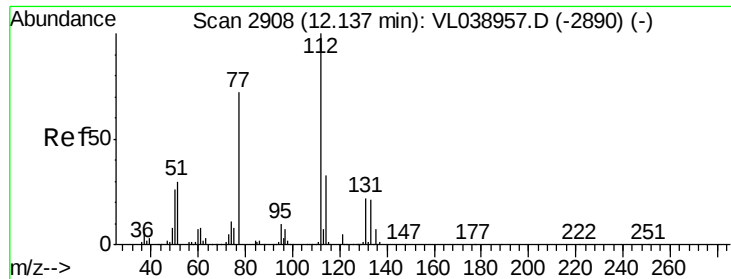


#56
1,1,1,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 12.14 min Scan# 2909
Delta R.T.: 0.03 min
Lab File: VL039068.D
Acq: 17 May 2022 13:12

Tgt Ion:131 Resp: 126

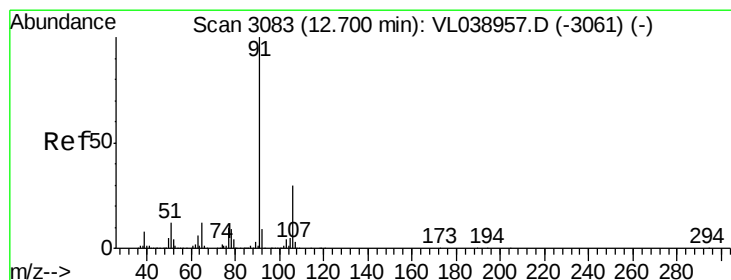
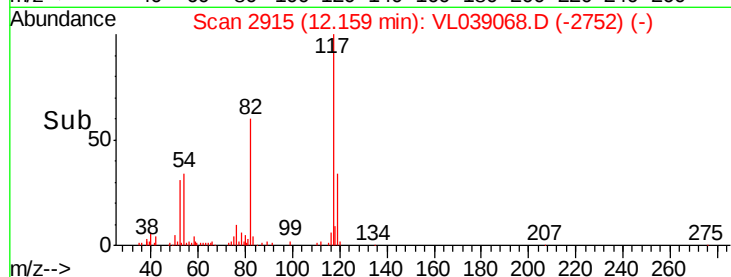
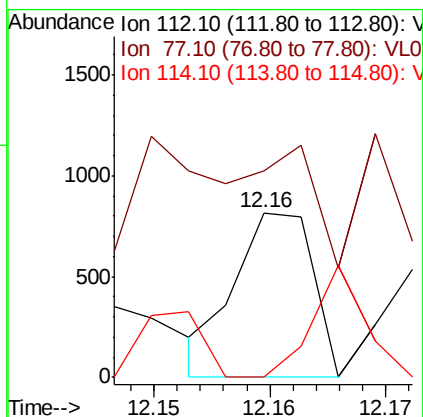
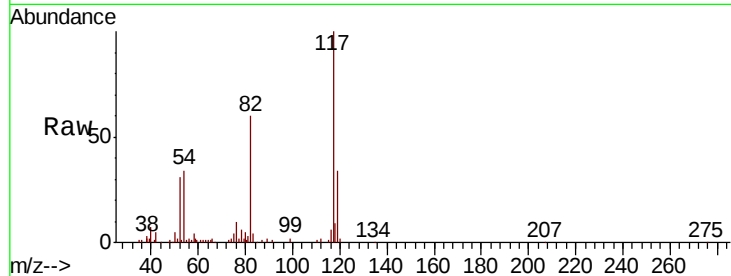
Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.9	115.3#
119	0.0	47.4	71.0#





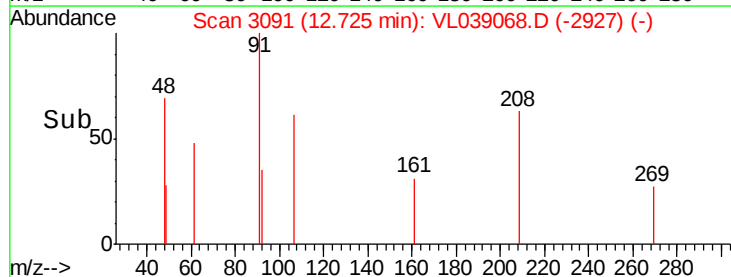
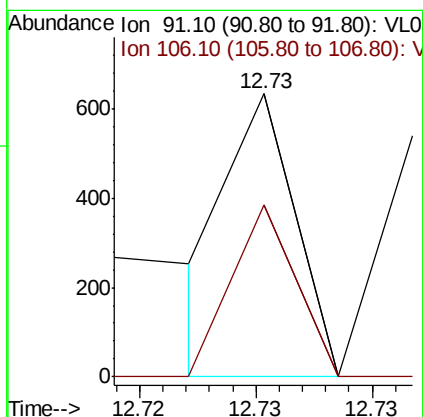
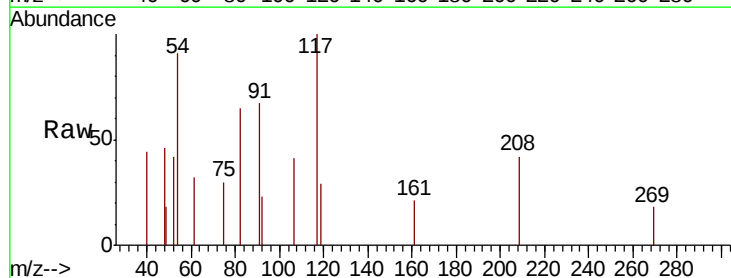
#57
Chlorobenzene
Concen: 0.002 ppbv
RT: 12.16 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0517ABL01
Acq: 17 May 2022 13:12

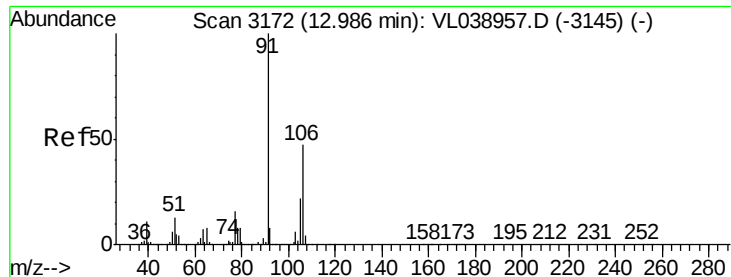
Tot Ion: 112 Resp: 381
Ion Ratio Lower Upper
112 100
77 58.8 57.7 86.5
114 0.0 30.1 36.7#



#58
Ethyl Benzene
Concen: 0.000 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. 0.03 min
Lab File: VL039068.D
Acq: 17 May 2022 13:12

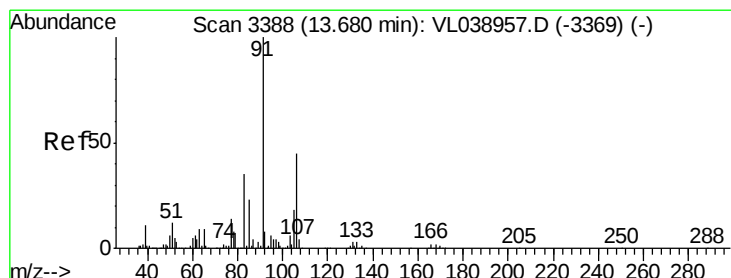
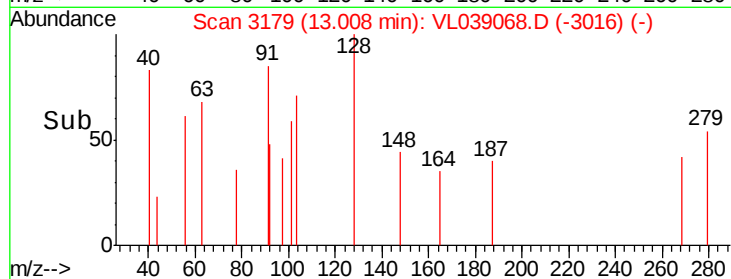
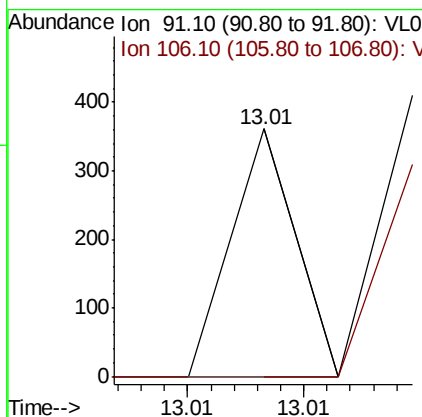
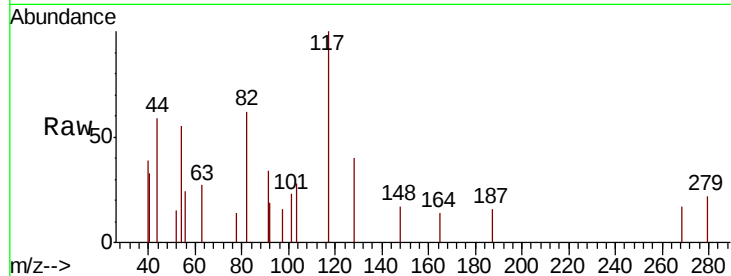
Tgt Ion: 91 Resp: 122
Ion Ratio Lower Upper
91 100
106 60.8 24.2 36.4#





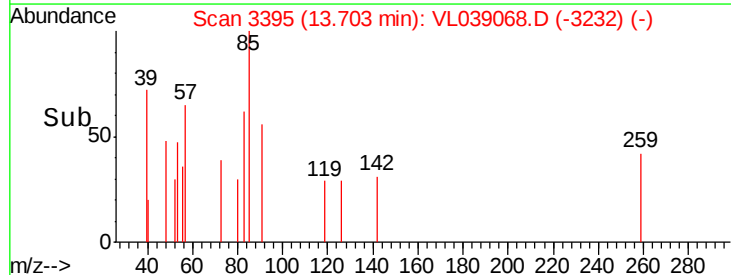
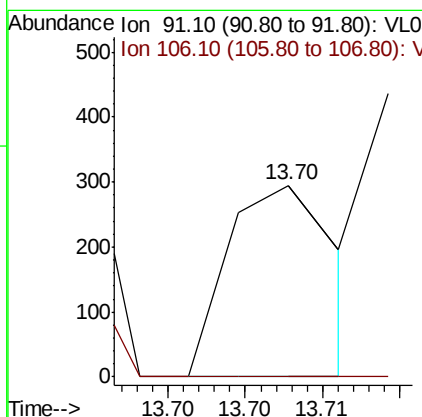
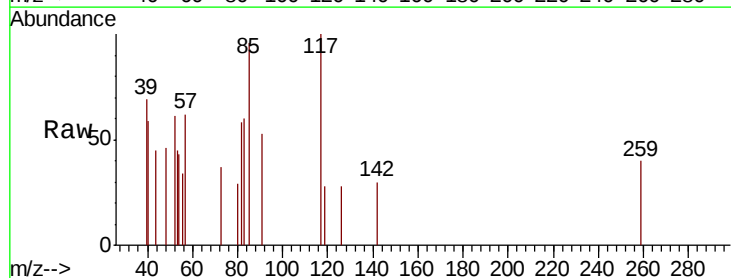
#59
m/p-Xylene
Concen: 0.000 ppbv
RT: 13.01 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0517ABL01
Acq: 17 May 2022 13:12

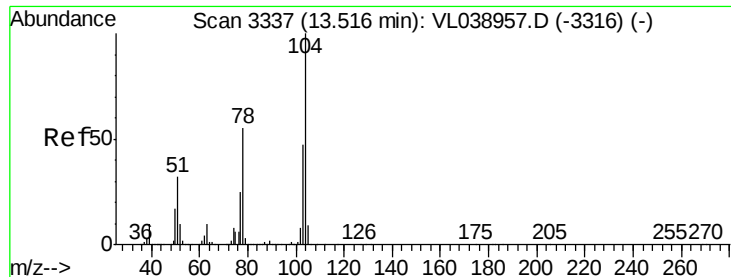
Tot Ion: 91 Resp: 70
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0#



#60
o-Xylene
Concen: 0.001 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.02 min
Lab File: VL039068.D
Acq: 17 May 2022 13:12

Tgt Ion: 91 Resp: 143
Ion Ratio Lower Upper
91 100
106 0.0 22.2 66.6#





#61

Stvrene

Concen: 0.000 ppbv

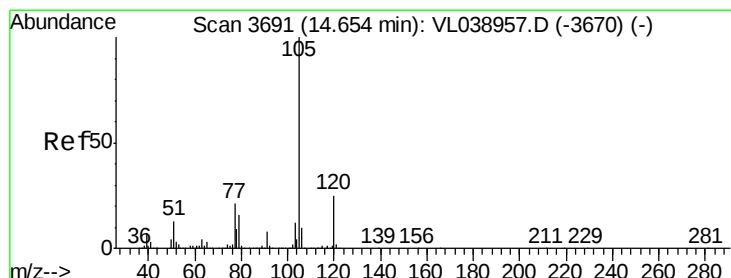
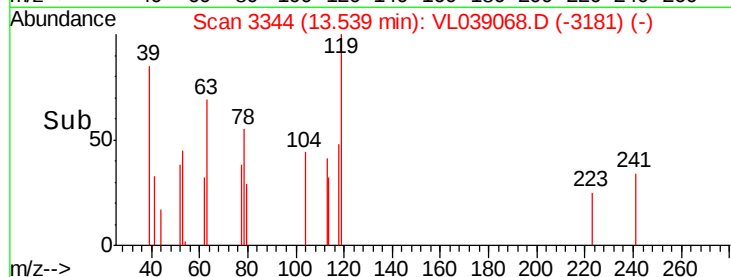
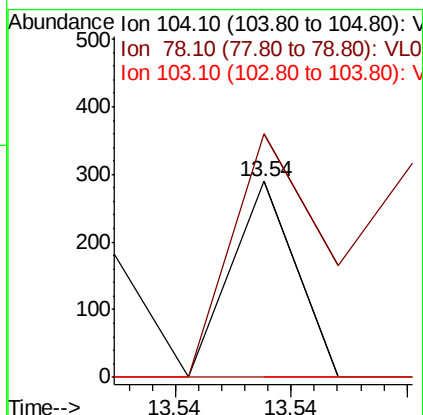
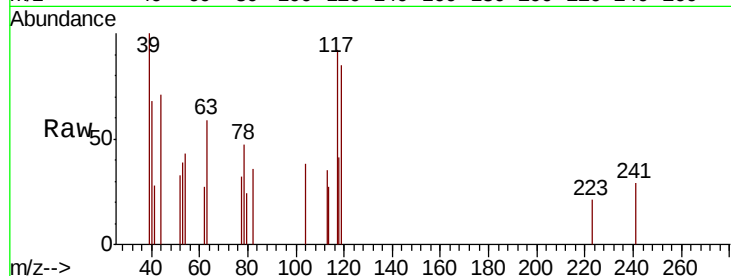
RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 13:12

Tot Ion:	104	Resp:	56
Ion	Ratio	Lower	Upper
104	100		
78	355.4	46.4	69.6#
103	0.0	39.3	58.9#



#62

Isopropylbenzene

Concen: 0.000 ppbv

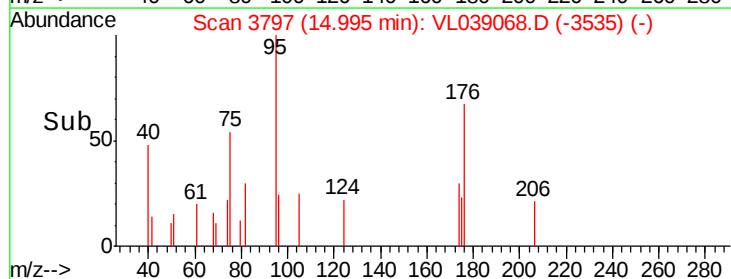
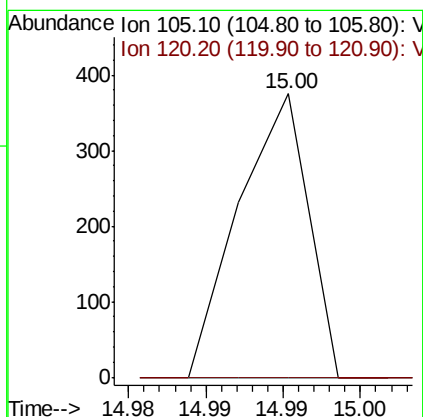
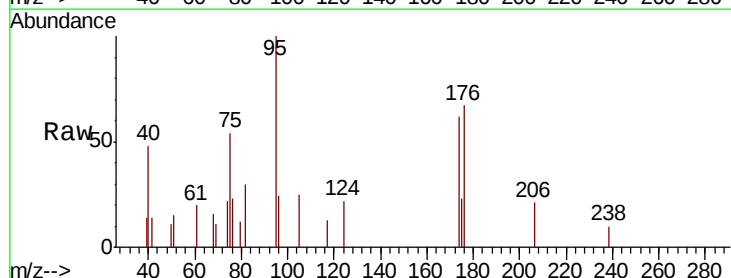
RT: 15.00 min Scan# 3797

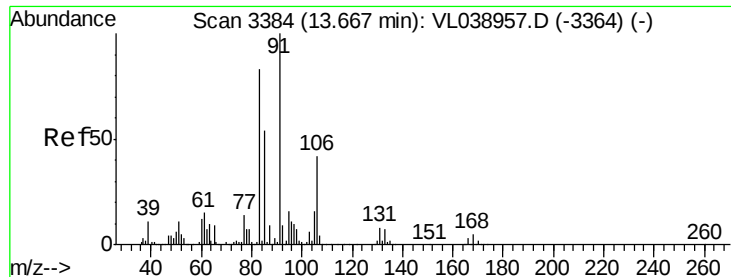
Delta R.T. 0.34 min

Lab File: VL039068.D

Acq: 17 May 2022 13:12

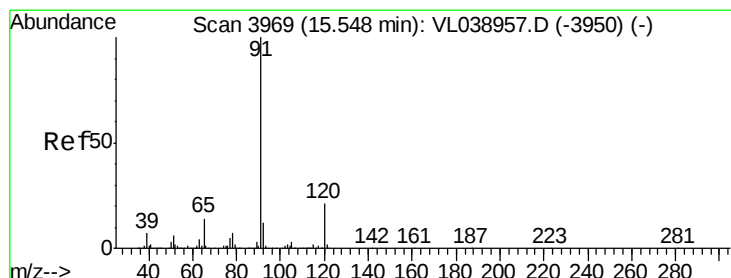
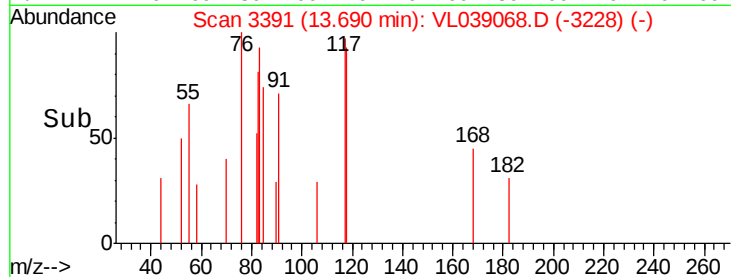
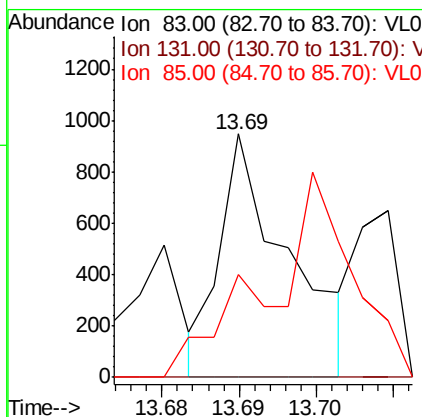
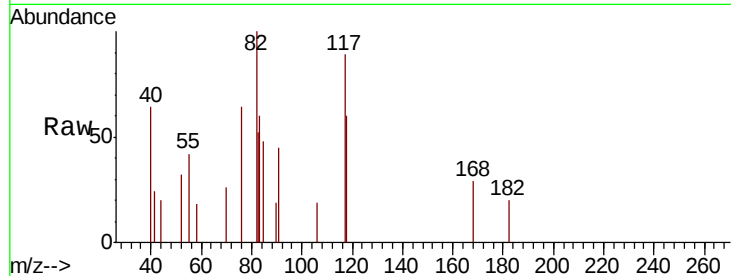
Tgt Ion:	105	Resp:	117
Ion	Ratio	Lower	Upper
105	100		
120	29.1	20.5	30.7





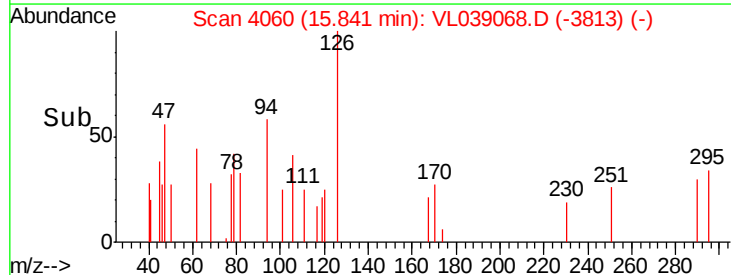
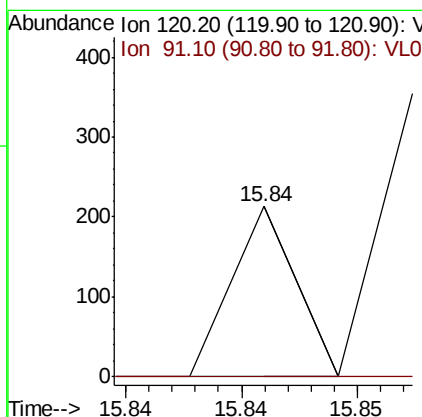
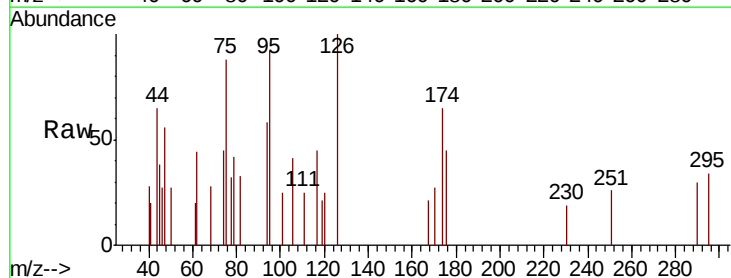
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.004 ppbv
 RT: 13.69 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0517ABL01
 Acq: 17 May 2022 13:12

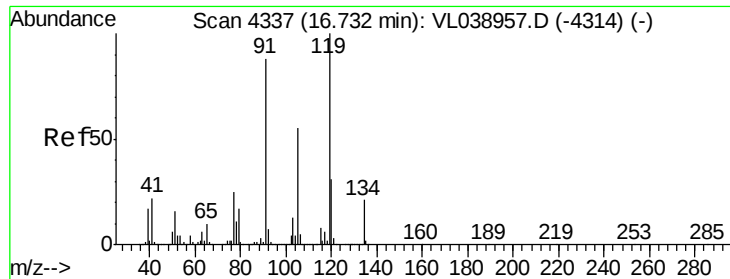
Tot Ion: 83 Resp: 581
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.5 13.7#
 85 0.0 32.8 98.3#



#64
 n-propylbenzene
 Concen: 0.000 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. 0.29 min
 Lab File: VL039068.D
 Acq: 17 May 2022 13:12

Tgt Ion: 120 Resp: 41
 Ion Ratio Lower Upper
 120 100
 91 490.2 400.6 601.0





#65

tert-Butylbenzene

Concen: 0.001 ppbv

RT: 16.76 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 13:12

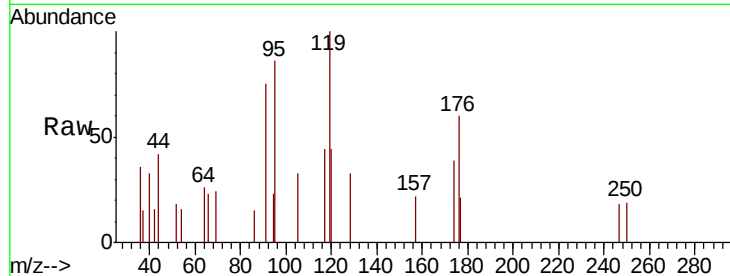
Tot Ion: 119 Resp: 391

Ion Ratio Lower Upper

119 100

91 266.5 69.4 104.2#

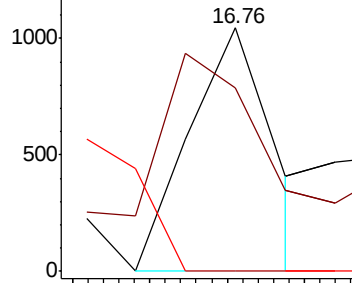
134 0.0 15.8 23.8#



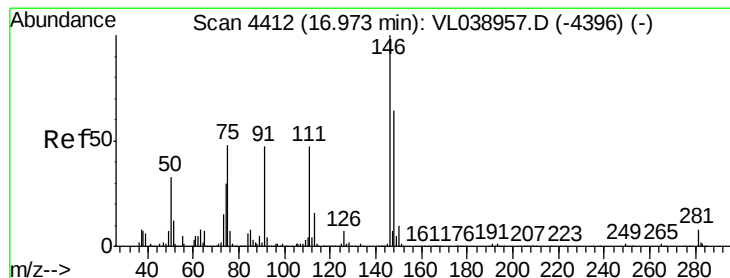
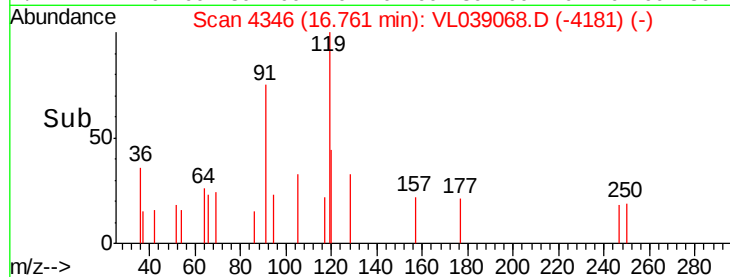
Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



Time-->



#66

Benzyl Chloride

Concen: 0.004 ppbv

RT: 17.02 min Scan# 4426

Delta R.T. 0.05 min

Lab File: VL039068.D

Acq: 17 May 2022 13:12

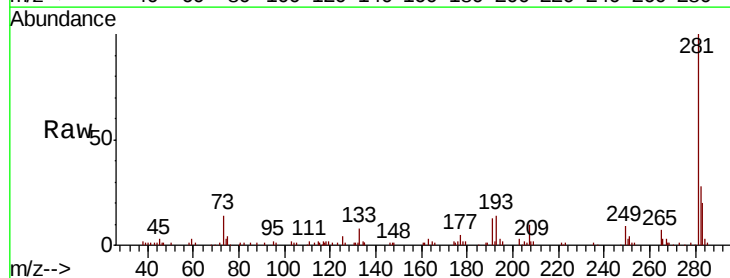
Tgt Ion: 91 Resp: 176

Ion Ratio Lower Upper

91 100

126 1196.6 11.8 17.6#

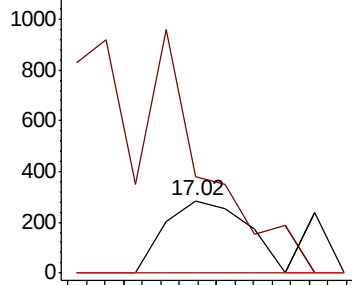
128 42.0 4.2 6.2#



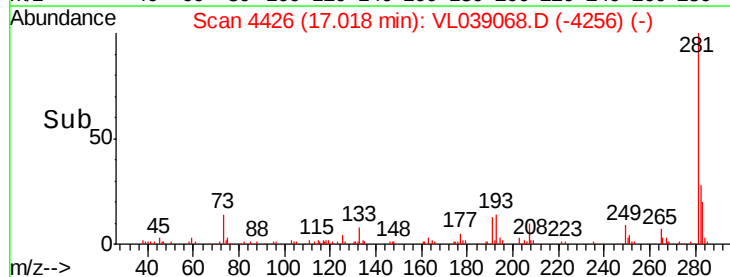
Abundance Ion 91.10 (90.80 to 91.80): VL0

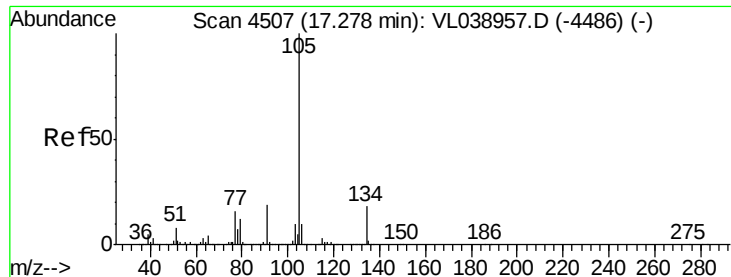
Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V



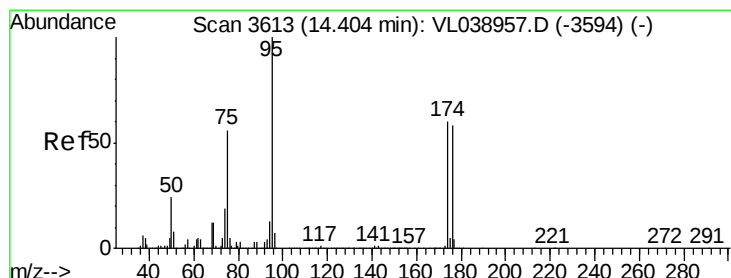
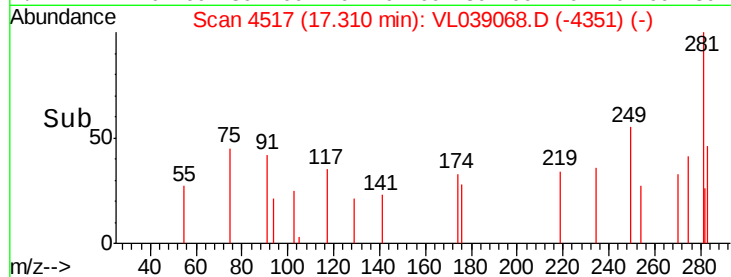
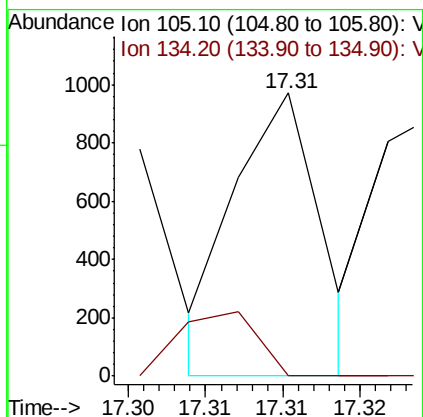
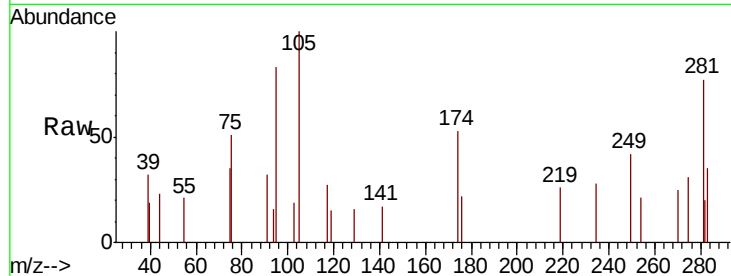
Time-->





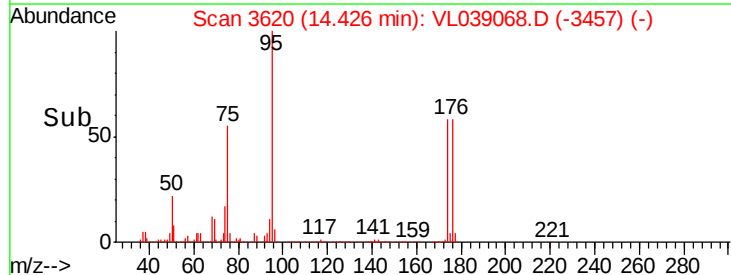
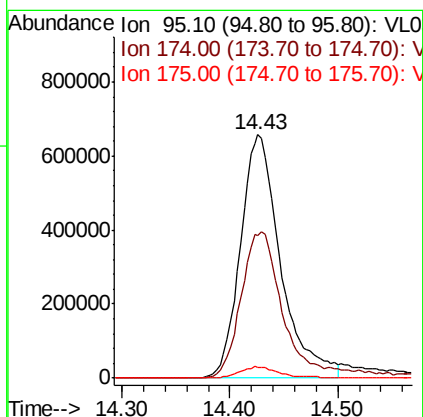
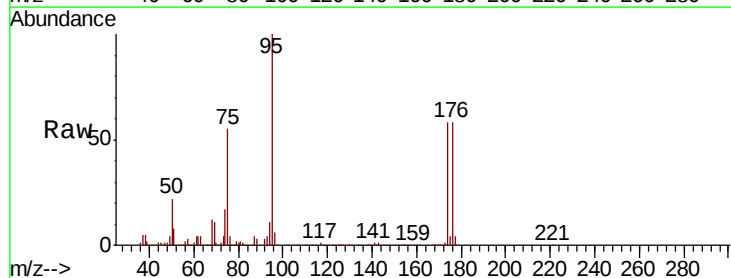
#67
 sec-Butylbenzene
 Concen: 0.001 ppbv
 RT: 17.31 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled : VL0517ABL01
 Acq: 17 May 2022 13:12

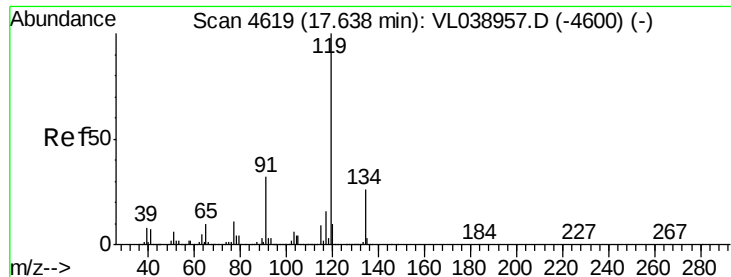
Tot Ion: 105 Resp: 375
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.2 21.4#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.613 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. 0.02 min
 Lab File: VL039068.D
 Acq: 17 May 2022 13:12

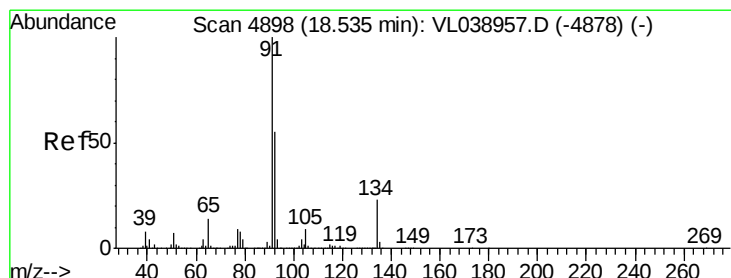
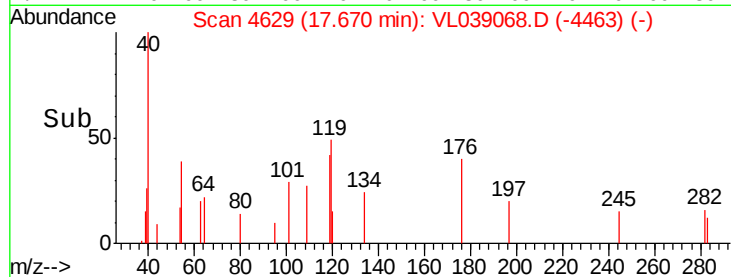
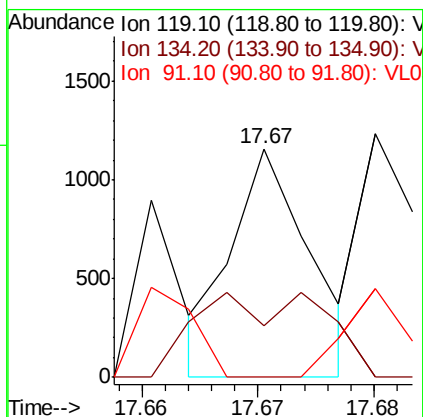
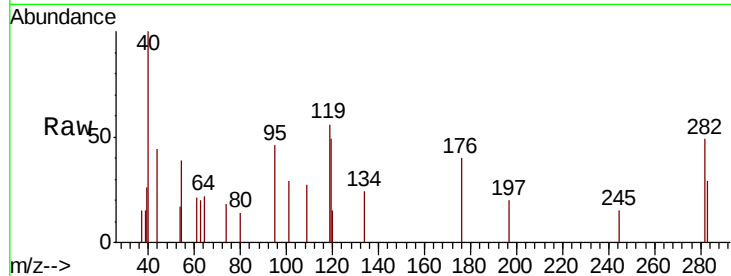
Tgt Ion: 95 Resp: 1698594
 Ion Ratio Lower Upper
 95 100
 174 67.0 50.8 76.2
 175 4.7 3.8 5.6





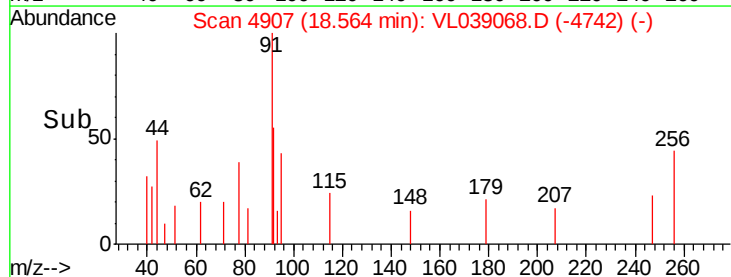
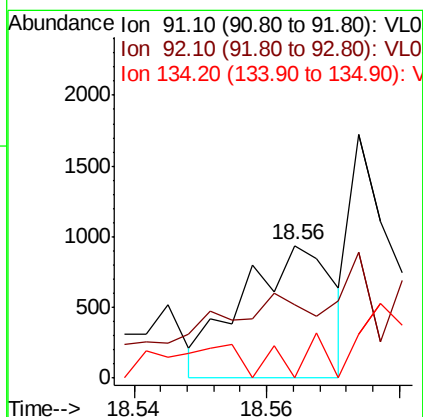
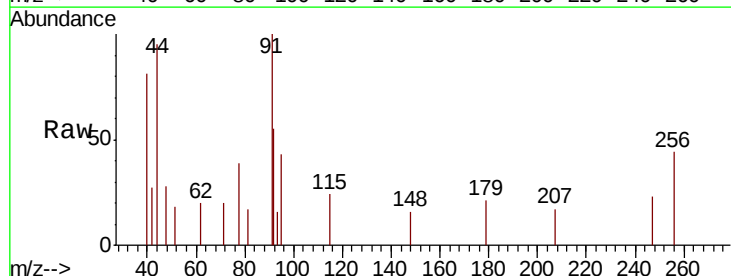
#69
 p-Isopropyltoluene
 Concen: 0.001 ppbv
 RT: 17.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0517ABL01
 Acq: 17 May 2022 13:12

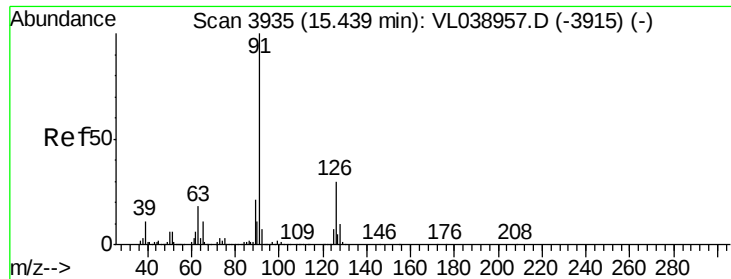
Tot Ion	Ratio	Lower	Upper
119	100		
134	70.8	20.0	30.0#
91	0.0	24.8	37.2#



#70
 n-Butylbenzene
 Concen: 0.002 ppbv
 RT: 18.56 min Scan# 4907
 Delta R.T.: 0.03 min
 Lab File: VL039068.D
 Acq: 17 May 2022 13:12

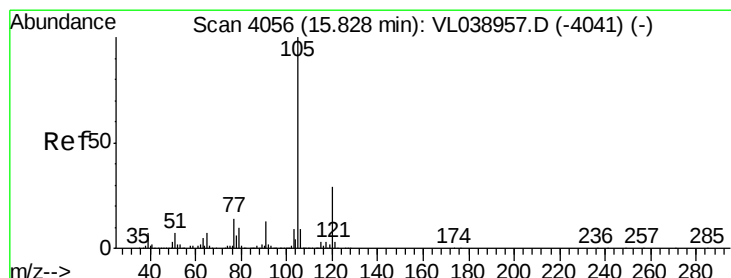
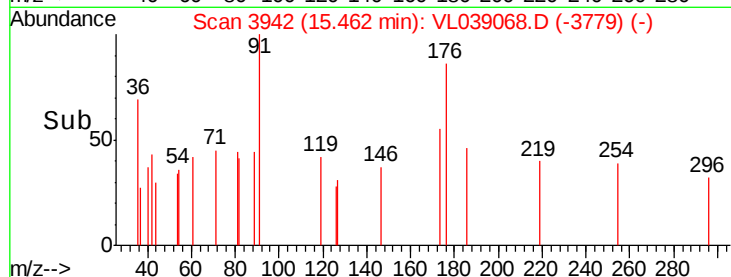
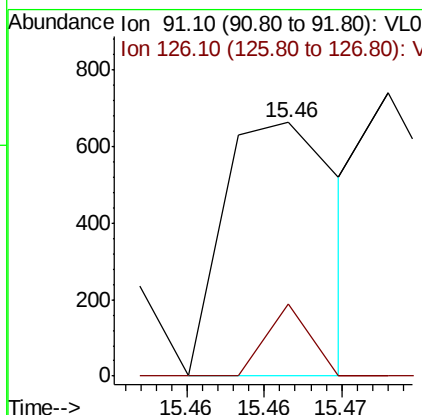
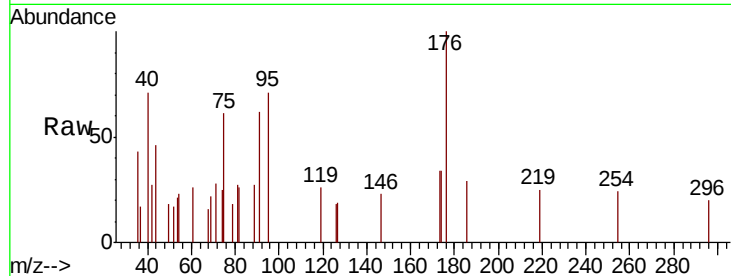
Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.1	64.7#
134	0.0	17.0	25.4#





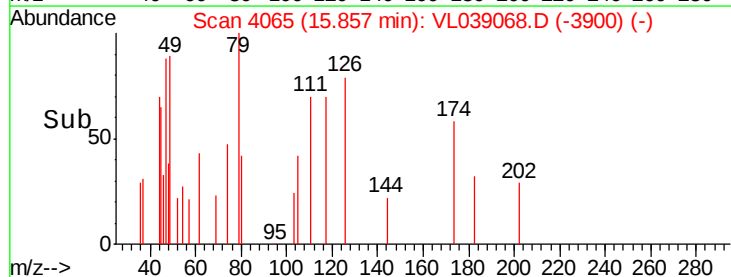
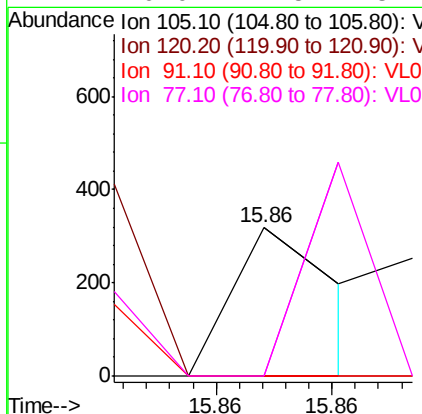
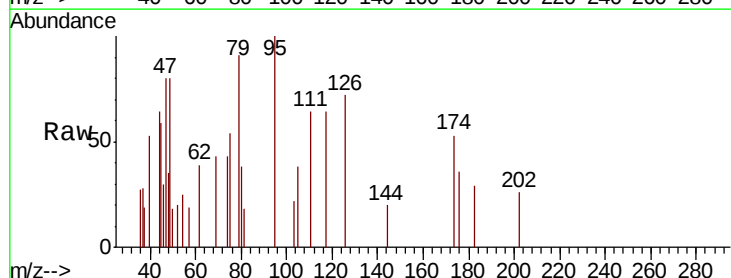
#71
 2-Chlorotoluene
 Concen: 0.001 ppbv
 RT: 15.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0517ABL01
 Acq: 17 May 2022 13:12

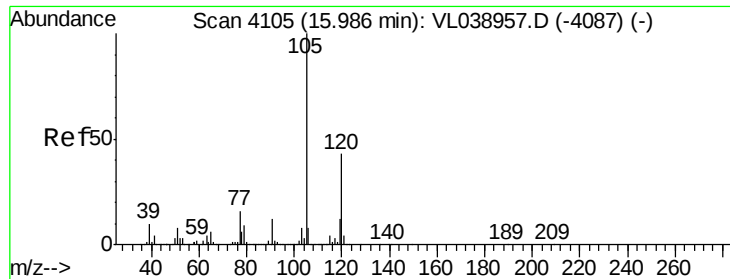
Tot Ion: 91 Resp: 350
 Ion Ratio Lower Upper
 91 100
 126 0.0 11.9 47.5#



#72
 4-Ethyltoluene
 Concen: 0.000 ppbv
 RT: 15.86 min Scan# 4065
 Delta R.T. 0.03 min
 Lab File: VL039068.D
 Acq: 17 May 2022 13:12

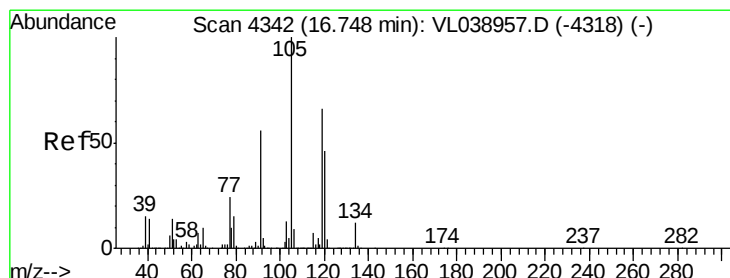
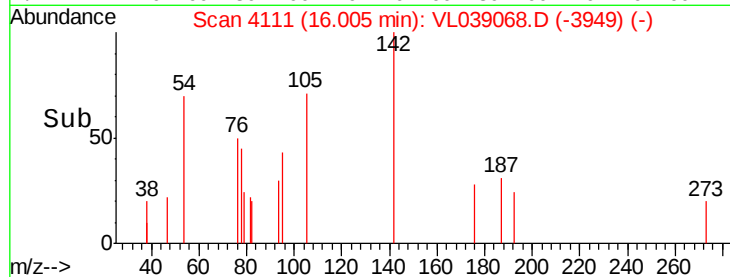
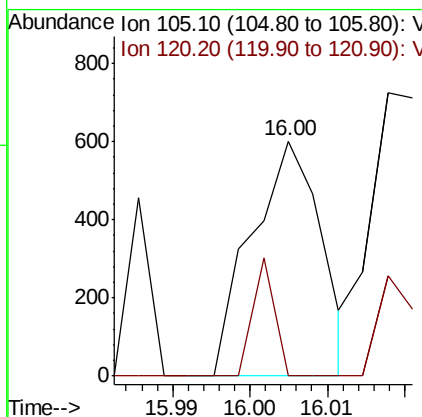
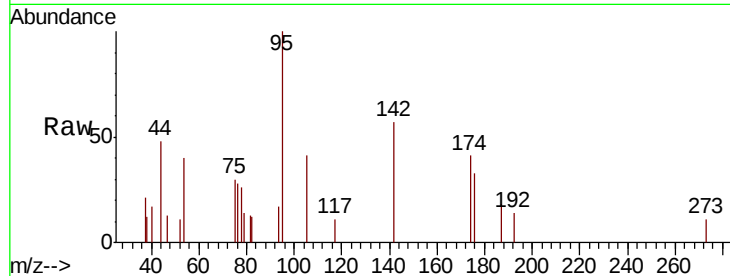
Tgt Ion:105 Resp: 100
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.4 35.0#
 91 0.0 10.6 16.0#
 77 0.0 12.5 18.7#





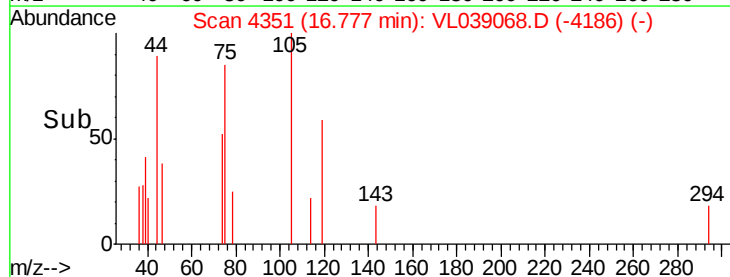
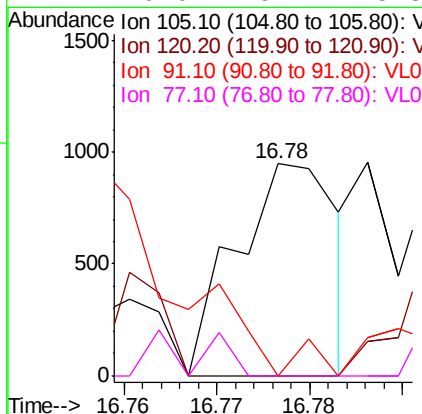
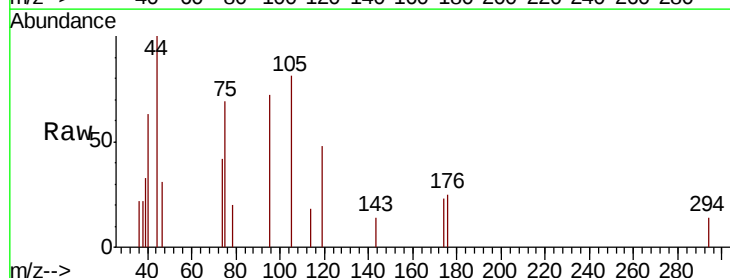
#73
 1,3,5-Trimethylbenzene
 Concen: 0.001 ppbv
 RT: 16.00 min
 Delta R.T. 0.03 min
 Lab File: VL0517ABL01
 Acq: 17 May 2022 13:12

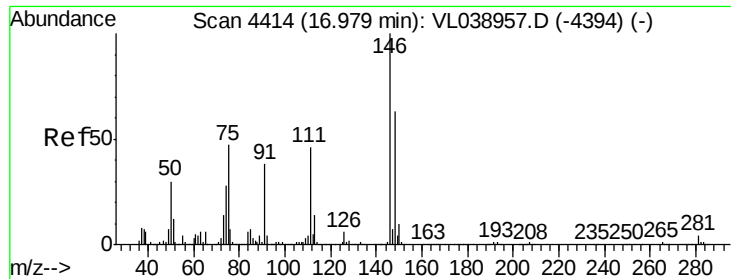
Tot Ion: 105 Resp: 378
 Ion Ratio Lower Upper
 105 100
 120 0.0 34.4 51.6#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.002 ppbv
 RT: 16.78 min Scan# 4351
 Delta R.T. 0.03 min
 Lab File: VL039068.D
 Acq: 17 May 2022 13:12

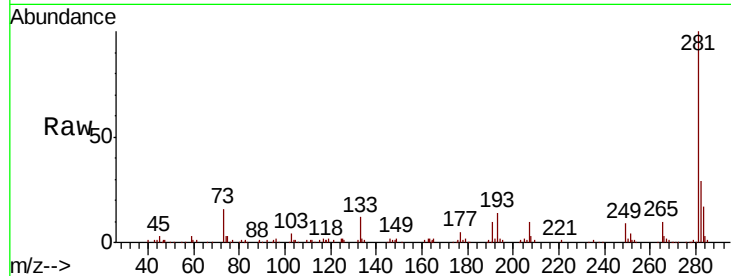
Tgt Ion: 105 Resp: 719
 Ion Ratio Lower Upper
 105 100
 120 0.0 36.9 55.3#
 91 0.0 45.0 67.4#
 77 0.0 19.2 28.8#



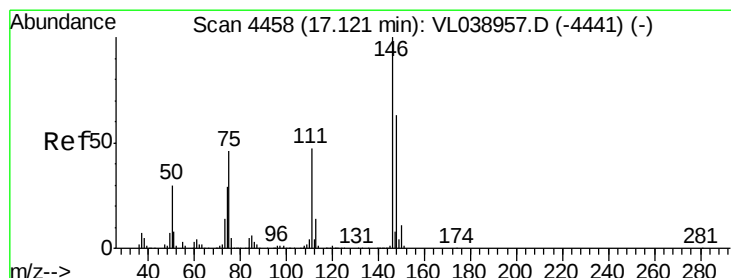
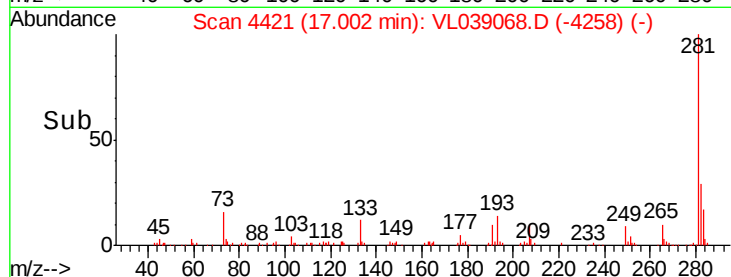
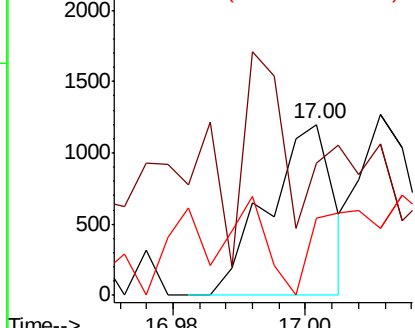


#75
 1,3-Dichlorobenzene
 Concen: 0.005 ppbv
 RT: 17.00 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL0517ABL01
 Acq: 17 May 2022 13:12

Tot Ion:146 Resp: 822
 Ion Ratio Lower Upper
 146 100
 111 0.0 24.1 72.2#
 148 0.0 32.4 97.2#

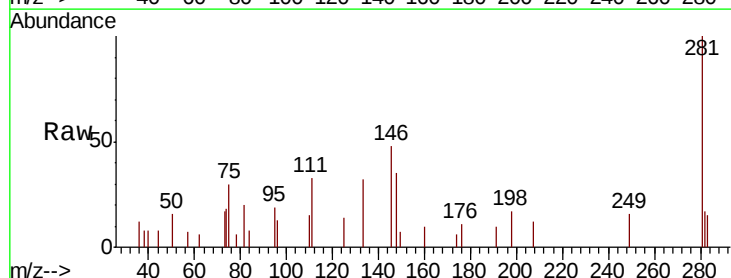


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

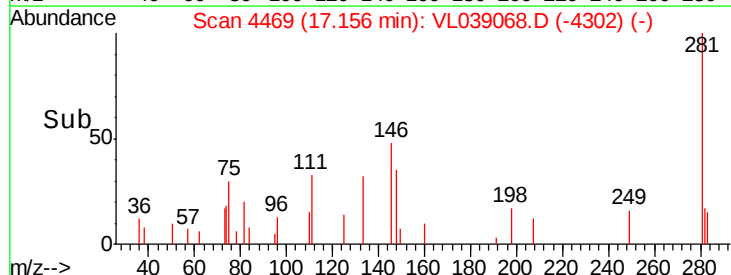
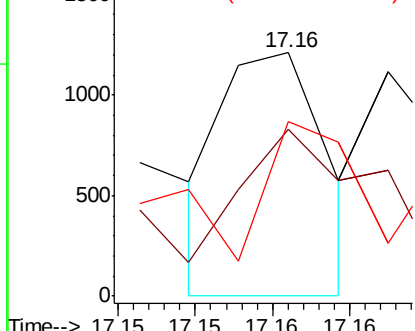


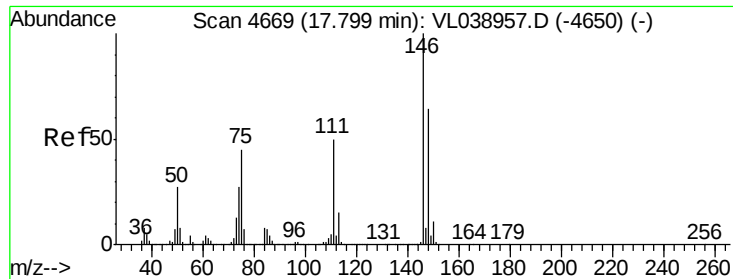
#76
 1,4-Dichlorobenzene
 Concen: 0.004 ppbv
 RT: 17.16 min Scan# 4469
 Delta R.T. 0.04 min
 Lab File: VL039068.D
 Acq: 17 May 2022 13:12

Tgt Ion:146 Resp: 566
 Ion Ratio Lower Upper
 146 100
 111 197.5 23.6 71.0#
 148 237.5 32.2 96.6#



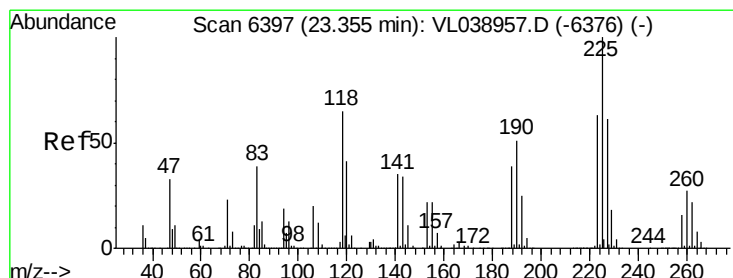
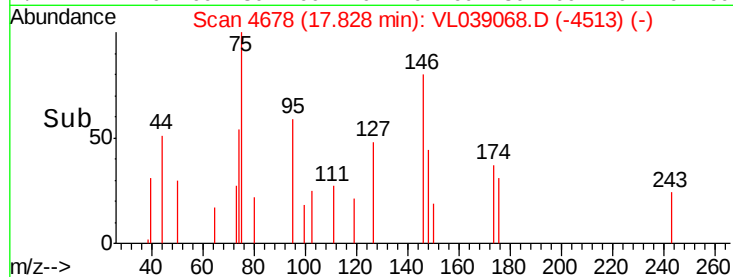
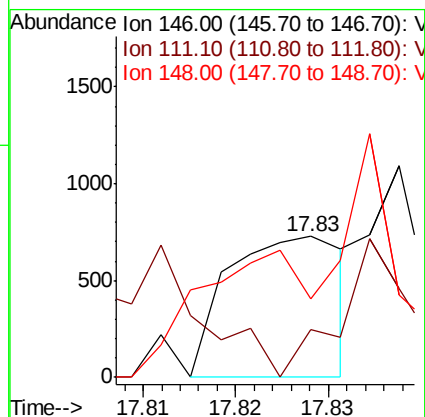
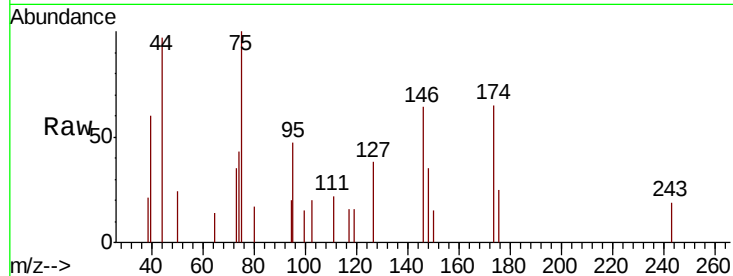
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V





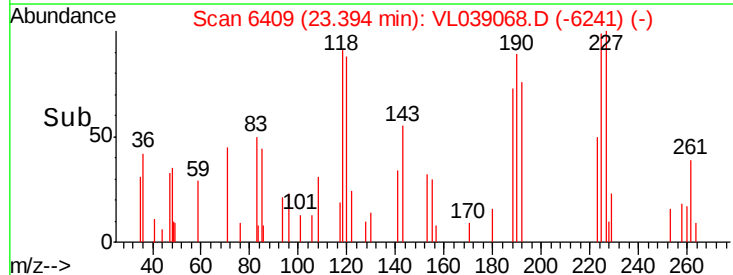
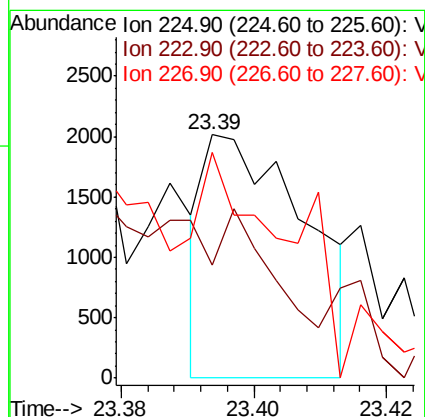
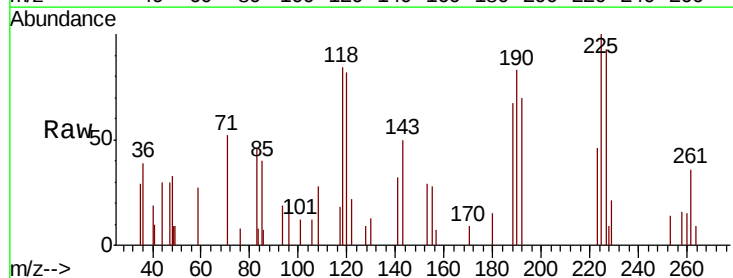
#77
 1,2-Dichlorobenzene
 Concen: 0.004 ppbv
 RT: 17.83 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled:
 VL0517ABL01
 Acq: 17 May 2022 13:12

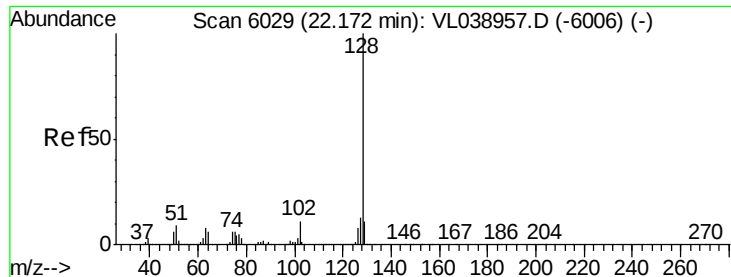
Tot Ion:146 Resp: 631
 Ion Ratio Lower Upper
 146 100
 111 0.0 25.3 75.9#
 148 0.0 32.3 96.9#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.015 ppbv
 RT: 23.39 min Scan# 6409
 Delta R.T. 0.04 min
 Lab File: VL039068.D
 Acq: 17 May 2022 13:12

Tgt Ion:225 Resp: 2128
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.4 77.0#
 227 222.3 51.4 77.0#





#79

Naphthalene

Concen: 0.005 ppbv

RT: 22.20

Delta R.T. MSVOA_L

Lab File: ClientSampled:

Acq: 17 May 2022 13:12

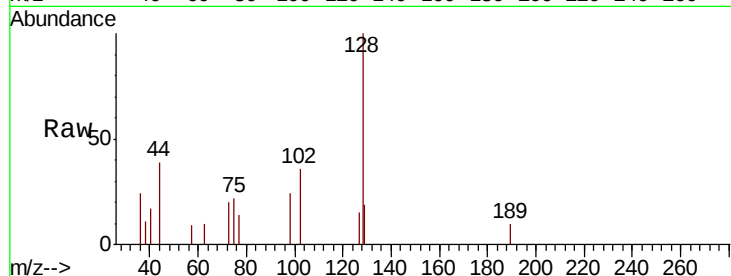
Tot Ion:128 Resp: 1165

Ion Ratio Lower Upper

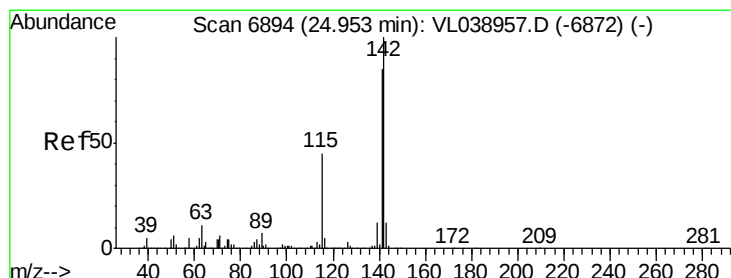
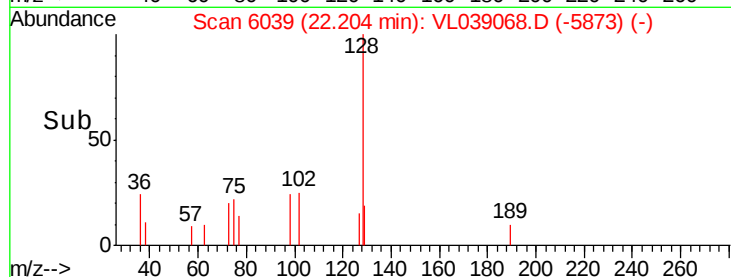
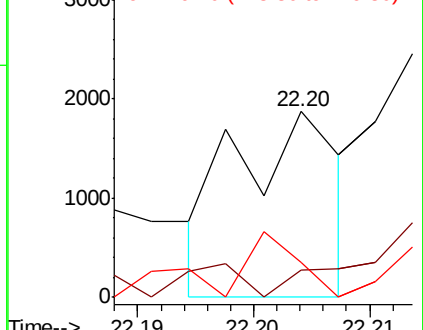
128 100

127 1.1 10.2 15.2#

129 31.3 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: 0.023 ppbv

RT: 24.99 min Scan# 6905

Delta R.T. 0.04 min

Lab File: VL039068.D

Acq: 17 May 2022 13:12

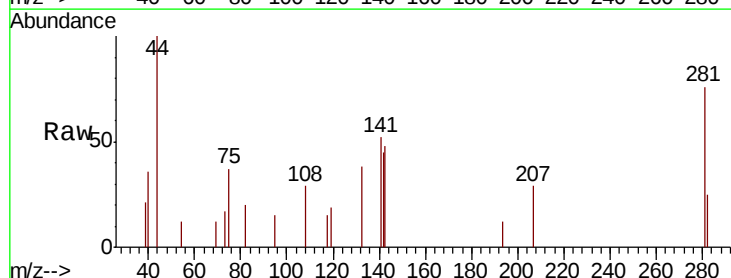
Tgt Ion:142 Resp: 1643

Ion Ratio Lower Upper

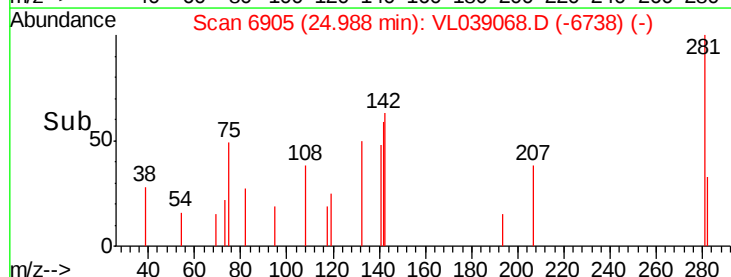
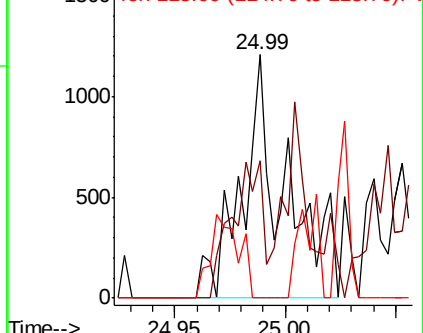
142 100

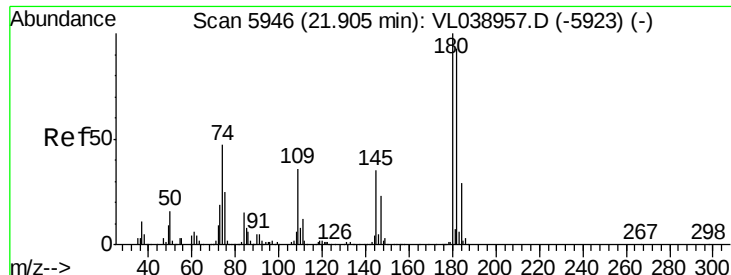
141 87.0 70.8 106.2

115 22.4 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: 0.005 ppbv
 RT: 21.94
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId : VL0517ABL01
 Acq: 17 May 2022 13.12

Tot Ion:	180	Resp:	724
Ion Ratio	Lower	Upper	
180	100		
182	0.0	78.4	117.6#
184	0.0	24.4	36.6#

