

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051722\
 Data File : VL039076.D
 Acq On : 17 May 2022 19:39
 Operator : SY/AP
 Sample : N2854-02DL 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1161-8.01-1A-2DL

Quant Time: May 18 01:50:52 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	899366	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	2065198	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	1737860	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1427332	10.37	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	12517	0.089 ppbv	# 82
3) Chlorodifluoromethane	3.00	51	197393	1.769 ppbv	# 83
4) Chloromethane	3.15	50	9148	0.164 ppbv	# 79
5) Vinyl Chloride	3.27	62	99	0.002 ppbv	# 44
6) Bromomethane	3.50	94	119	0.005 ppbv	# 1
7) Chloroethane	3.58	64	48	0.003 ppbv	# 45
8) Dichlorotetrafluoroethane	3.21	85	478	0.004 ppbv	# 35
9) Propene	3.22	41	474879	9.744 ppbv	90
10) Heptane	8.13	43	15962	0.133 ppbv	# 31
11) Trichlorofluoromethane	3.95	101	2336	0.019 ppbv	# 62
12) 1,1,2-Trichlorotrifluoroet	4.49	101	456	0.005 ppbv	# 1
13) Ethanol	3.61	45	463363	134.348 ppbv	94
14) Bromoethene	3.66	108	190	0.006 ppbv	# 61
15) Acetone	3.86	43	658582	7.763 ppbv	92
16) 1,3-Butadiene	3.31	39	3305	0.068 ppbv	# 40
17) tert-Butyl alcohol	4.30	59	1951	0.030 ppbv	# 70
18) 1,1-Dichloroethene	4.34	96	95	0.003 ppbv	# 1
19) Isopropyl Alcohol	3.98	45	338671	8.396 ppbv	# 93
20) Methylene Chloride	4.36	84	34070	1.066 ppbv	93
21) Allyl Chloride	4.43	41	343	0.006 ppbv	# 19
22) trans-1,2-Dichloroethene	4.92	96	44	0.001 ppbv	# 1
23) Vinyl Acetate	5.08	43	13629	0.203 ppbv	# 33
24) 1,1-Dichloroethane	5.06	63	79	0.001 ppbv	# 89
25) Ethyl Acetate	5.70	43	61006	0.300 ppbv	# 90
26) Hexane	5.69	57	106200	1.177 ppbv	# 45
27) Carbon Disulfide	4.56	76	395	0.005 ppbv	# 63
28) Methyl tert-Butyl Ether	5.04	73	31	0.000 ppbv	# 52
29) Chloroform	5.76	83	8848	0.061 ppbv	# 87
30) Cyclohexane	7.14	84	2188	0.029 ppbv	# 1
31) cis-1,2-Dichloroethene	5.56	61	152	0.002 ppbv	# 27
32) 1,1,1-Trichloroethane	6.52	97	160	0.001 ppbv	# 17
34) 2-Butanone	5.26	43	95544	0.907 ppbv	92
35) Carbon Tetrachloride	7.02	117	1053	0.008 ppbv	# 35
36) Benzene	6.90	78	48184	0.273 ppbv	# 86
37) 1,2-Dichloroethane	6.31	62	2273	0.021 ppbv	# 94
38) Trichloroethene	7.84	130	244	0.003 ppbv	# 9
39) 1,2-Dichloropropane	7.23	63	8137	0.118 ppbv	# 21
40) 1,4-Dioxane	7.83	88	141	0.006 ppbv	# 1
41) Tetrahydrofuran	6.07	42	39802	0.562 ppbv	91
42) Bromodichloromethane	7.80	83	1065	0.007 ppbv	# 24
43) Methyl Methacrylate	8.02	69	230	0.003 ppbv	# 1

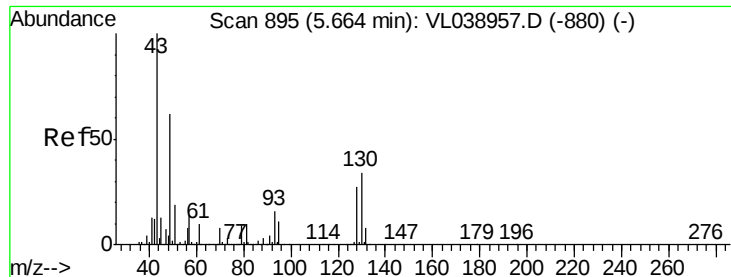
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051722\
 Data File : VL039076.D
 Acq On : 17 May 2022 19:39
 Operator : SY/AP
 Sample : N2854-02DL 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1161-8.01-IA-2DL

Quant Time: May 18 01:50:52 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)
44) 2,2,4-Trimethylpentane	7.88	57	100346	0.324	ppbv #	86
45) t-1,3-Dichloropropene	9.32	75	101	0.001	ppbv #	44
47) 1,1,2-Trichloroethane	9.56	97	159	0.002	ppbv #	14
48) Dibromochloromethane	9.98	129	113	0.001	ppbv	62
49) Bromoform	13.19	173	84	0.001	ppbv #	26
50) 4-Methyl-2-Pentanone	8.73	43	879	0.005	ppbv #	39
51) 2-Hexanone	10.14	43	272	0.002	ppbv #	28
52) Tetrachloroethene	11.23	164	671	0.011	ppbv #	1
53) Toluene	9.82	91	400649	2.023	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.32	131	105	0.001	ppbv #	9
57) Chlorobenzene	12.16	112	165	0.001	ppbv #	54
58) Ethyl Benzene	12.72	91	81603	0.326	ppbv	99
59) m/p-Xylene	12.98	91	13883	0.065	ppbv #	1
60) o-Xylene	13.71	91	34900	0.174	ppbv #	32
61) Styrene	13.54	104	514	0.005	ppbv #	25
62) Isopropylbenzene	14.67	105	2188	0.007	ppbv #	27
63) 1,1,2,2-Tetrachloroethane	13.69	83	112	0.001	ppbv #	1
64) n-propylbenzene	15.86	120	1121	0.016	ppbv	71
65) tert-Butylbenzene	16.77	119	1904	0.007	ppbv #	1
66) Benzyl Chloride	17.00	91	236	0.007	ppbv #	70
67) sec-Butylbenzene	17.57	105	612	0.002	ppbv	96
69) p-Isopropyltoluene	17.66	119	941	0.003	ppbv #	1
70) n-Butylbenzene	18.56	91	1659	0.005	ppbv #	33
71) 2-Chlorotoluene	15.89	91	413	0.002	ppbv	92
72) 4-Ethyltoluene	15.86	105	4558	0.020	ppbv #	1
73) 1,3,5-Trimethylbenzene	16.01	105	4110	0.020	ppbv #	39
74) 1,2,4-Trimethylbenzene	16.77	105	27267	0.121	ppbv #	69
75) 1,3-Dichlorobenzene	17.00	146	154	0.001	ppbv #	1
76) 1,4-Dichlorobenzene	17.15	146	425	0.003	ppbv #	10
77) 1,2-Dichlorobenzene	17.83	146	60	0.000	ppbv #	1
79) Naphthalene	22.21	128	849	0.005	ppbv #	12
80) Naphthalene,2-methyl-	24.92	142	52	0.001	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.92	180	177	0.002	ppbv #	11

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: 1161-8.01-1A-2DL

Acq: 17 May 2022 19:39

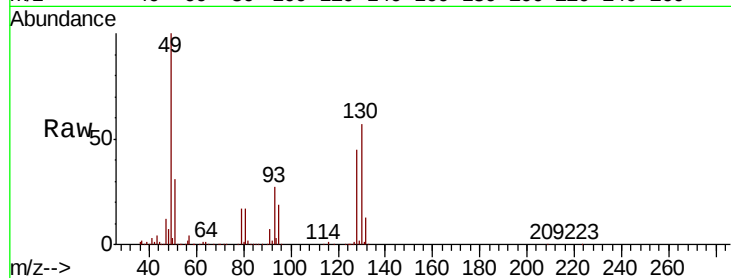
Tot Ion: 49 Resp: 899366

Ion Ratio Lower Upper

49 100

128 45.3 23.3 69.8

130 58.1 29.8 89.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.68

400000

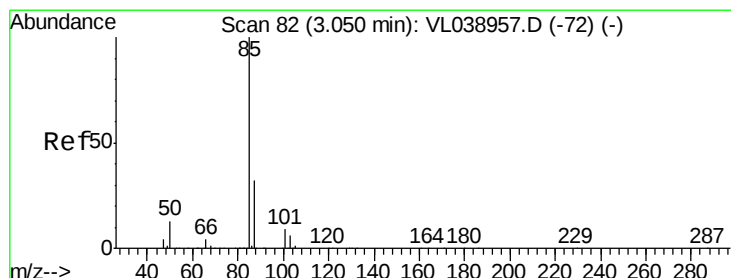
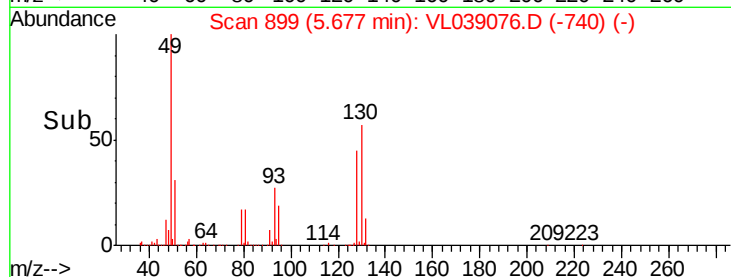
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.089 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.01 min

Lab File: VL039076.D

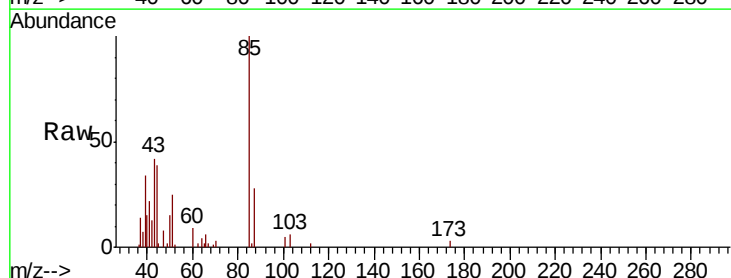
Acq: 17 May 2022 19:39

Tgt Ion: 85 Resp: 12517

Ion Ratio Lower Upper

85 100

87 21.8 25.7 38.5#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

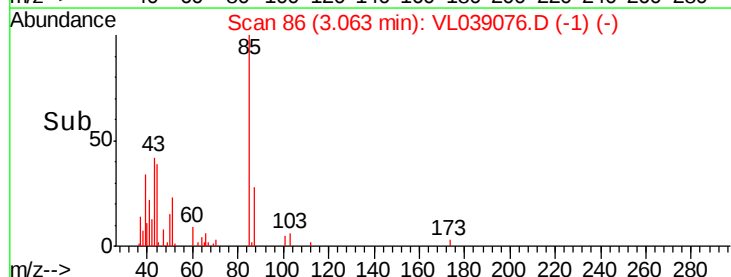
3.06

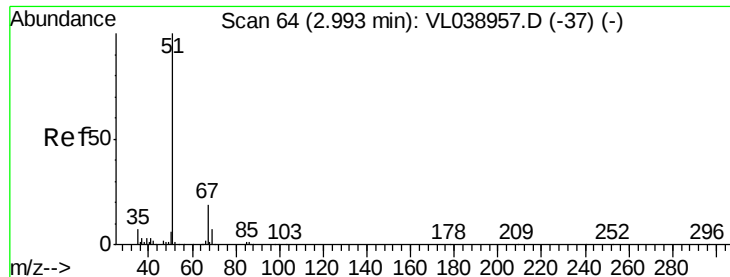
10000

5000

0

Time-->





#3

Chlorodifluoromethane

Concen: 1.769 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

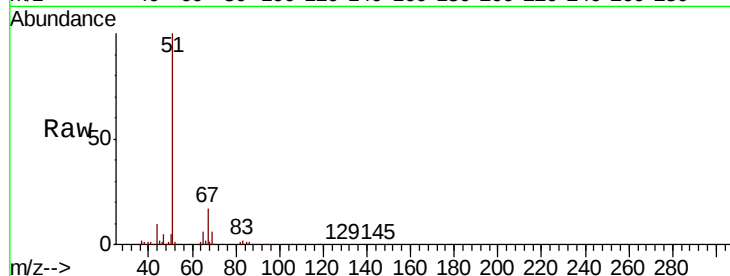
Acq: 17 May 2022 19:39

Tot Ion: 51 Resp: 197393

Ion Ratio Lower Upper

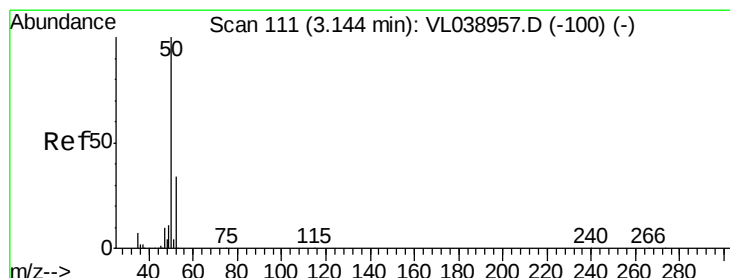
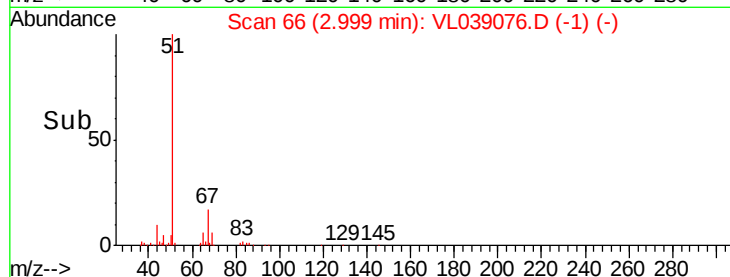
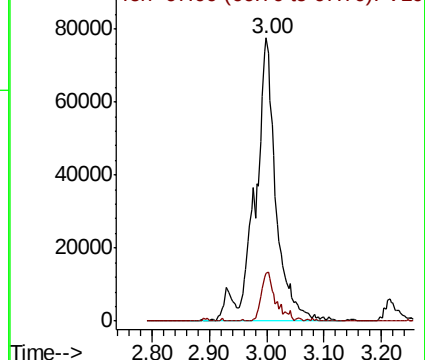
51 100

67 12.2 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: 0.164 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL039076.D

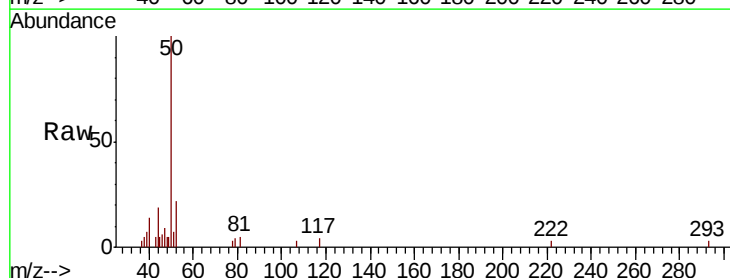
Acq: 17 May 2022 19:39

Tgt Ion: 50 Resp: 9148

Ion Ratio Lower Upper

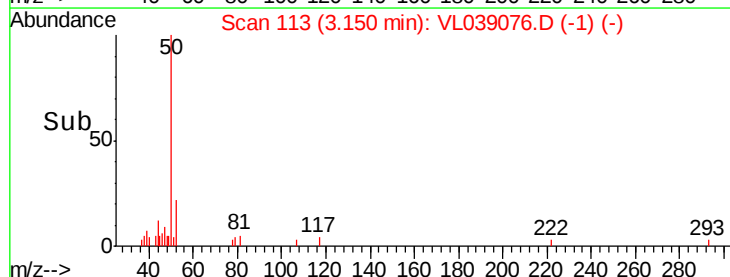
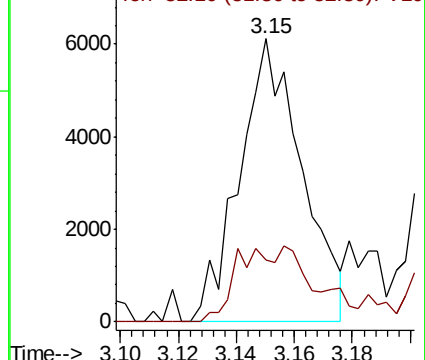
50 100

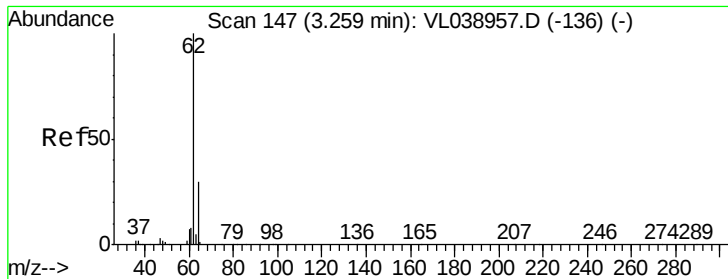
52 21.9 27.3 40.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.002 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampled:

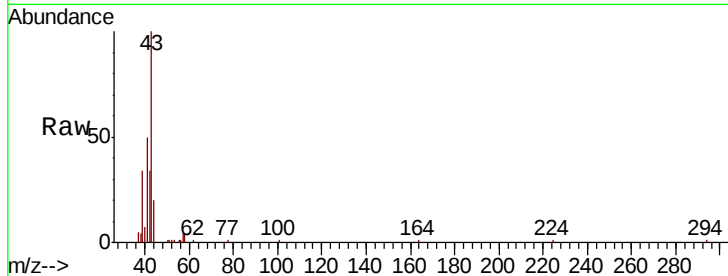
Acq: 17 May 2022 19:39

Tot Ion: 62 Resp: 99

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

3.27

250

200

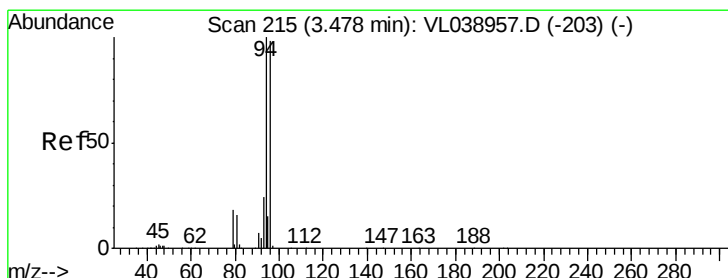
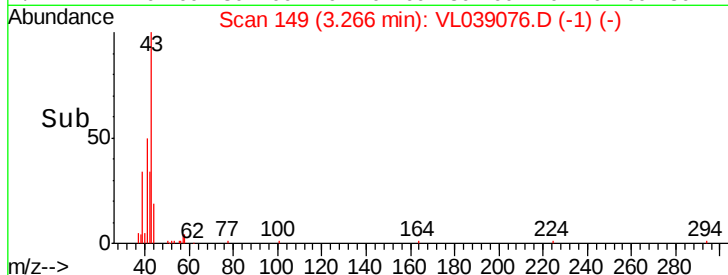
150

100

50

0

Time-->



#6

Bromomethane

Concen: 0.005 ppbv

RT: 3.50 min Scan# 221

Delta R.T. 0.02 min

Lab File: VL039076.D

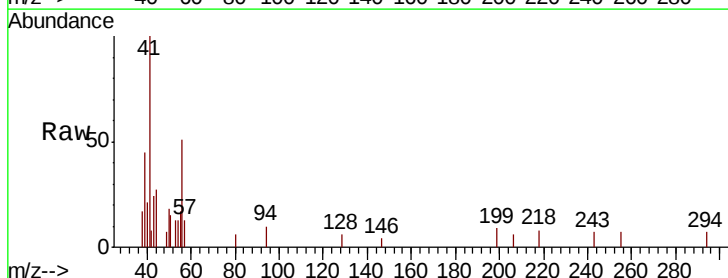
Acq: 17 May 2022 19:39

Tgt Ion: 94 Resp: 119

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

500

400

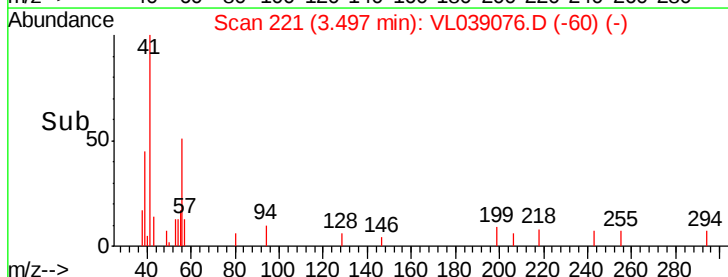
300

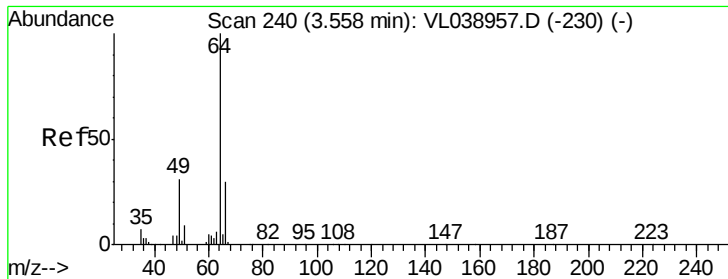
200

100

0

Time-->





#7

Chloroethane

Concen: 0.003 ppbv

RT: 3.58 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

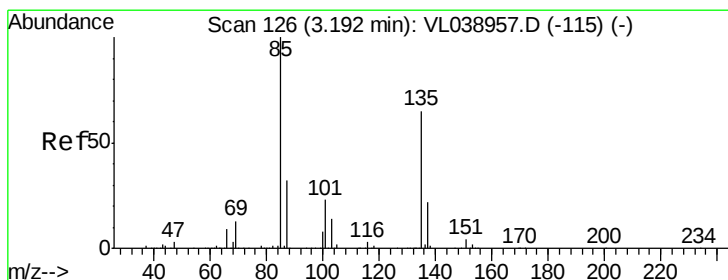
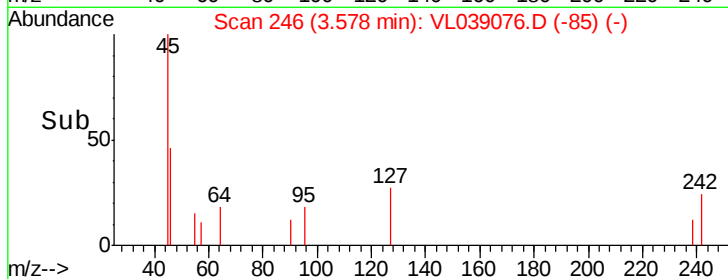
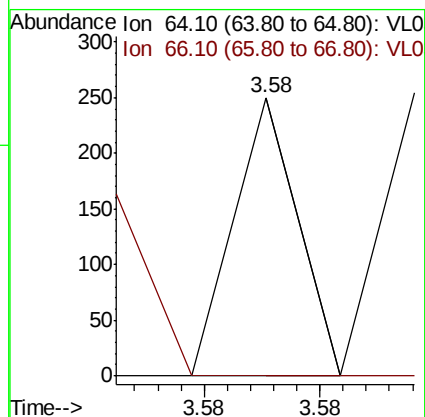
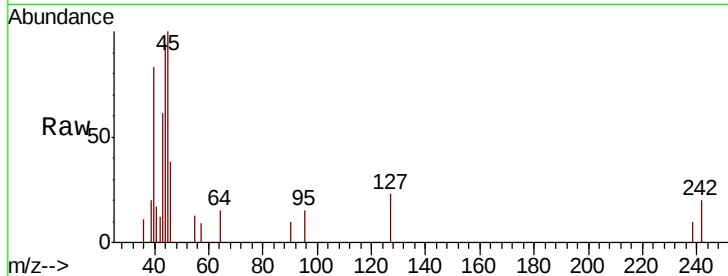
Acq: 17 May 2022 19:39

Tot Ion: 64 Resp: 48

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.8#



#8

Dichlorotetrafluoroethane

Concen: 0.004 ppbv

RT: 3.21 min Scan# 131

Delta R.T. 0.02 min

Lab File: VL039076.D

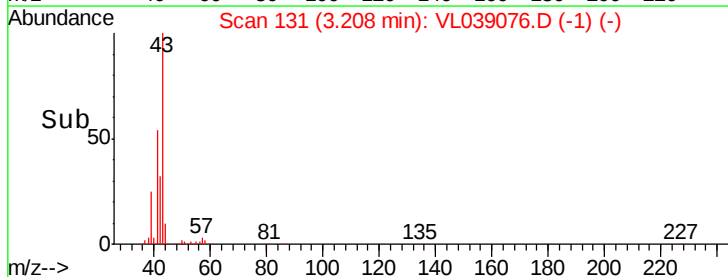
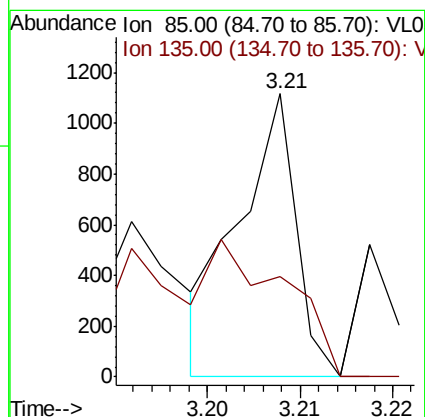
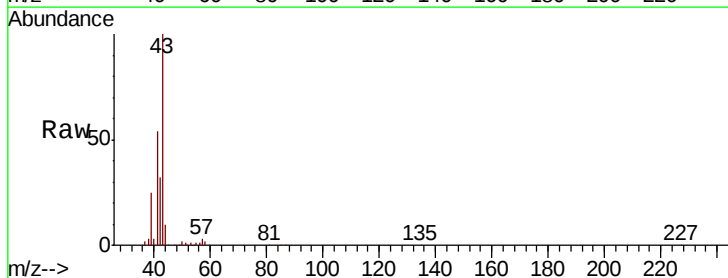
Acq: 17 May 2022 19:39

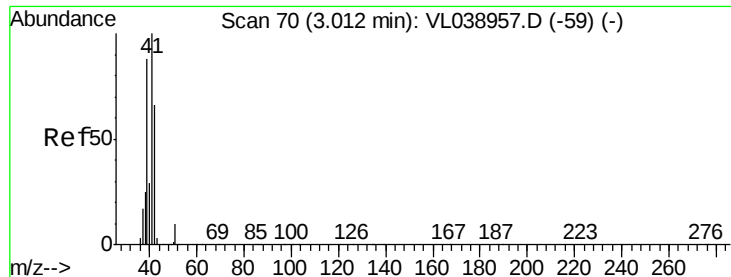
Tgt Ion: 85 Resp: 478

Ion Ratio Lower Upper

85 100

135 118.8 53.6 80.4#





#9

Propene

Concen: 9.744 ppbv

RT: 3.22 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampled:

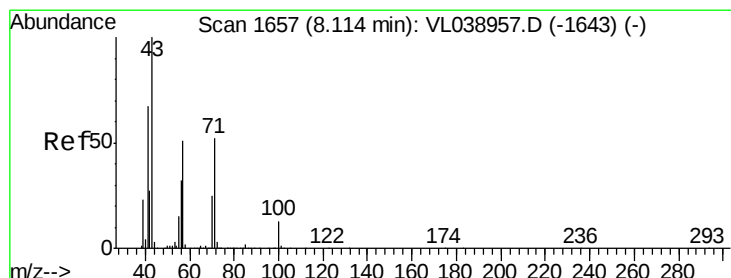
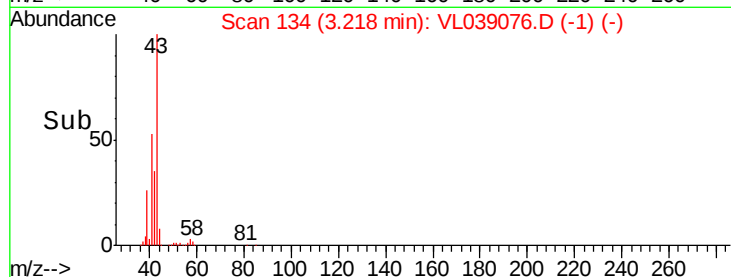
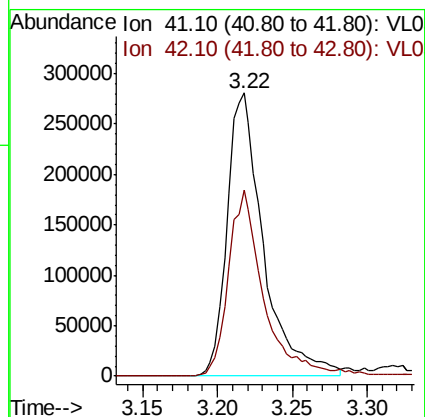
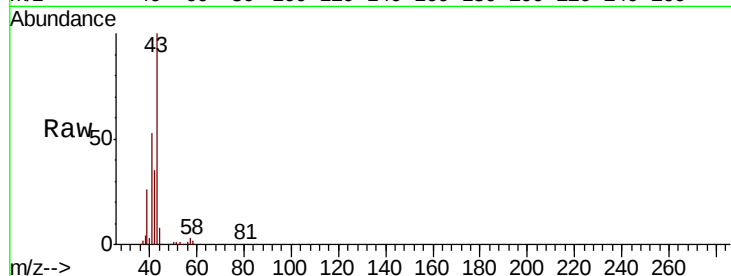
Acq: 17 May 2022 19:39

Tot Ion: 41 Resp: 474879

Ion Ratio Lower Upper

41 100

42 64.4 58.3 87.5



#10

Heptane

Concen: 0.133 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VL039076.D

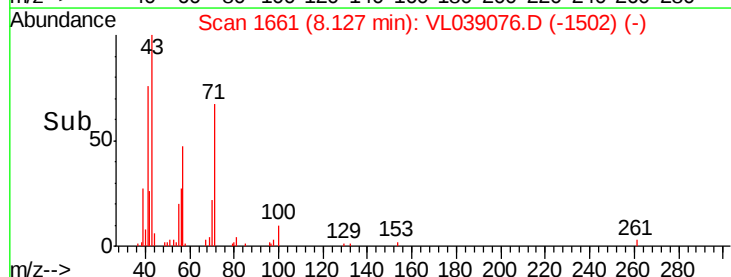
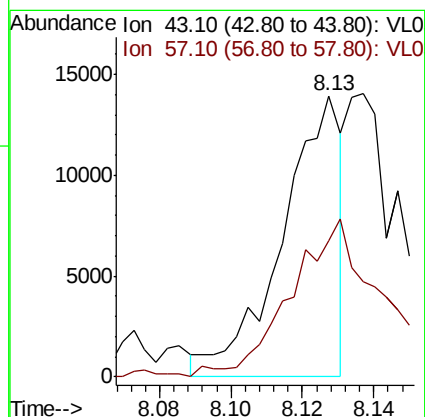
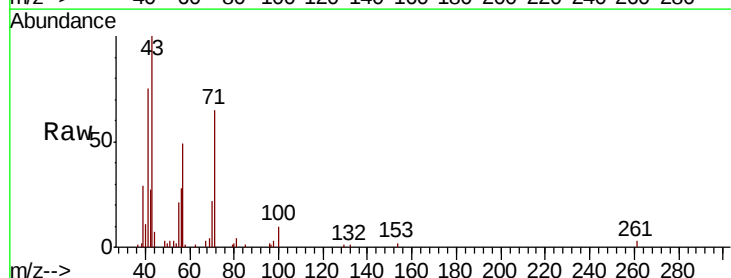
Acq: 17 May 2022 19:39

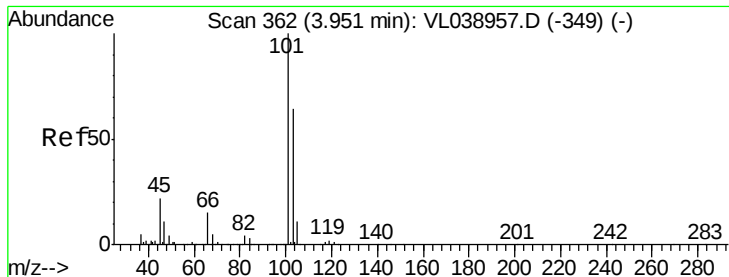
Tgt Ion: 43 Resp: 15962

Ion Ratio Lower Upper

43 100

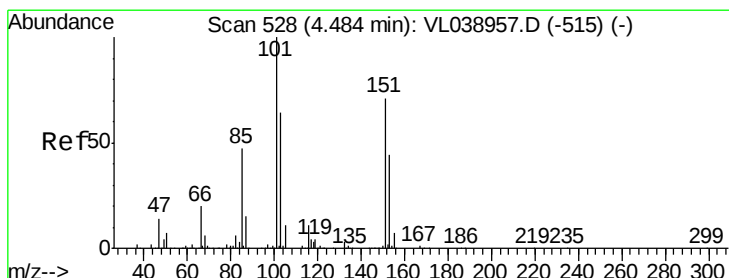
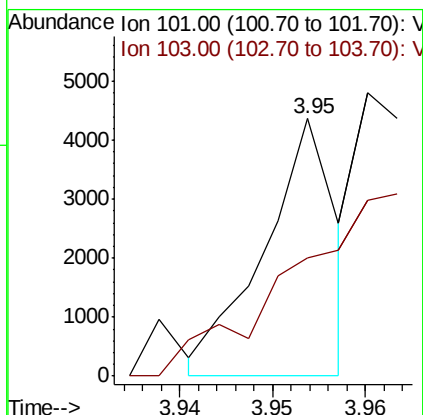
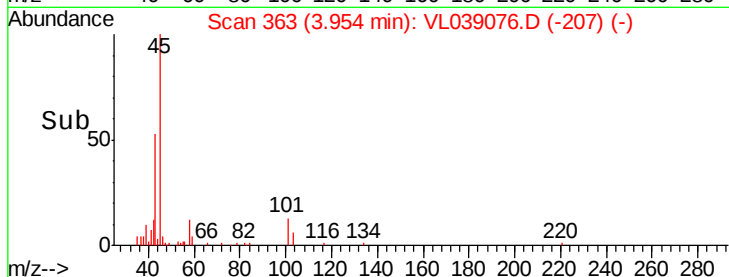
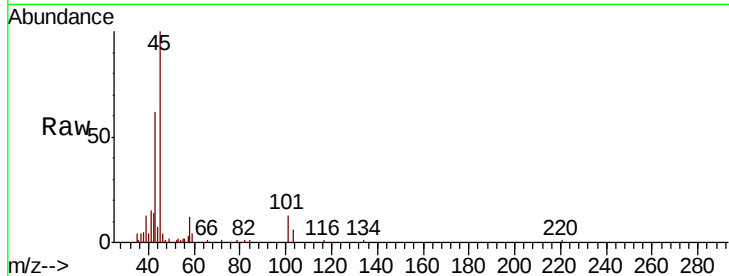
57 98.2 40.5 60.7#





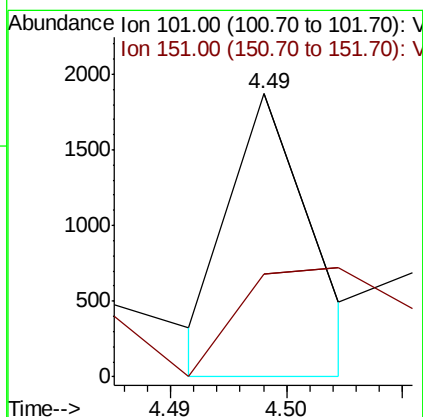
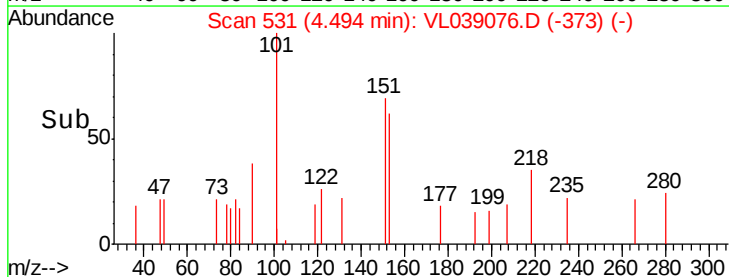
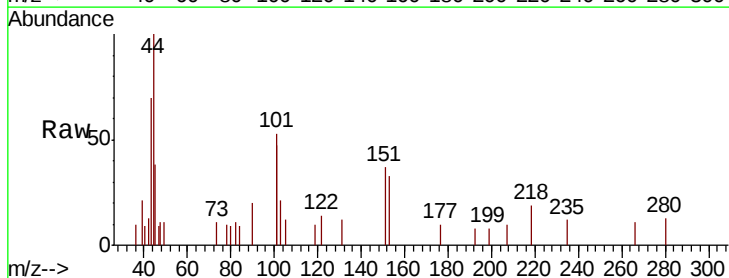
#11
 Trichlorofluoromethane
 Concen: 0.019 ppbv
 RT: 3.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampled : 1161-8.01-1A-2DL
 Acq: 17 May 2022 19:39

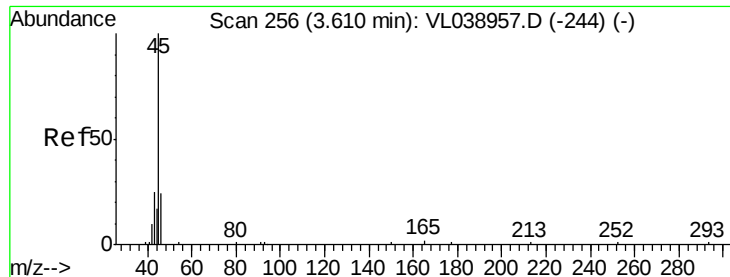
Tot Ion:101 Resp: 2336
 Ion Ratio Lower Upper
 101 100
 103 34.3 51.5 77.3#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.005 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VL039076.D
 Acq: 17 May 2022 19:39

Tgt Ion:101 Resp: 456
 Ion Ratio Lower Upper
 101 100
 151 248.2 55.4 83.0#





#13

Ethanol

Concen: 134.348 ppbv

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

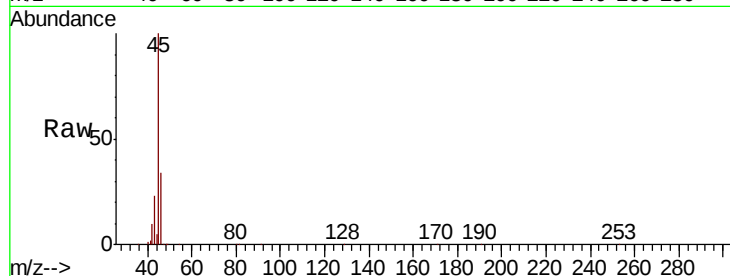
Acq: 17 May 2022 19:39

Tot Ion: 45 Resp: 463363

Ion Ratio Lower Upper

45 100

46 41.0 18.0 72.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

3.61

200000

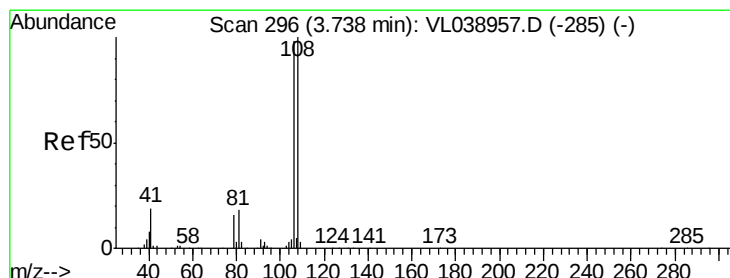
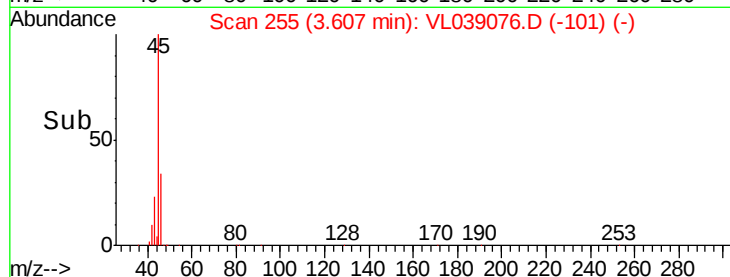
150000

100000

50000

0

Time-->



#14

Bromoethene

Concen: 0.006 ppbv

RT: 3.66 min Scan# 273

Delta R.T. -0.07 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

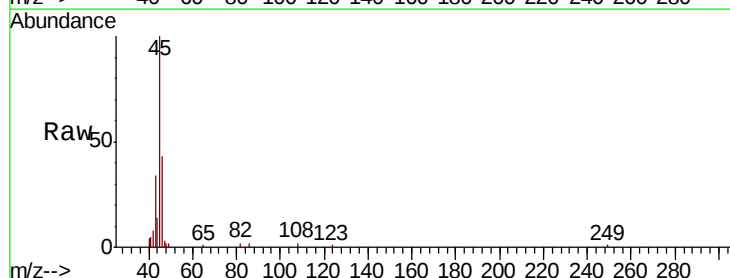
Tgt Ion: 108 Resp: 190

Ion Ratio Lower Upper

108 100

106 103.7 90.3 135.5

79 118.9 14.9 22.3#



Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0

3.66

600

500

400

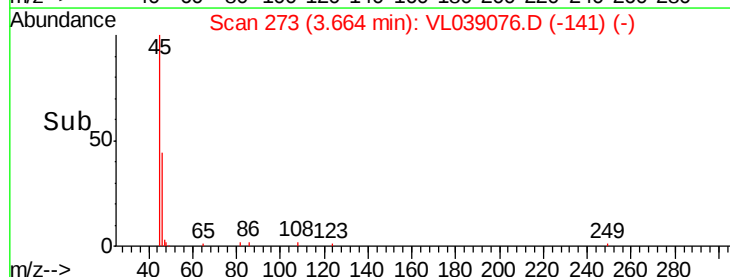
300

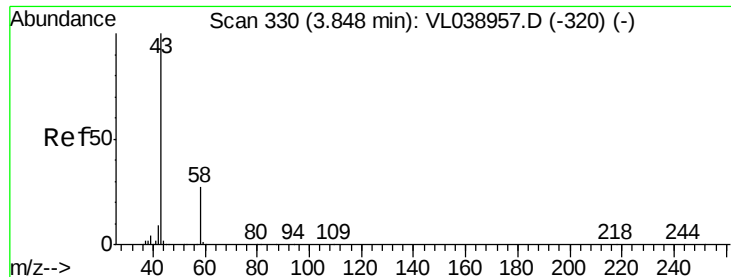
200

100

0

Time-->





#15

Acetone

Concen: 7.763 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

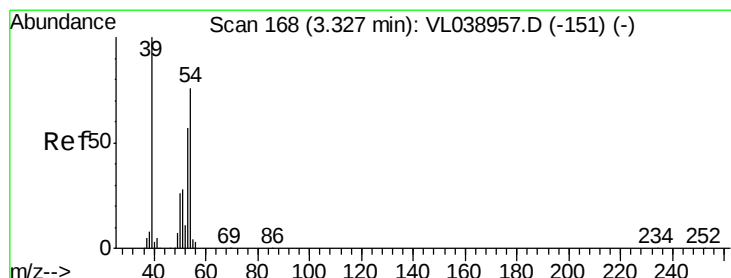
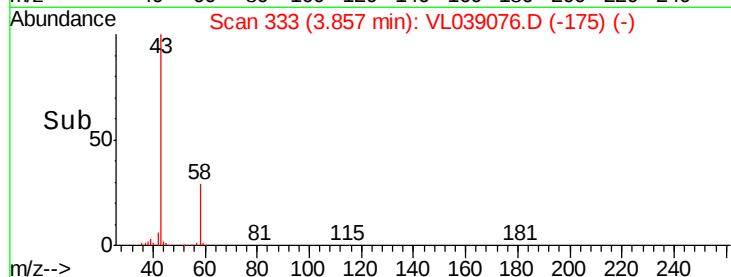
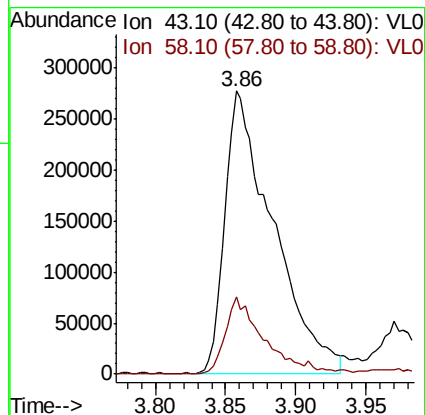
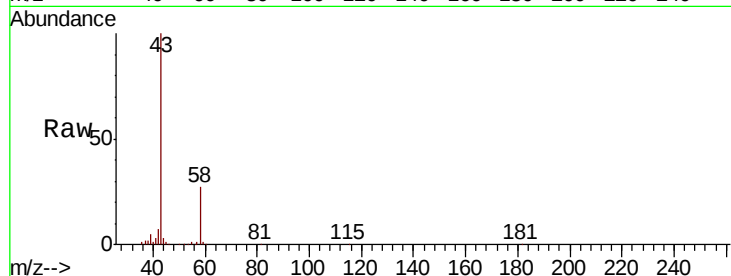
Acq: 17 May 2022 19:39

Tot Ion: 43 Resp: 658582

Ion Ratio Lower Upper

43 100

58 22.5 21.3 31.9



#16

1,3-Butadiene

Concen: 0.068 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.02 min

Lab File: VL039076.D

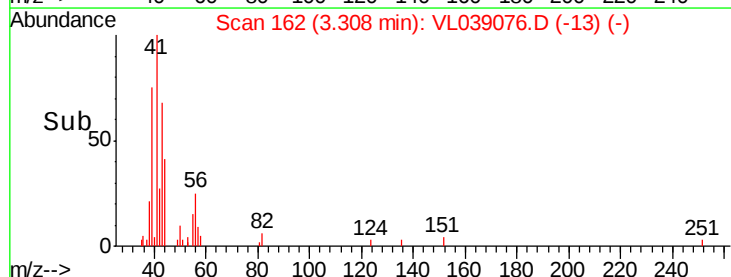
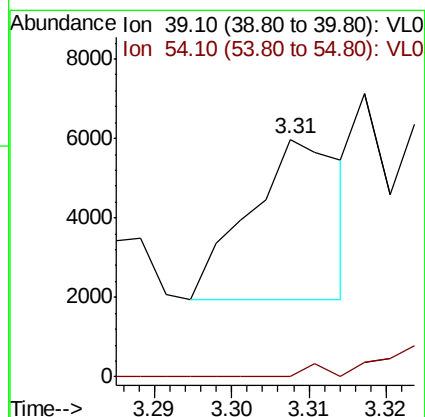
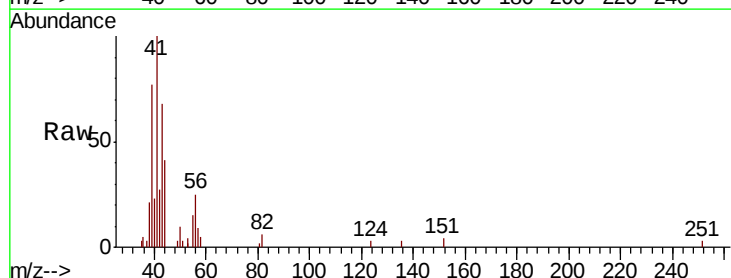
Acq: 17 May 2022 19:39

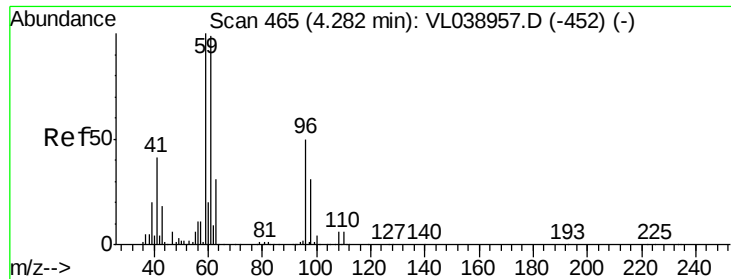
Tgt Ion: 39 Resp: 3305

Ion Ratio Lower Upper

39 100

54 28.4 65.2 97.8#





#17

tert-Butyl alcohol

Concen: 0.030 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

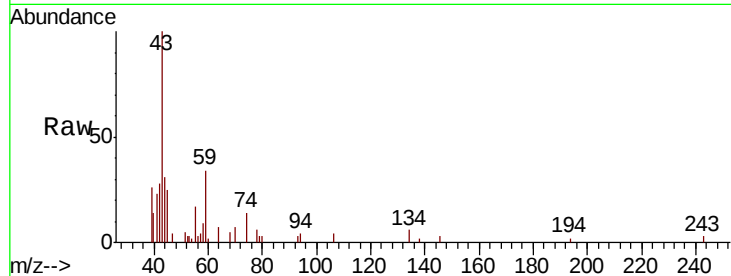
Acq: 17 May 2022 19:39

Tot Ion: 59 Resp: 1951

Ion Ratio Lower Upper

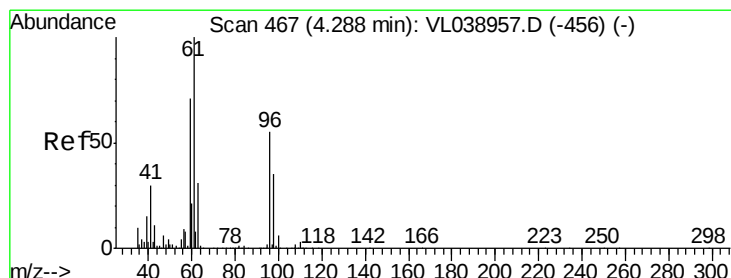
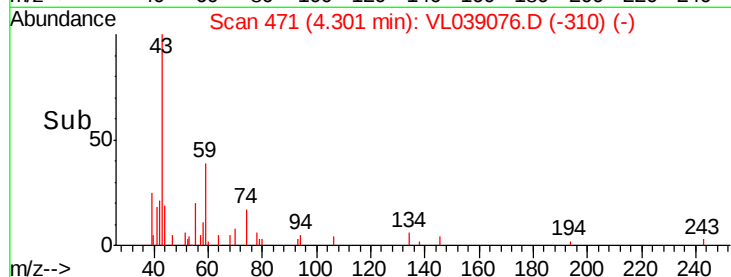
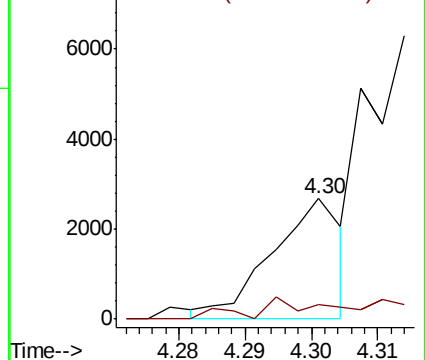
59 100

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: 0.003 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.05 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

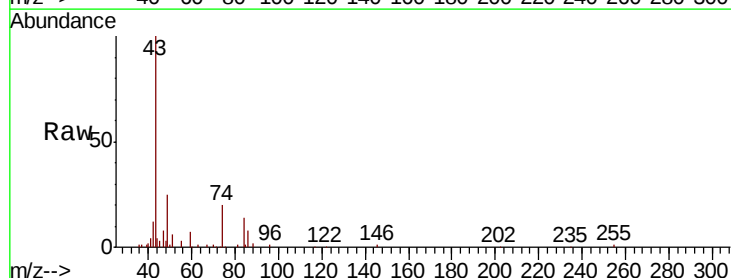
Tgt Ion: 96 Resp: 95

Ion Ratio Lower Upper

96 100

61 0.0 146.3 219.5#

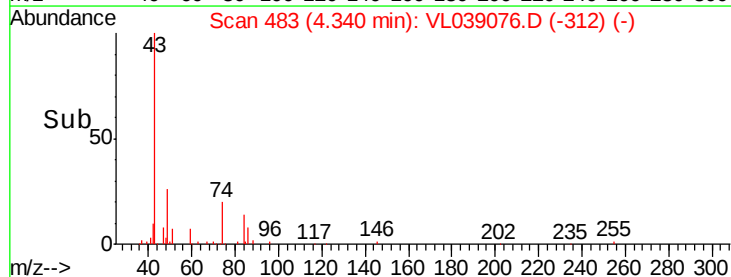
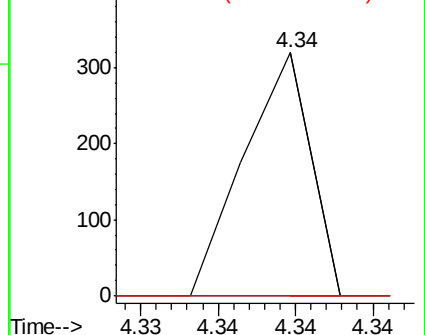
98 0.0 50.6 75.8#

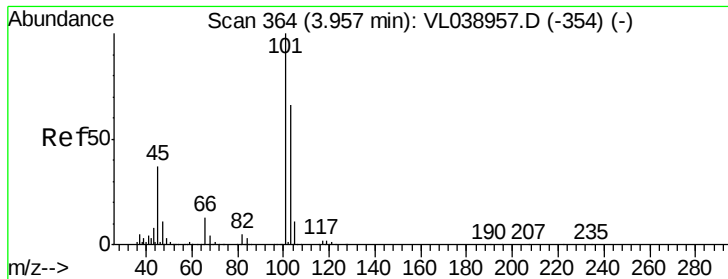


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#19

Isopropyl Alcohol

Concen: 8.396 ppbv

RT: 3.98 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

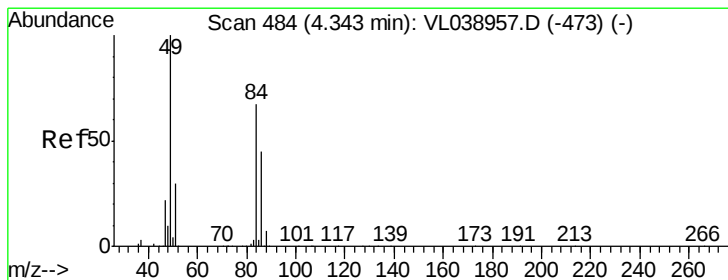
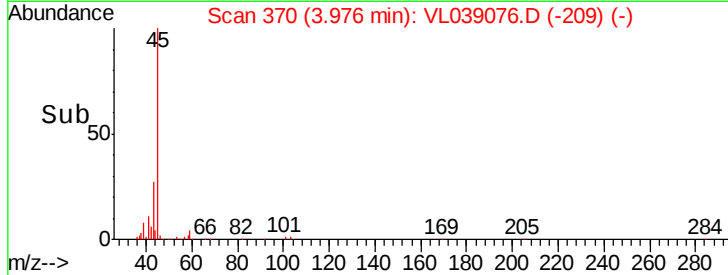
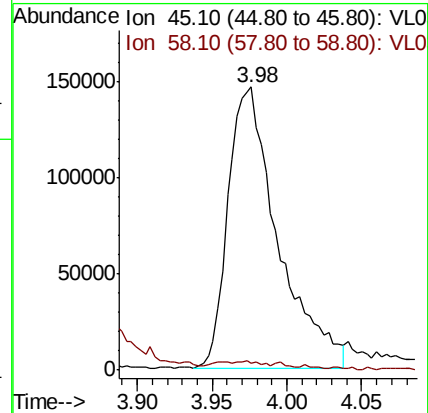
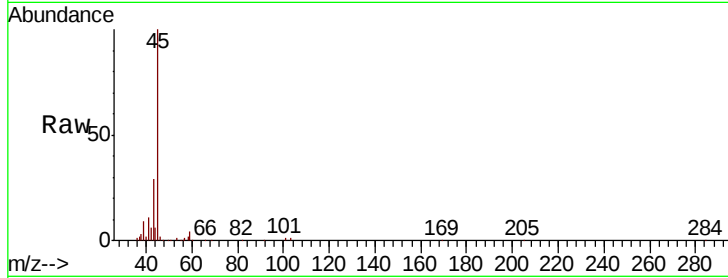
Acq: 17 May 2022 19:39

Tot Ion: 45 Resp: 338671

Ion Ratio Lower Upper

45 100

58 4.5 1.4 2.2#



#20

Methylene Chloride

Concen: 1.066 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.02 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

Tgt Ion: 84 Resp: 34070

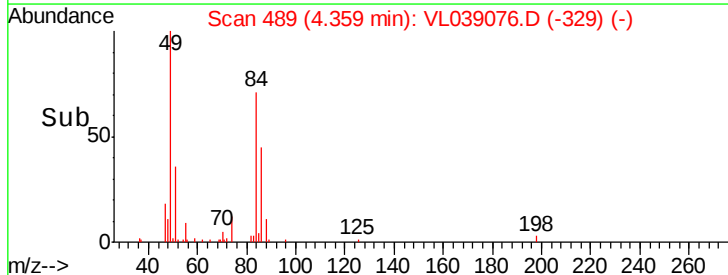
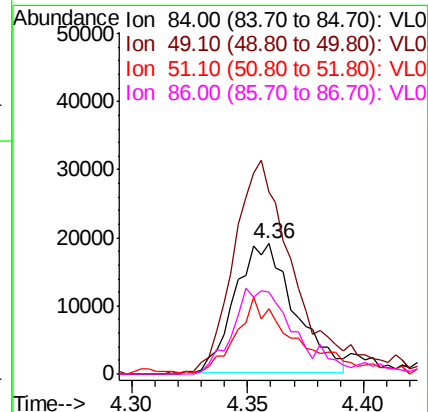
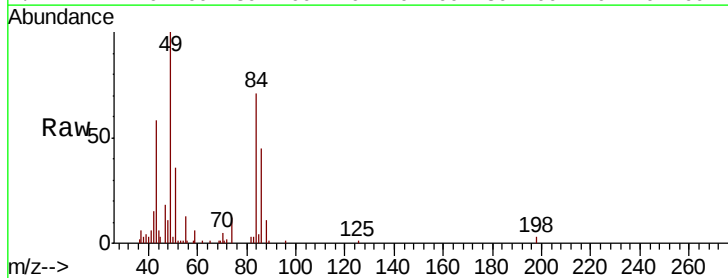
Ion Ratio Lower Upper

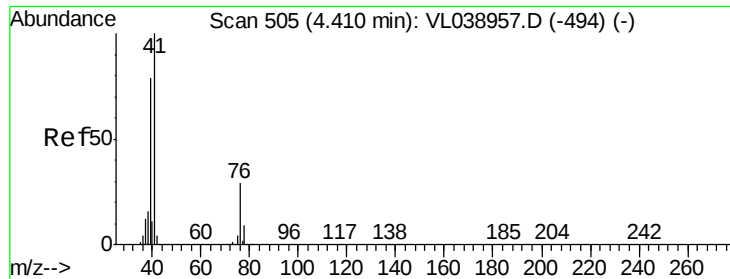
84 100

49 139.1 119.9 179.9

51 49.3 35.7 53.5

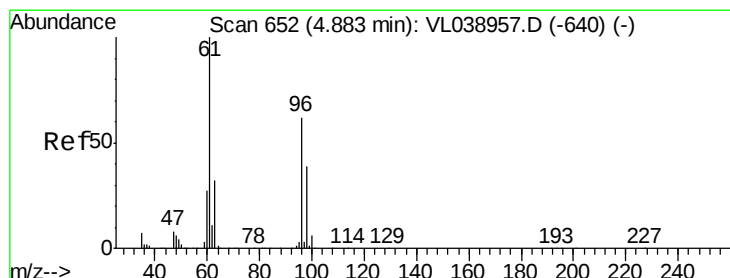
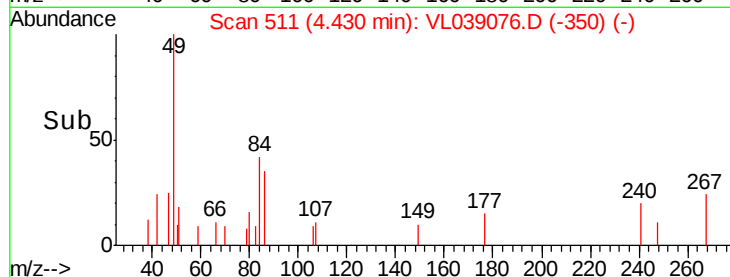
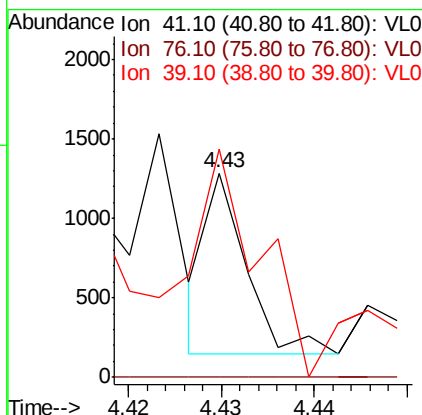
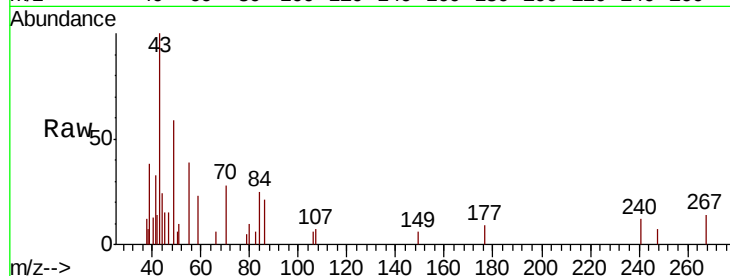
86 63.5 53.8 80.6





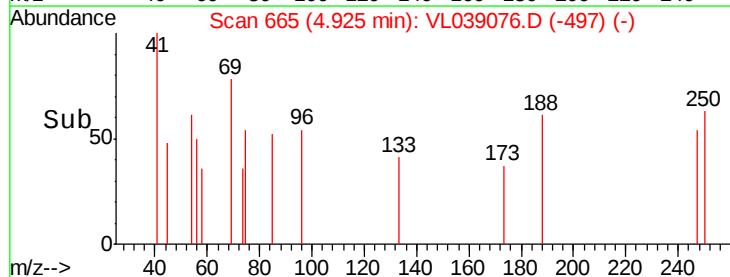
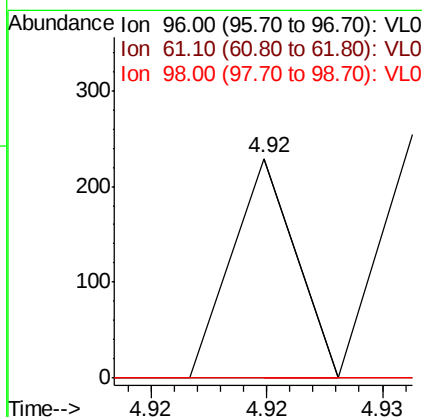
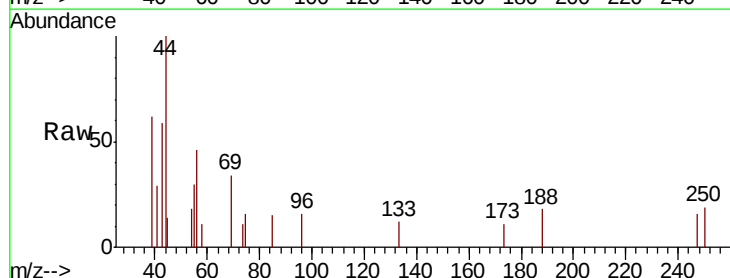
#21
Allvl Chloride
Concen: 0.006 ppbv
RT: 4.43
Delta R.T. MSVOA_L
Lab File: ClientSampleId : 1161-8.01-1A-2DL
Acq: 17 May 2022 19:39

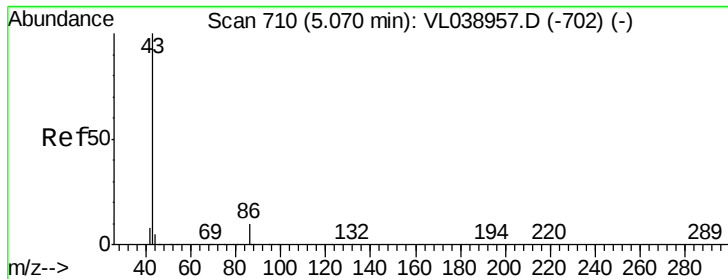
Tot Ion: 41 Resp: 343
Ion Ratio Lower Upper
41 100
76 0.0 24.2 36.4#
39 0.0 63.8 95.8#



#22
trans-1,2-Dichloroethene
Concen: 0.001 ppbv
RT: 4.92 min Scan# 665
Delta R.T. 0.04 min
Lab File: VL039076.D
Acq: 17 May 2022 19:39

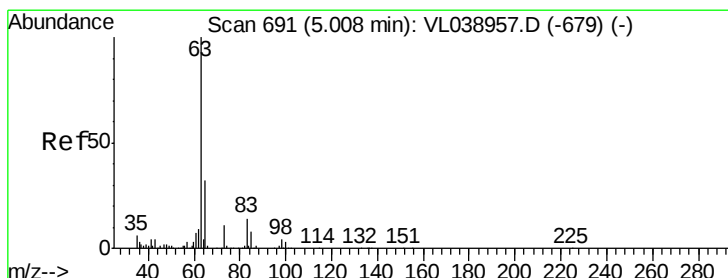
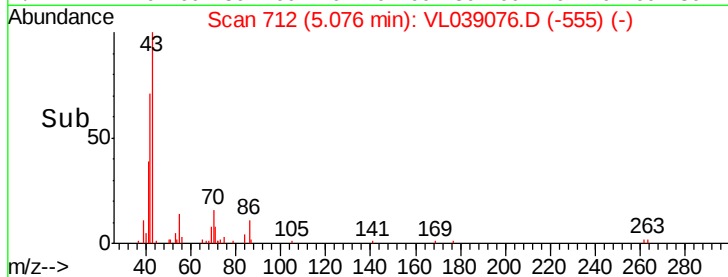
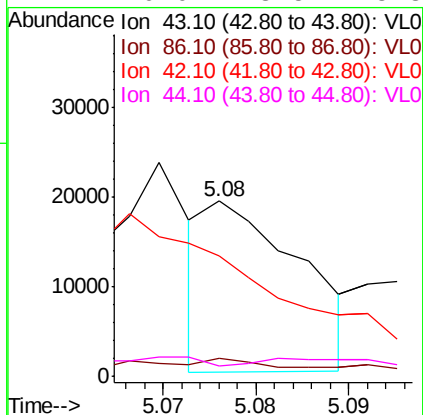
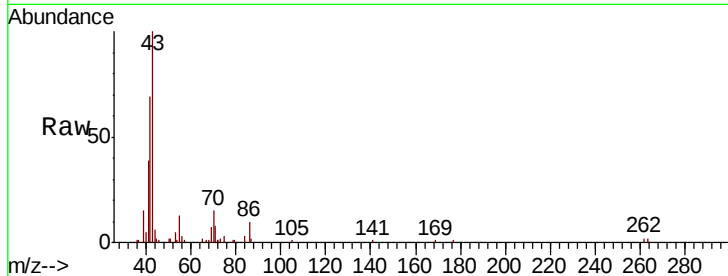
Tgt Ion: 96 Resp: 44
Ion Ratio Lower Upper
96 100
61 0.0 128.2 192.2#
98 0.0 50.1 75.1#





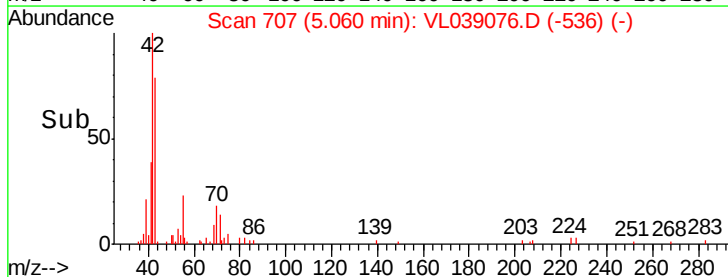
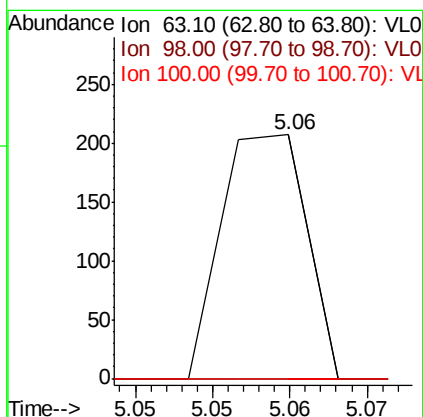
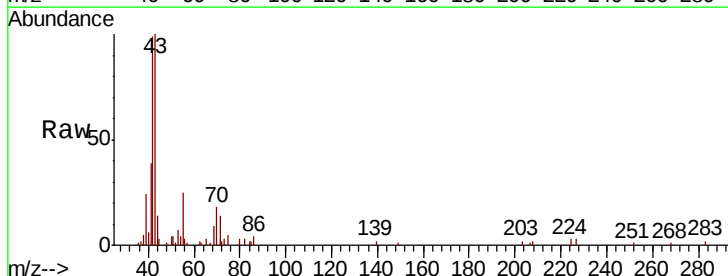
#23
 Vinyl Acetate
 Concen: 0.203 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 17 May 2022 19:39

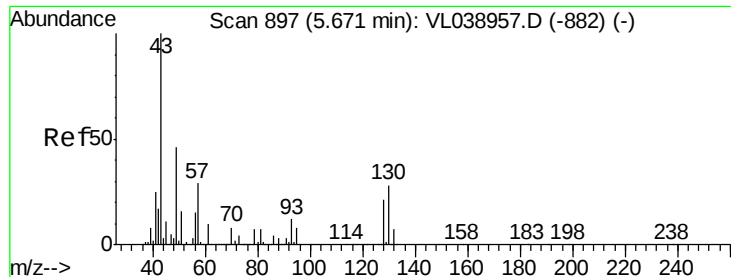
Tot Ion:	43	Resp:	13629
Ion	Ratio	Lower	Upper
43	100		
86	8.9	6.6	9.8
42	62.9	8.1	12.1#
44	0.0	3.5	5.3#



#24
 1,1-Dichloroethane
 Concen: 0.001 ppbv
 RT: 5.06 min Scan# 707
 Delta R.T.: 0.05 min
 Lab File: VL039076.D
 Acq: 17 May 2022 19:39

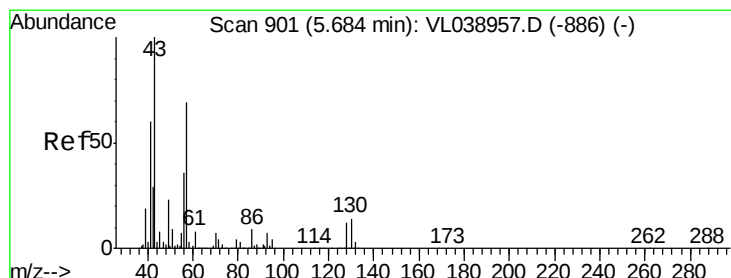
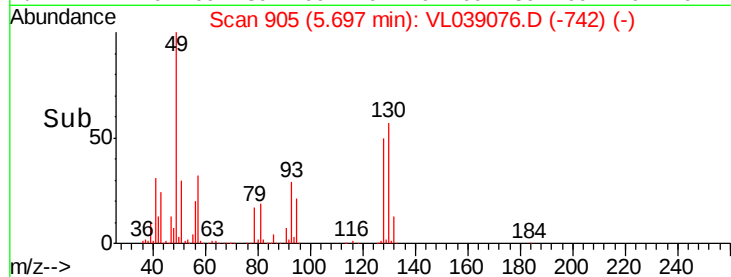
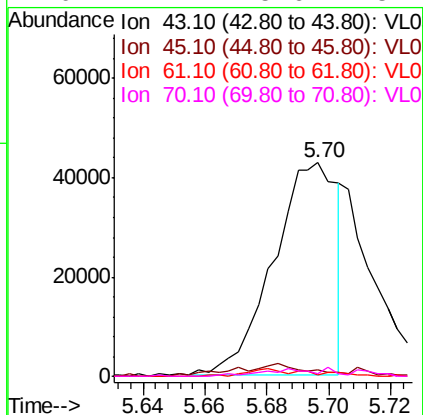
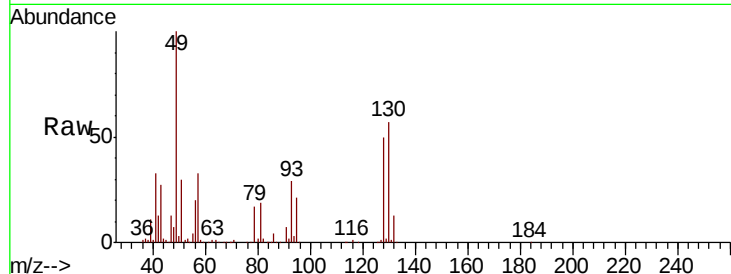
Tgt Ion:	63	Resp:	79
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.2#
100	0.0	1.4	4.2#





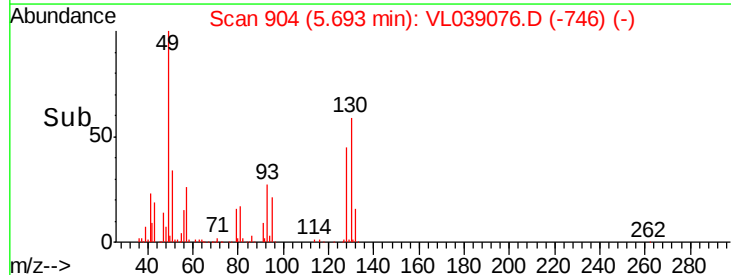
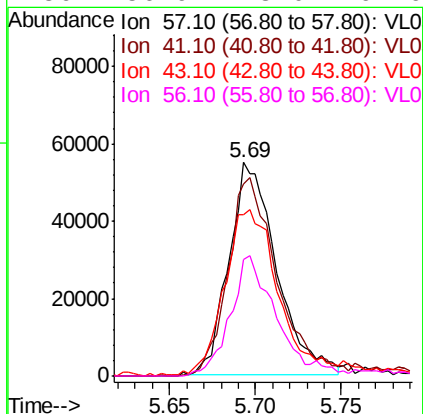
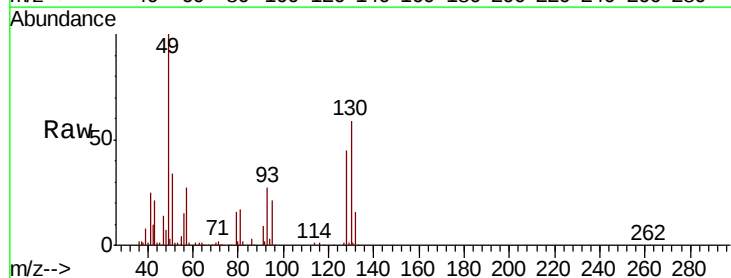
#25
Ethyl Acetate
Concen: 0.300 ppbv
RT: 5.70
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : 1161-8.01-1A-2DL
Acq: 17 May 2022 19:39

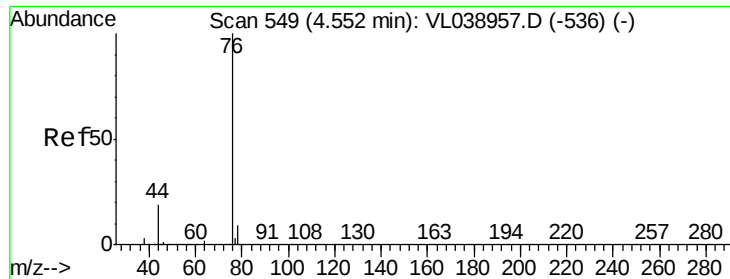
Tot Ion:	43	Resp:	61006
Ion	Ratio	Lower	Upper
43	100		
45	7.8	8.1	12.1#
61	4.1	7.8	11.6#
70	4.7	5.6	8.4#



#26
Hexane
Concen: 1.177 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.01 min
Lab File: VL039076.D
Acq: 17 May 2022 19:39

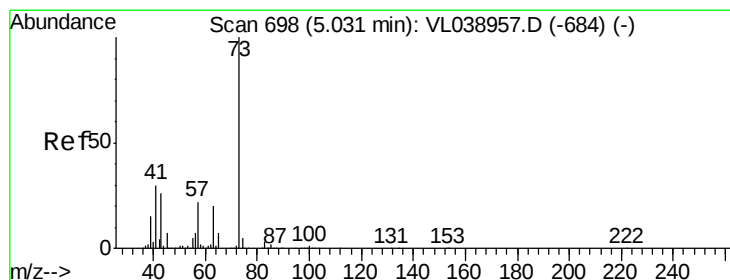
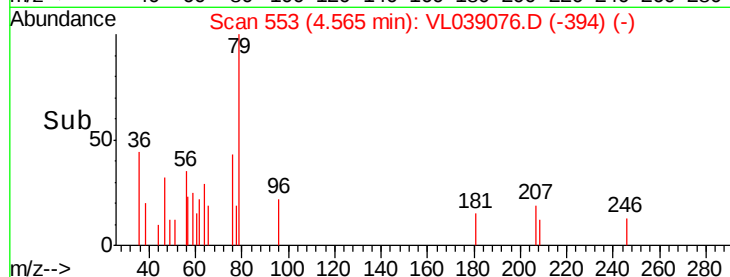
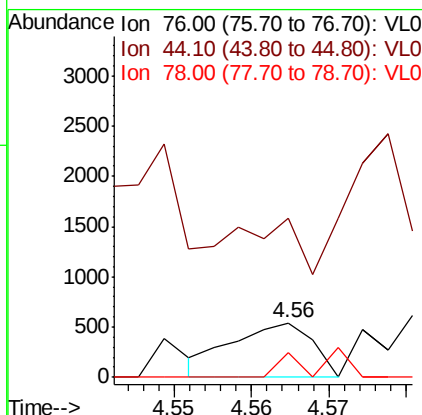
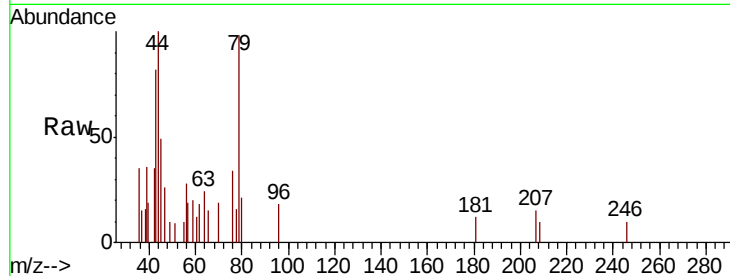
Tgt Ion:	57	Resp:	106200
Ion	Ratio	Lower	Upper
57	100		
41	98.9	75.2	112.8
43	92.7	190.8	286.2#
56	56.9	43.0	64.6





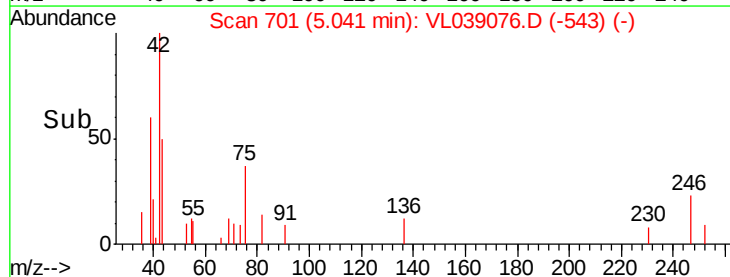
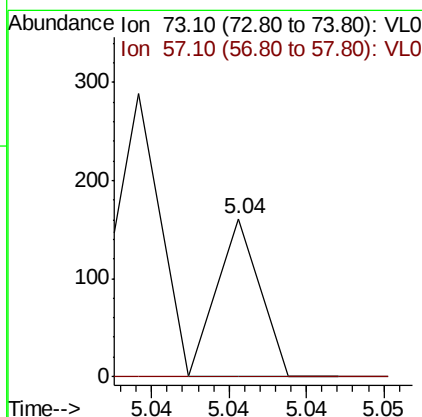
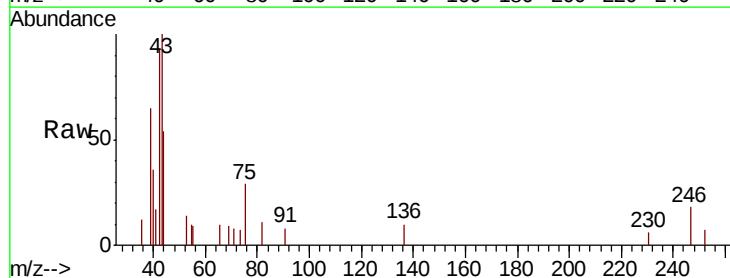
#27
Carbon Disulfide
Concen: 0.005 ppbv
RT: 4.56 Instrument: MSVOA_1
Delta R.T. ClientSampleId:
Lab File: 1161-8.01-1A-2DL
Acq: 17 May 2022 19:39

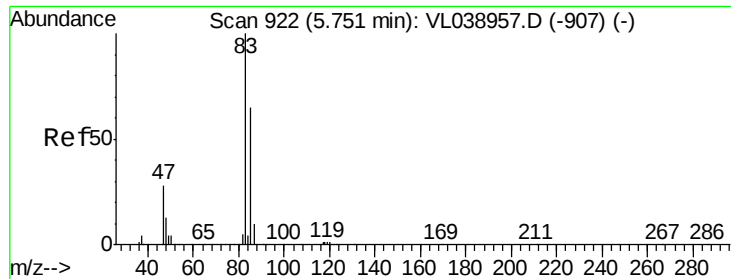
Tot Ion: 76 Resp: 395
Ion Ratio Lower Upper
76 100
44 0.0 15.3 22.9#
78 0.0 8.2 12.2#



#28
Methyl tert-Butyl Ether
Concen: 0.000 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.01 min
Lab File: VL039076.D
Acq: 17 May 2022 19:39

Tgt Ion: 73 Resp: 31
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2#





#29

Chloroform

Concen: 0.061 ppbv

RT: 5.76 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampled:

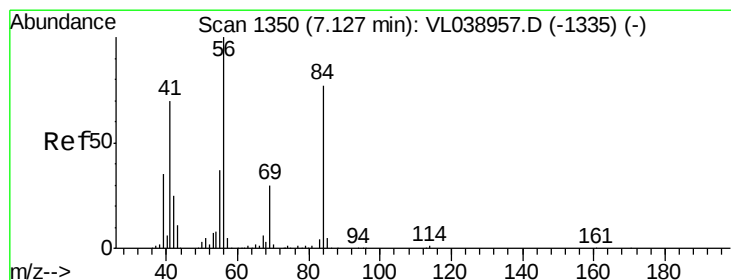
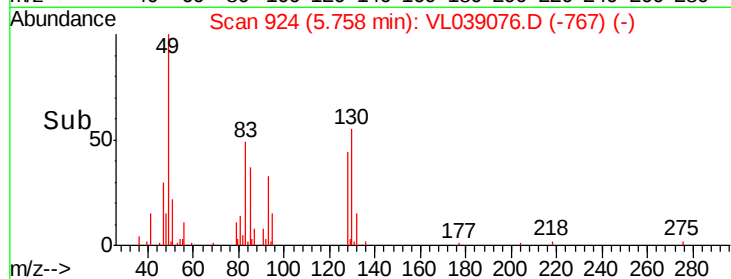
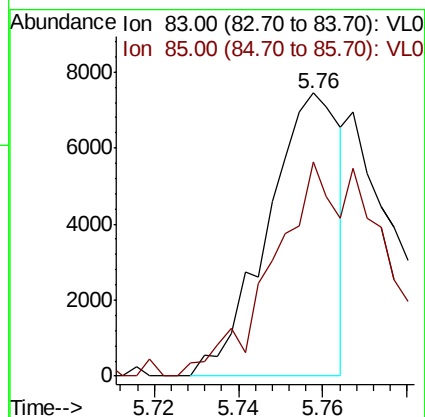
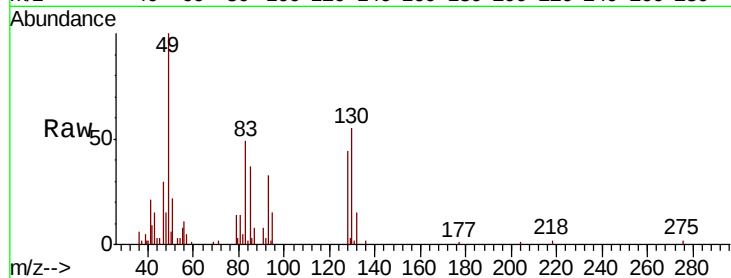
Acq: 17 May 2022 19:39 1161-8.01-1A-2DL

Tot Ion: 83 Resp: 8848

Ion Ratio Lower Upper

83 100

85 74.7 51.8 77.6



#30

Cyclohexane

Concen: 0.029 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. 0.02 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

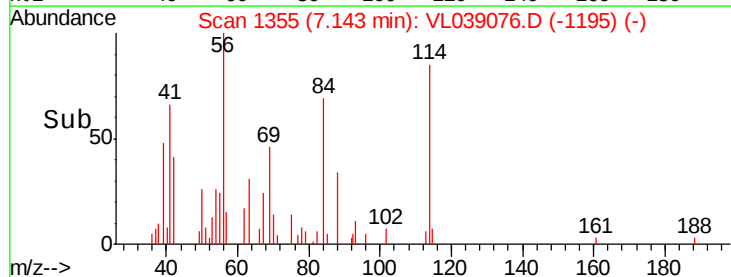
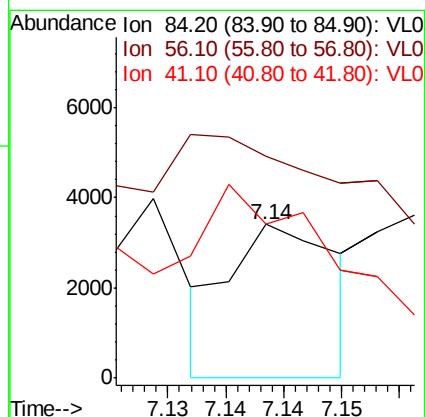
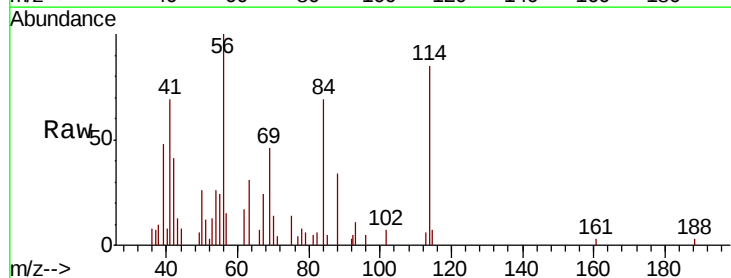
Tgt Ion: 84 Resp: 2188

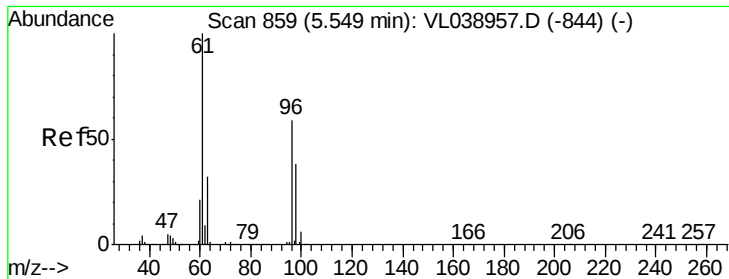
Ion Ratio Lower Upper

84 100

56 0.0 115.3 172.9#

41 354.4 72.0 108.0#





#31

cis-1,2-Dichloroethene

Concen: 0.002 ppbv

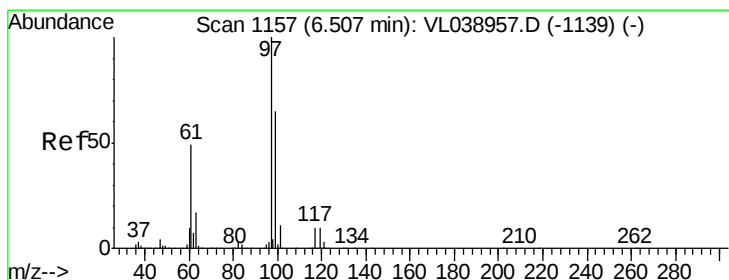
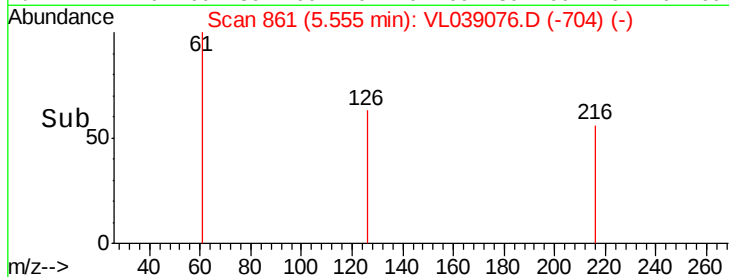
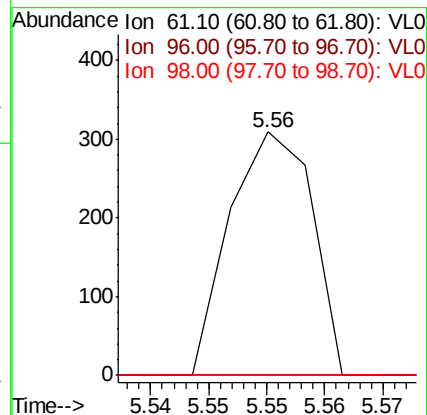
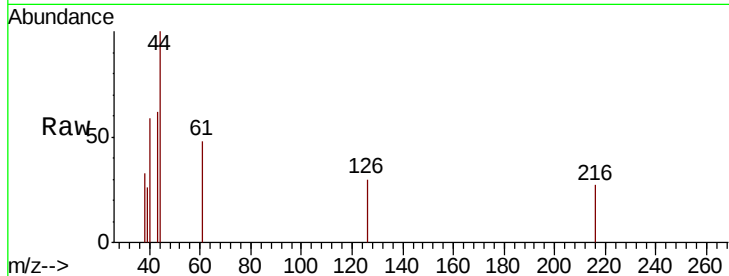
RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 19:39

Tot Ion:	61	Resp:	152
Ion	Ratio	Lower	Upper
61	100		
96	0.0	47.4	71.0#
98	0.0	30.6	45.8#



#32

1,1,1-Trichloroethane

Concen: 0.001 ppbv

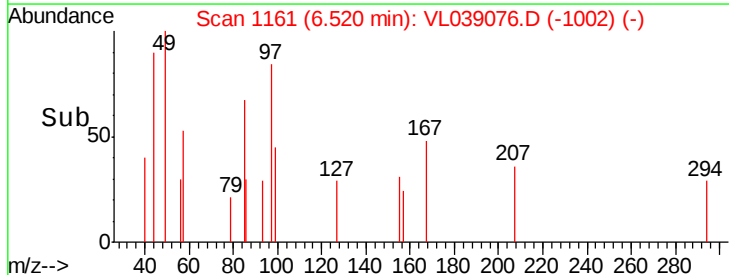
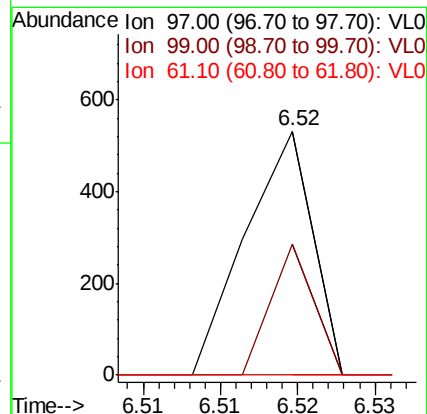
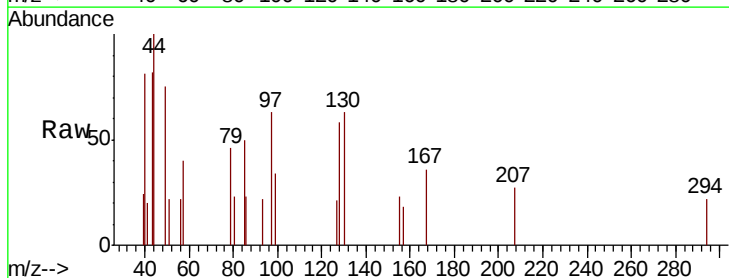
RT: 6.52 min Scan# 1161

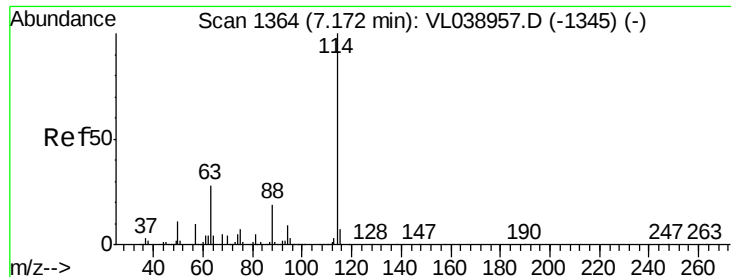
Delta R.T. 0.01 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

Tgt Ion:	97	Resp:	160
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.9	77.9#
61	110.0	40.9	61.3#

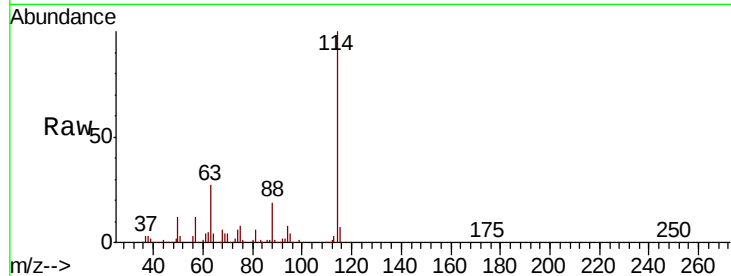




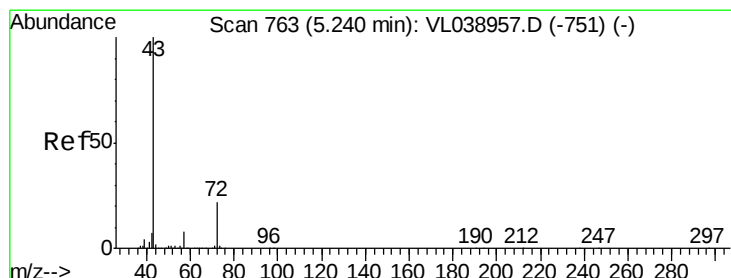
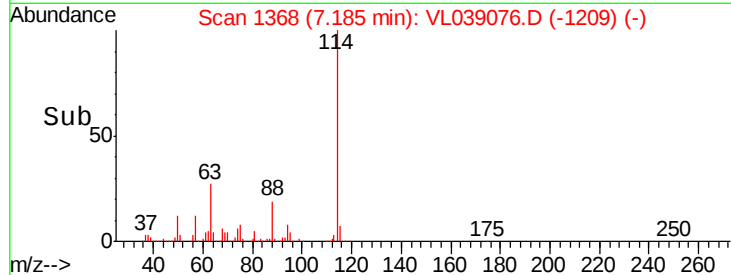
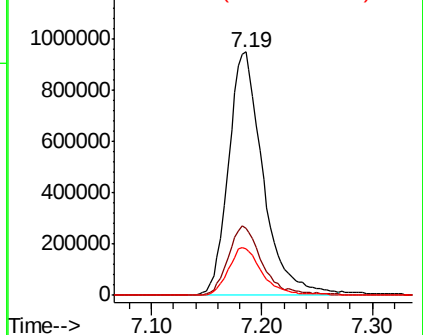
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 May 2022 19:39

Tot Ion:114 Resp: 2065198

Ion	Ratio	Lower	Upper
114	100		
63	28.6	22.6	33.8
88	19.5	15.4	23.0



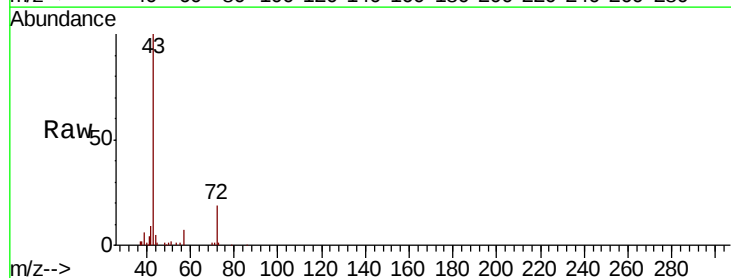
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



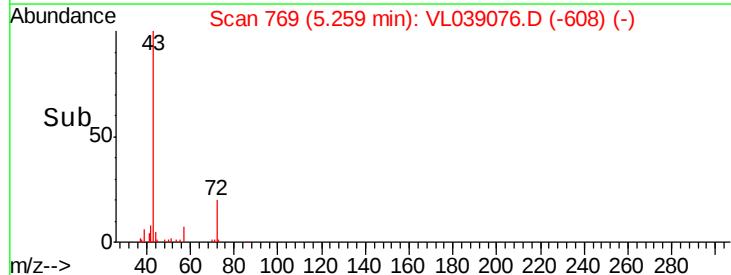
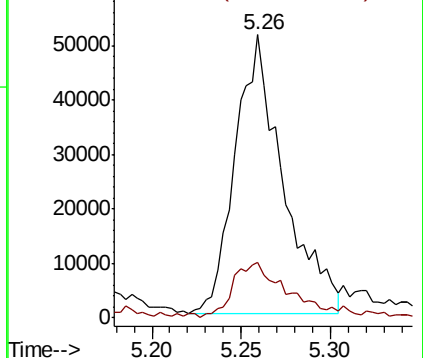
#34
 2-Butanone
 Concen: 0.907 ppbv
 RT: 5.26 min Scan# 769
 Delta R.T. 0.02 min
 Lab File: VL039076.D
 Acq: 17 May 2022 19:39

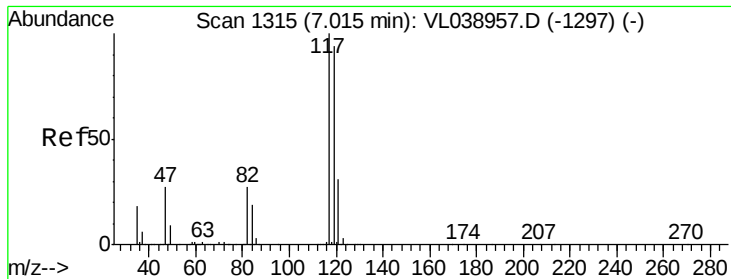
Tgt Ion: 43 Resp: 95544

Ion	Ratio	Lower	Upper
43	100		
72	26.2	17.8	26.6



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





#35

Carbon Tetrachloride

Concen: 0.008 ppbv

RT: 7.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 19:39

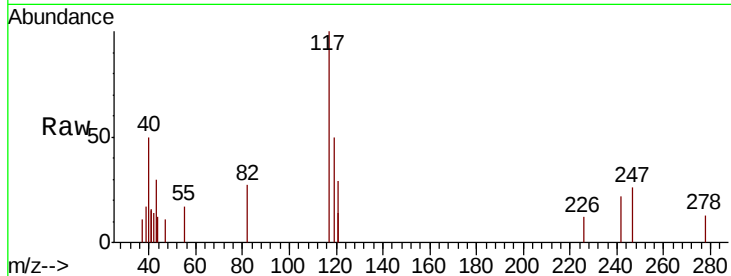
Tot Ion:117 Resp: 1053

Ion Ratio Lower Upper

117 100

119 17.4 75.2 112.8#

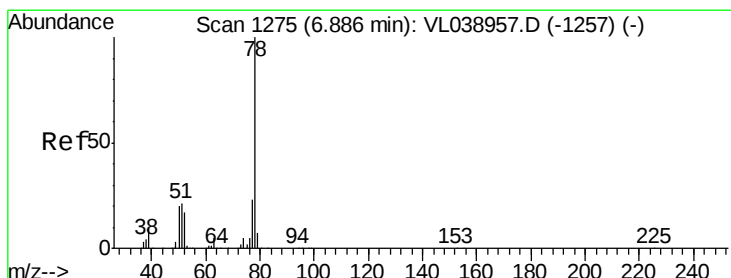
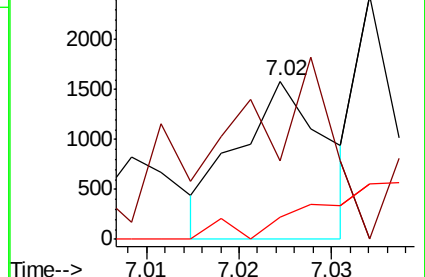
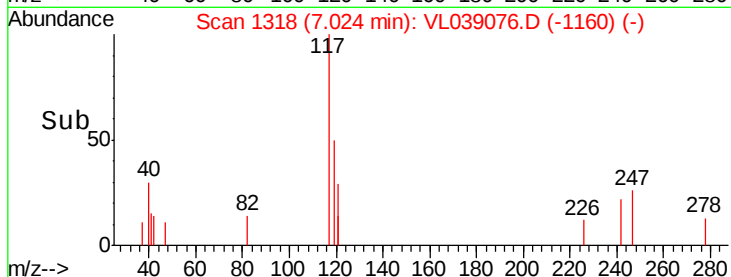
121 19.9 24.6 37.0#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.273 ppbv

RT: 6.90 min Scan# 1280

Delta R.T. 0.02 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

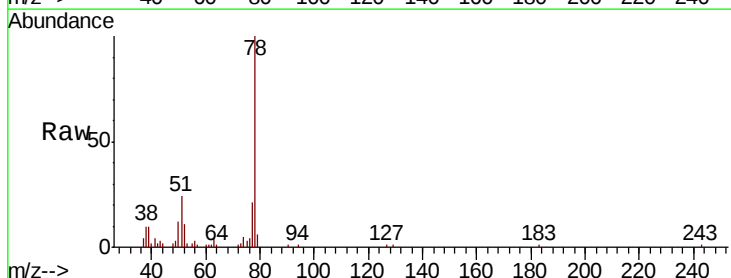
Tgt Ion: 78 Resp: 48184

Ion Ratio Lower Upper

78 100

77 18.9 18.6 28.0

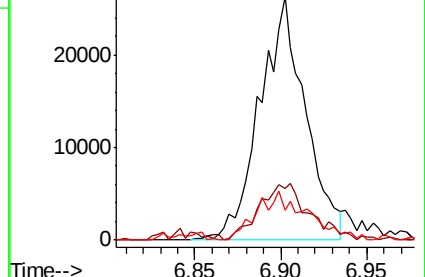
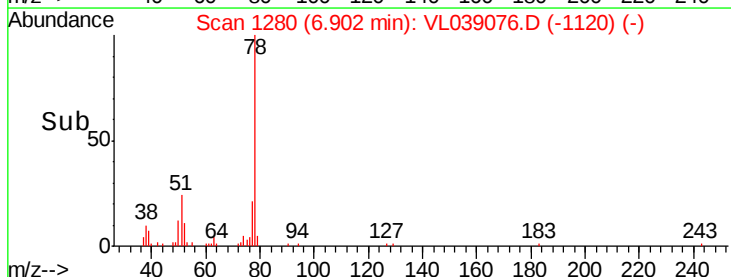
50 10.6 15.6 23.4#

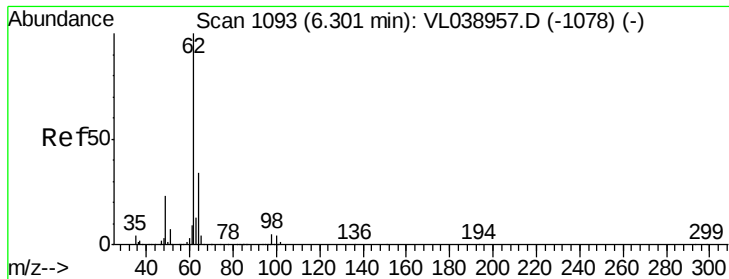


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

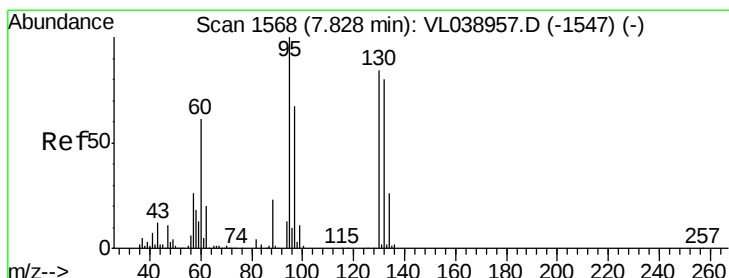
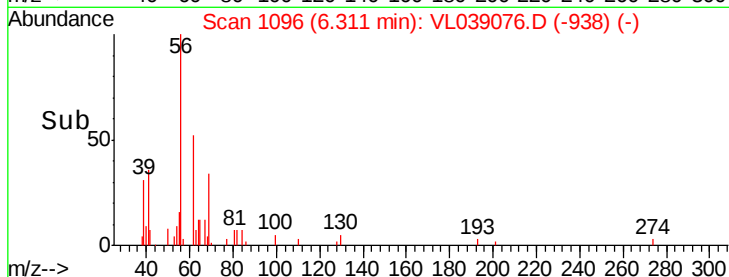
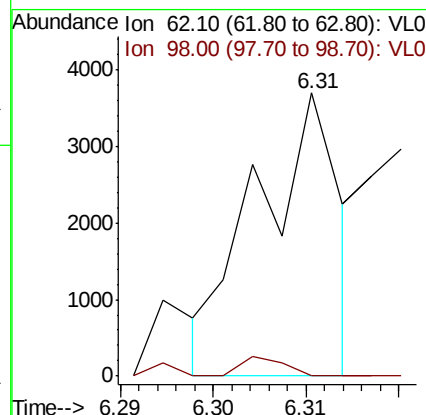
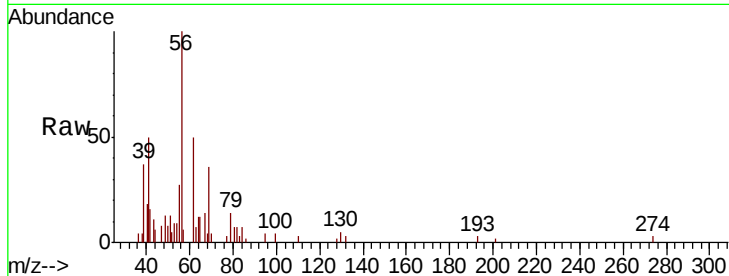
Ion 50.10 (49.80 to 50.80): VL0





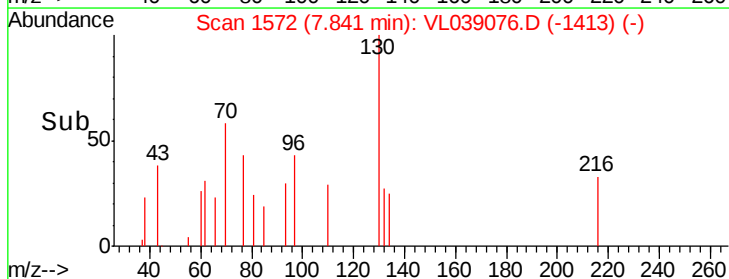
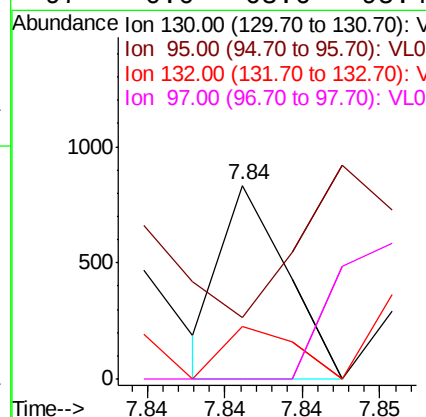
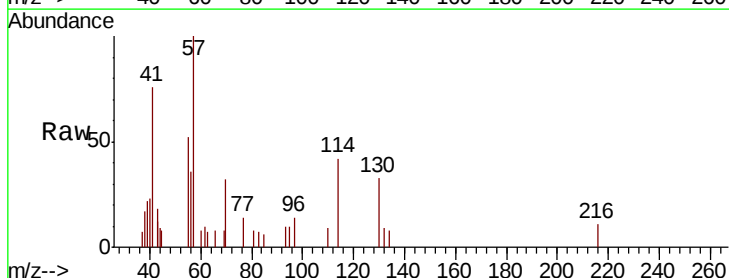
#37
 1,2-Dichloroethane
 Concen: 0.021 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 1161-8.01-1A-2DL
 Acq: 17 May 2022 19:39

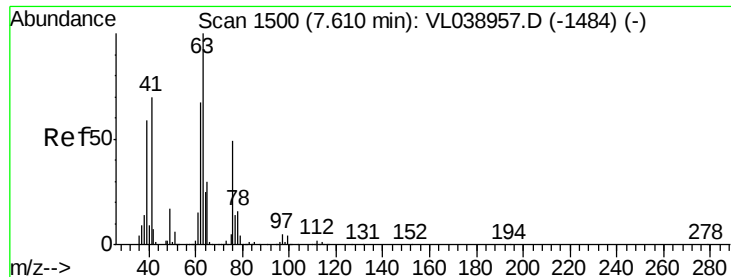
Tot Ion: 62 Resp: 2273
 Ion Ratio Lower Upper
 62 100
 98 7.5 4.5 6.7#



#38
 Trichloroethene
 Concen: 0.003 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL039076.D
 Acq: 17 May 2022 19:39

Tgt Ion: 130 Resp: 244
 Ion Ratio Lower Upper
 130 100
 95 0.0 94.8 142.2#
 132 27.0 75.8 113.8#
 97 0.0 63.6 95.4#





#39

1,2-Dichloropropane

Concen: 0.118 ppbv

RT: 7.23 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampled:

Acq: 17 May 2022 19:39 1161-8.01-1A-2DL

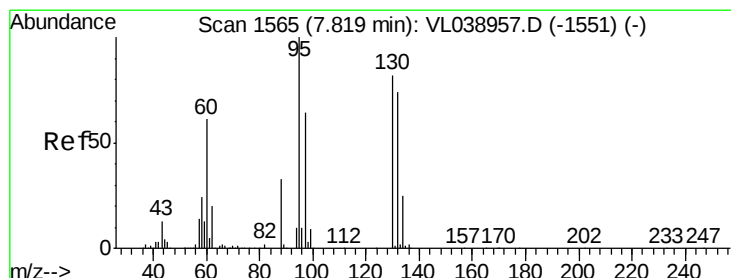
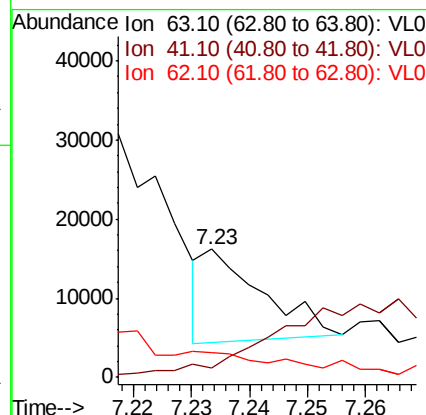
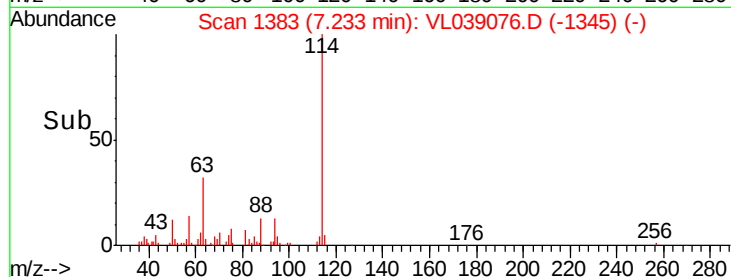
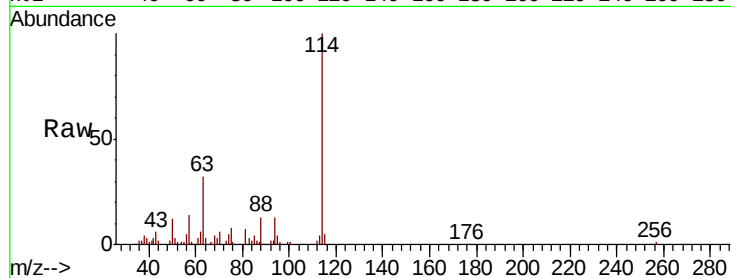
Tot Ion: 63 Resp: 8137

Ion Ratio Lower Upper

63 100

41 0.0 55.9 83.9#

62 8.5 53.8 80.6#



#40

1,4-Dioxane

Concen: 0.006 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. 0.02 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

Tgt Ion: 88 Resp: 141

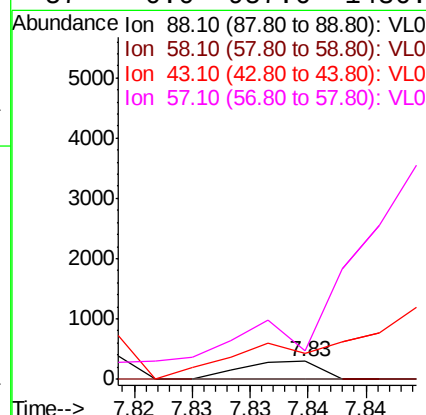
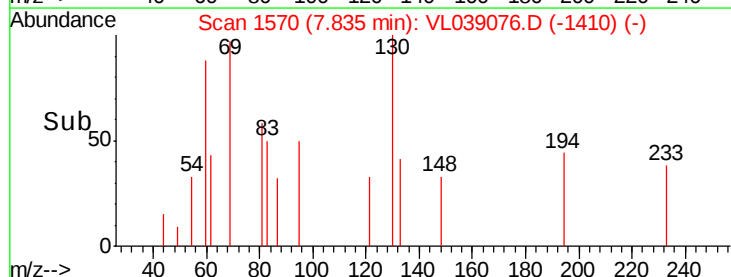
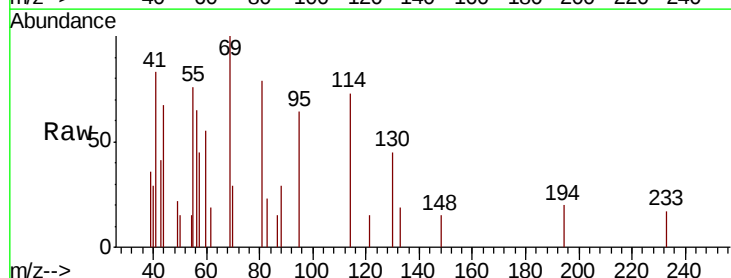
Ion Ratio Lower Upper

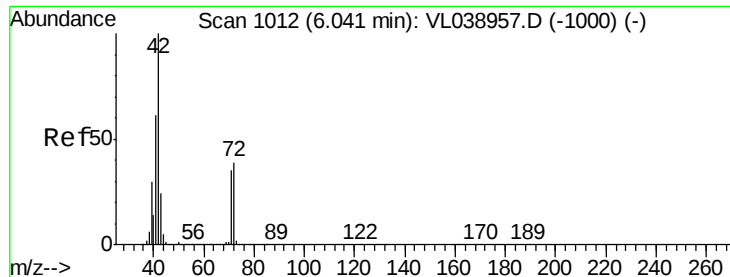
88 100

58 0.0 106.1 159.1#

43 0.0 222.9 334.3#

57 0.0 957.6 1436.4#





#41

Tetrahydrofuran

Concen: 0.562 ppbv

RT: 6.07 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: 1161-8.01-A-2DL

Acq: 17 May 2022 19:39

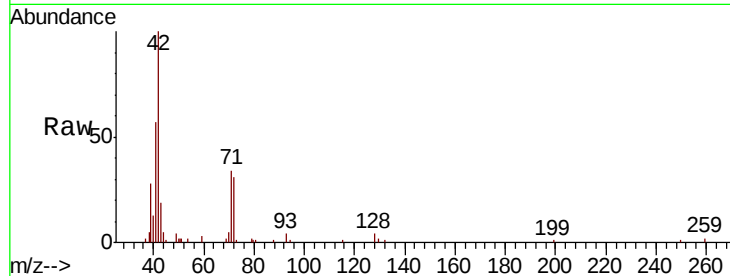
Tot Ion: 42 Resp: 39802

Ion Ratio Lower Upper

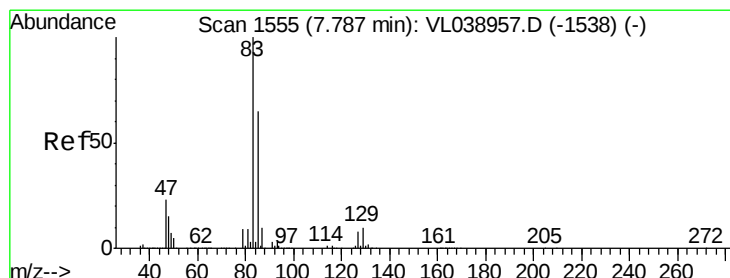
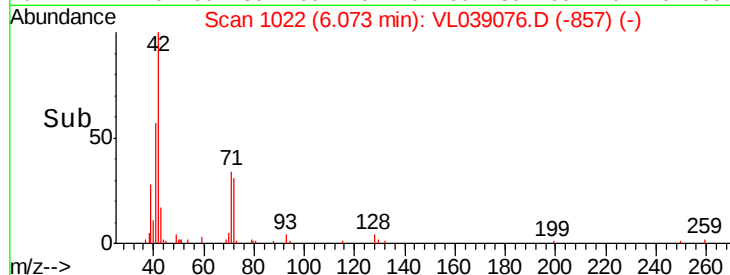
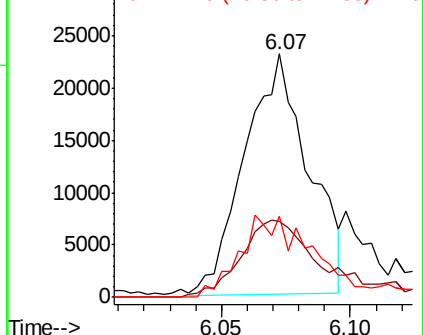
42 100

72 42.8 31.8 47.6

71 45.6 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: 0.007 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

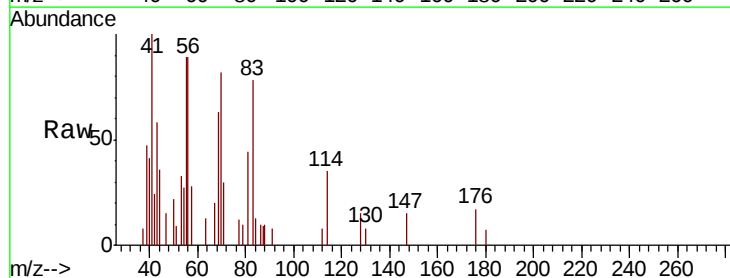
Tgt Ion: 83 Resp: 1065

Ion Ratio Lower Upper

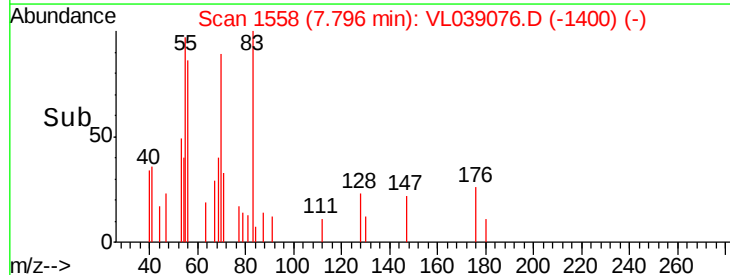
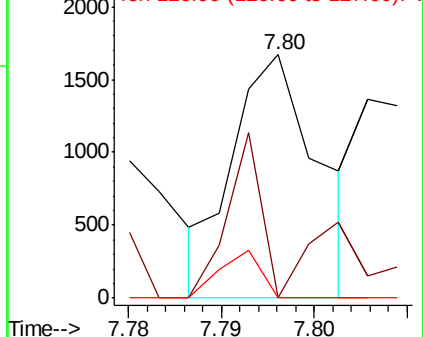
83 100

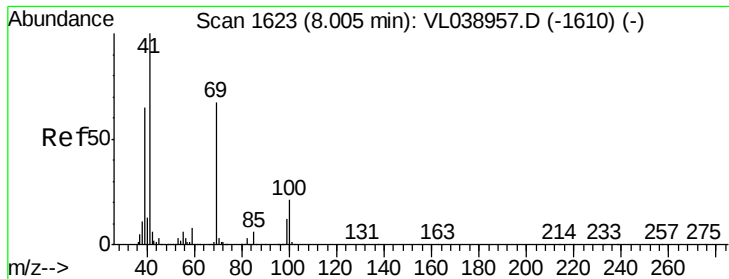
85 0.0 52.0 78.0#

127 0.0 6.0 9.0#



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





#43

Methyl Methacrylate

Concen: 0.003 ppbv

RT: 8.02

Instrument: MSVOA_1

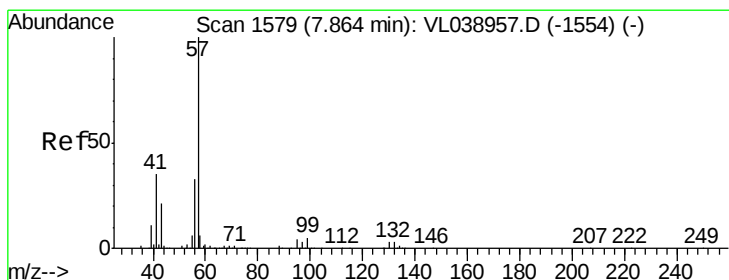
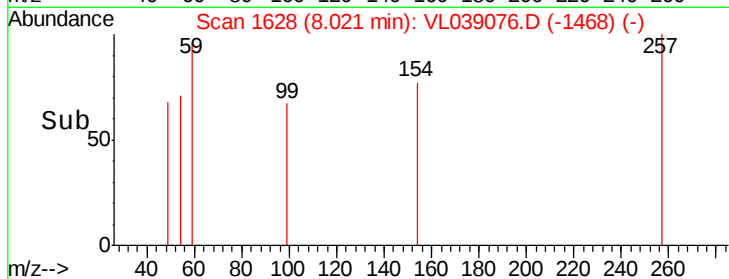
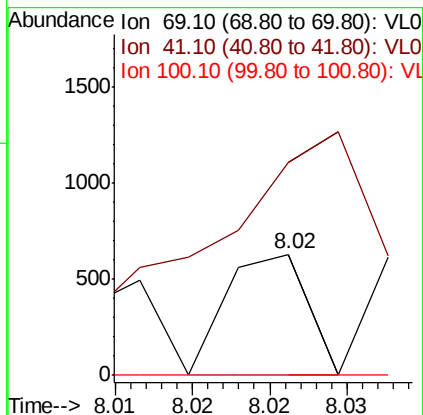
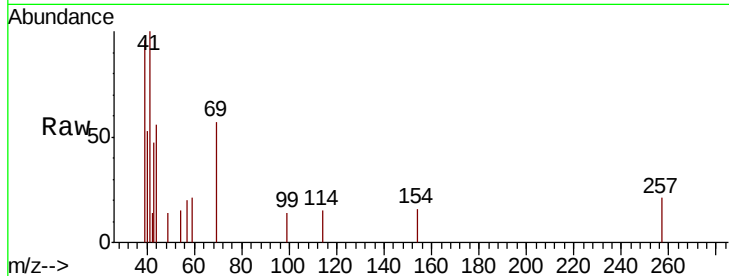
Delta R.T. 0.01

Lab File: ClientSampleId: 1161-8.01-1A-2DL

Acq: 17 May 2022 19:39

Tot Ion: 69 Resp: 230

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



#44

2,2,4-Trimethylpentane

Concen: 0.324 ppbv

RT: 7.88 min Scan# 1583

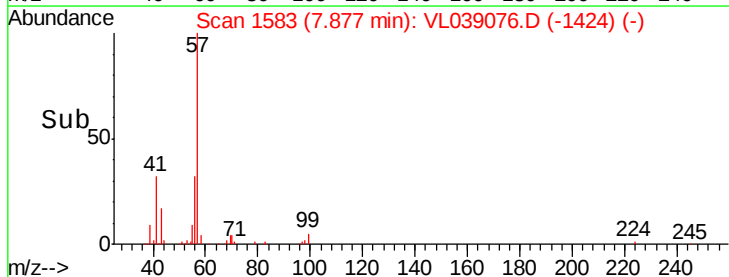
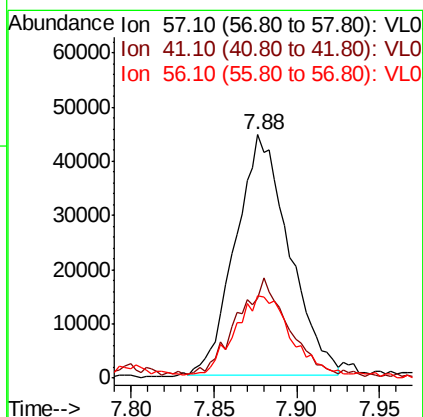
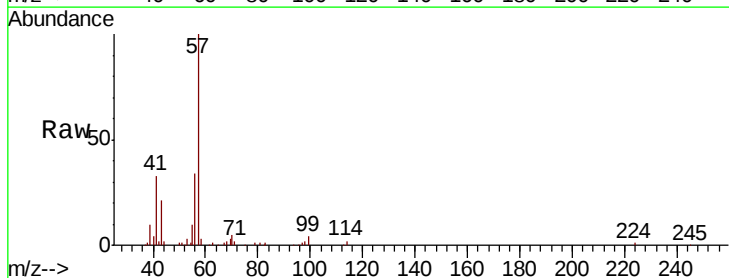
Delta R.T. 0.01 min

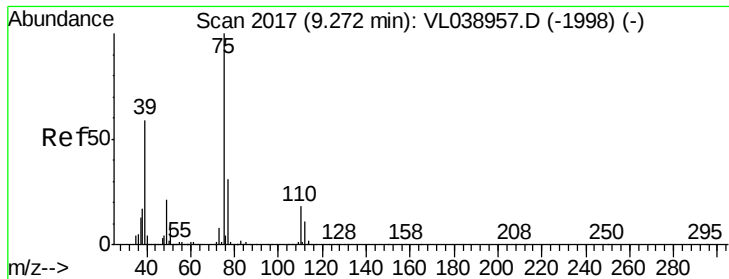
Lab File: VL039076.D

Acq: 17 May 2022 19:39

Tgt Ion: 57 Resp: 100346

Ion	Ratio	Lower	Upper
57	100		
41	42.4	26.3	39.5#
56	37.1	24.6	37.0#





#45

t-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 9.32 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

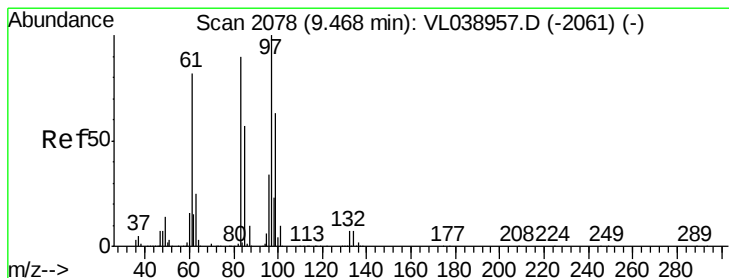
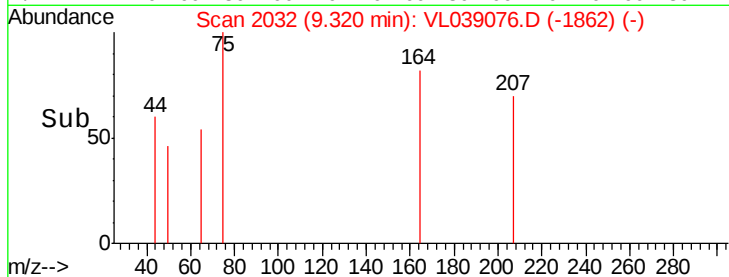
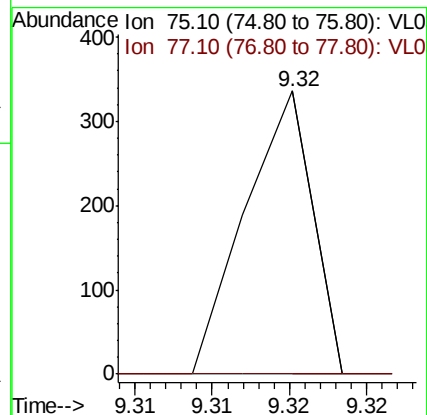
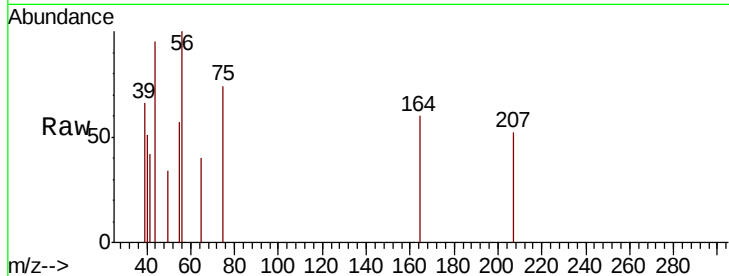
Acq: 17 May 2022 19:39

Tot Ion: 75 Resp: 101

Ion Ratio Lower Upper

75 100

77 0.0 24.6 37.0#



#47

1,1,2-Trichloroethane

Concen: 0.002 ppbv

RT: 9.56 min Scan# 2106

Delta R.T. 0.09 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

Tgt Ion: 97 Resp: 159

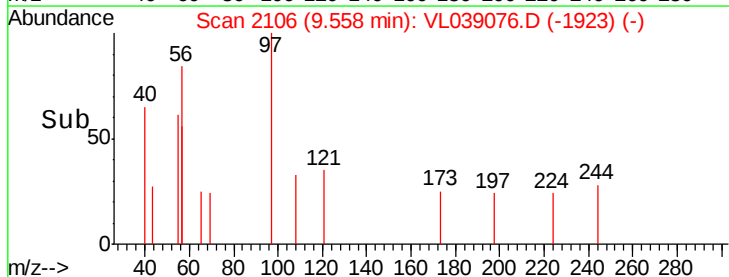
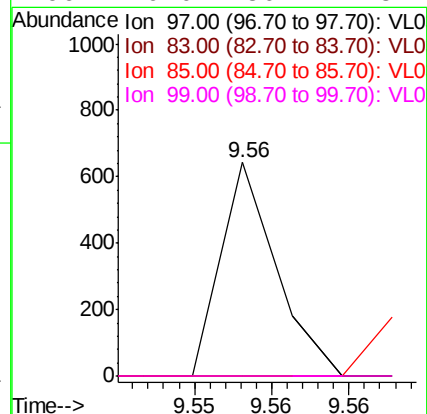
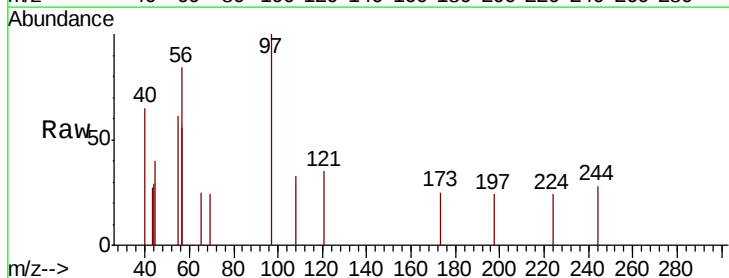
Ion Ratio Lower Upper

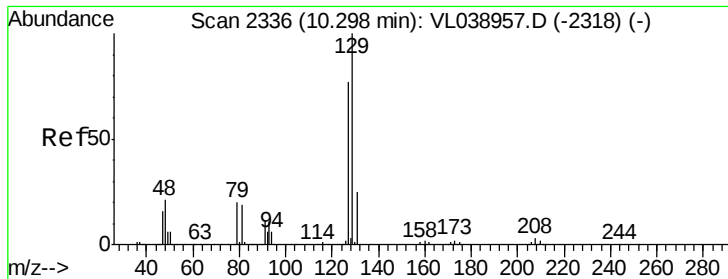
97 100

83 0.0 72.0 108.0#

85 0.0 45.7 68.5#

99 0.0 50.2 75.4#





#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 9.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampled:

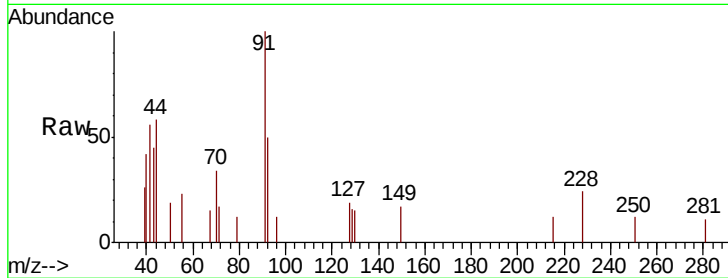
Acq: 17 May 2022 19:39

Tot Ion:129 Resp: 113

Ion Ratio Lower Upper

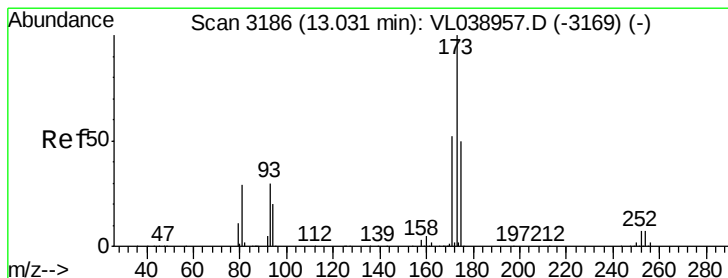
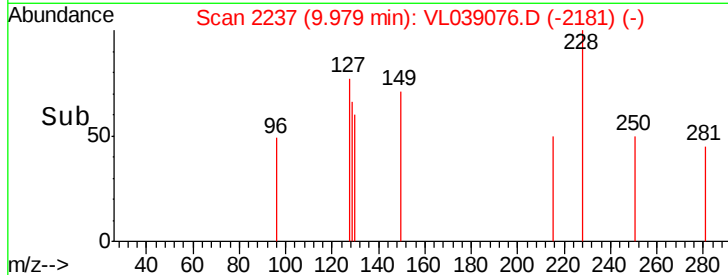
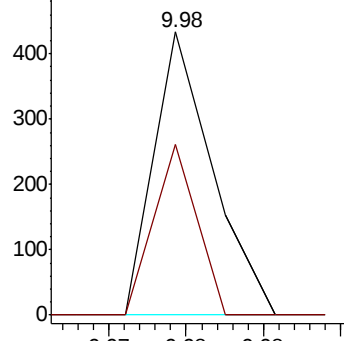
129 100

127 45.1 39.3 117.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#49

Bromoform

Concen: 0.001 ppbv

RT: 13.19 min Scan# 3236

Delta R.T. 0.16 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

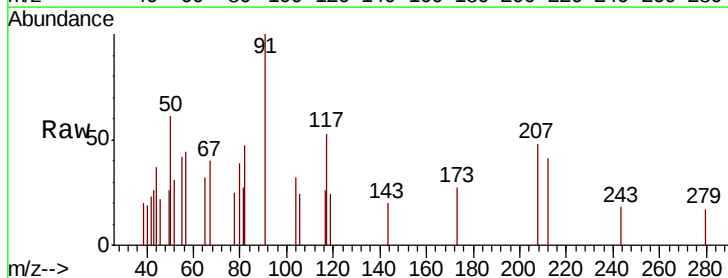
Tgt Ion:173 Resp: 84

Ion Ratio Lower Upper

173 100

175 0.0 41.0 61.6#

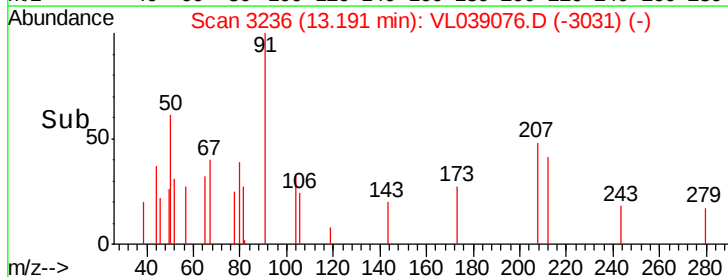
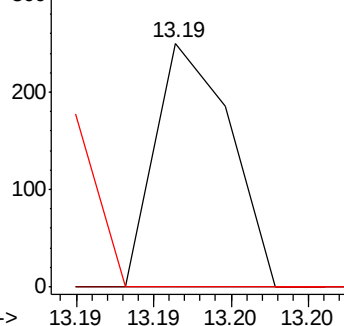
171 0.0 42.6 64.0#

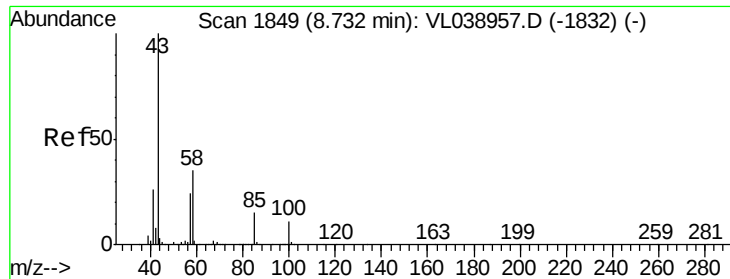


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

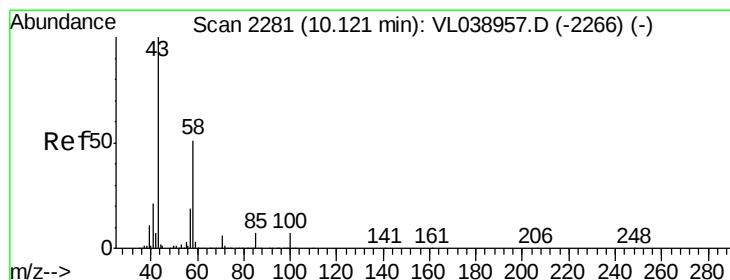
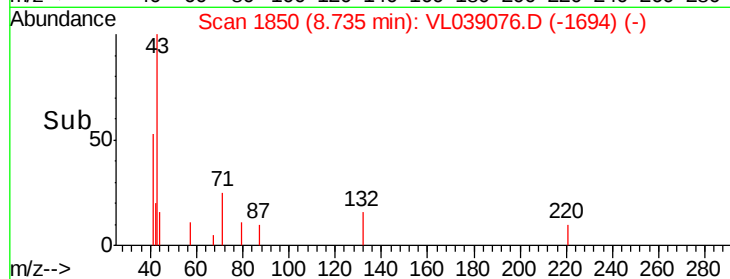
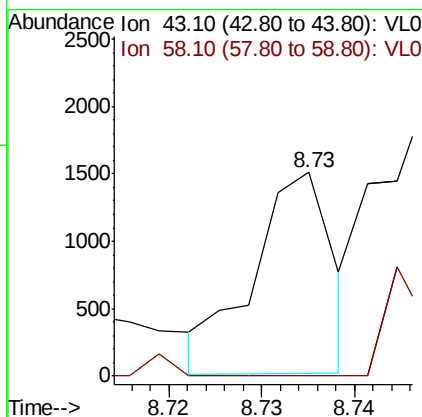
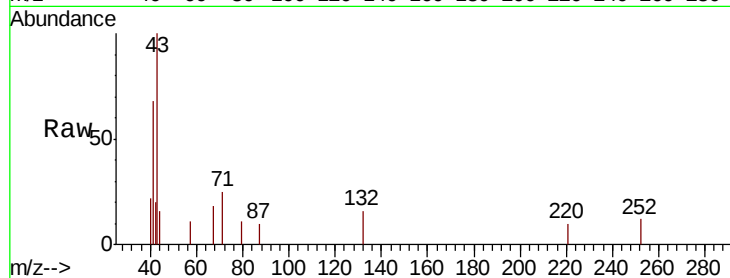
Ion 170.90 (170.60 to 171.60): V





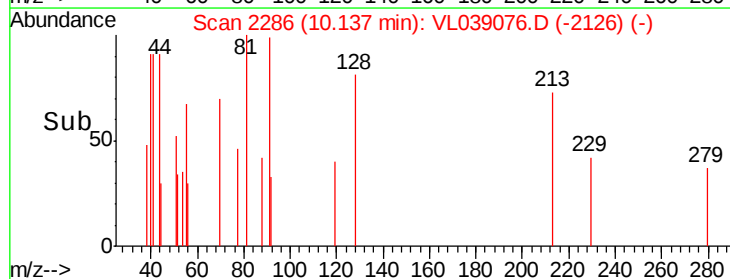
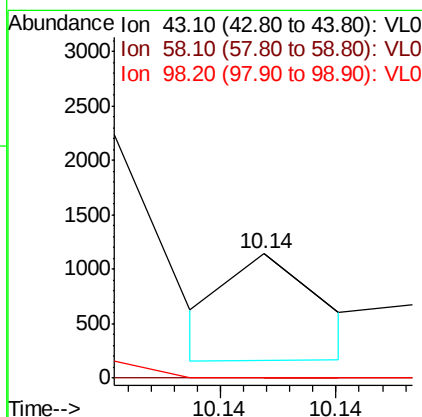
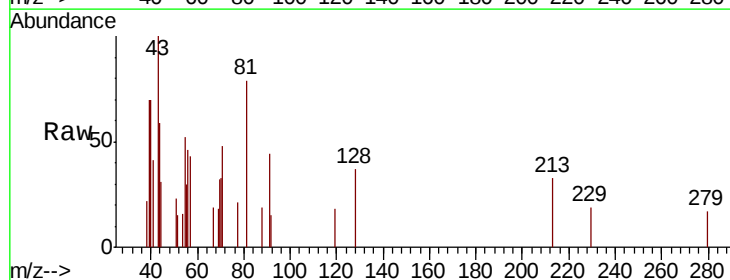
#50
 4-Methyl-2-pentanone
 Concen: 0.005 ppbv
 RT: 8.73
 Delta R.T. MSVOA_L
 Lab File: ClientSampled:
 1161-8.01-1A-2DL
 Acq: 17 May 2022 19:39

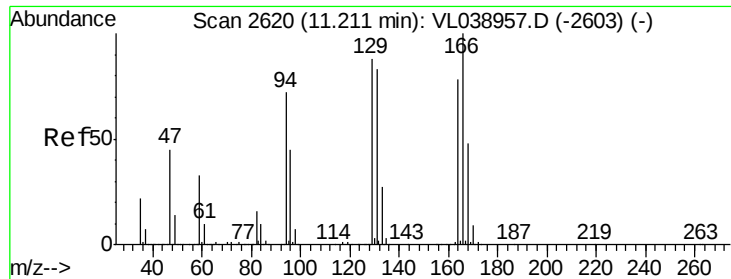
Tot Ion: 43 Resp: 879
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.4 42.6#



#51
 2-Hexanone
 Concen: 0.002 ppbv
 RT: 10.14 min Scan# 2286
 Delta R.T. 0.02 min
 Lab File: VL039076.D
 Acq: 17 May 2022 19:39

Tgt Ion: 43 Resp: 272
 Ion Ratio Lower Upper
 43 100
 58 0.0 39.3 58.9#
 98 11.0 0.2 0.2#





#52

Tetrachloroethene

Concen: 0.011 ppbv

RT: 11.23

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 19:39

Tot Ion:164 Resp: 671

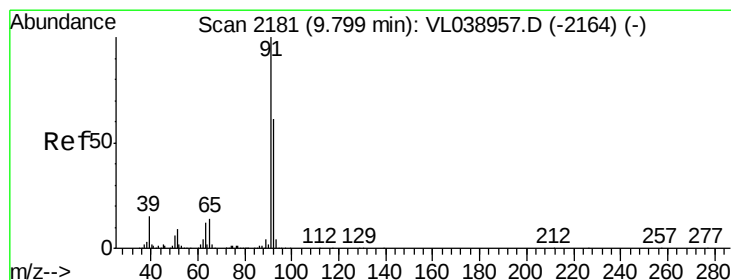
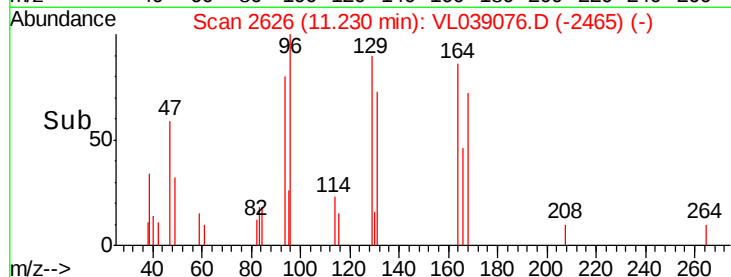
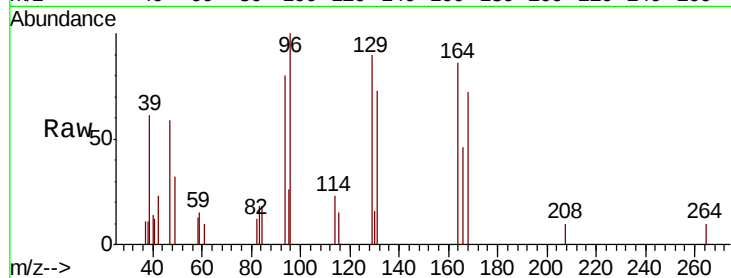
Ion Ratio Lower Upper

164 100

166 0.0 102.5 153.7#

129 0.0 90.1 135.1#

131 10.7 84.8 127.2#



#53

Toluene

Concen: 2.023 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. 0.02 min

Lab File: VL039076.D

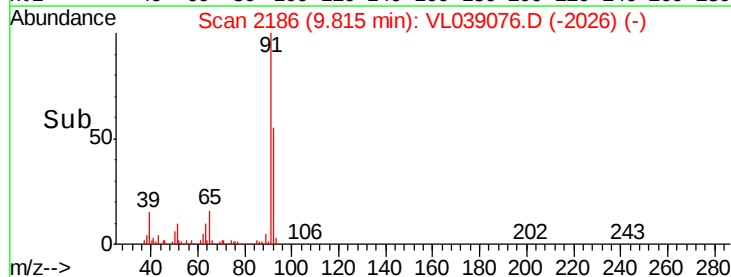
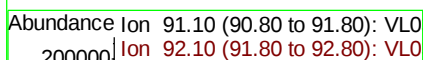
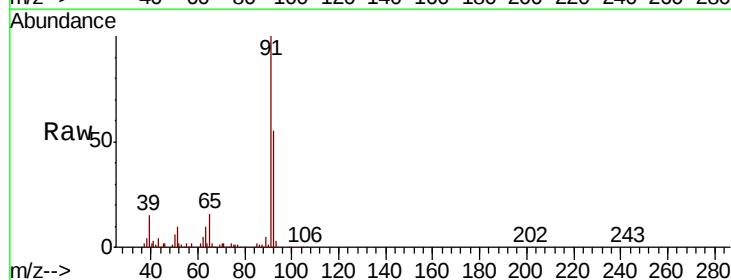
Acq: 17 May 2022 19:39

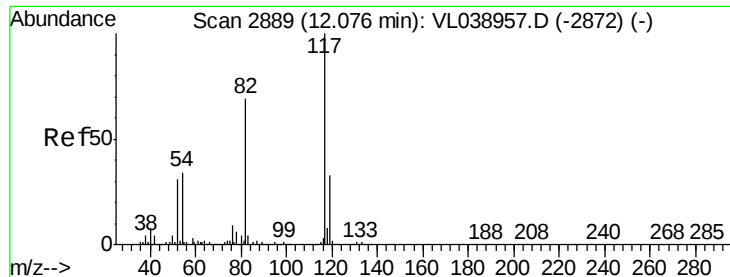
Tgt Ion: 91 Resp: 400649

Ion Ratio Lower Upper

91 100

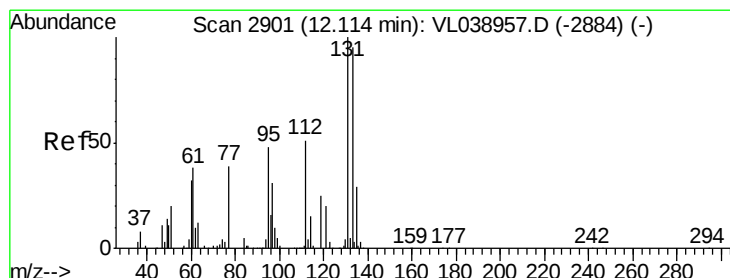
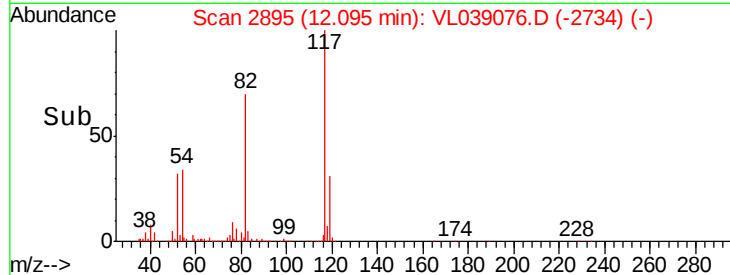
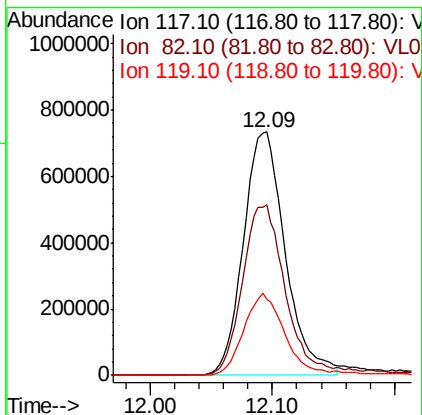
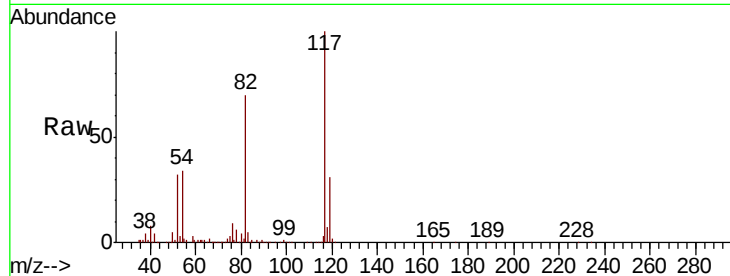
92 58.5 48.2 72.2





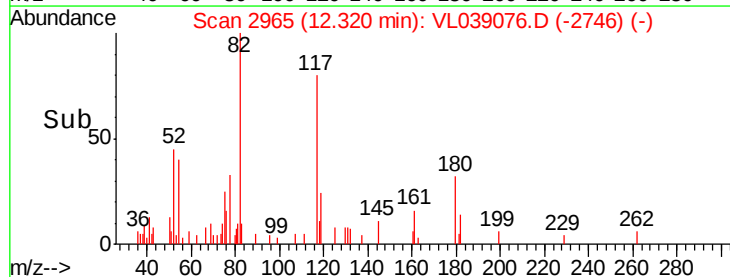
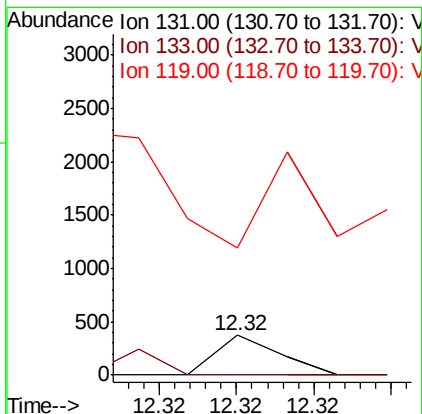
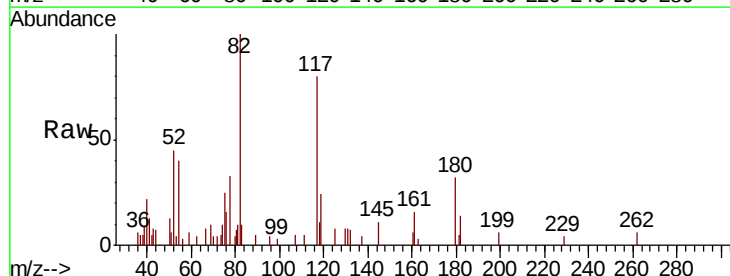
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampled:
1161-8.01-A-2DL
Acq: 17 May 2022 19:39

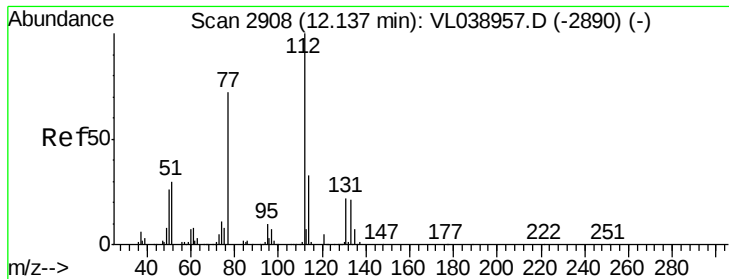
Tot Ion:117 Resp: 1737860
Ion Ratio Lower Upper
117 100
82 75.4 57.0 85.6
119 33.9 27.2 40.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 12.32 min Scan# 2965
Delta R.T.: 0.21 min
Lab File: VL039076.D
Acq: 17 May 2022 19:39

Tgt Ion:131 Resp: 105
Ion Ratio Lower Upper
131 100
133 0.0 76.9 115.3#
119 0.0 47.4 71.0#





#57

Chlorobenzene

Concen: 0.001 ppbv

RT: 12.16

Delta R.T. MSVOA_L

Lab File: ClientSampled:

Acq: 17 May 2022 19:39

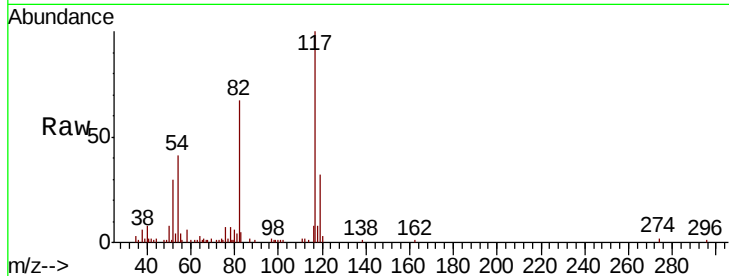
Tot Ion: 112 Resp: 165

Ion Ratio Lower Upper

112 100

77 29.6 57.7 86.5#

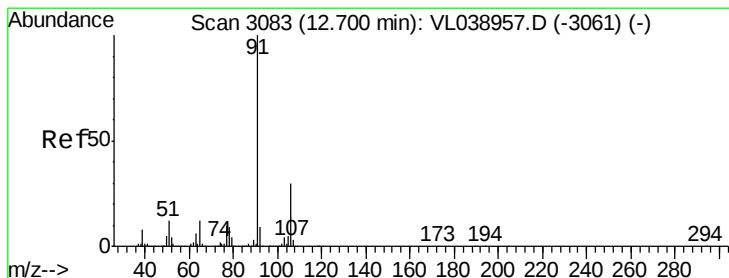
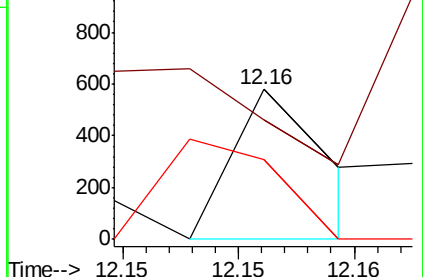
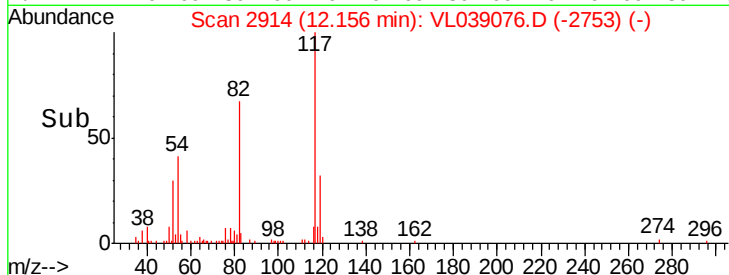
114 52.9 30.1 36.7#



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: 0.326 ppbv

RT: 12.72 min Scan# 3089

Delta R.T. 0.02 min

Lab File: VL039076.D

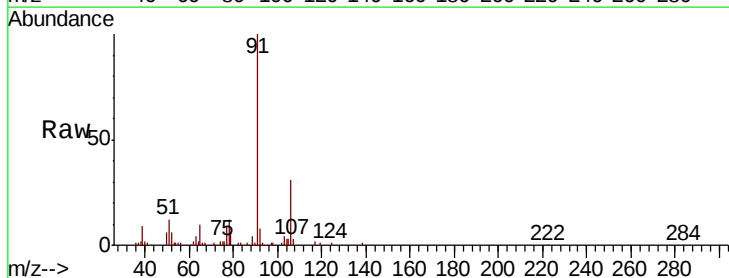
Acq: 17 May 2022 19:39

Tgt Ion: 91 Resp: 81603

Ion Ratio Lower Upper

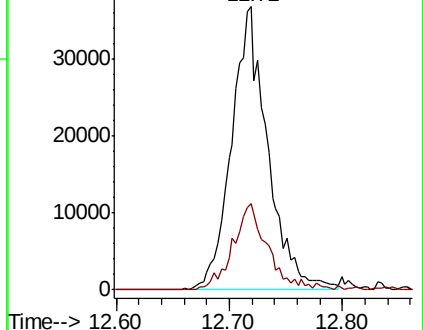
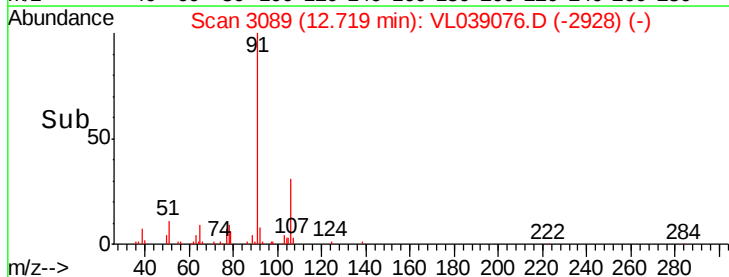
91 100

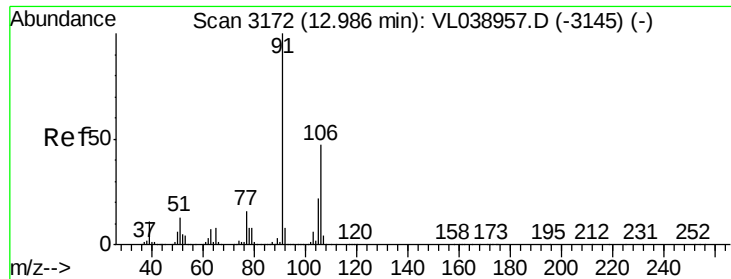
106 30.7 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 0.065 ppbv

RT: 12.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

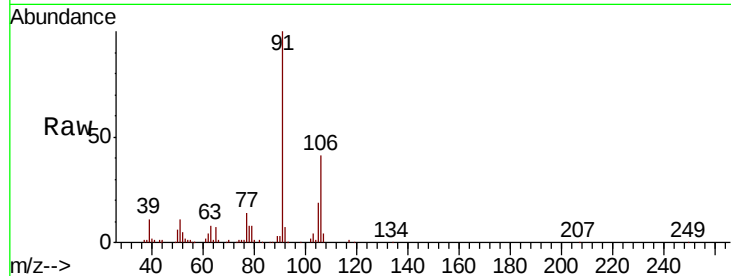
Acq: 17 May 2022 19:39

Tot Ion: 91 Resp: 13883

Ion Ratio Lower Upper

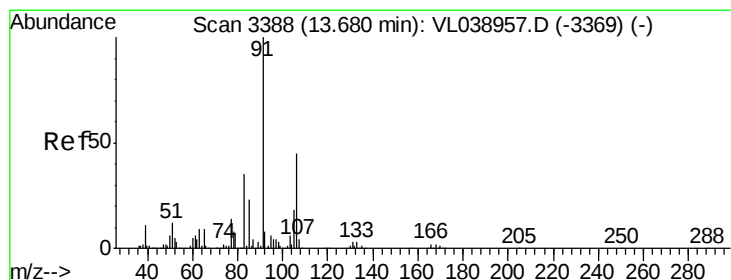
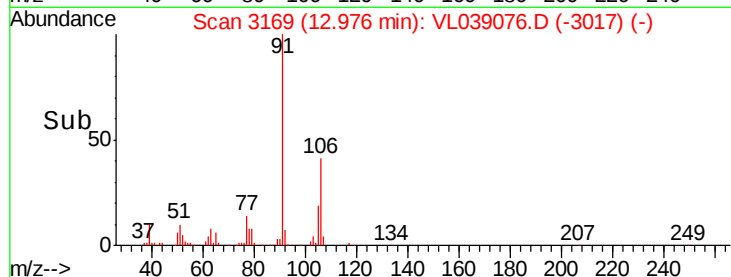
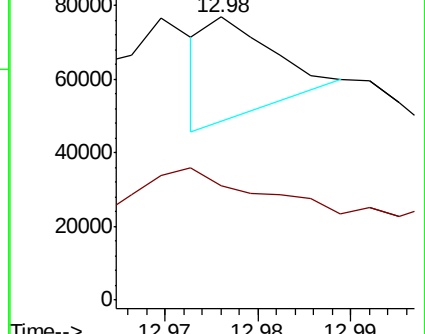
91 100

106 819.0 34.6 52.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.174 ppbv

RT: 13.71 min Scan# 3396

Delta R.T. 0.03 min

Lab File: VL039076.D

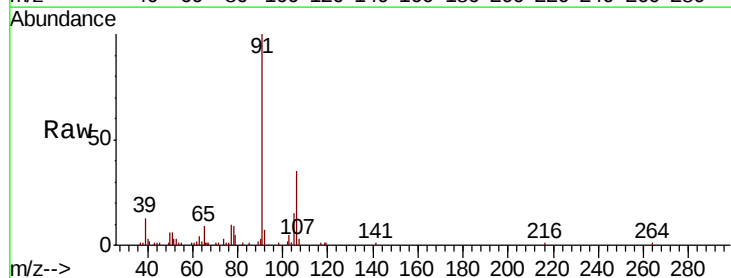
Acq: 17 May 2022 19:39

Tgt Ion: 91 Resp: 34900

Ion Ratio Lower Upper

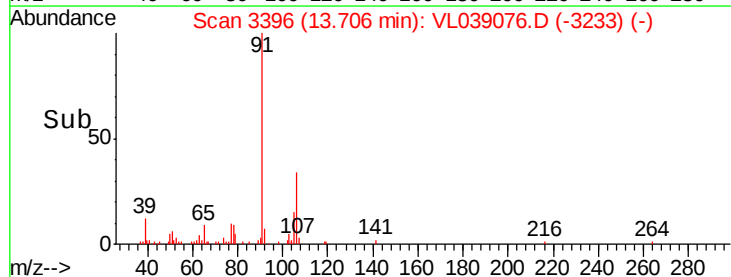
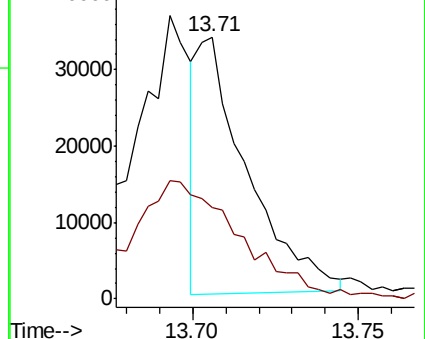
91 100

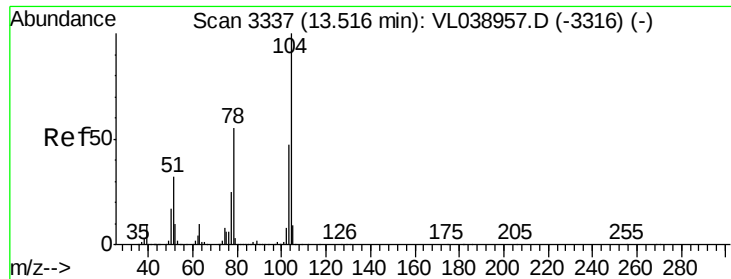
106 0.0 22.2 66.6#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Stvrene

Concen: 0.005 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampled:

Acq: 17 May 2022 19:39

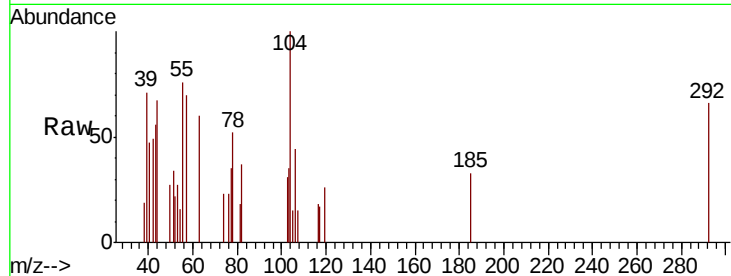
Tot Ion:104 Resp: 514

Ion Ratio Lower Upper

104 100

78 0.0 46.4 69.6#

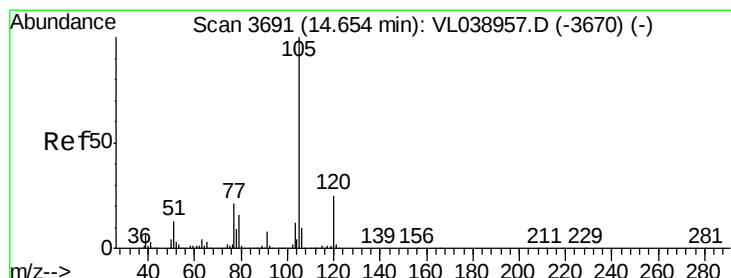
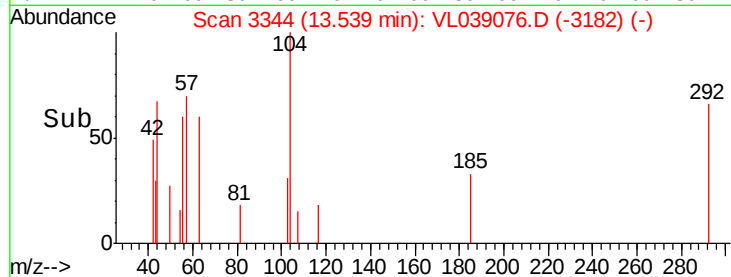
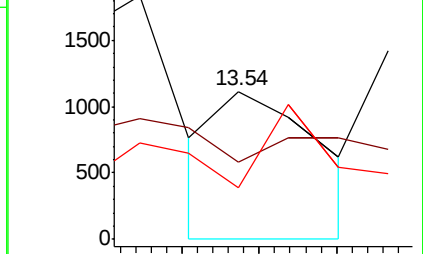
103 0.0 39.3 58.9#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.007 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.02 min

Lab File: VL039076.D

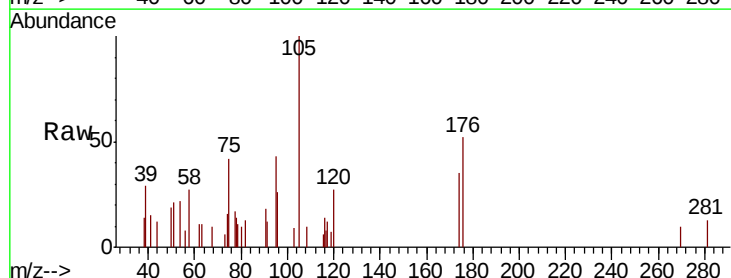
Acq: 17 May 2022 19:39

Tgt Ion:105 Resp: 2188

Ion Ratio Lower Upper

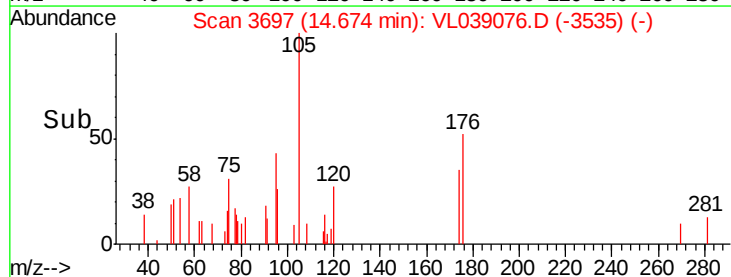
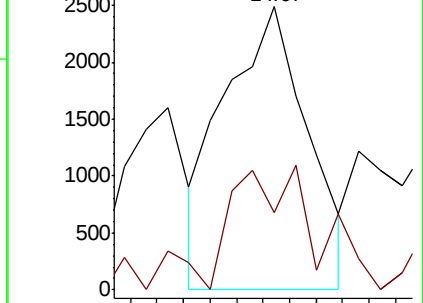
105 100

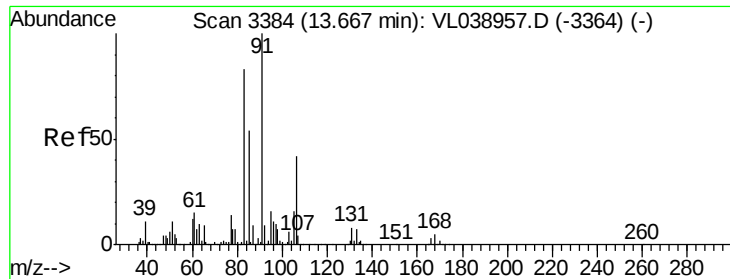
120 62.8 20.5 30.7#



Abundance Ion 105.10 (104.80 to 105.80): V

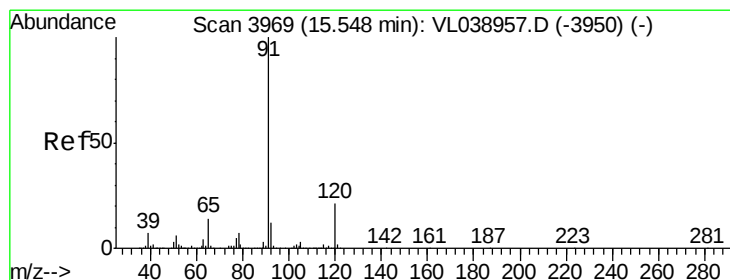
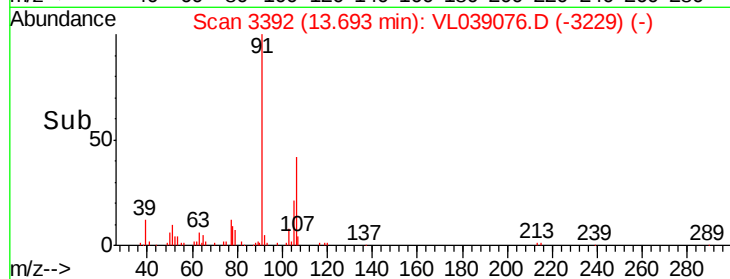
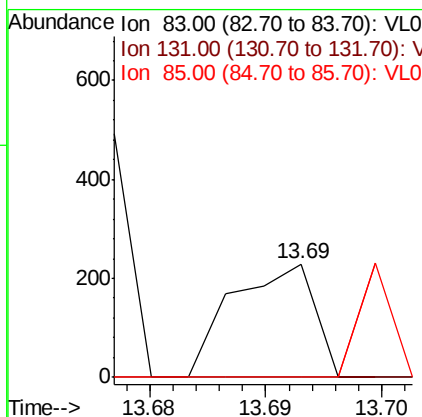
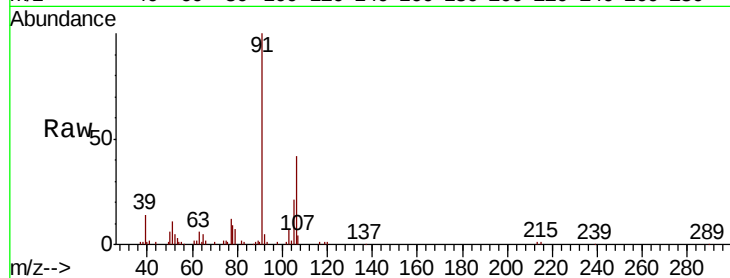
Ion 120.20 (119.90 to 120.90): V





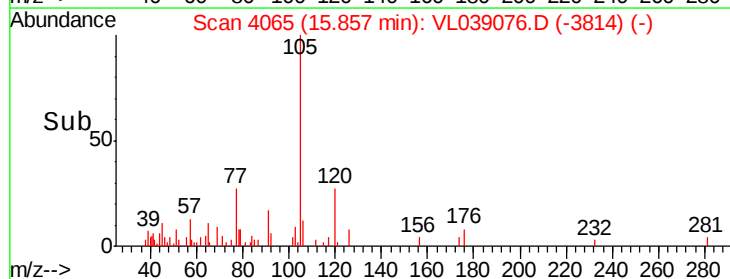
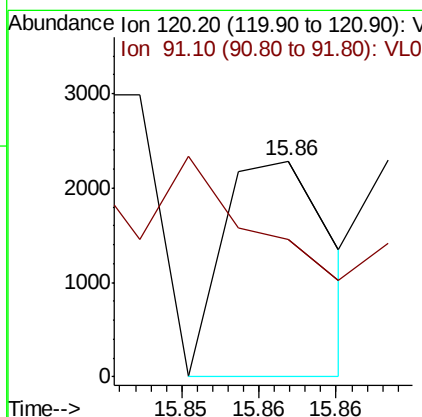
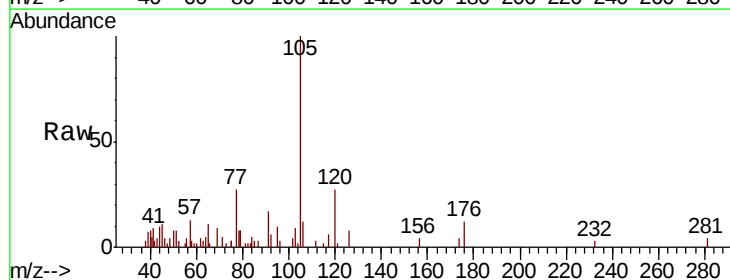
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.001 ppbv
 RT: 13.69 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled : 1161-8.01-A-2DL
 Acq: 17 May 2022 19:39

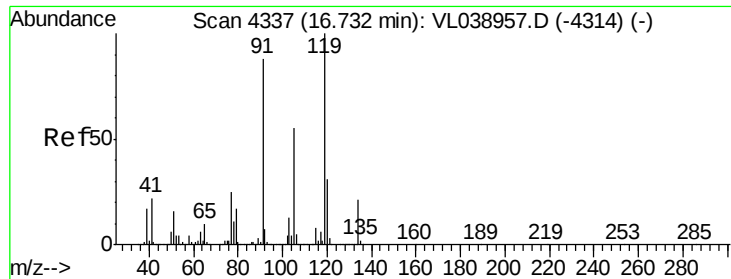
Tot Ion: 83 Resp: 112
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.5 13.7#
 85 170.5 32.8 98.3#



#64
 n-propylbenzene
 Concen: 0.016 ppbv
 RT: 15.86 min Scan# 4065
 Delta R.T. 0.31 min
 Lab File: VL039076.D
 Acq: 17 May 2022 19:39

Tgt Ion:120 Resp: 1121
 Ion Ratio Lower Upper
 120 100
 91 420.5 400.6 601.0





#65

tert-Butylbenzene

Concen: 0.007 ppbv

RT: 16.77 min

Delta R.T. MSVOA_L

Lab File: ClientSampled:

Acq: 17 May 2022 19:39

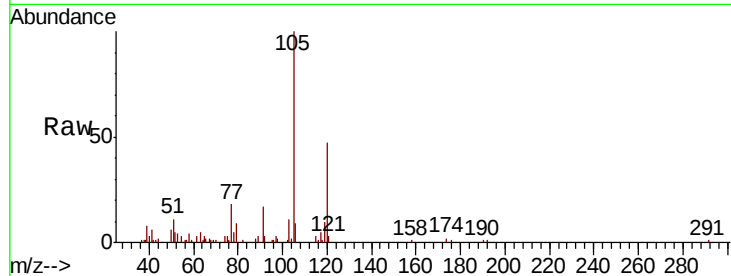
Tot Ion: 119 Resp: 1904

Ion Ratio Lower Upper

119 100

91 523.8 69.4 104.2#

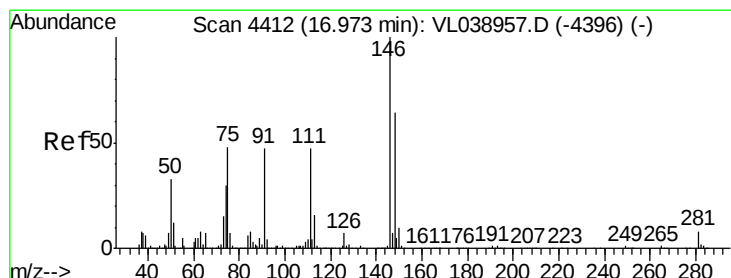
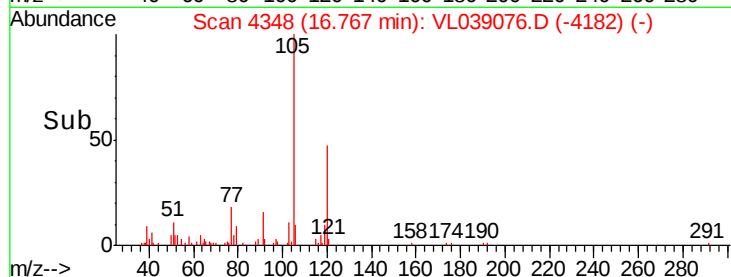
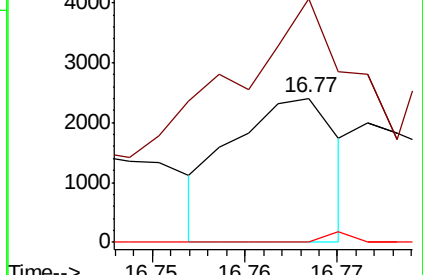
134 0.0 15.8 23.8#



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



#66

Benzyl Chloride

Concen: 0.007 ppbv

RT: 17.00 min Scan# 4419

Delta R.T. 0.02 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

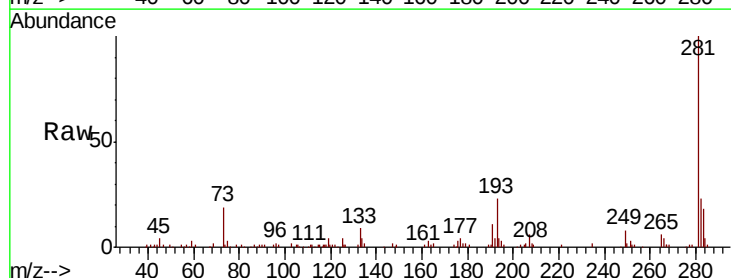
Tgt Ion: 91 Resp: 236

Ion Ratio Lower Upper

91 100

126 0.0 11.8 17.6#

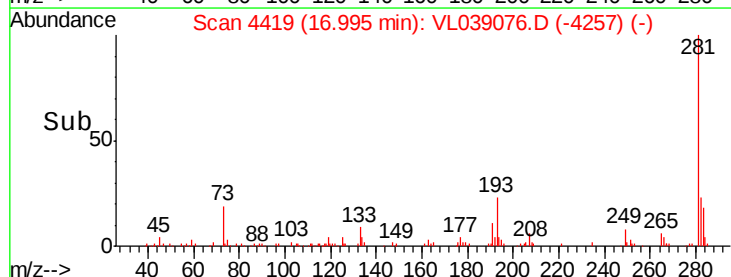
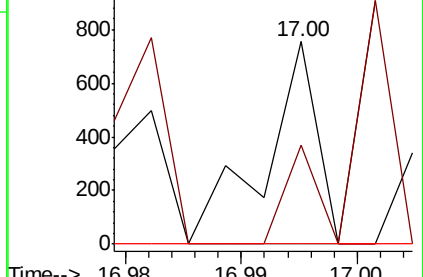
128 0.0 4.2 6.2#

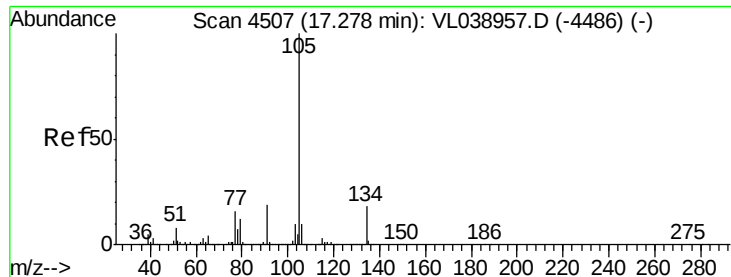


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 0.002 ppbv

RT: 17.57 min

Delta R.T. MSVOA_L

Lab File: ClientSampled :

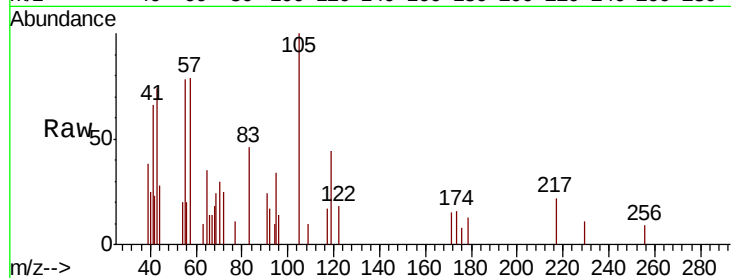
Acq: 17 May 2022 19:39

Tot Ion: 105 Resp: 612

Ion Ratio Lower Upper

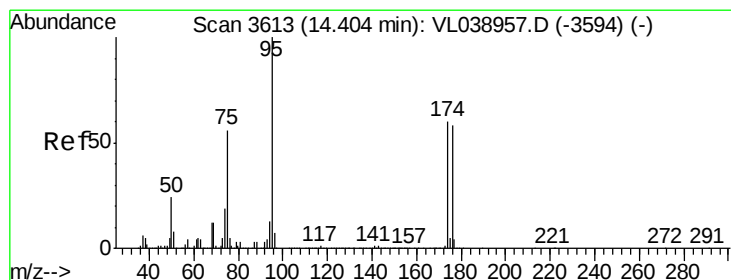
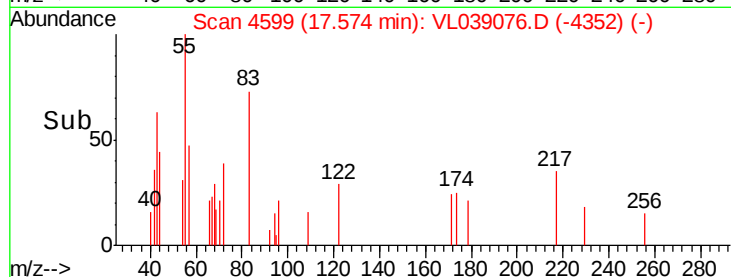
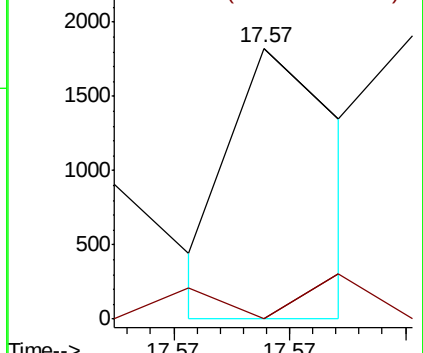
105 100

134 16.0 14.2 21.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.371 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.02 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

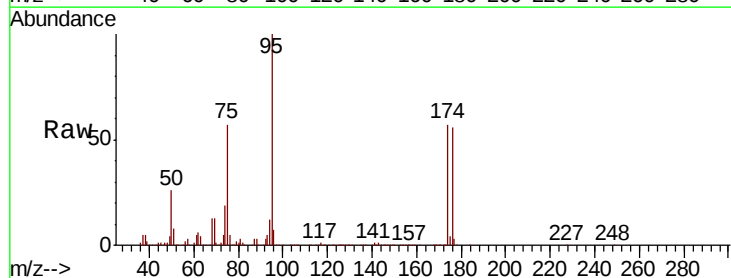
Tgt Ion: 95 Resp: 1427332

Ion Ratio Lower Upper

95 100

174 63.1 50.8 76.2

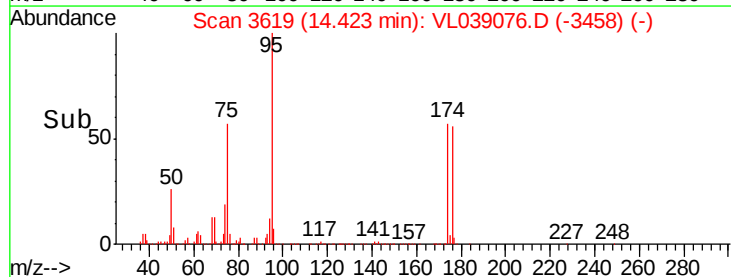
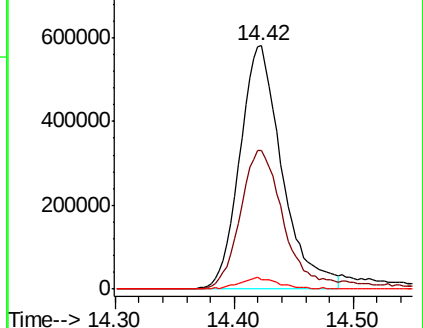
175 4.8 3.8 5.6

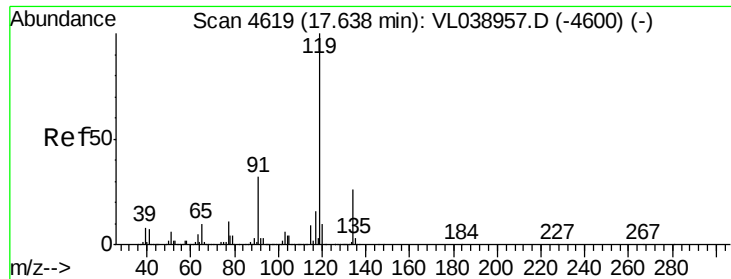


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

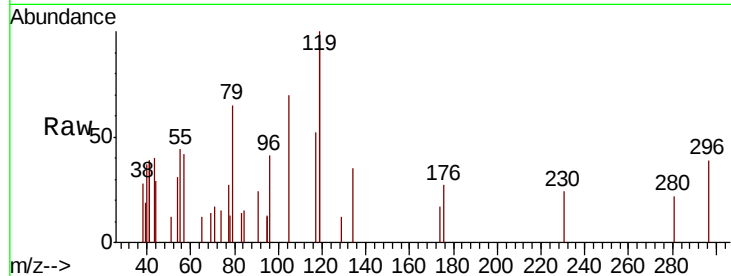
Ion 175.00 (174.70 to 175.70): V



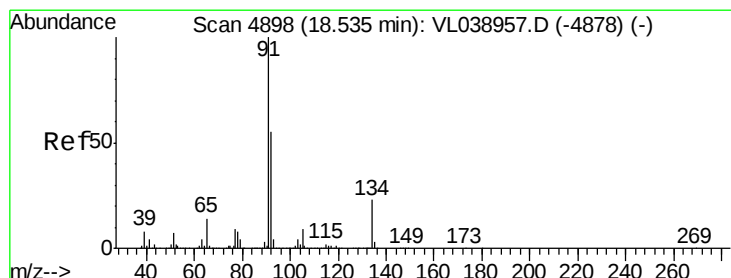
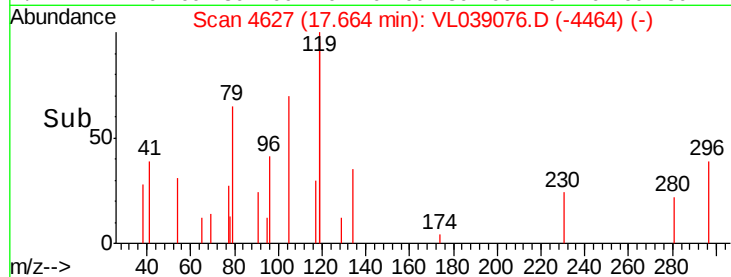
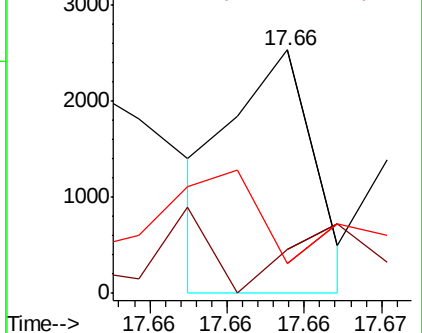


#69
 p-Isopropyltoluene
 Concen: 0.003 ppbv
 RT: 17.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled : 1161-8.01-A-2DL
 Acq: 17 May 2022 19:39

Tot Ion: 119 Resp: 941
 Ion Ratio Lower Upper
 119 100
 134 91.8 20.0 30.0#
 91 182.7 24.8 37.2#

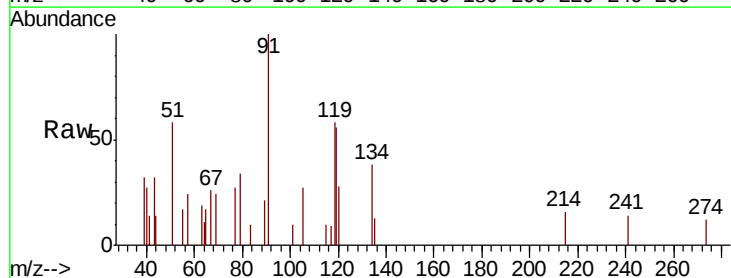


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

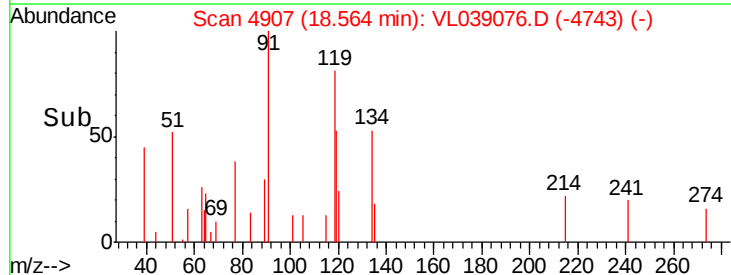
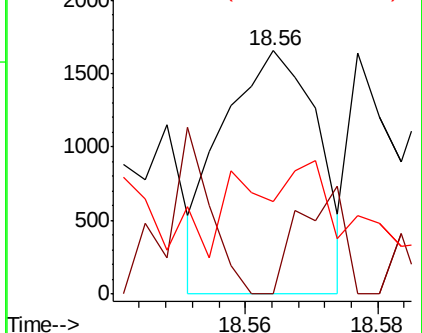


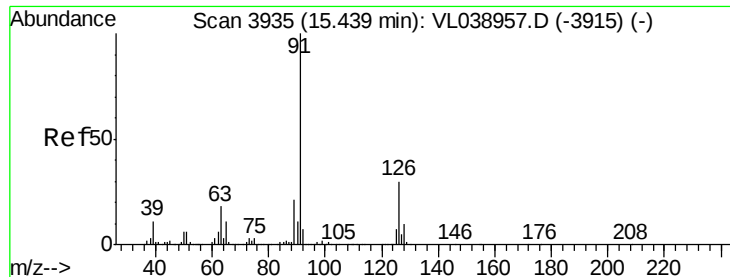
#70
 n-Butylbenzene
 Concen: 0.005 ppbv
 RT: 18.56 min Scan# 4907
 Delta R.T. 0.03 min
 Lab File: VL039076.D
 Acq: 17 May 2022 19:39

Tgt Ion: 91 Resp: 1659
 Ion Ratio Lower Upper
 91 100
 92 0.0 43.1 64.7#
 134 0.0 17.0 25.4#



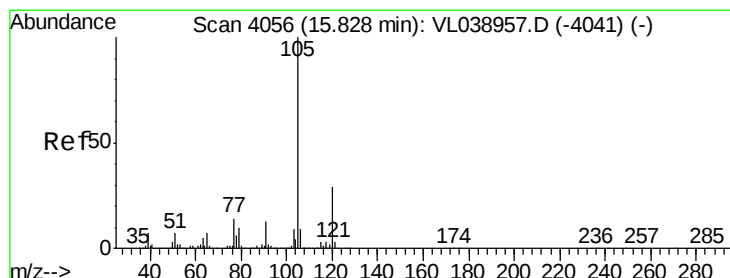
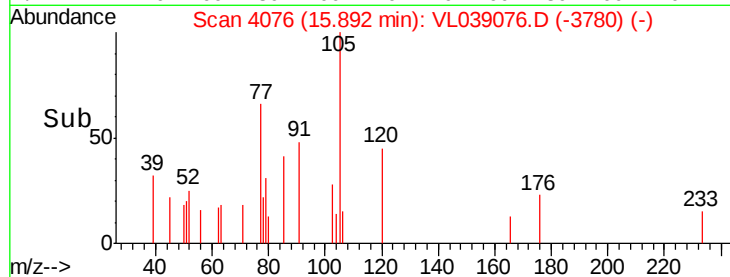
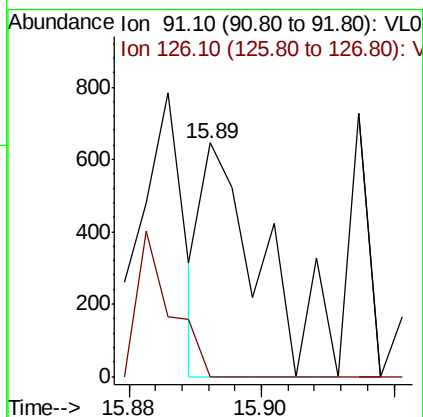
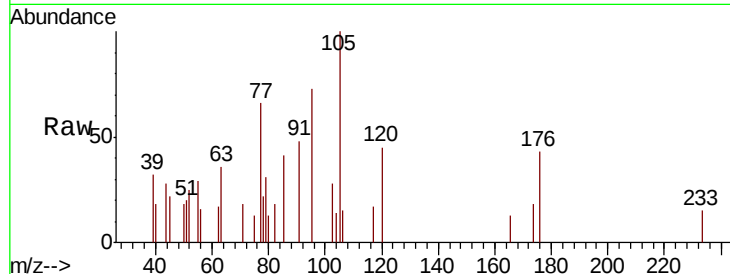
Abundance Ion 91.10 (90.80 to 91.80): V
 Ion 92.10 (91.80 to 92.80): V
 Ion 134.20 (133.90 to 134.90): V





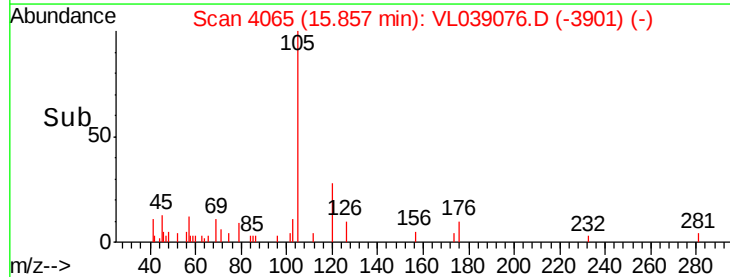
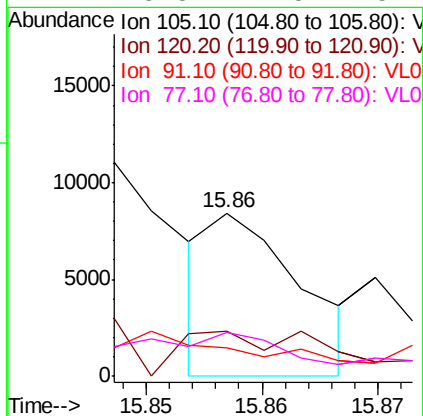
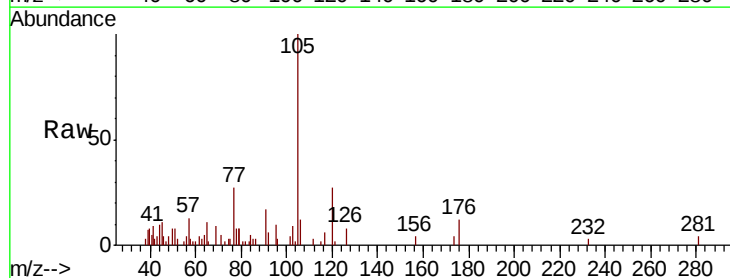
#71
 2-Chlorotoluene
 Concen: 0.002 ppbv
 RT: 15.89
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled:
 1161-8.01-1A-2DL
 Acq: 17 May 2022 19:39

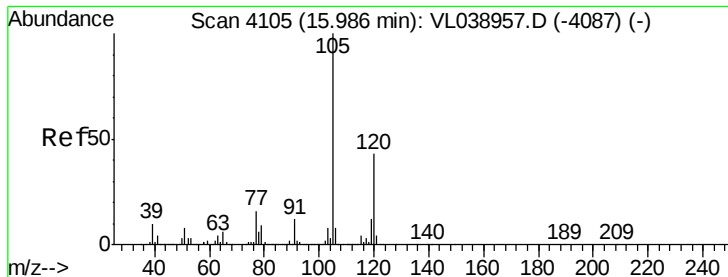
Tot Ion: 91 Resp: 413
 Ion Ratio Lower Upper
 91 100
 126 33.9 11.9 47.5



#72
 4-Ethyltoluene
 Concen: 0.020 ppbv
 RT: 15.86 min Scan# 4065
 Delta R.T. 0.03 min
 Lab File: VL039076.D
 Acq: 17 May 2022 19:39

Tgt Ion:105 Resp: 4558
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.4 35.0#
 91 0.0 10.6 16.0#
 77 125.8 12.5 18.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.020 ppbv

RT: 16.01 min

Delta R.T. MSVOA_L

Lab File: ClientSampled:

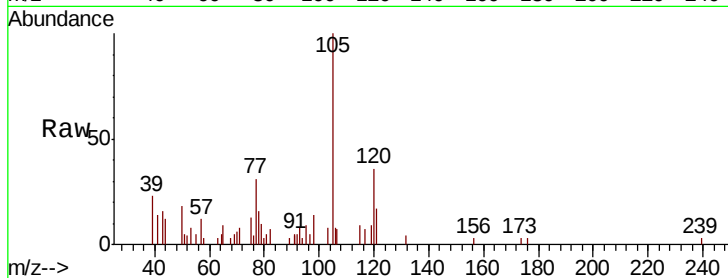
Acq: 17 May 2022 19:39

Tot Ion:105 Resp: 4110

Ion Ratio Lower Upper

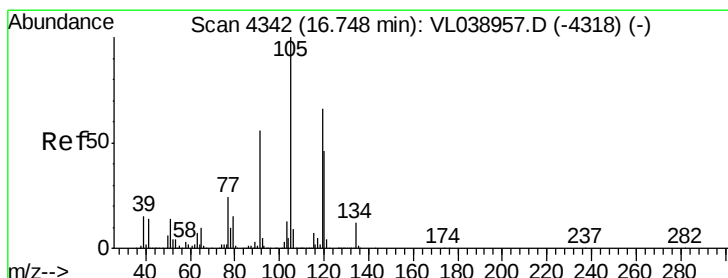
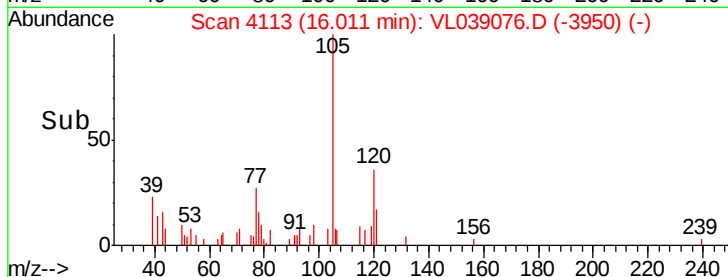
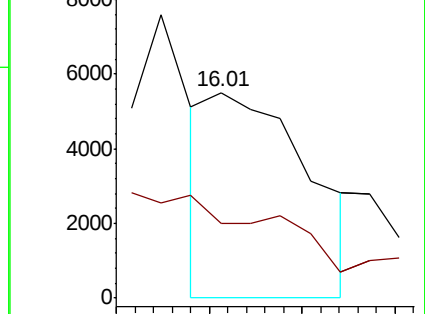
105 100

120 82.2 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: 0.121 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. 0.02 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

Tgt Ion:105 Resp: 27267

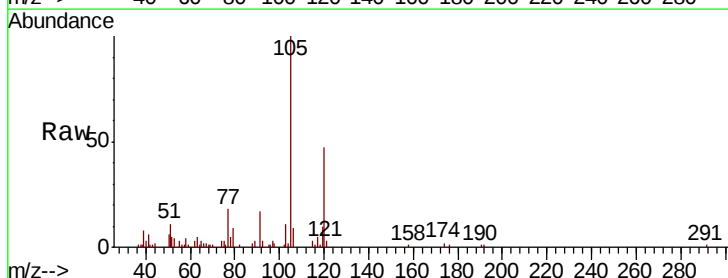
Ion Ratio Lower Upper

105 100

120 56.3 36.9 55.3#

91 18.1 45.0 67.4#

77 17.6 19.2 28.8#

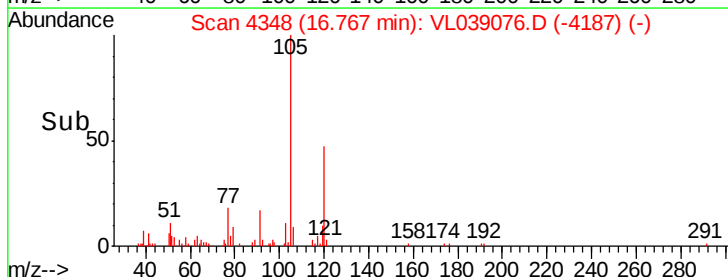
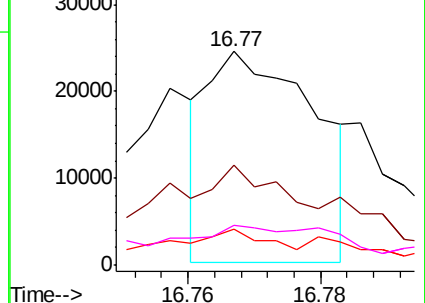


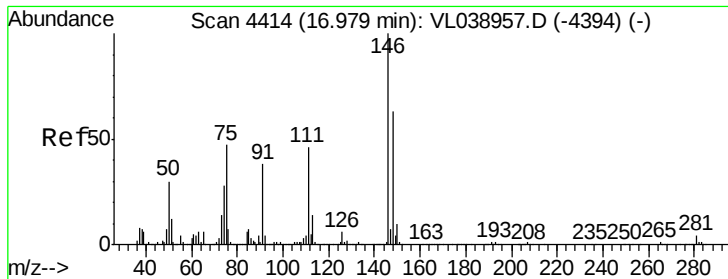
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

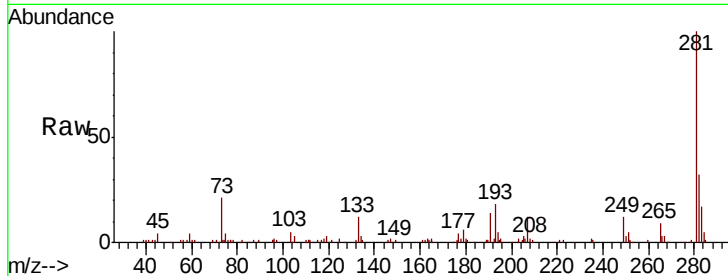
Ion 77.10 (76.80 to 77.80): VL0



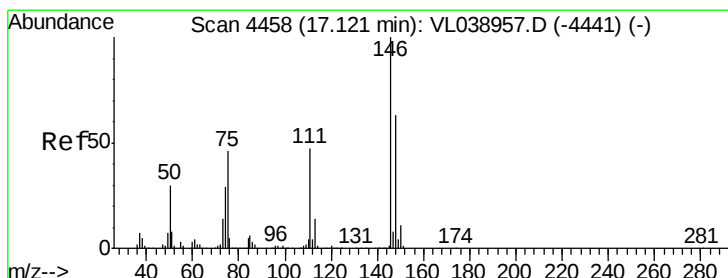
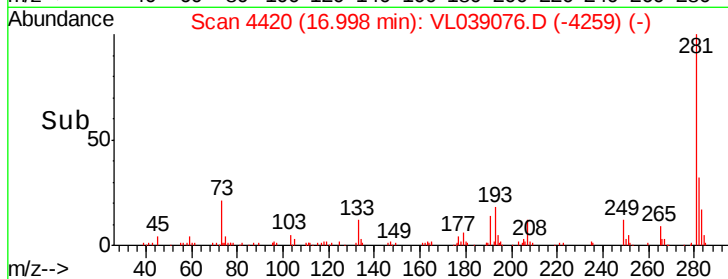
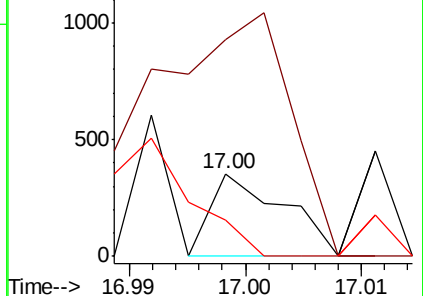


#75
 1,3-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled:
 1161-8.01-A-2DL
 Acq: 17 May 2022 19:39

Tot Ion:146 Resp: 154
 Ion Ratio Lower Upper
 146 100
 111 1078.6 24.1 72.2#
 148 0.0 32.4 97.2#

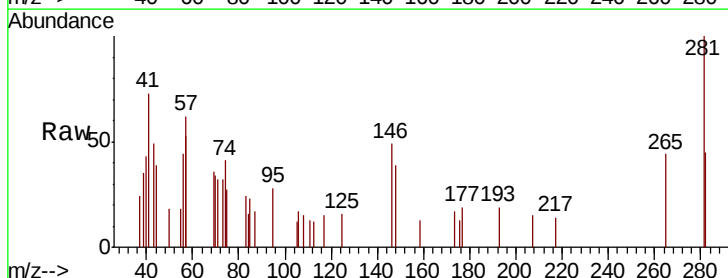


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

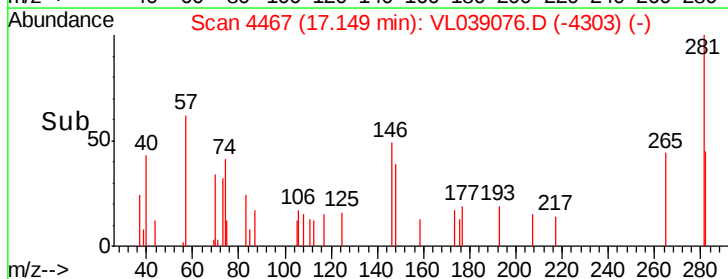
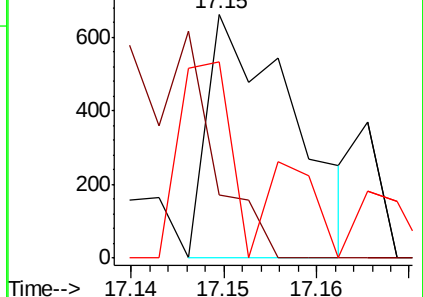


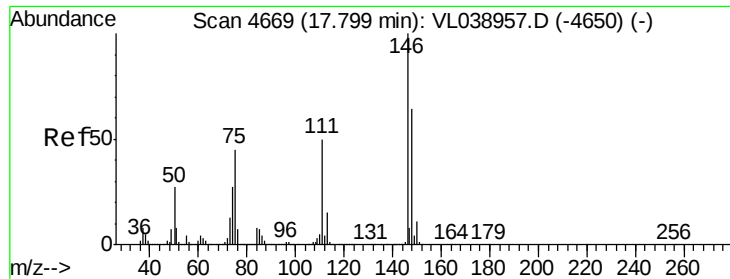
#76
 1,4-Dichlorobenzene
 Concen: 0.003 ppbv
 RT: 17.15 min Scan# 4467
 Delta R.T. 0.03 min
 Lab File: VL039076.D
 Acq: 17 May 2022 19:39

Tgt Ion:146 Resp: 425
 Ion Ratio Lower Upper
 146 100
 111 0.0 23.6 71.0#
 148 146.8 32.2 96.6#



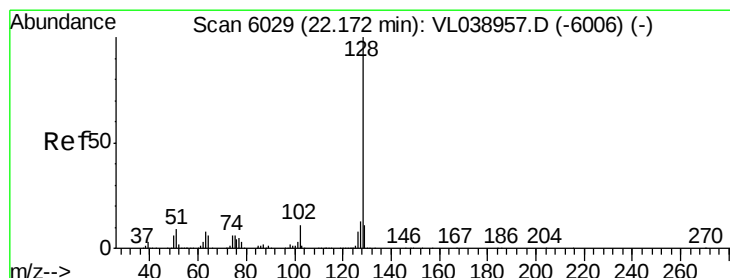
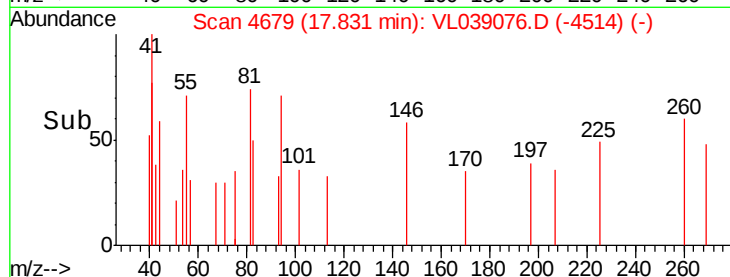
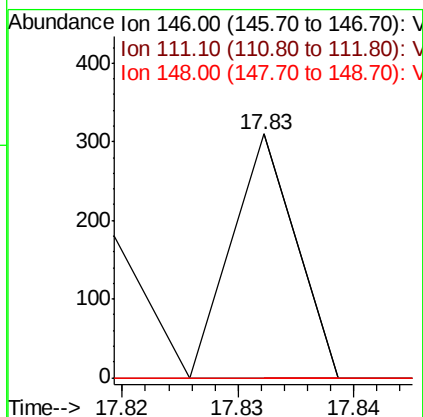
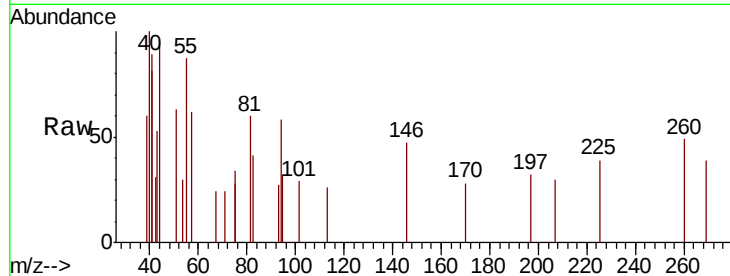
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V





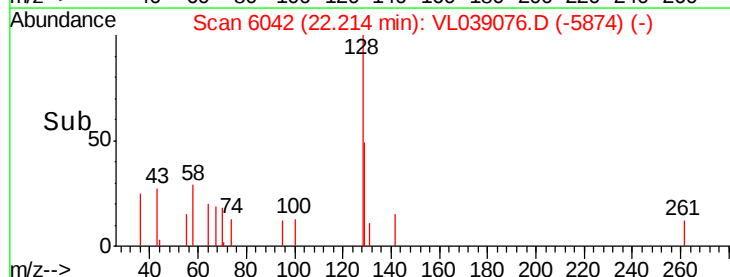
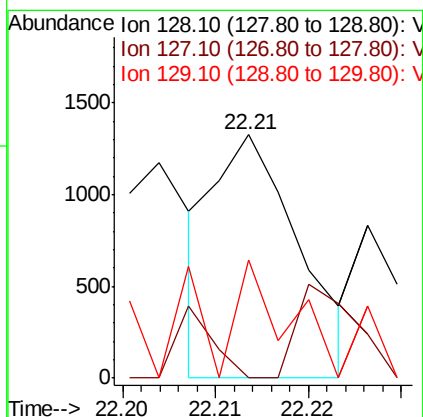
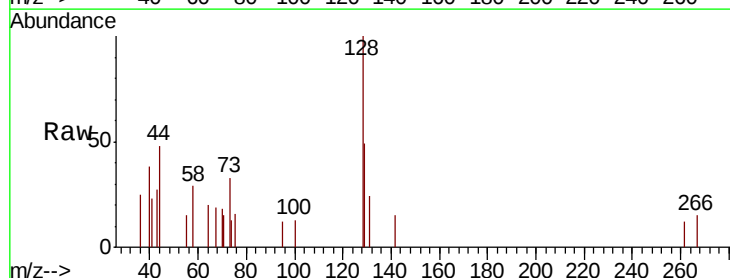
#77
 1,2-Dichlorobenzene
 Concen: 0.000 ppbv
 RT: 17.83 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 1161-8.01-1A-2DL
 Acq: 17 May 2022 19:39

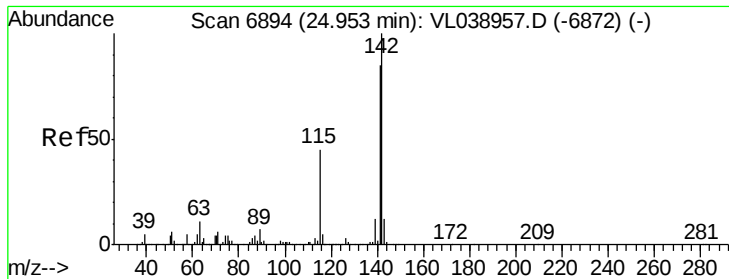
Tot Ion:146 Resp: 60
 Ion Ratio Lower Upper
 146 100
 111 2196.7 25.3 75.9#
 148 63.3 32.3 96.9



#79
 Naphthalene
 Concen: 0.005 ppbv
 RT: 22.21 min Scan# 6042
 Delta R.T. 0.04 min
 Lab File: VL039076.D
 Acq: 17 May 2022 19:39

Tgt Ion:128 Resp: 849
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.2#
 129 69.1 8.9 13.3#





#80

Naphthalene, 2-methyl-

Concen: 0.001 ppbv

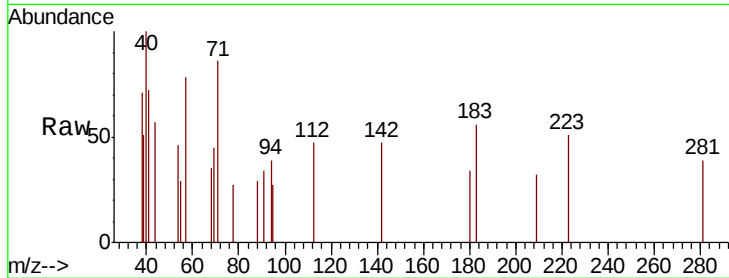
RT: 24.92 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 May 2022 19:39

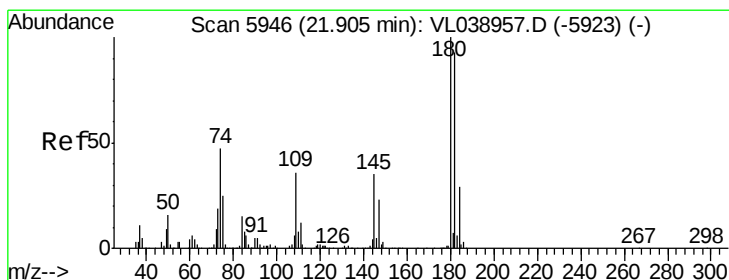
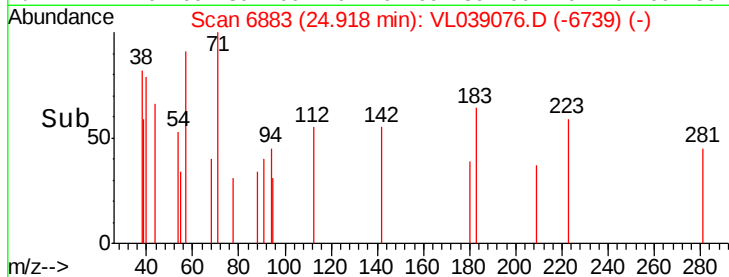
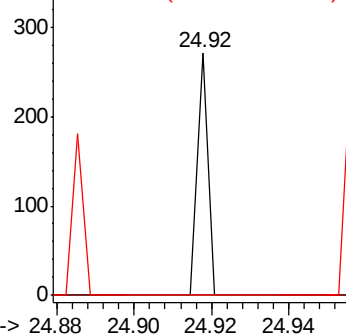
Tot Ion	Ratio	Lower	Upper
142	100		
141	0.0	70.8	106.2#
115	163.5	35.1	52.7#



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

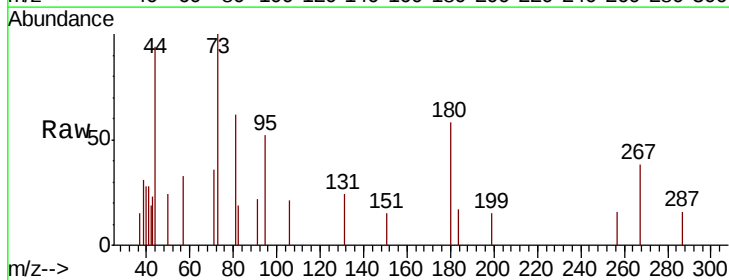
RT: 21.92 min Scan# 5952

Delta R.T. 0.02 min

Lab File: VL039076.D

Acq: 17 May 2022 19:39

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



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

