

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
 Data File : VL038418.D
 Acq On : 23 Feb 2022 21:47
 Operator : SY/AP
 Sample : N1605-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BG-GCDL

Quant Time: Feb 24 07:30:58 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	869603	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	2283302	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	1937457	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1470066	9.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.70%

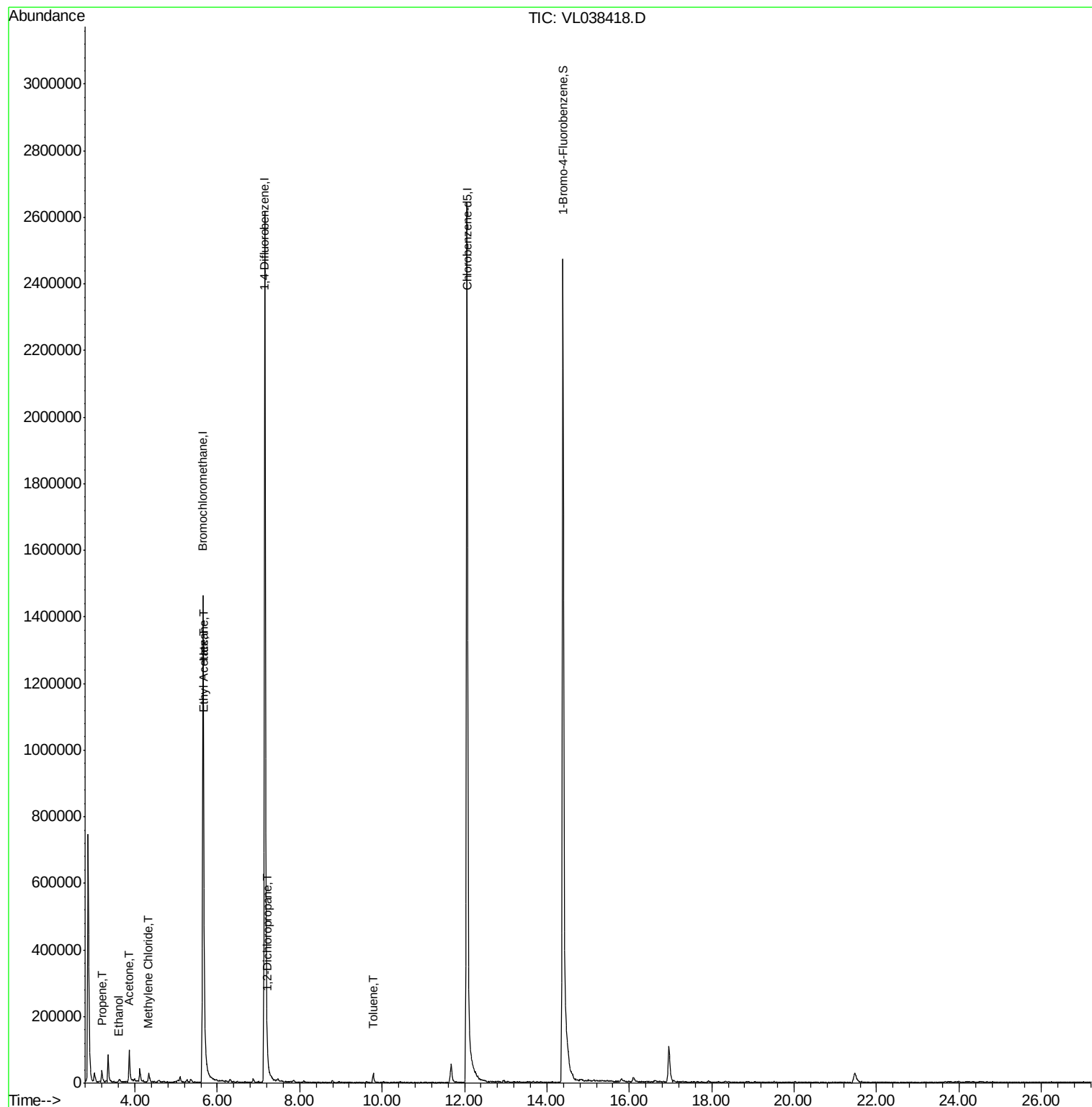
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.20	41	13208	0.26	ppbv	95
13) Ethanol	3.59	45	278	0.05	ppbv #	31
15) Acetone	3.86	43	61255	0.83	ppbv #	88
20) Methylene Chloride	4.33	84	4966	0.14	ppbv	94
25) Ethyl Acetate	5.67	43	24108	0.12	ppbv #	78
26) Hexane	5.67	57	35556	0.40	ppbv #	43
39) 1,2-Dichloropropane	7.22	63	5589	0.07	ppbv #	35
53) Toluene	9.78	91	6600	0.03	ppbv #	1

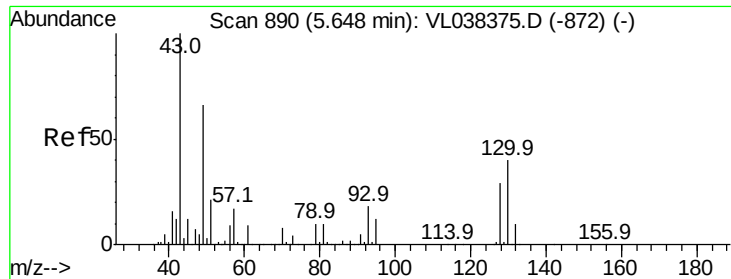
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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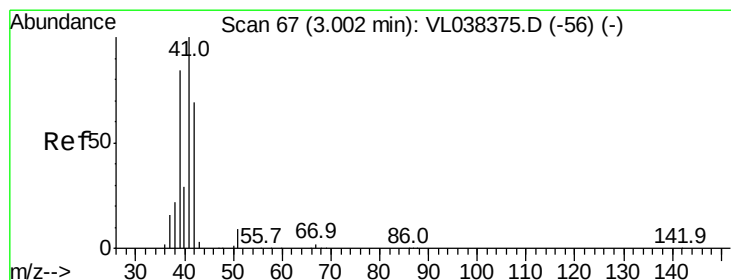
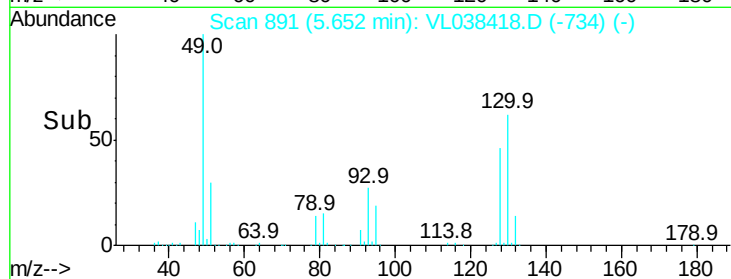
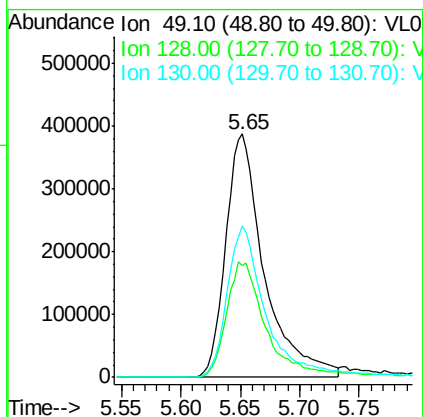
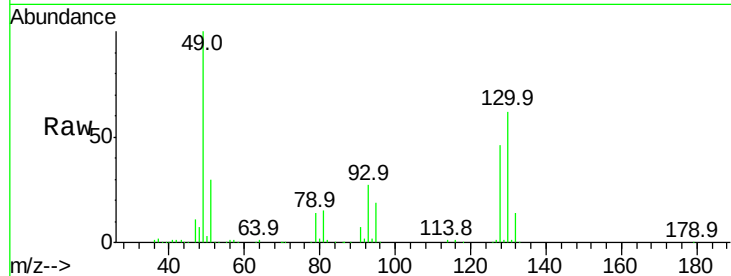
Quant Time: Feb 24 07:30:58 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
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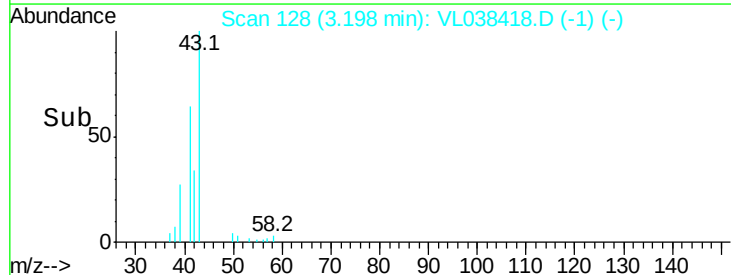
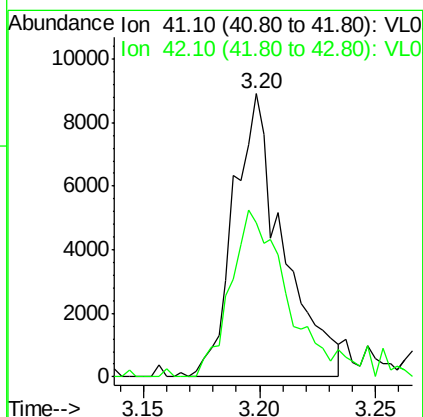
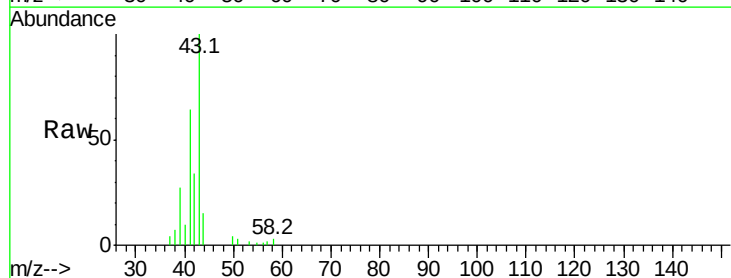
#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.65
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 BG-GCDL
 Acq: 23 Feb 2022 21:47

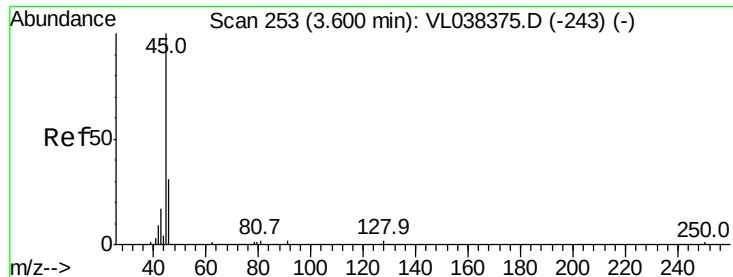
Tgt Ion: 49 Resp: 869603
 Ion Ratio Lower Upper
 49 100
 128 51.2 24.3 72.9
 130 65.1 30.1 90.5



#9
 Propene
 Concen: 0.26 ppbv
 RT: 3.20 min Scan# 128
 Delta R.T. 0.20 min
 Lab File: VL038418.D
 Acq: 23 Feb 2022 21:47

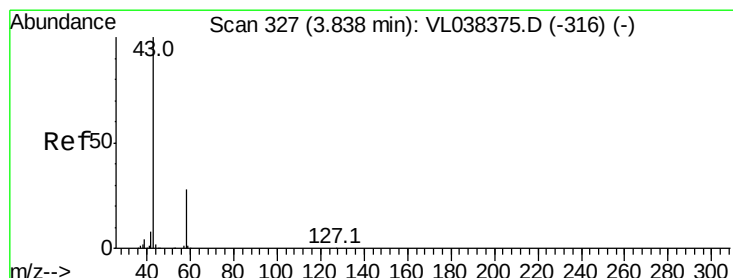
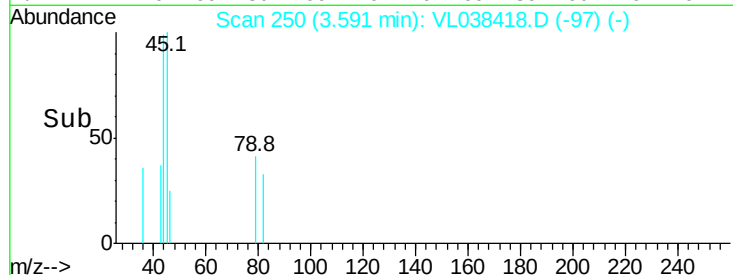
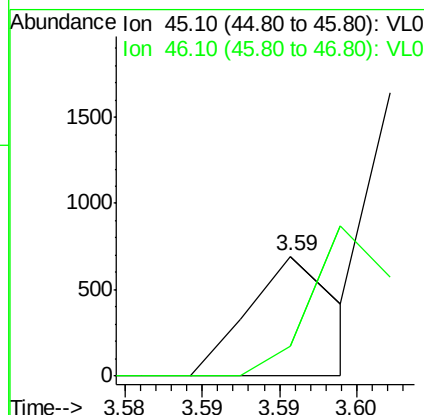
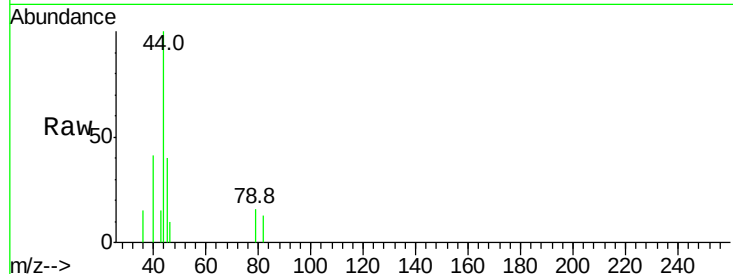
Tgt Ion: 41 Resp: 13208
 Ion Ratio Lower Upper
 41 100
 42 72.7 54.6 82.0





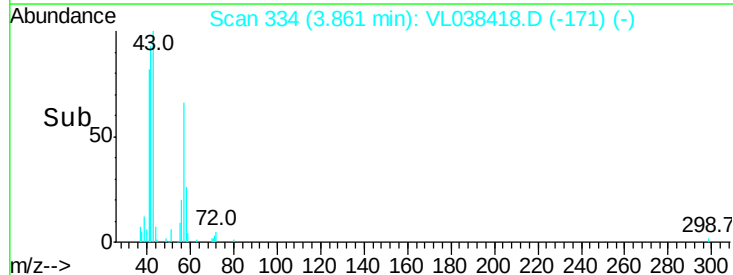
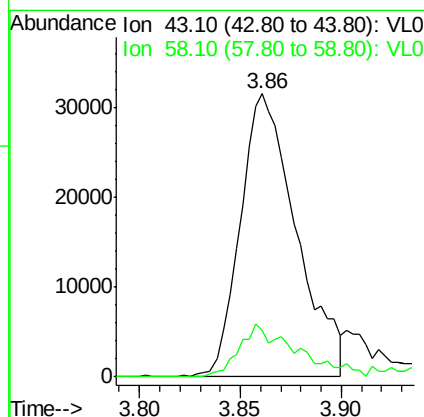
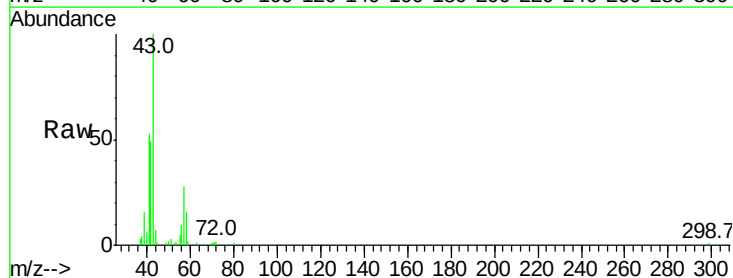
#13
Ethanol
Concen: 0.05 ppbv
RT: 3.59
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Feb 2022 21:47

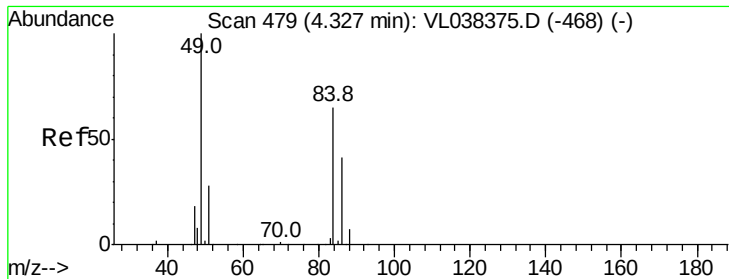
Tgt Ion	Ratio	Lower	Upper
45	100		
46	0.0	18.2	72.8#



#15
Acetone
Concen: 0.83 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.02 min
Lab File: VL038418.D
Acq: 23 Feb 2022 21:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	20.8	21.7	32.5#





#20

Methylene Chloride

Concen: 0.14 ppbv

RT: 4.33 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 23 Feb 2022 21:47

Tgt Ion: 84 Resp: 4966

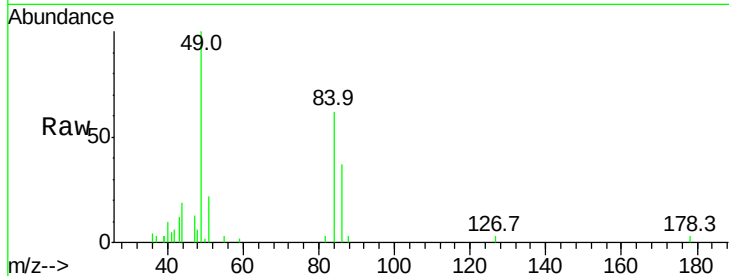
Ion Ratio Lower Upper

84 100

49 159.3 122.4 183.6

51 35.3 33.3 49.9

86 60.1 50.7 76.1

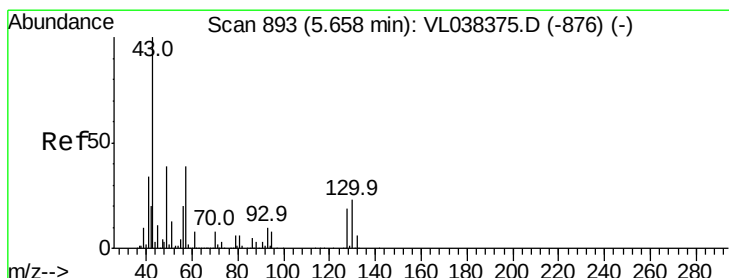
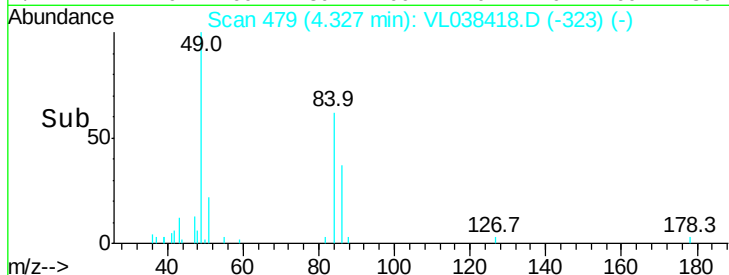
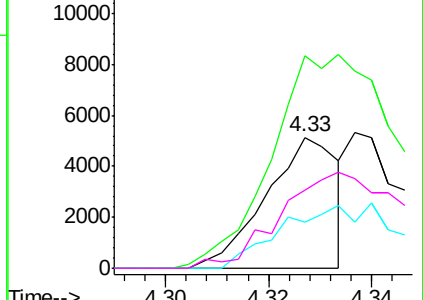


Abundance Ion 84.00 (83.70 to 84.70): VL0

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



#25

Ethyl Acetate

Concen: 0.12 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.02 min

Lab File: VL038418.D

Acq: 23 Feb 2022 21:47

Tgt Ion: 43 Resp: 24108

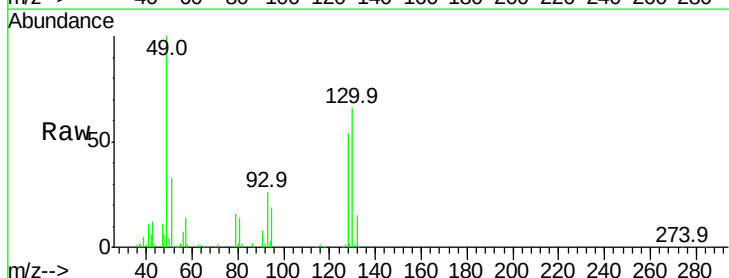
Ion Ratio Lower Upper

43 100

45 2.1 7.8 11.6#

61 0.0 7.5 11.3#

70 0.5 5.4 8.0#

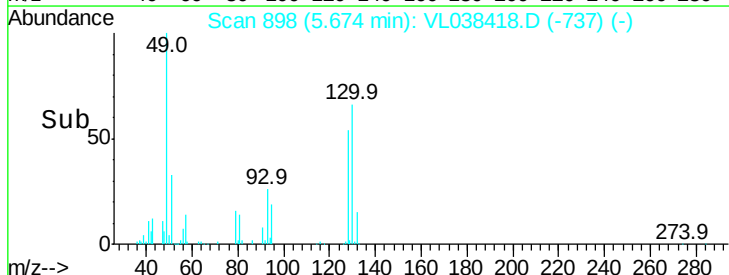
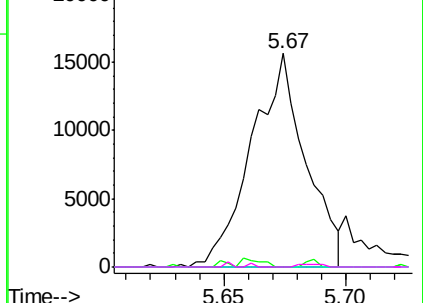


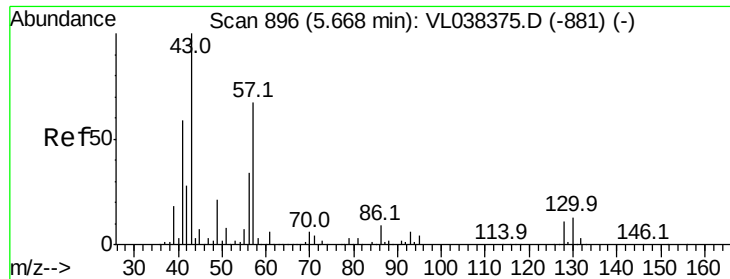
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 0.40 ppbv

RT: 5.67 Instrument:

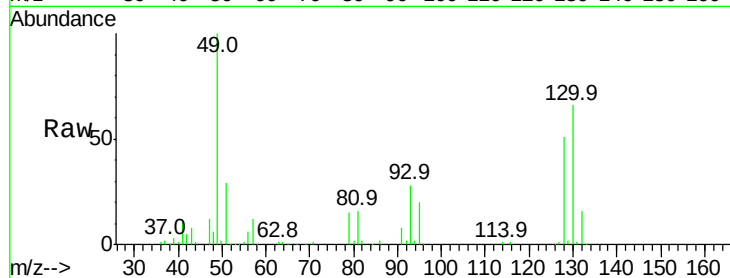
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Feb 2022 21:47 BG-GCDL

Tgt Ion: 57 Resp: 35556

Ion	Ratio	Lower	Upper
57	100		
41	96.8	73.1	109.7
43	77.5	181.0	271.4#
56	56.9	43.4	65.0

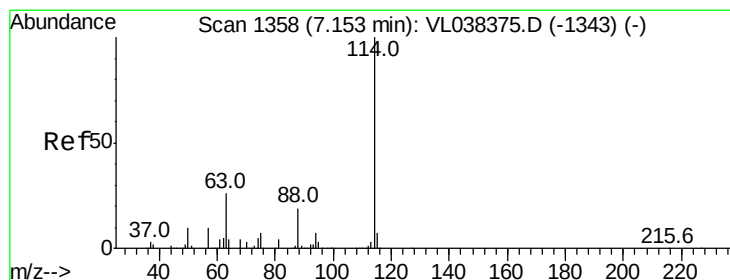
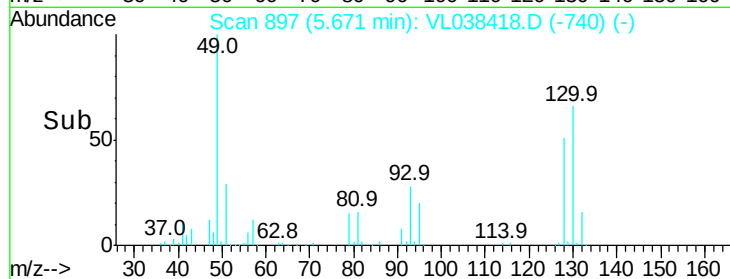
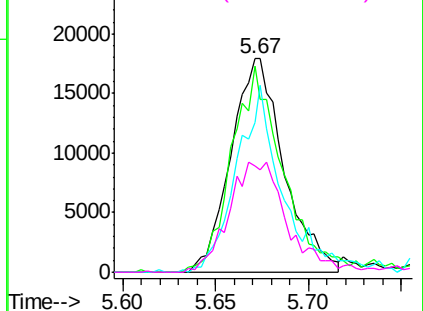


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.15 min Scan# 1358

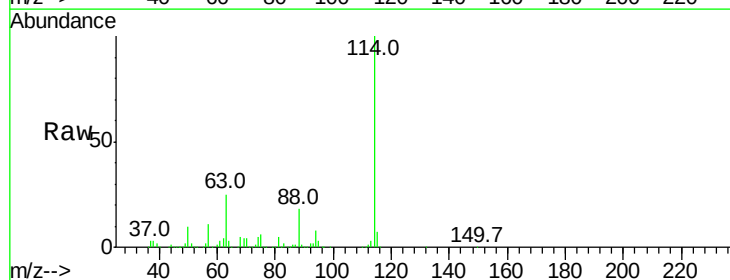
Delta R.T. 0.00 min

Lab File: VL038418.D

Acq: 23 Feb 2022 21:47

Tgt Ion: 114 Resp: 2283302

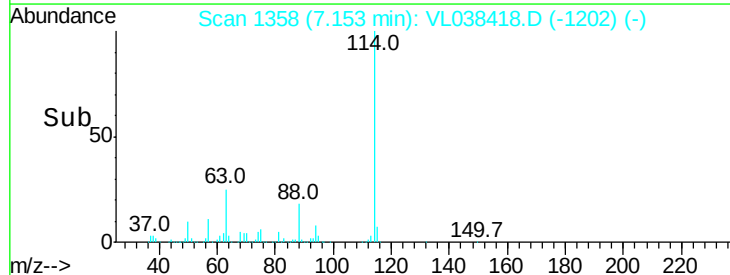
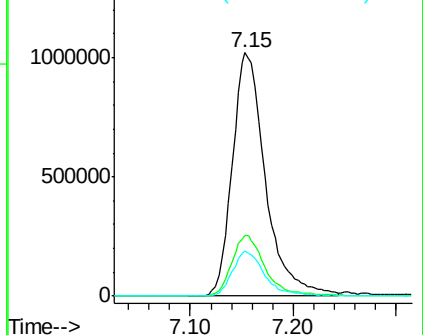
Ion	Ratio	Lower	Upper
114	100		
63	25.6	22.2	33.2
88	18.4	15.2	22.8

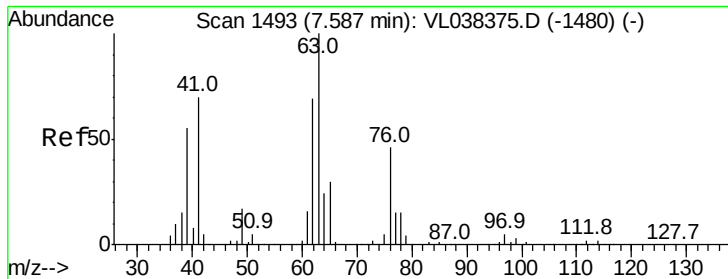


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

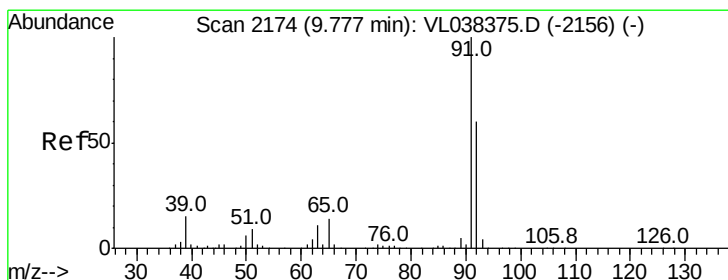
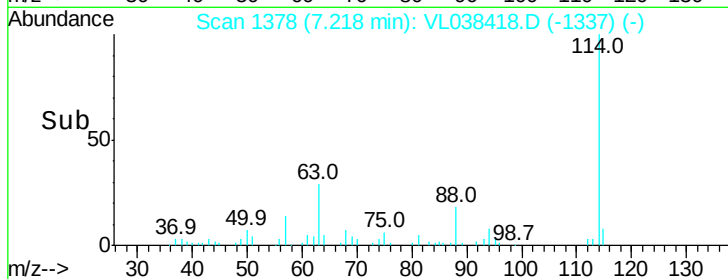
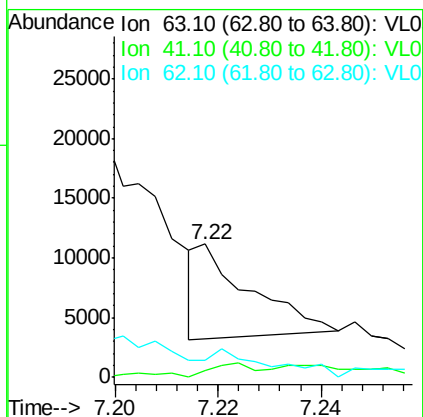
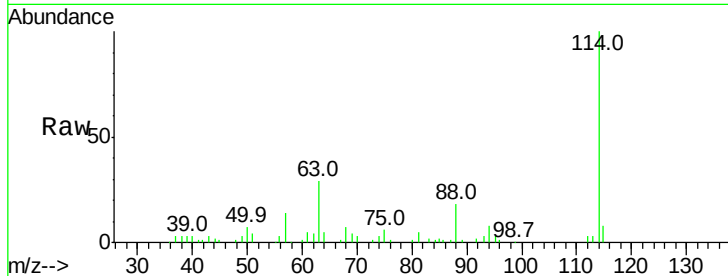
Ion 88.10 (87.80 to 88.80): VL0





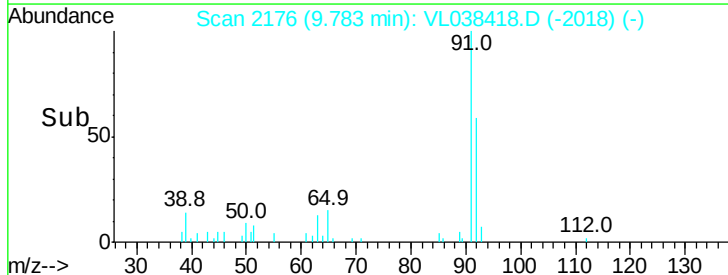
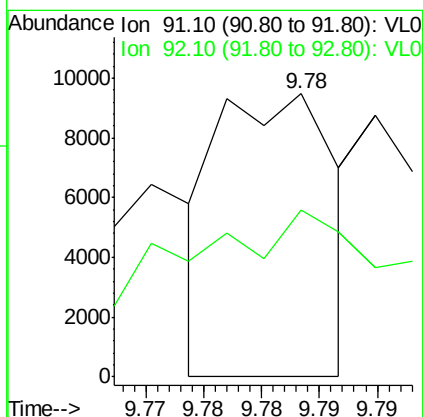
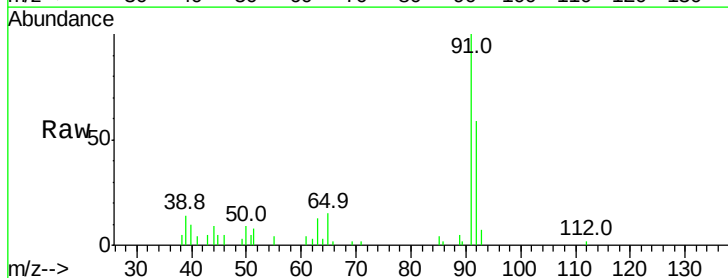
#39
 1,2-Dichloropropane
 Concen: 0.07 ppbv
 RT: 7.22
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 21:47

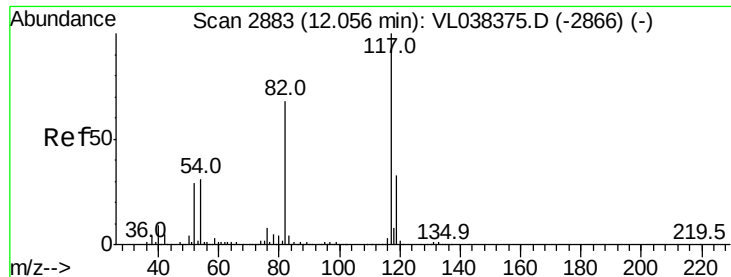
Tgt Ion: 63 Resp: 5589
 Ion Ratio Lower Upper
 63 100
 41 13.2 56.1 84.1#
 62 20.1 55.5 83.3#



#53
 Toluene
 Concen: 0.03 ppbv
 RT: 9.78 min Scan# 2176
 Delta R.T. 0.01 min
 Lab File: VL038418.D
 Acq: 23 Feb 2022 21:47

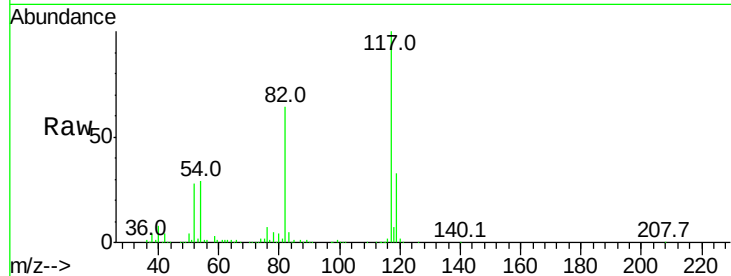
Tgt Ion: 91 Resp: 6600
 Ion Ratio Lower Upper
 91 100
 92 172.9 48.2 72.4#



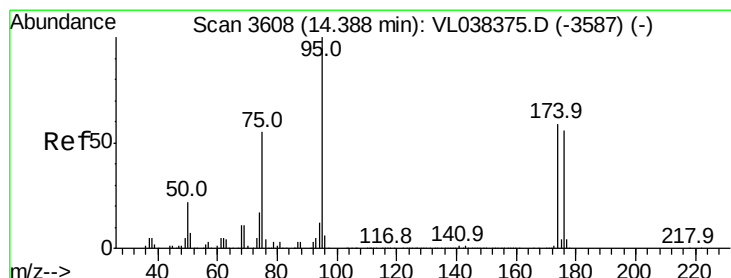
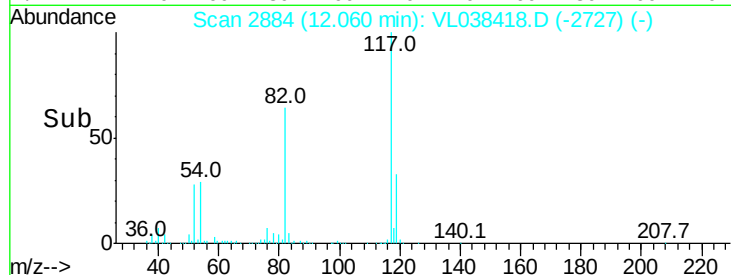
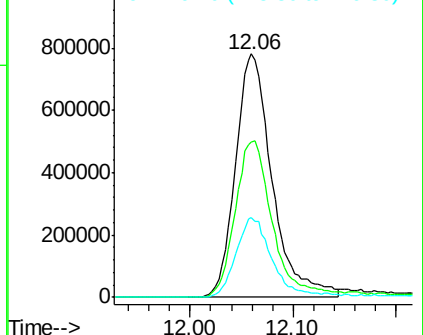


#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.06 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 BG-GCDL
 Acq: 23 Feb 2022 21:47

Tgt Ion: 117 Resp: 1937457
 Ion Ratio Lower Upper
 117 100
 82 70.1 54.9 82.3
 119 34.1 46.1 69.1#

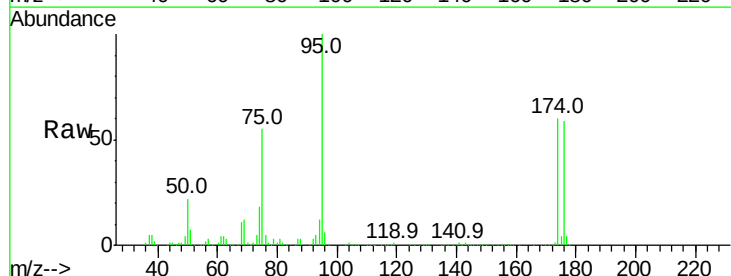


Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): V
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.17 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T.: 0.00 min
 Lab File: VL038418.D
 Acq: 23 Feb 2022 21:47

Tgt Ion: 95 Resp: 1470066
 Ion Ratio Lower Upper
 95 100
 174 64.6 49.0 73.4
 175 4.2 3.6 5.4



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

