

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038583.D
 Acq On : 9 Mar 2022 19:40
 Operator : SY/AP
 Sample : N1702-05DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL2

Quant Time: Mar 10 00:34:58 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	839418	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2085006	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1790955	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1322510	9.71	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.10%

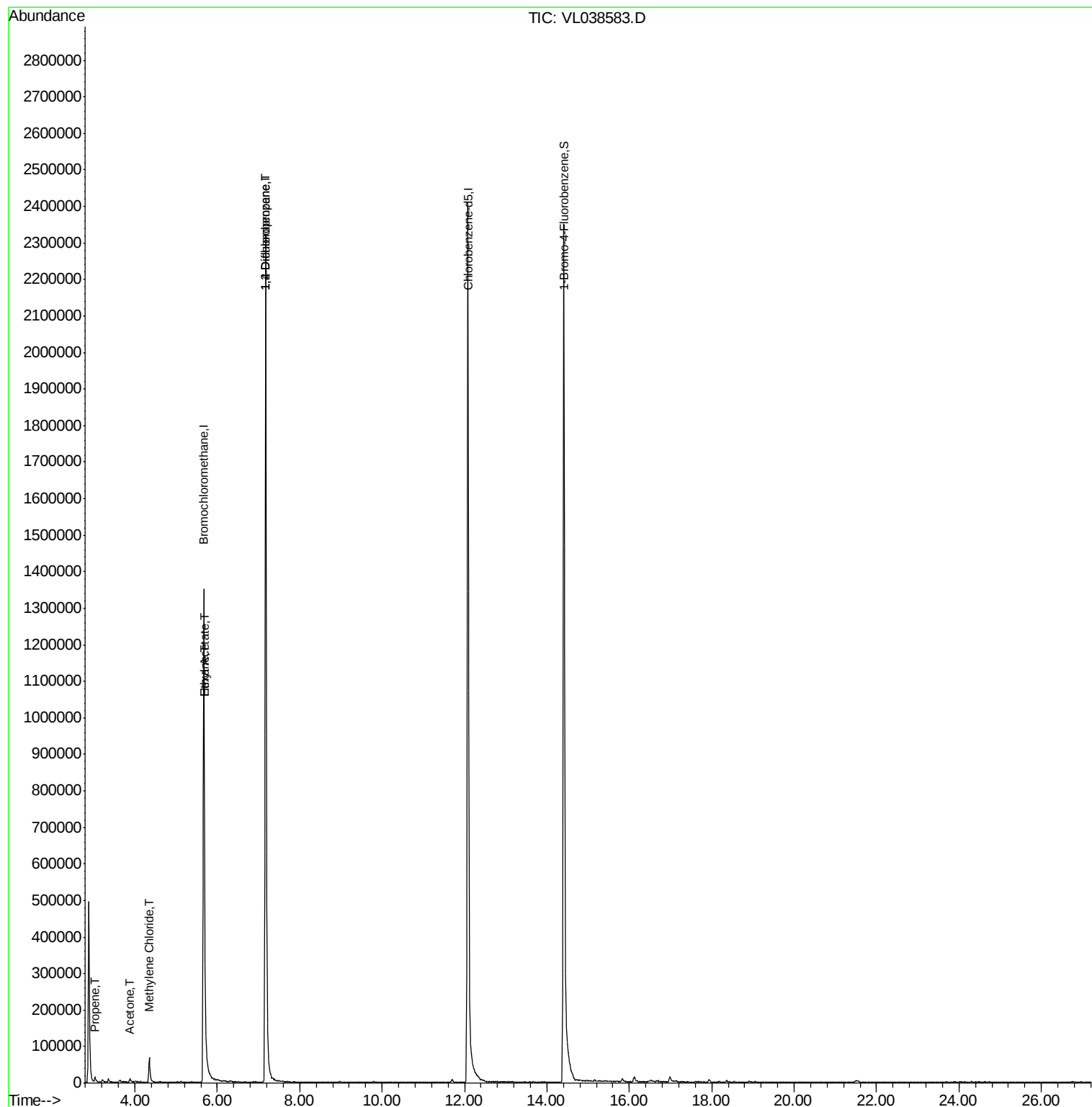
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	1955	0.04	ppbv #	1
15) Acetone	3.88	43	7263	0.12	ppbv #	70
20) Methylene Chloride	4.35	84	29044	0.82	ppbv	96
25) Ethyl Acetate	5.69	43	19331	0.10	ppbv #	76
26) Hexane	5.69	57	25260	0.27	ppbv #	41
39) 1,2-Dichloropropane	7.17	63	492957	6.81	ppbv #	27

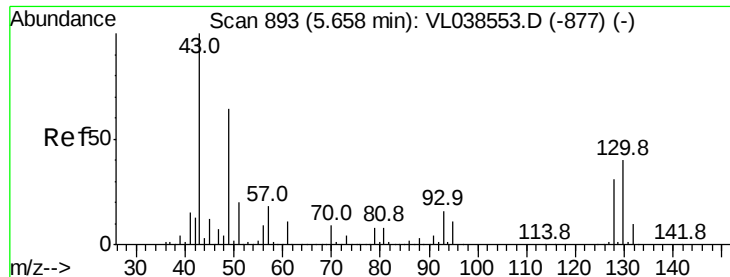
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

AA-1DL2

Acq: 9 Mar 2022 19:40

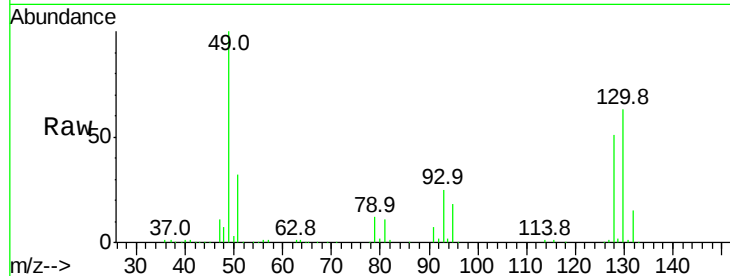
Tgt Ion: 49 Resp: 839418

Ion Ratio Lower Upper

49 100

128 50.9 26.4 79.2

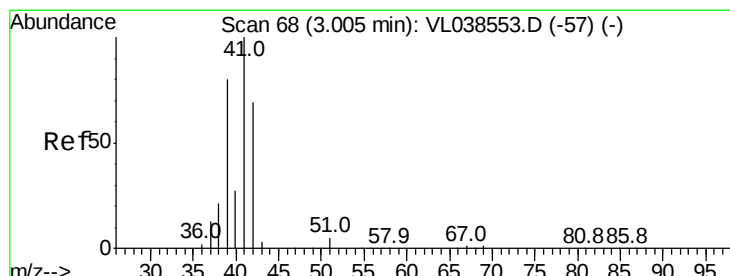
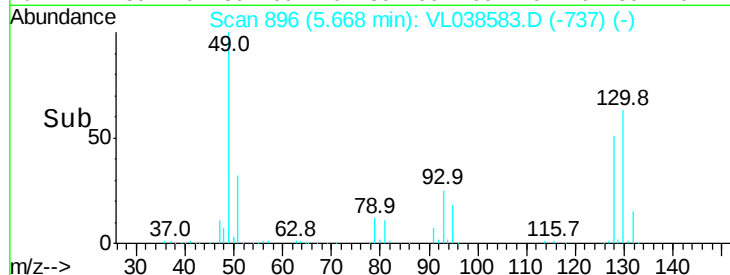
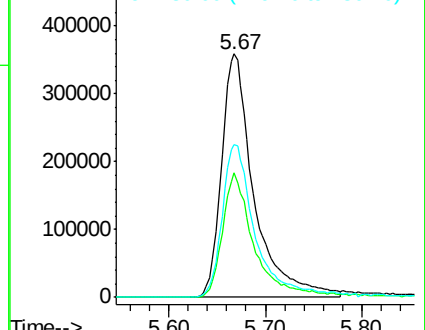
130 66.1 33.0 98.9



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



#9

Propene

Concen: 0.04 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL038583.D

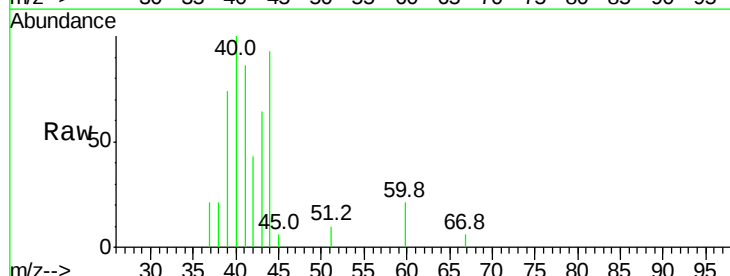
Acq: 9 Mar 2022 19:40

Tgt Ion: 41 Resp: 1955

Ion Ratio Lower Upper

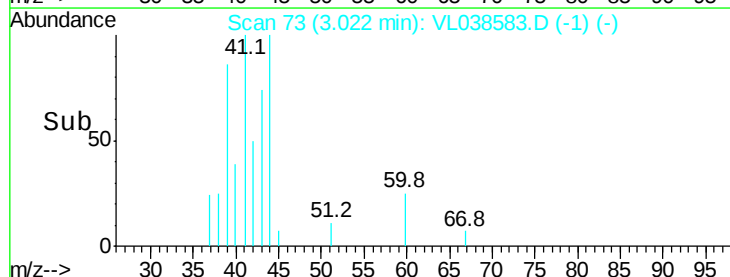
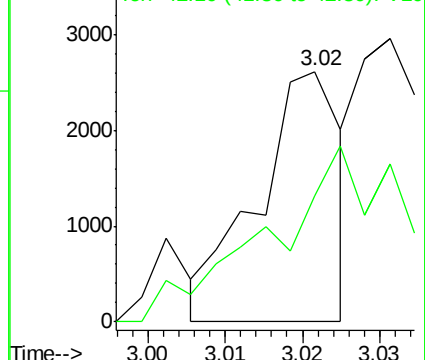
41 100

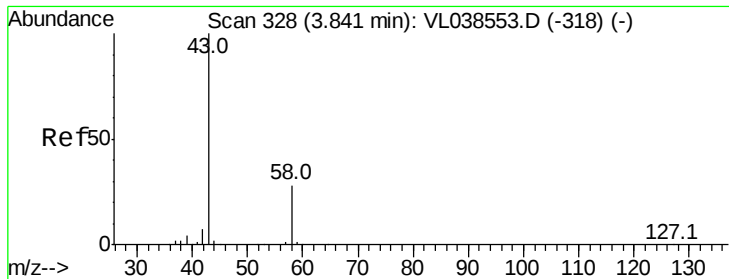
42 155.6 55.7 83.5#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.12 ppbv

RT: 3.88 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

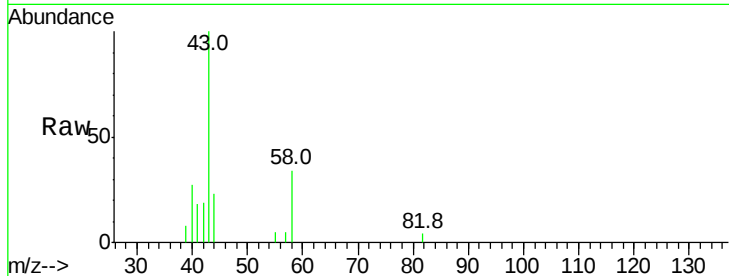
Acq: 9 Mar 2022 19:40

Tgt Ion: 43 Resp: 7263

Ion Ratio Lower Upper

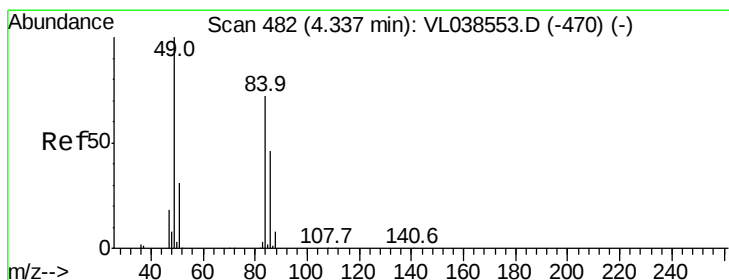
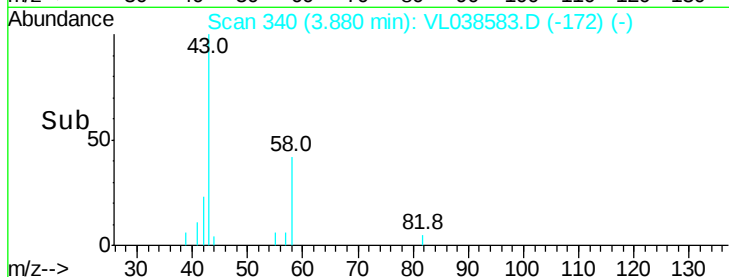
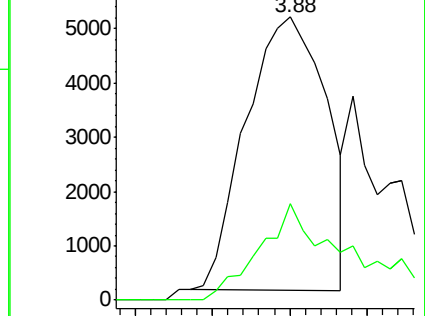
43 100

58 44.0 22.7 34.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.82 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL038583.D

Acq: 9 Mar 2022 19:40

Tgt Ion: 84 Resp: 29044

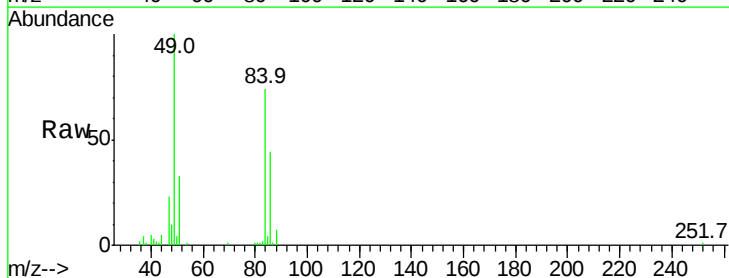
Ion Ratio Lower Upper

84 100

49 133.8 111.1 166.7

51 43.7 34.0 51.0

86 59.2 50.9 76.3

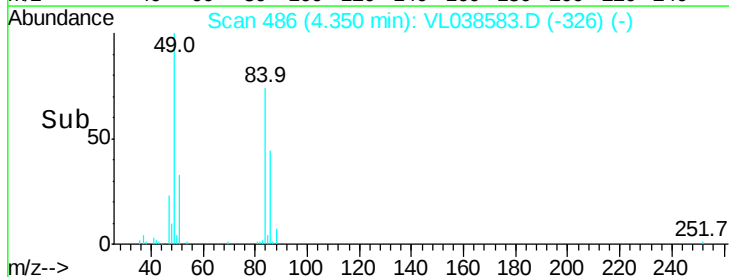
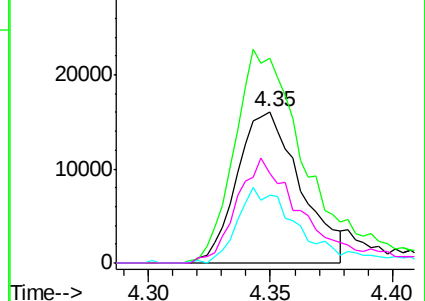


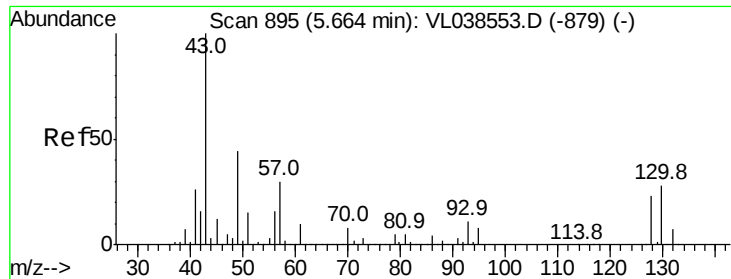
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

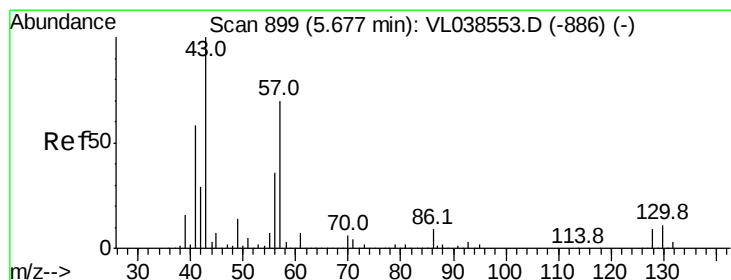
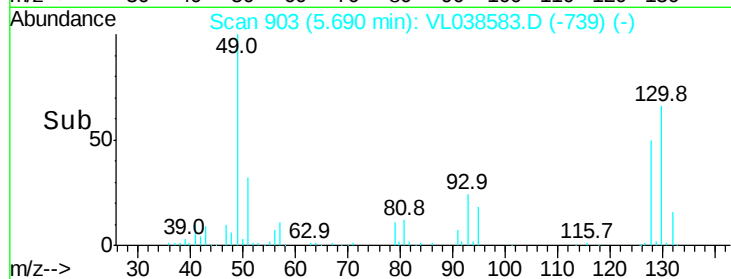
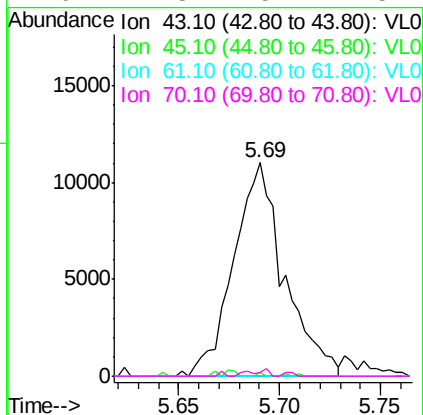
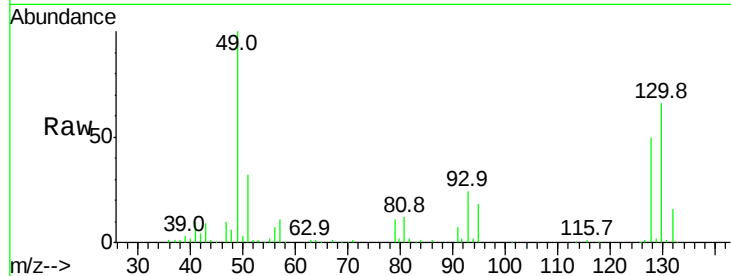
Ion 86.00 (85.70 to 86.70): VL0





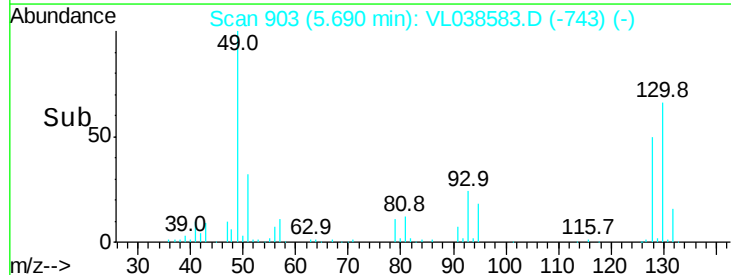
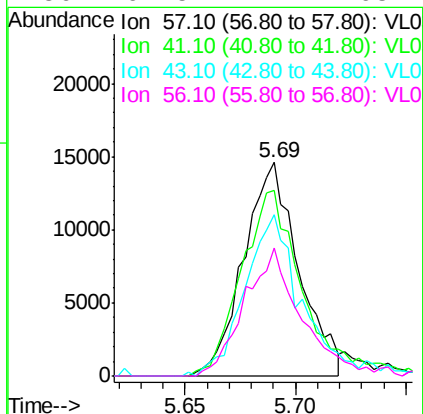
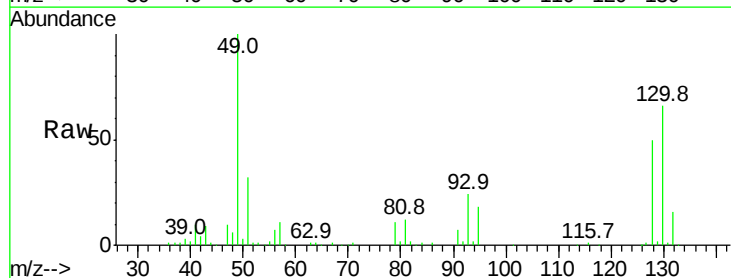
#25
Ethyl Acetate
Concen: 0.10 ppbv
RT: 5.69 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL038553.D
ClientSampleId: AA-1DL2
Acq: 9 Mar 2022 19:40

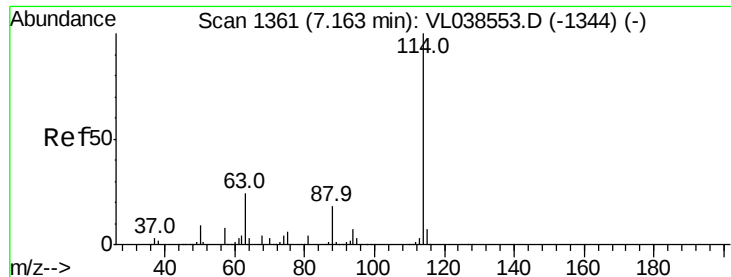
Tgt Ion:	43	Resp:	19331
Ion	Ratio	Lower	Upper
43	100		
45	0.3	8.0	12.0#
61	0.0	8.2	12.4#
70	1.8	5.4	8.2#



#26
Hexane
Concen: 0.27 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: 0.01 min
Lab File: VL038583.D
Acq: 9 Mar 2022 19:40

Tgt Ion:	57	Resp:	25260
Ion	Ratio	Lower	Upper
57	100		
41	99.8	67.8	101.6
43	80.3	173.6	260.4#
56	62.5	42.2	63.2

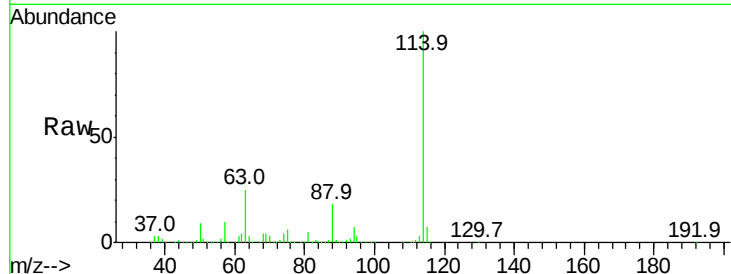




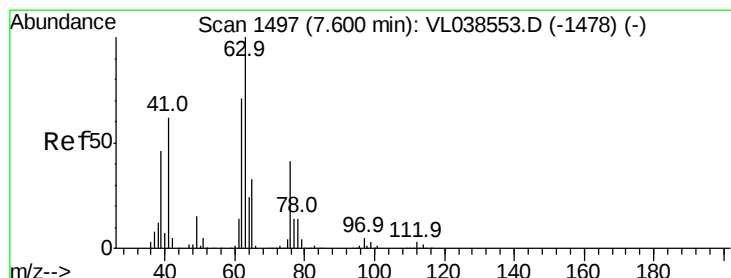
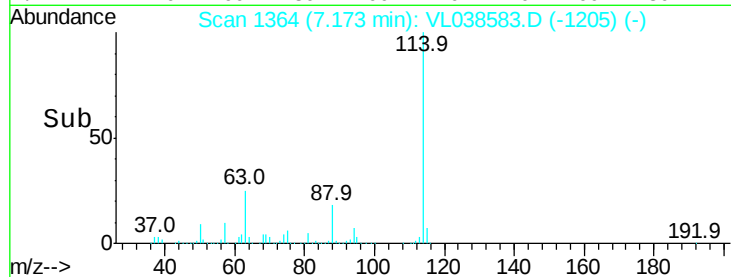
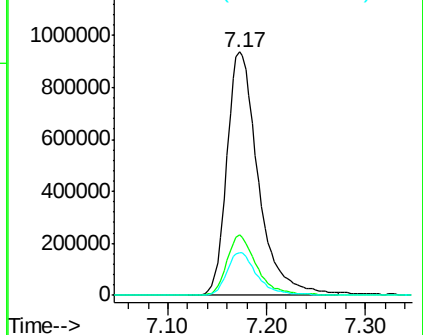
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 19:40

Tgt Ion: 114 Resp: 2085006

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.6	29.4
88	17.3	13.9	20.9



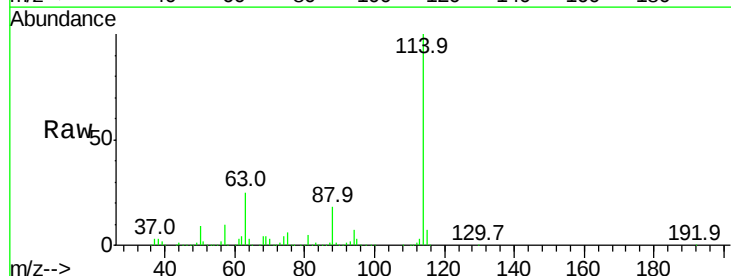
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



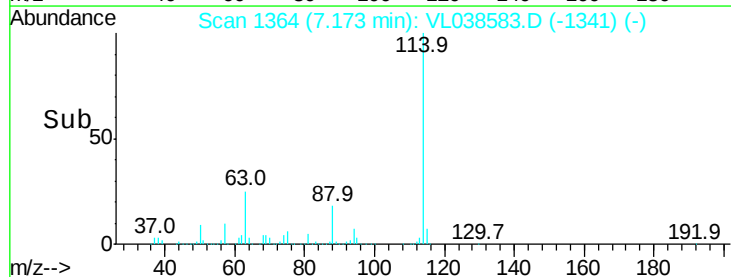
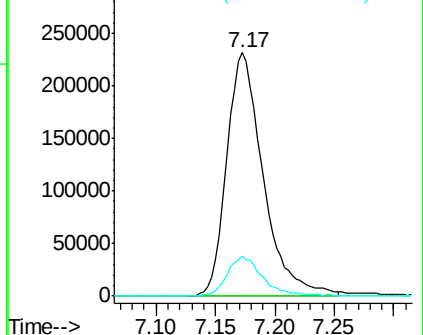
#39
 1,2-Dichloropropane
 Concen: 6.81 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.43 min
 Lab File: VL038583.D
 Acq: 9 Mar 2022 19:40

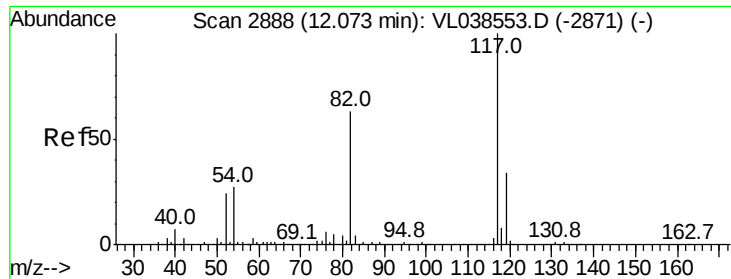
Tgt Ion: 63 Resp: 492957

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	16.4	56.7	85.1#



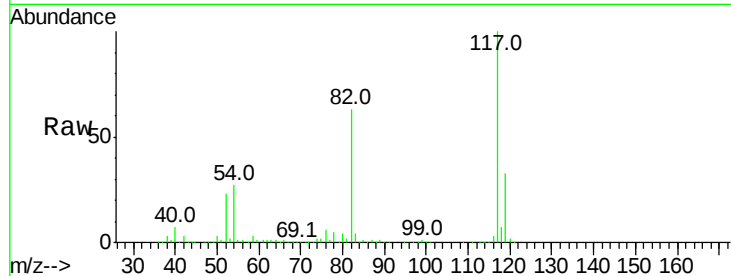
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0



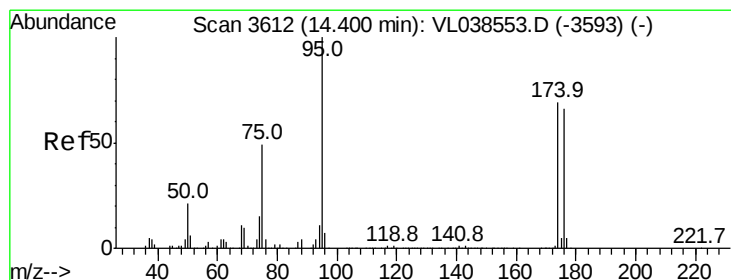
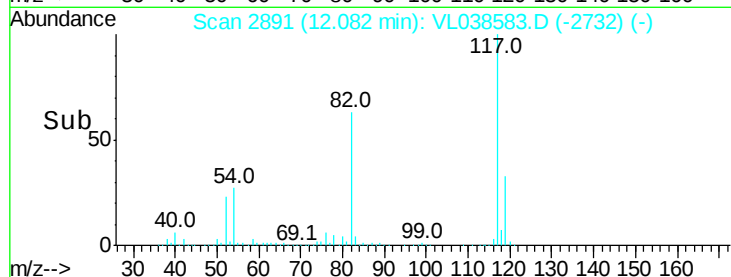
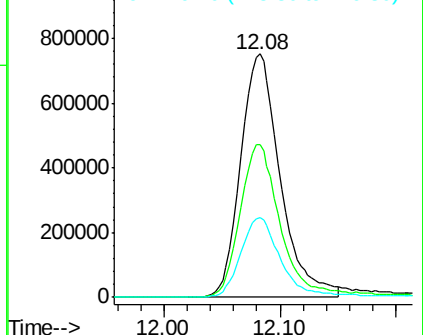


#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 AA-1DL2
 Acq: 9 Mar 2022 19:40

Tgt Ion: 117 Resp: 1790955
 Ion Ratio Lower Upper
 117 100
 82 67.4 52.5 78.7
 119 35.1 46.4 69.6#

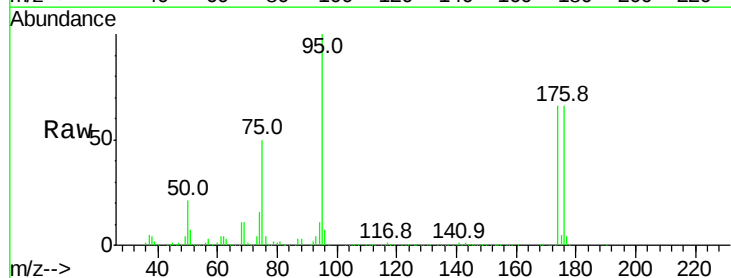


Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): V
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.71 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T.: 0.01 min
 Lab File: VL038553.D
 Acq: 9 Mar 2022 19:40

Tgt Ion: 95 Resp: 1322510
 Ion Ratio Lower Upper
 95 100
 174 73.7 56.2 84.4
 175 5.0 4.2 6.2



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

