

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071222\
 Data File : VL039443.D
 Acq On : 12 Jul 2022 11:06
 Operator : SY/AP
 Sample : VL0712ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0712ABL01

Quant Time: Jul 13 01:29:10 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1342861	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	3907327	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	3450843	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2520469	9.85	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

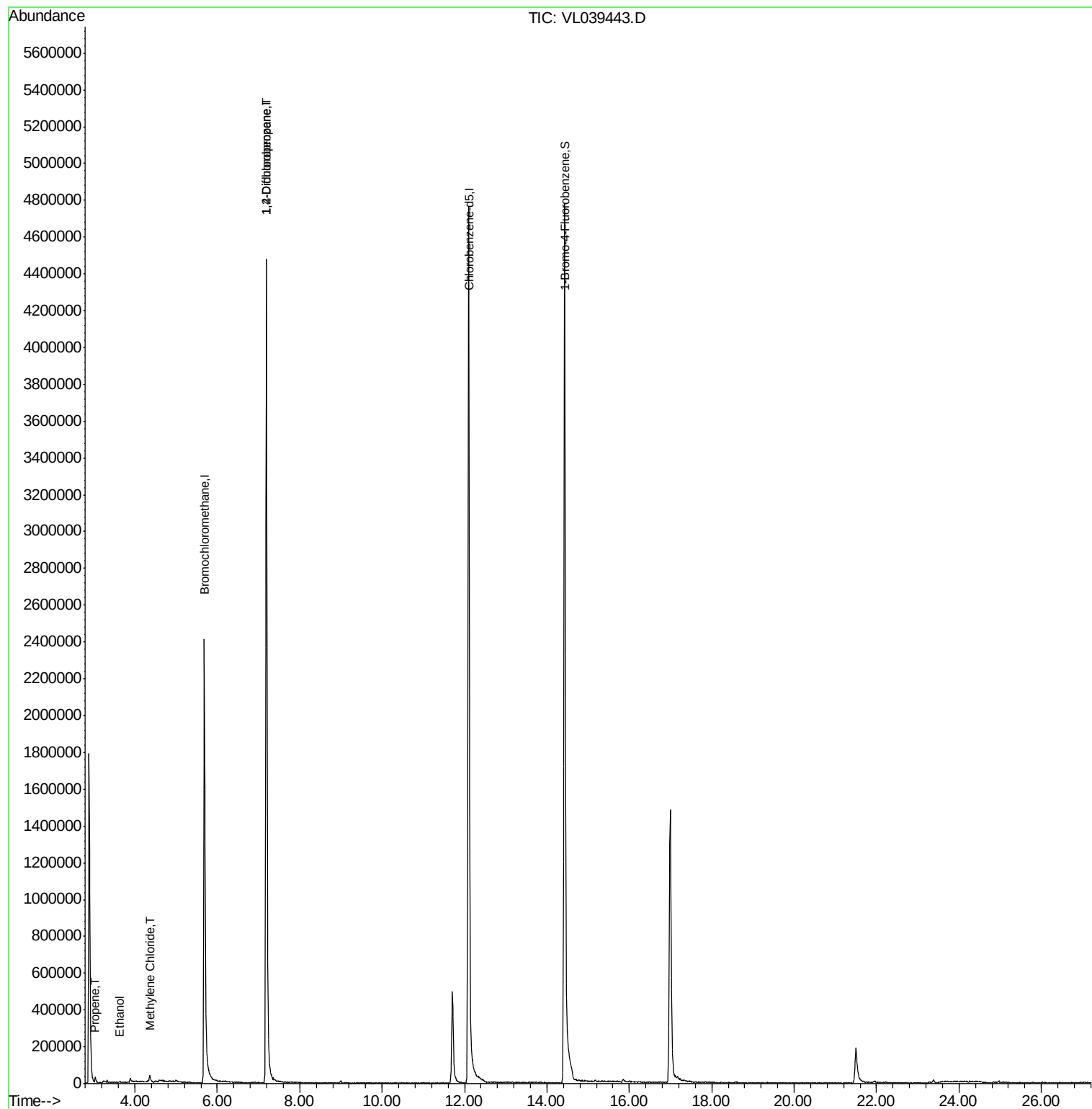
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	3378	0.04	ppbv #	1
13) Ethanol	3.63	45	231	0.05	ppbv #	23
20) Methylene Chloride	4.37	84	12093	0.19	ppbv #	70
39) 1,2-Dichloropropane	7.19	63	925461	8.19	ppbv #	25

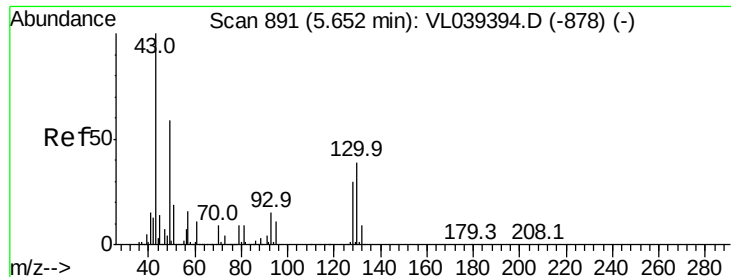
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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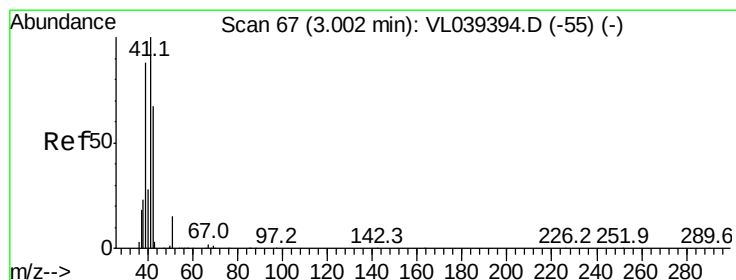
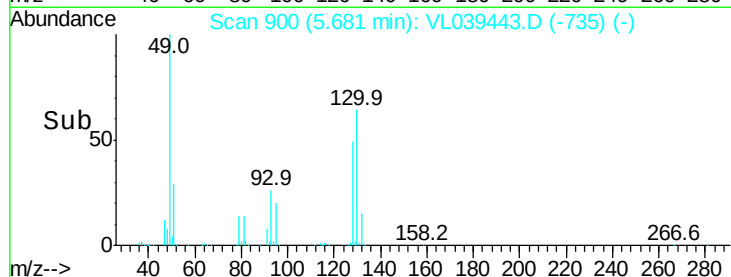
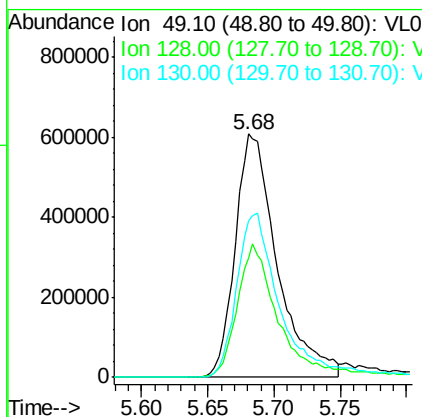
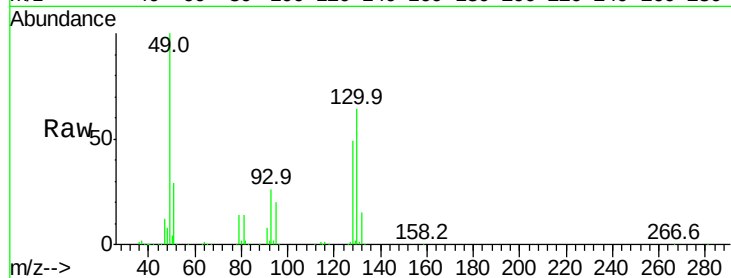
Quant Time: Jul 13 01:29:10 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
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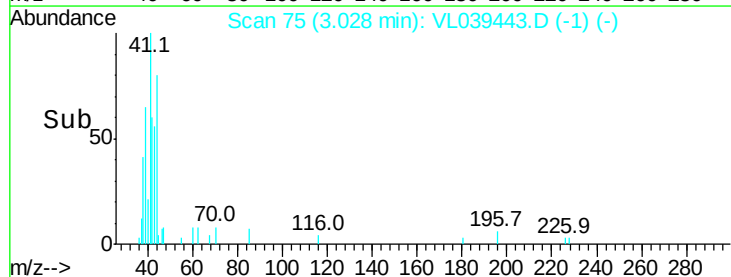
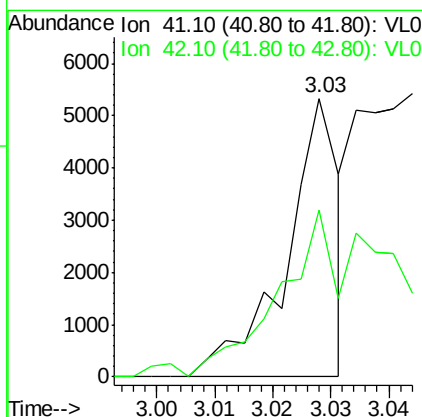
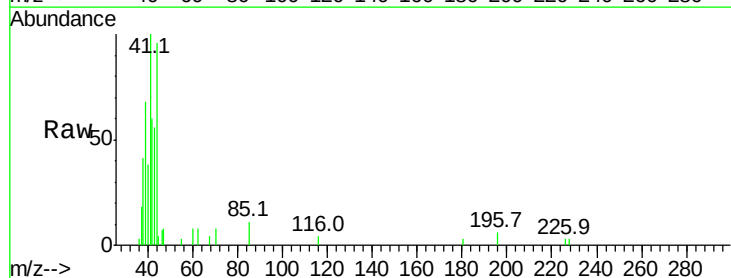
#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.68
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0712ABL01
 Acq: 12 Jul 2022 11:00

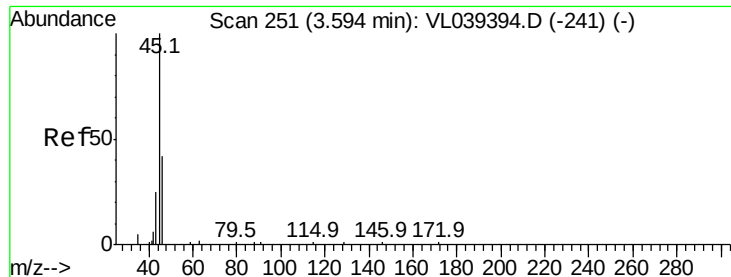
Tgt Ion: 49 Resp: 1342861
 Ion Ratio Lower Upper
 49 100
 128 57.1 26.7 80.0
 130 72.6 34.3 102.8



#9
 Propene
 Concen: 0.04 ppbv
 RT: 3.03 min Scan# 75
 Delta R.T.: 0.03 min
 Lab File: VL039443.D
 Acq: 12 Jul 2022 11:06

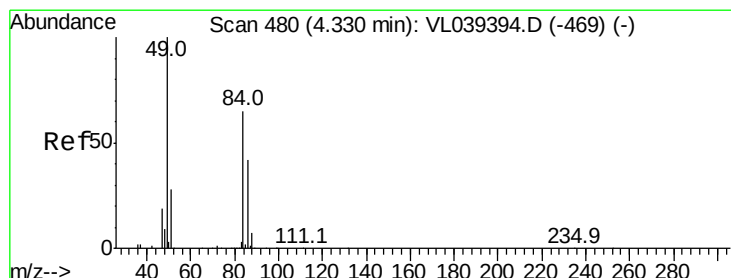
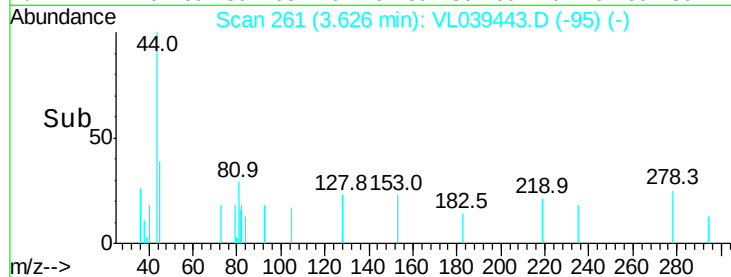
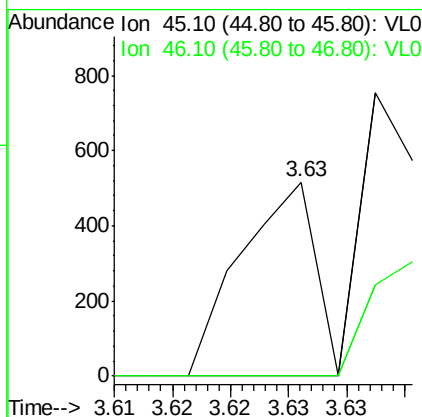
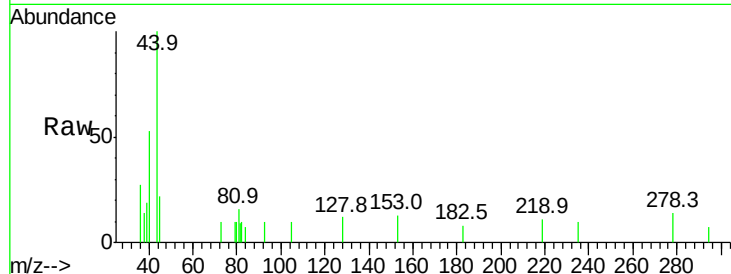
Tgt Ion: 41 Resp: 3378
 Ion Ratio Lower Upper
 41 100
 42 158.4 55.2 82.8#





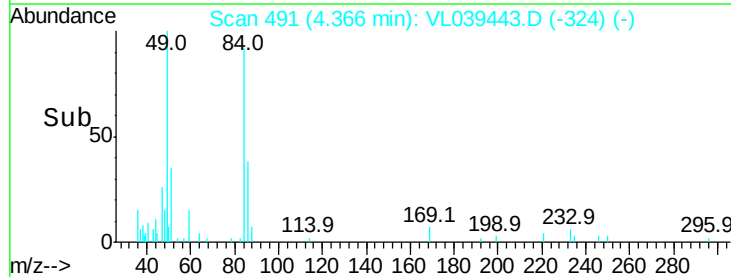
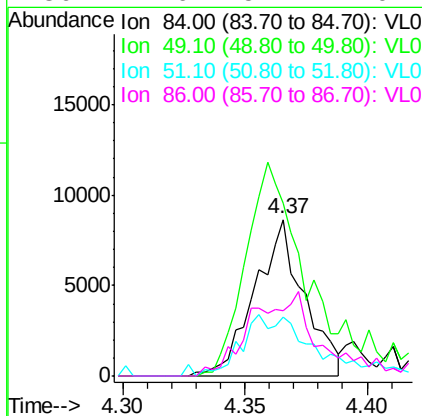
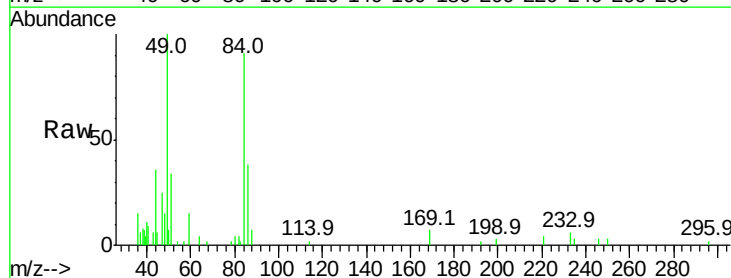
#13
 Ethanol
 Concen: 0.05 ppbv
 RT: 3.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0712ABL01
 Acq: 12 Jul 2022 11:00

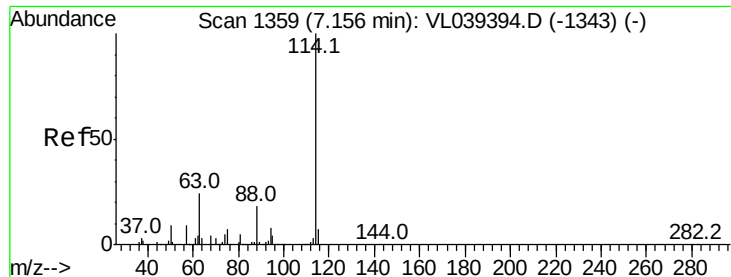
Tgt Ion: 45 Resp: 231
 Ion Ratio Lower Upper
 45 100
 46 0.0 22.8 91.2#



#20
 Methylene Chloride
 Concen: 0.19 ppbv
 RT: 4.37 min Scan# 491
 Delta R.T. 0.04 min
 Lab File: VL039443.D
 Acq: 12 Jul 2022 11:06

Tgt Ion: 84 Resp: 12093
 Ion Ratio Lower Upper
 84 100
 49 110.2 123.1 184.7#
 51 30.2 34.4 51.6#
 86 41.6 51.1 76.7#

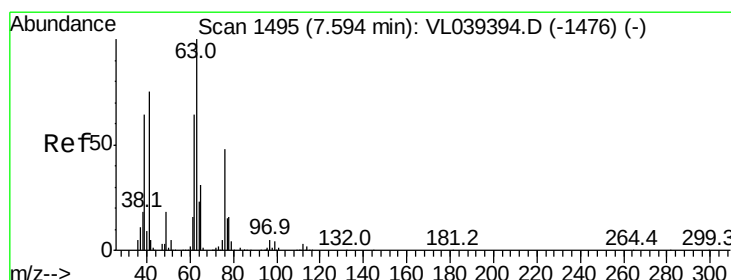
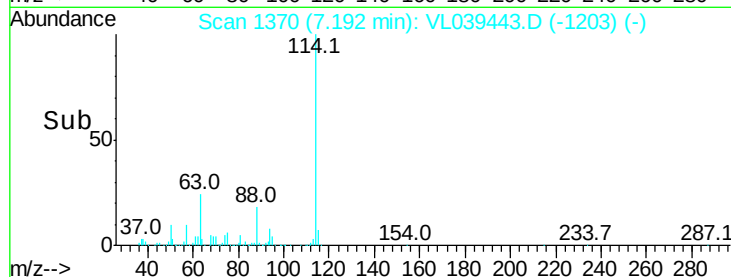
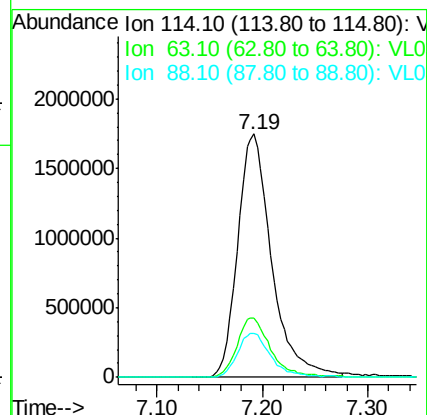
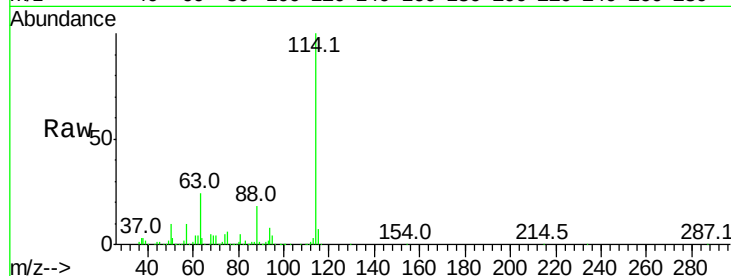




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.19 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0712ABL01
 Acq: 12 Jul 2022 11:00

Tgt Ion: 114 Resp: 3907327

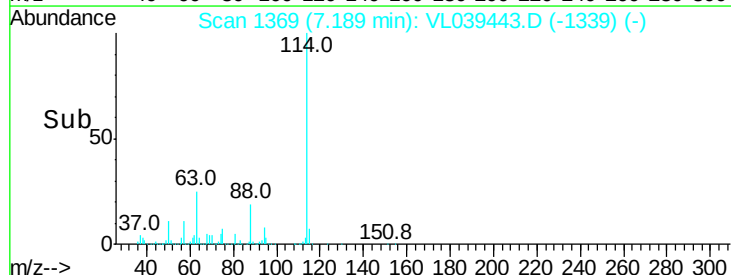
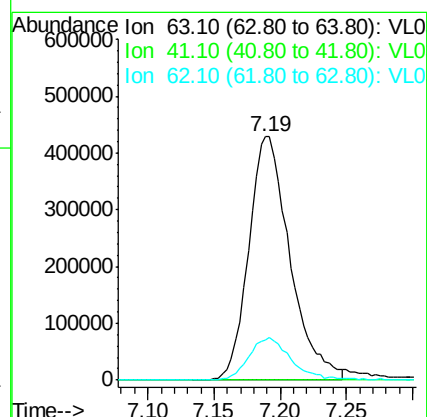
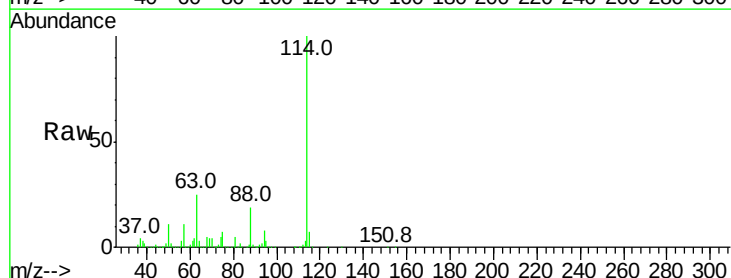
Ion	Ratio	Lower	Upper
114	100		
63	24.6	20.2	30.4
88	18.2	14.5	21.7

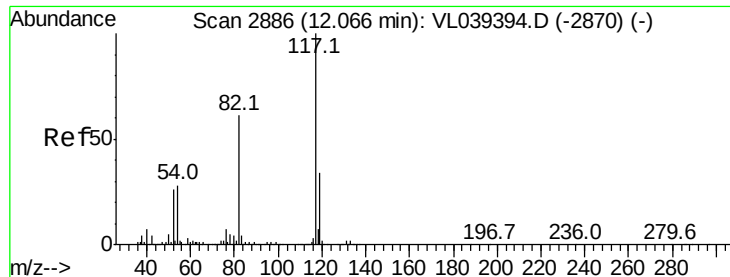


#39
 1,2-Dichloropropane
 Concen: 8.19 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.41 min
 Lab File: VL039443.D
 Acq: 12 Jul 2022 11:06

Tgt Ion: 63 Resp: 925461

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	16.4	51.4	77.0#

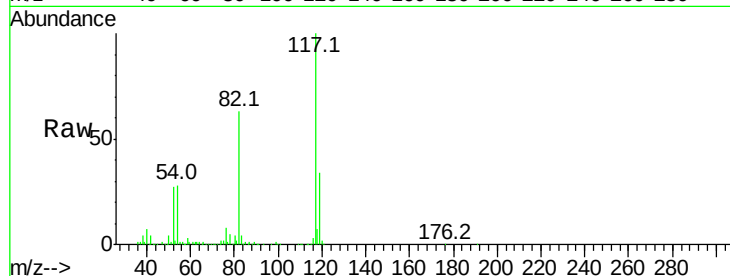




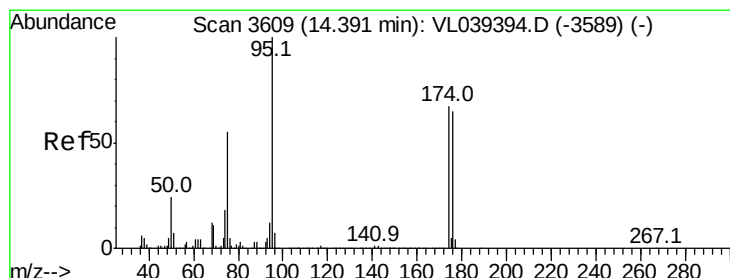
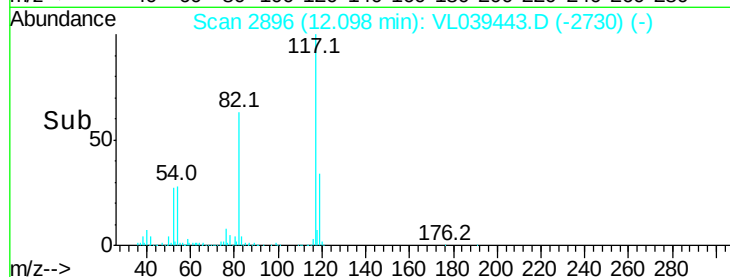
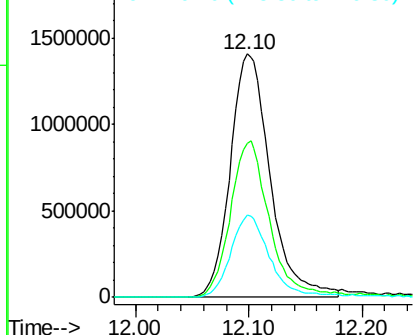
#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.10 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0712ABL01
 Acq: 12 Jul 2022 11:00

Tgt Ion: 117 Resp: 3450843

Ion	Ratio	Lower	Upper
117	100		
82	64.2	50.8	76.2
119	34.4	24.1	36.1



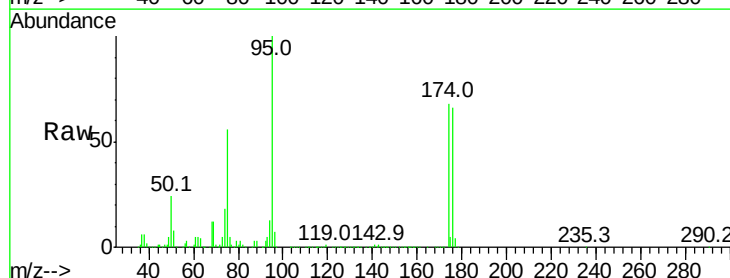
Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): V
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.85 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T.: 0.04 min
 Lab File: VL039443.D
 Acq: 12 Jul 2022 11:06

Tgt Ion: 95 Resp: 2520469

Ion	Ratio	Lower	Upper
95	100		
174	73.4	55.9	83.9
175	5.5	4.2	6.4



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

