

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071322\
 Data File : VL039470.D
 Acq On : 13 Jul 2022 18:19
 Operator : SY/AP
 Sample : VL0712ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABL01

Quant Time: Jul 14 01:21:38 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	5.67	49	1260167	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3533409	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	3179968	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2329785	9.88	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%

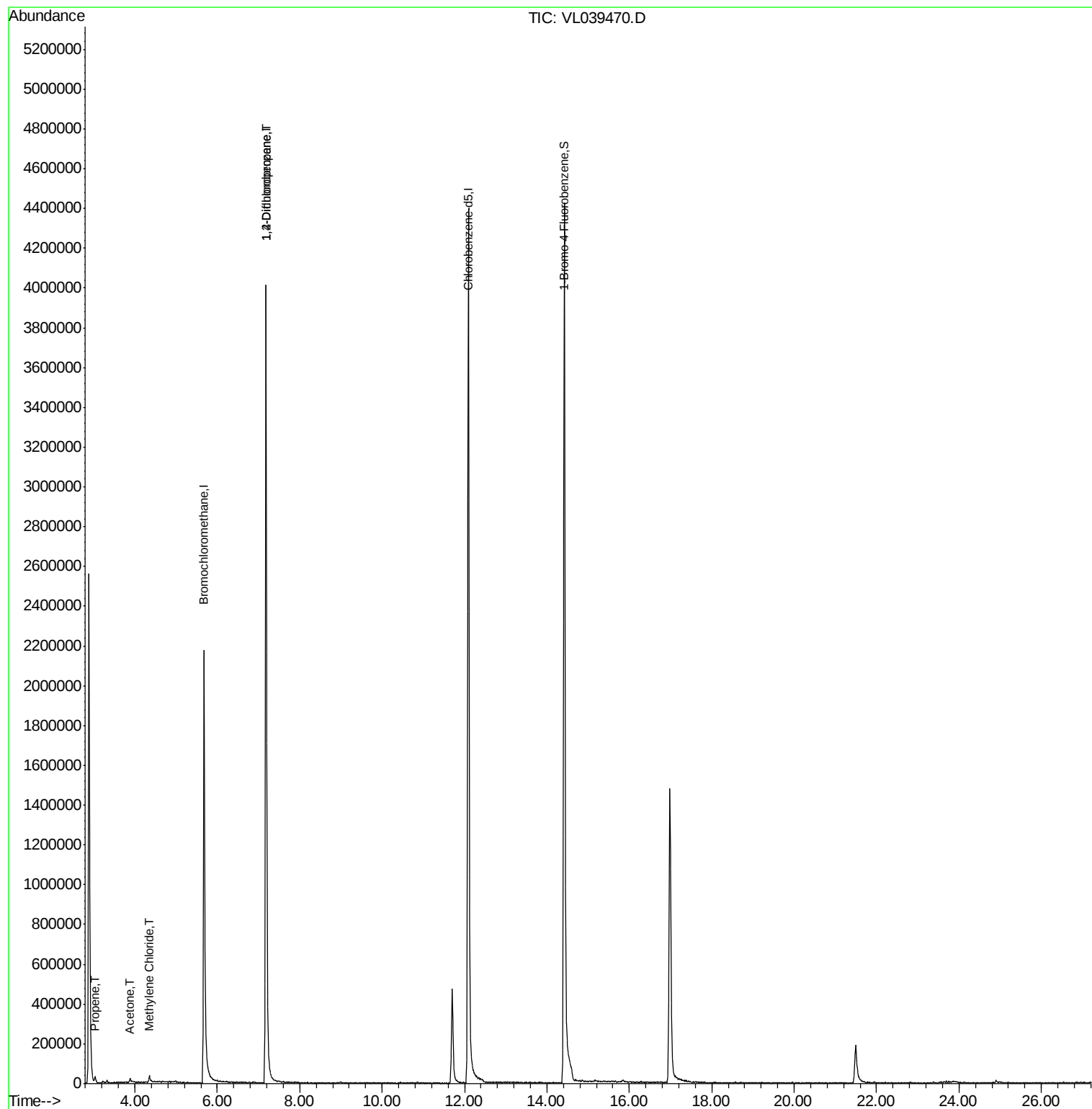
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	5138	0.07	ppbv #	15
15) Acetone	3.88	43	19385	0.13	ppbv #	55
20) Methylene Chloride	4.35	84	10187	0.17	ppbv #	83
39) 1,2-Dichloropropane	7.18	63	859186	8.41	ppbv #	26

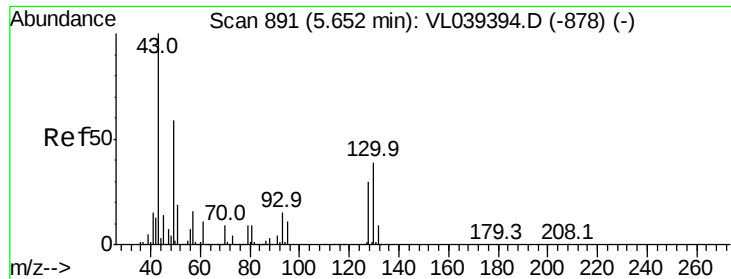
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Jul 2022 18:19

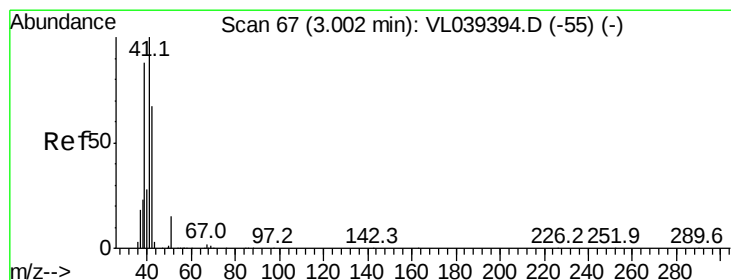
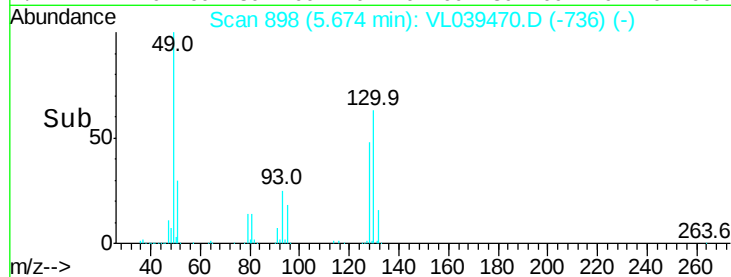
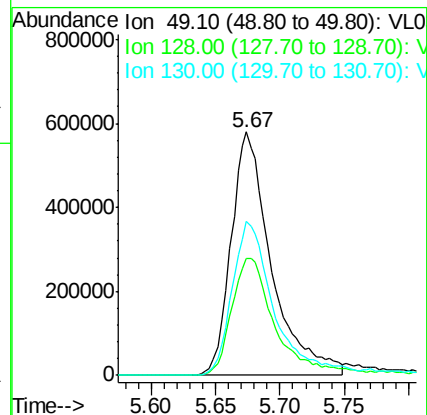
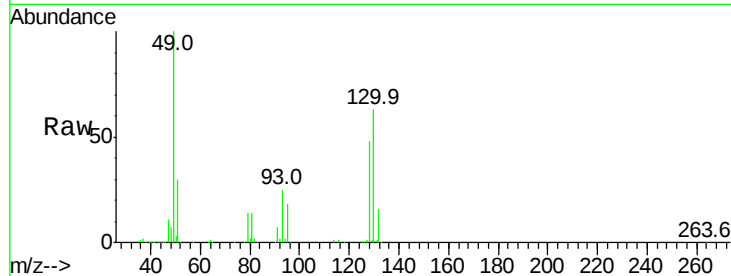
Tgt Ion: 49 Resp: 1260167

Ion Ratio Lower Upper

49 100

128 53.4 26.7 80.0

130 69.1 34.3 102.8



#9

Propene

Concen: 0.07 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.02 min

Lab File: VL039470.D

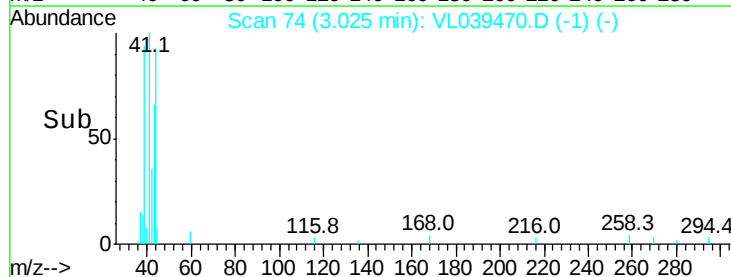
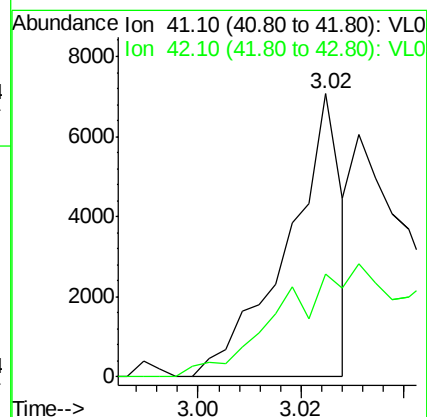
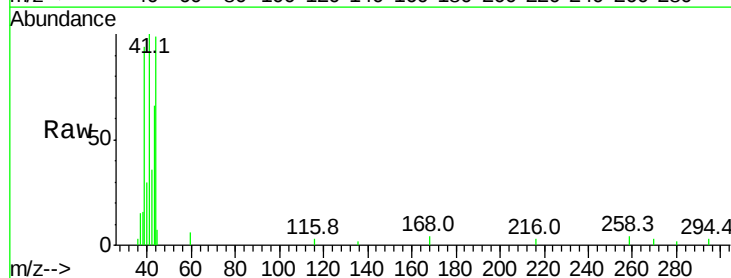
Acq: 13 Jul 2022 18:19

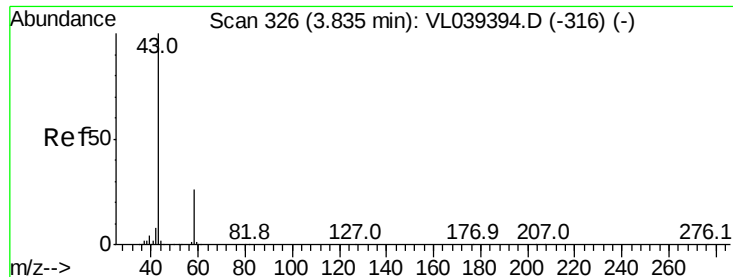
Tgt Ion: 41 Resp: 5138

Ion Ratio Lower Upper

41 100

42 0.0 55.2 82.8#





#15

Acetone

Concen: 0.13 ppbv

RT: 3.88

Delta R.T.

Lab File:

Acq: 13 Jul 2022 18:19

Instrument:

MSVOA_1

ClientSampleId:

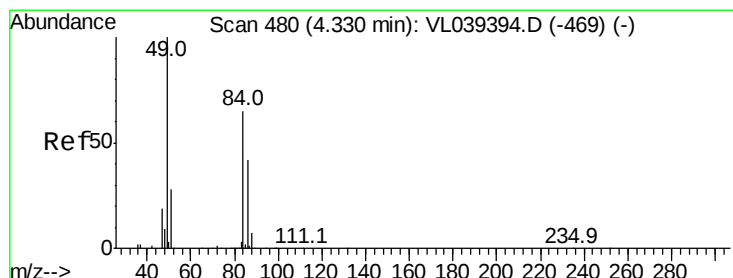
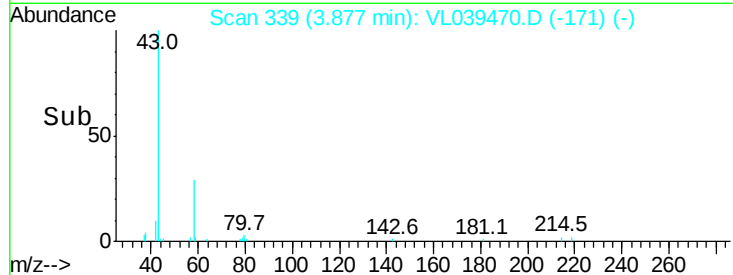
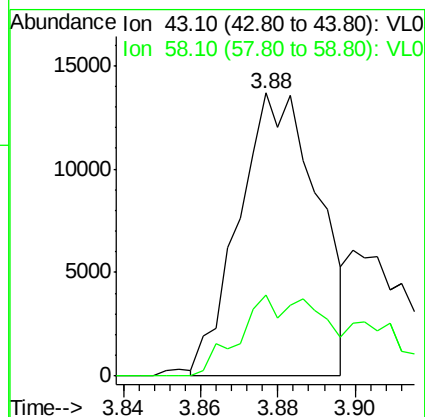
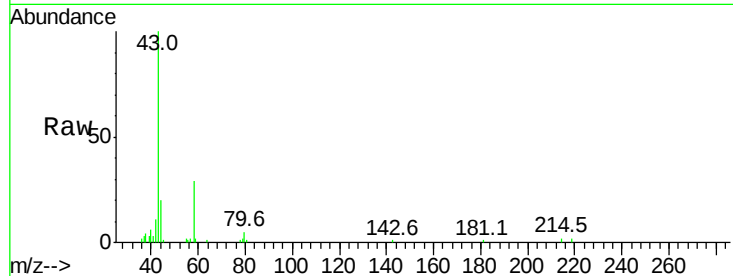
VL0713ABL01

Tgt Ion: 43 Resp: 19385

Ion Ratio Lower Upper

43 100

58 49.3 21.0 31.6#



#20

Methylene Chloride

Concen: 0.17 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.02 min

Lab File: VL039470.D

Acq: 13 Jul 2022 18:19

Tgt Ion: 84 Resp: 10187

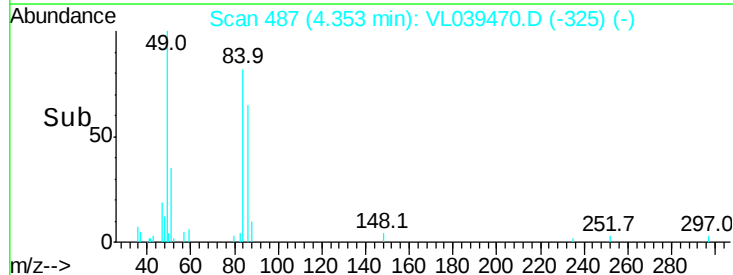
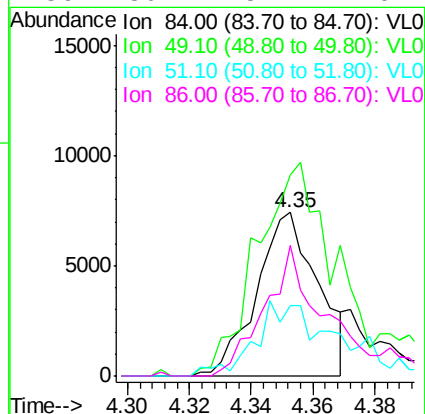
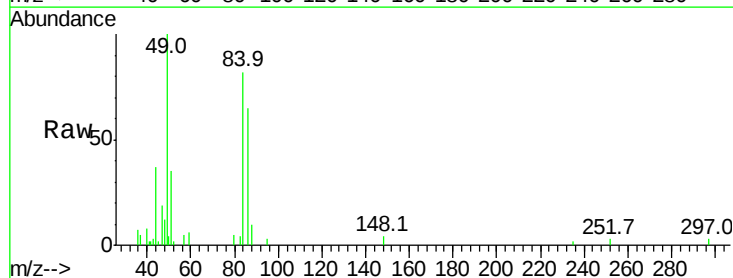
Ion Ratio Lower Upper

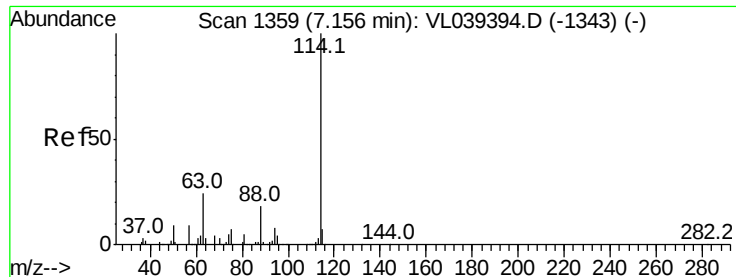
84 100

49 128.0 123.1 184.7

51 43.4 34.4 51.6

86 80.2 51.1 76.7#

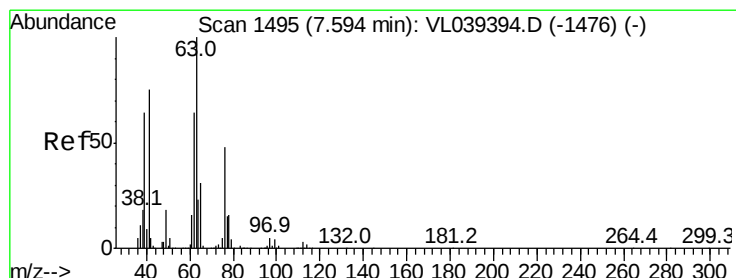
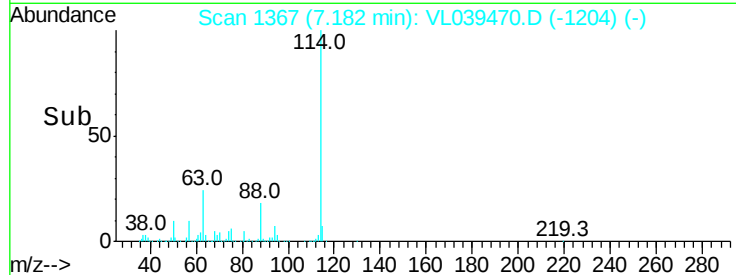
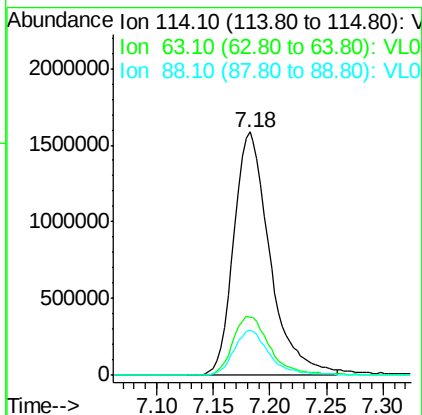
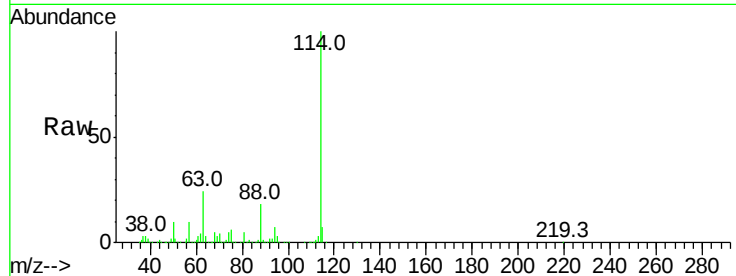




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.18 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0713ABL01
 Acq: 13 Jul 2022 18:19

Tgt Ion: 114 Resp: 3533409

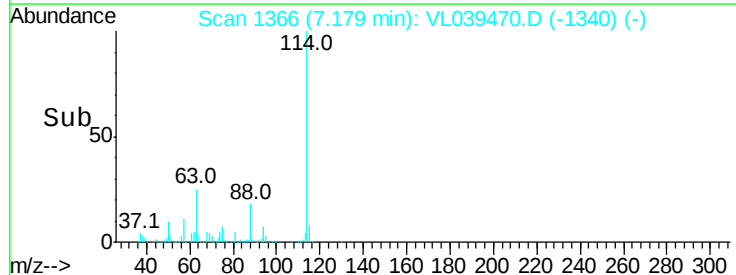
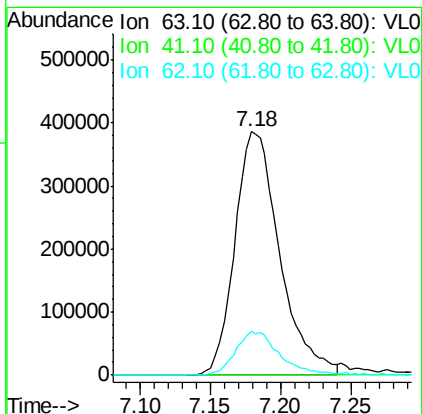
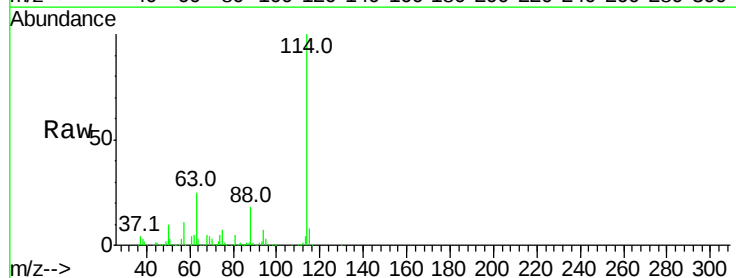
Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.2	30.4
88	18.6	14.5	21.7

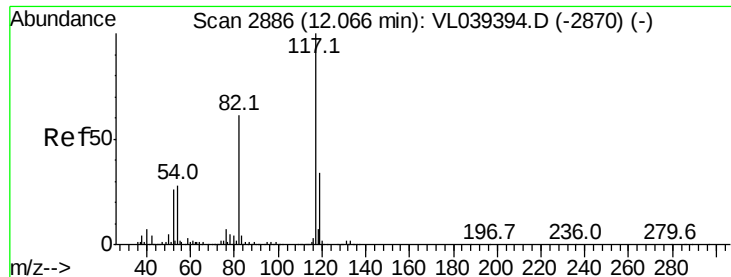


#39
 1,2-Dichloropropane
 Concen: 8.41 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.41 min
 Lab File: VL039470.D
 Acq: 13 Jul 2022 18:19

Tgt Ion: 63 Resp: 859186

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	18.1	51.4	77.0#

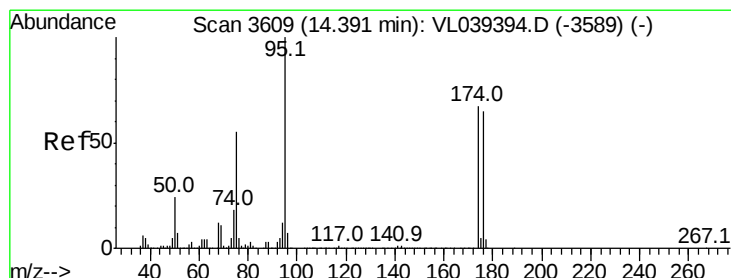
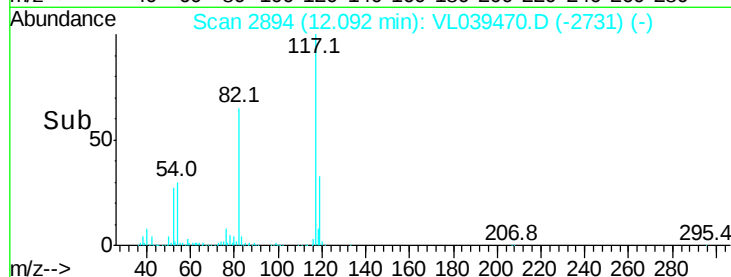
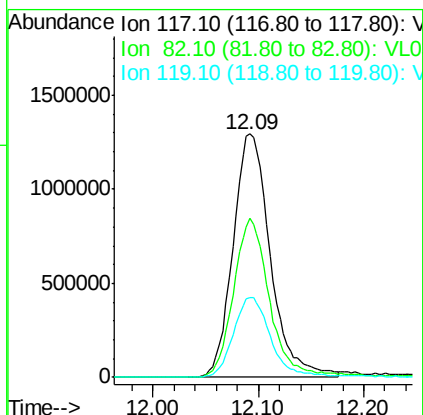
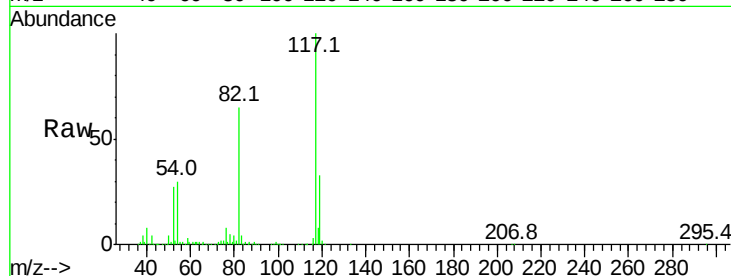




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0713ABL01
Acq: 13 Jul 2022 18:19

Tgt Ion: 117 Resp: 3179968

Ion	Ratio	Lower	Upper
117	100		
82	64.8	50.8	76.2
119	33.6	24.1	36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.88 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.03 min
Lab File: VL039470.D
Acq: 13 Jul 2022 18:19

Tgt Ion: 95 Resp: 2329785

Ion	Ratio	Lower	Upper
95	100		
174	74.2	55.9	83.9
175	5.5	4.2	6.4

