

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090722\
 Data File : VL039615.D
 Acq On : 7 Sep 2022 12:02
 Operator : SY/AP
 Sample : VL0907ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABL01

Quant Time: Sep 08 05:18:51 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.20	49	1076631	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2804949	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2491623	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	1823452	9.70	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%

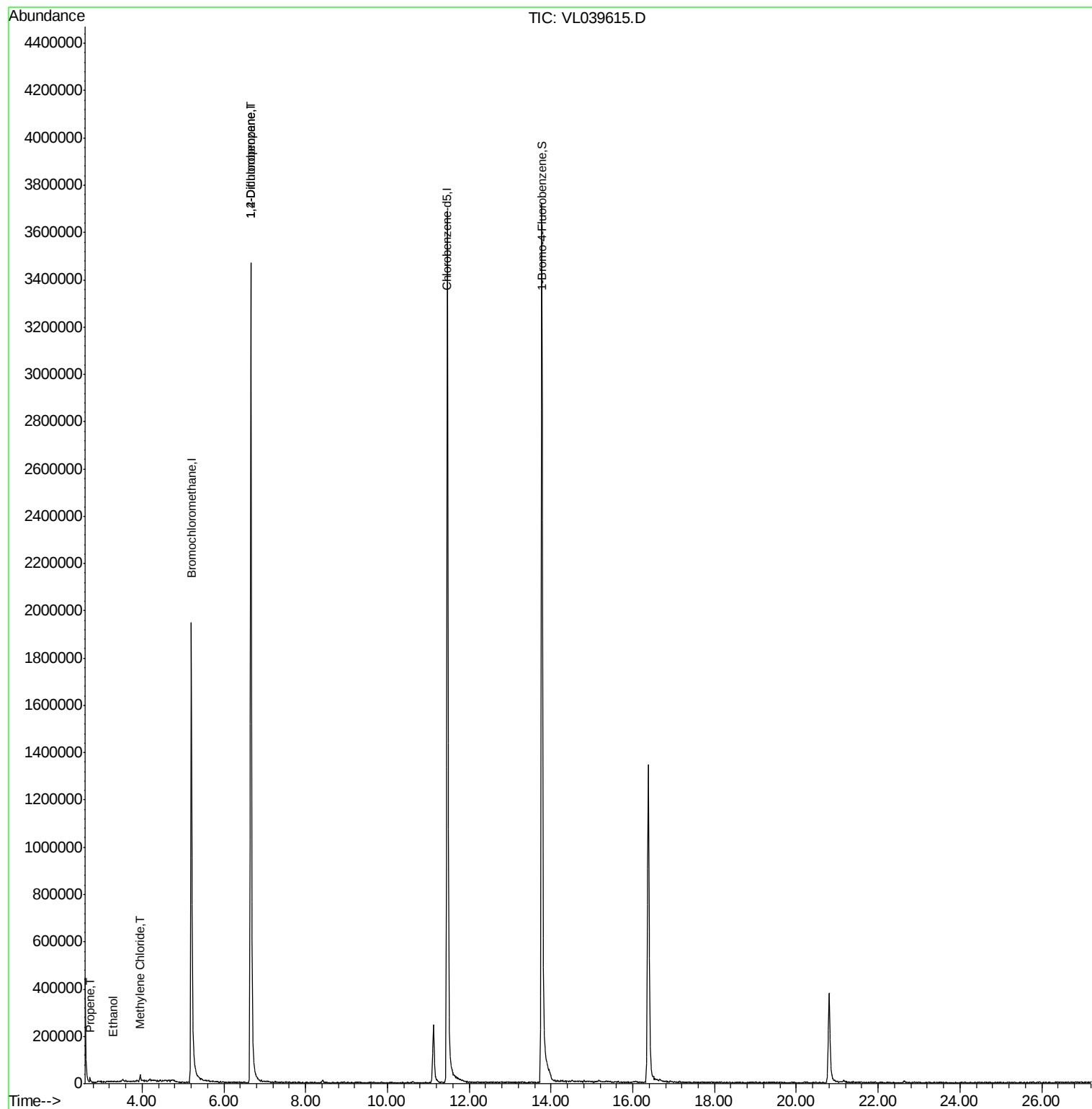
Target Compounds					Ovalue
9) Propene	2.73	41	7199	0.123 ppbv #	75
13) Ethanol	3.28	45	150	0.036 ppbv #	23
20) Methylene Chloride	3.95	84	5336	0.109 ppbv #	75
39) 1,2-Dichloropropane	6.66	63	684420	8.514 ppbv #	24

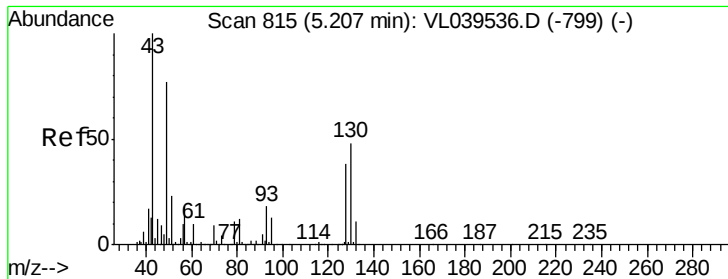
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.20 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0907ABL01

Acq: 7 Sep 2022 12:02

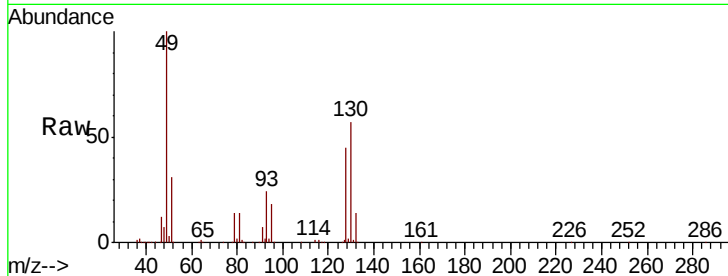
Tot Ion: 49 Resp: 1076631

Ion Ratio Lower Upper

49 100

128 51.1 26.7 80.0

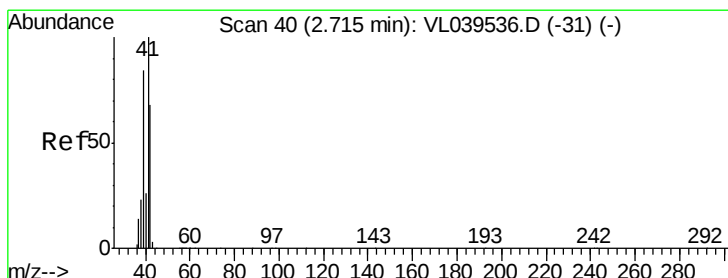
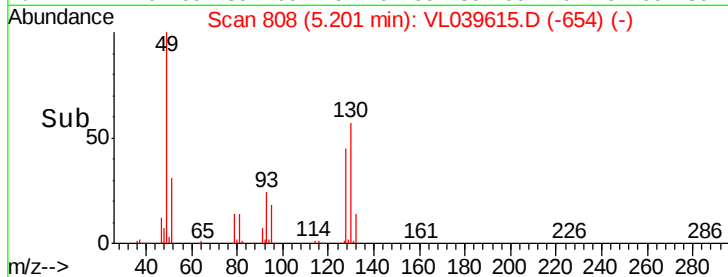
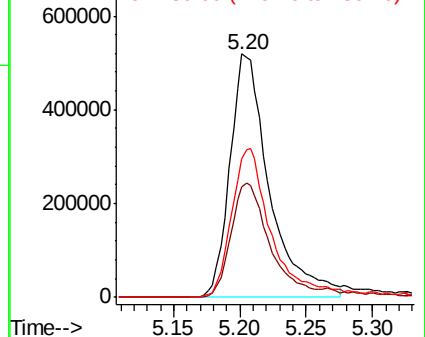
130 65.4 34.3 102.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.123 ppbv

RT: 2.73 min Scan# 38

Delta R.T. 0.01 min

Lab File: VL039615.D

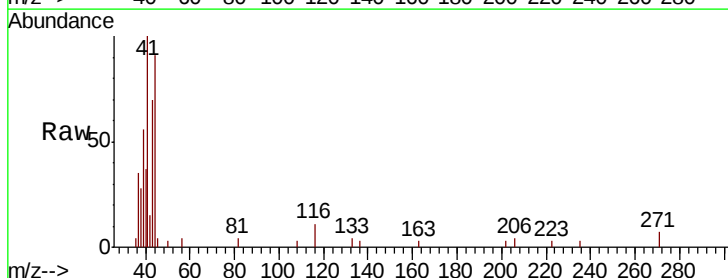
Acq: 7 Sep 2022 12:02

Tgt Ion: 41 Resp: 7199

Ion Ratio Lower Upper

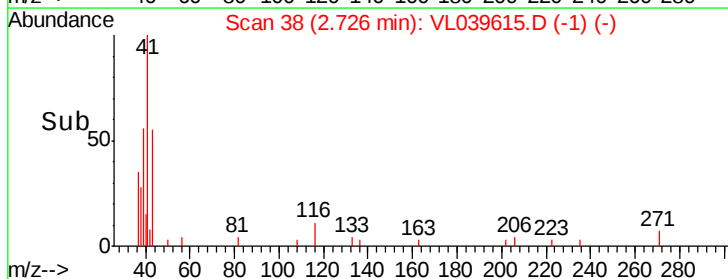
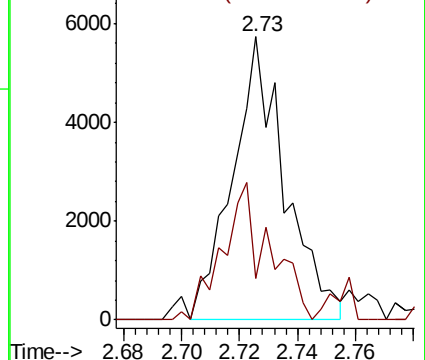
41 100

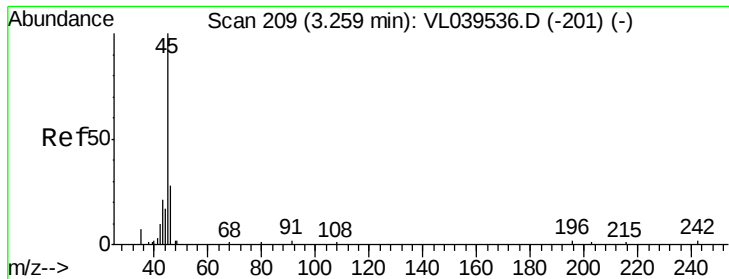
42 48.4 55.2 82.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

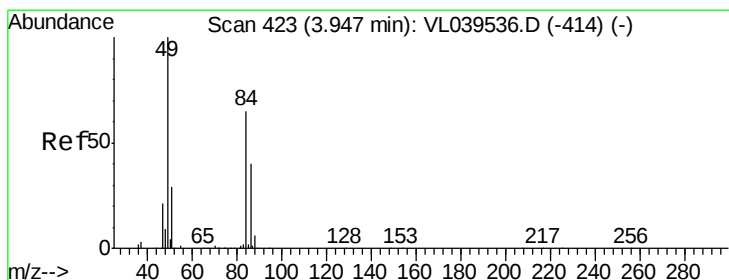
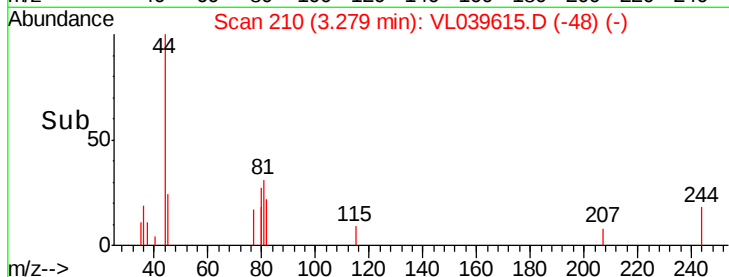
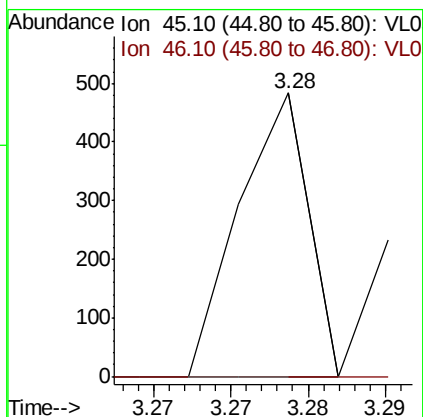
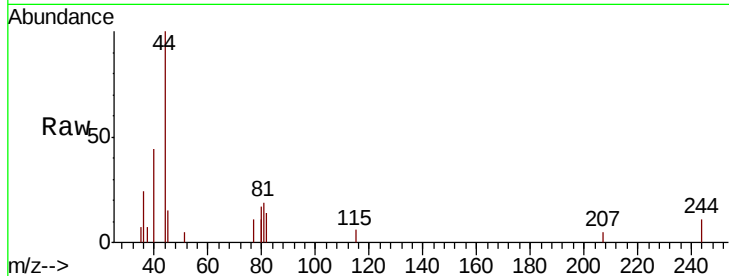
Ion 42.10 (41.80 to 42.80): VL0





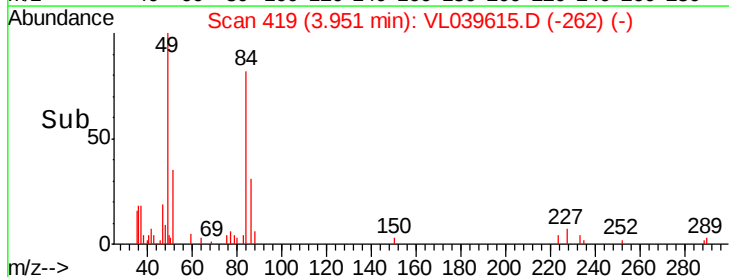
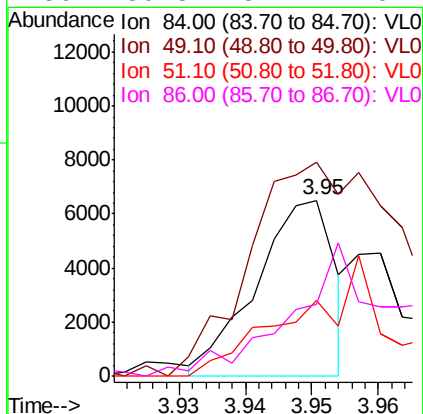
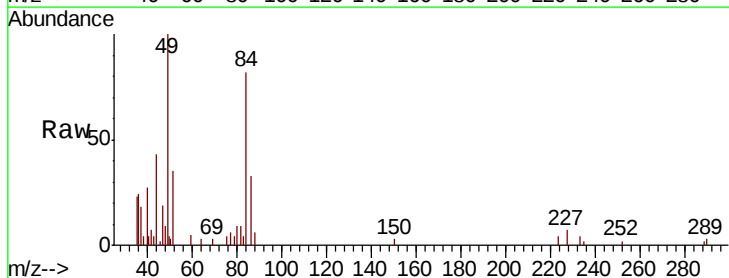
#13
Ethanol
Concen: 0.036 ppbv
RT: 3.28
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0907ABL01
Acq: 7 Sep 2022 12:02

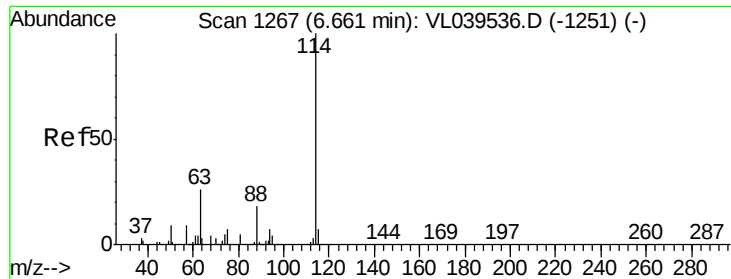
Tot Ion: 45 Resp: 150
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#



#20
Methylene Chloride
Concen: 0.109 ppbv
RT: 3.95 min Scan# 419
Delta R.T. 0.00 min
Lab File: VL039615.D
Acq: 7 Sep 2022 12:02

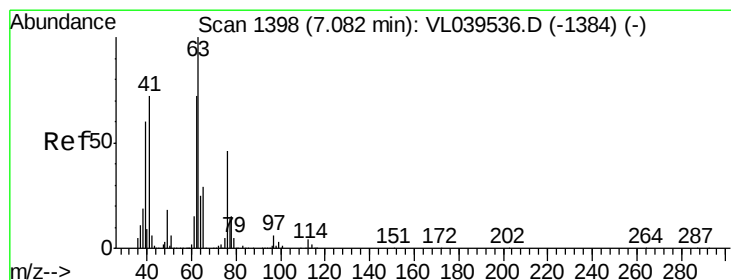
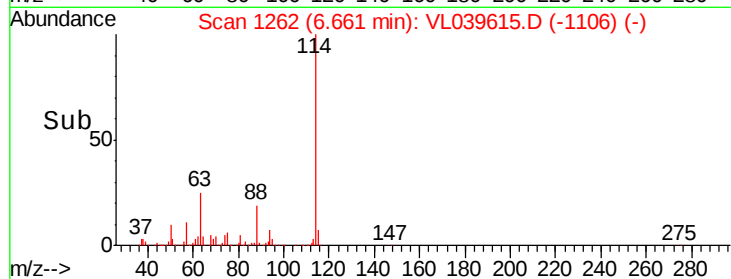
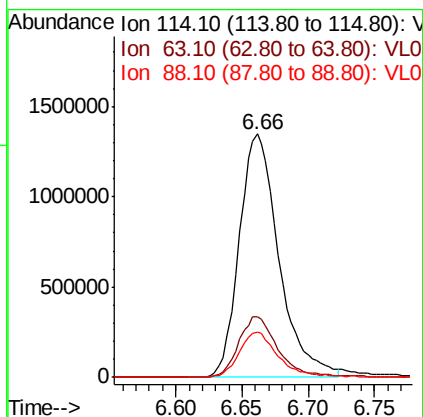
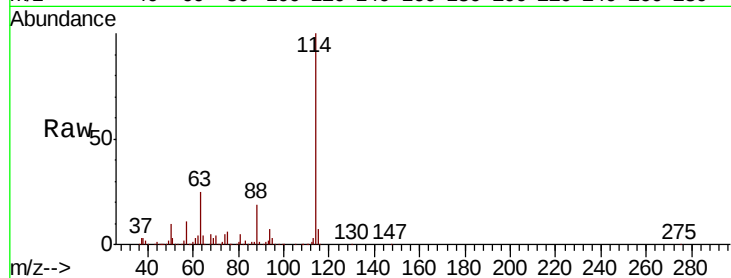
Tgt Ion: 84 Resp: 5336
Ion Ratio Lower Upper
84 100
49 117.6 123.1 184.7#
51 45.7 34.4 51.6
86 39.8 51.1 76.7#





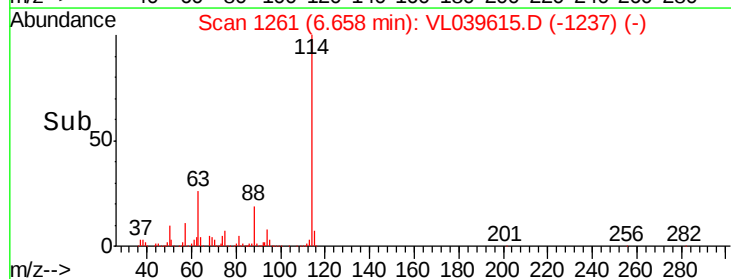
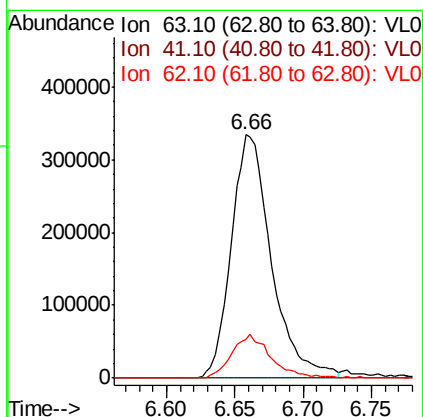
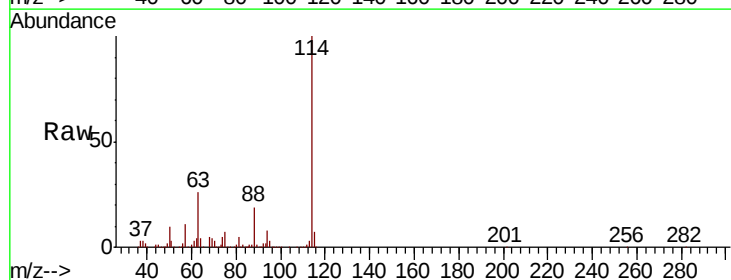
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0907ABL01
 Acq: 7 Sep 2022 12:02

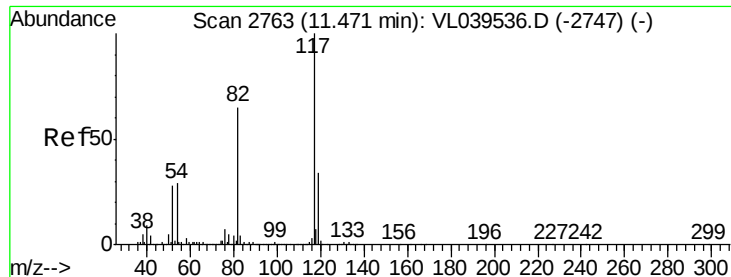
Tot Ion:	114	Resp:	2804949
Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.2	30.4
88	18.7	14.5	21.7



#39
 1,2-Dichloropropane
 Concen: 8.514 ppbv
 RT: 6.66 min Scan# 1261
 Delta R.T. -0.42 min
 Lab File: VL039615.D
 Acq: 7 Sep 2022 12:02

Tgt Ion:	63	Resp:	684420
Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	16.1	51.4	77.0#

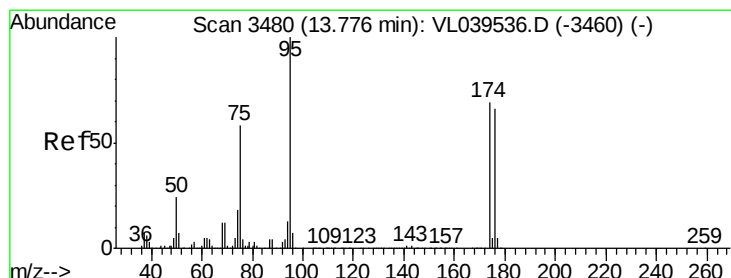
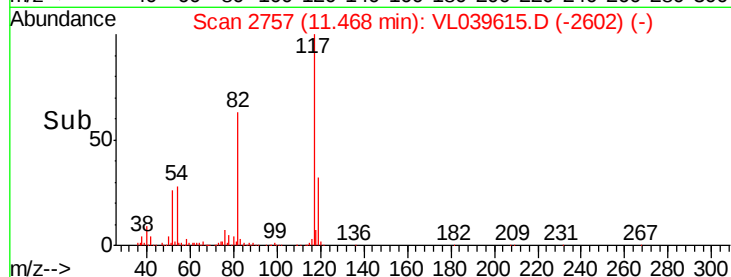
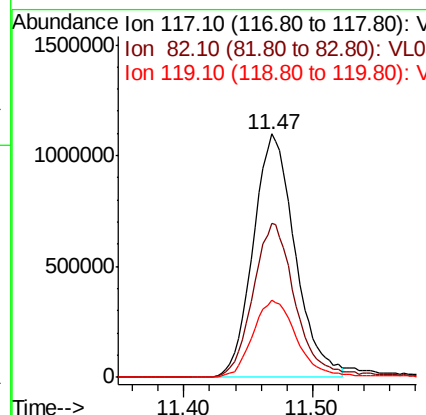
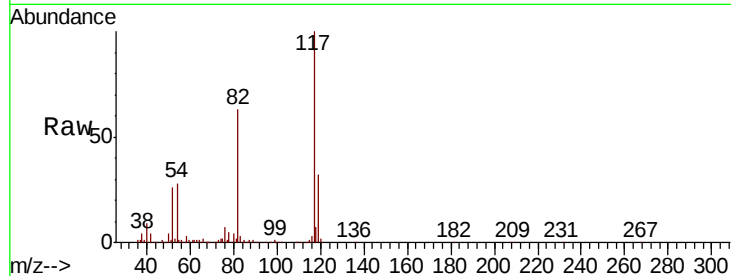




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.47 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0907ABL01
Acq: 7 Sep 2022 12:02

Tot Ion:117 Resp: 2491623

Ion	Ratio	Lower	Upper
117	100		
82	66.0	50.8	76.2
119	34.0	24.1	36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.701 ppbv
RT: 13.78 min Scan# 3475
Delta R.T.: 0.00 min
Lab File: VL039615.D
Acq: 7 Sep 2022 12:02

Tgt Ion: 95 Resp: 1823452

Ion	Ratio	Lower	Upper
95	100		
174	75.3	55.9	83.9
175	5.4	4.2	6.4

