

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071322\
 Data File : VL039478.D
 Acq On : 14 Jul 2022 00:18
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 14 01:25:28 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	1249053	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3454866	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3077250	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2244272	9.83	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

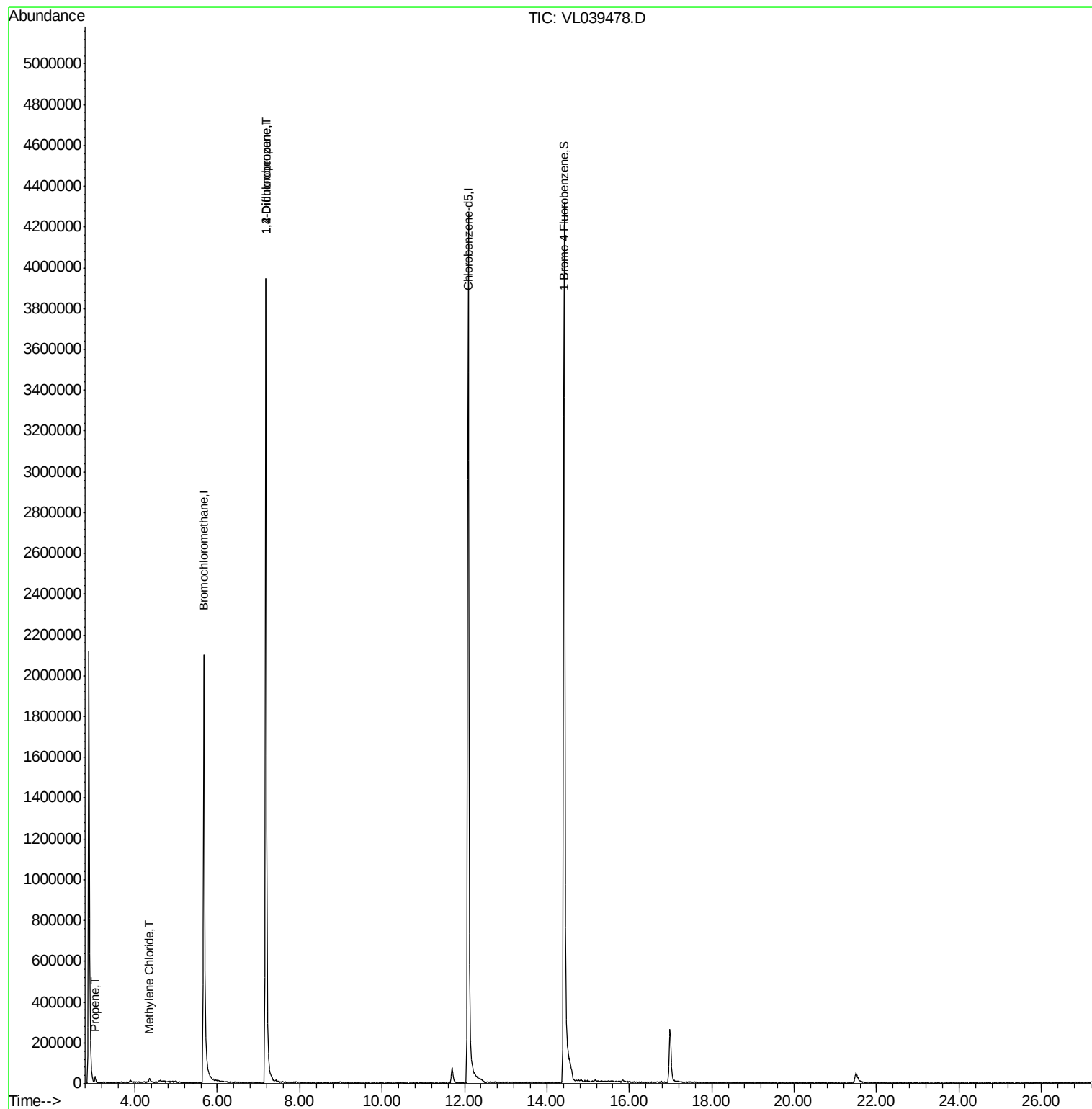
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	7025	0.10	ppbv	92
20) Methylene Chloride	4.35	84	3936	0.07	ppbv #	63
39) 1,2-Dichloropropane	7.18	63	842060	8.43	ppbv #	26

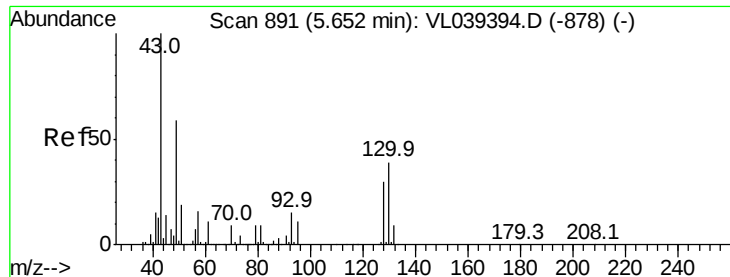
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. 0.02

Lab File: ClientSampleId: VIBLK

Acq: 14 Jul 2022 00:18

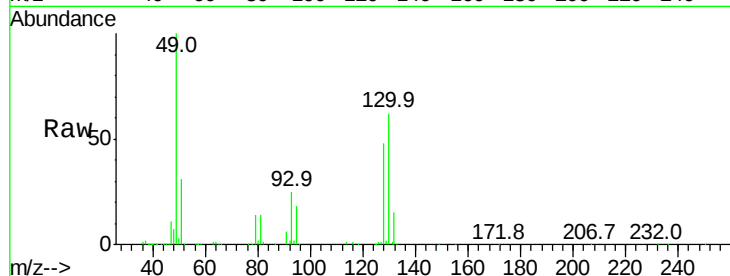
Tgt Ion: 49 Resp: 1249053

Ion Ratio Lower Upper

49 100

128 52.3 26.7 80.0

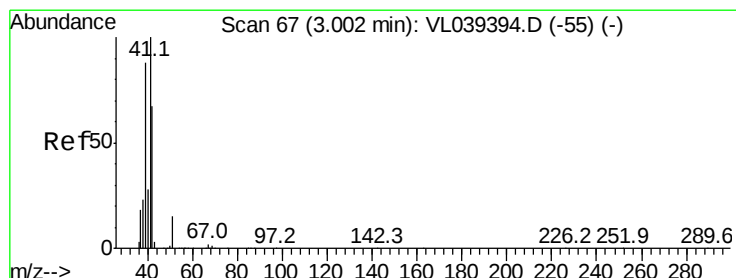
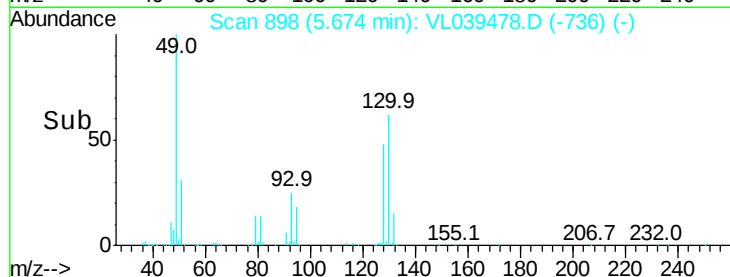
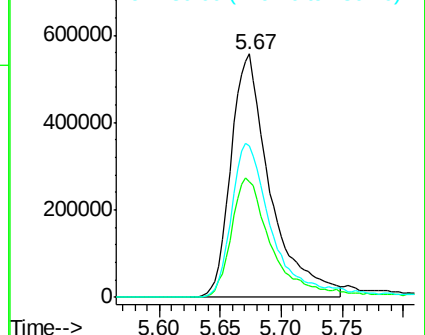
130 68.5 34.3 102.8



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: 0.10 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.02 min

Lab File: VL039478.D

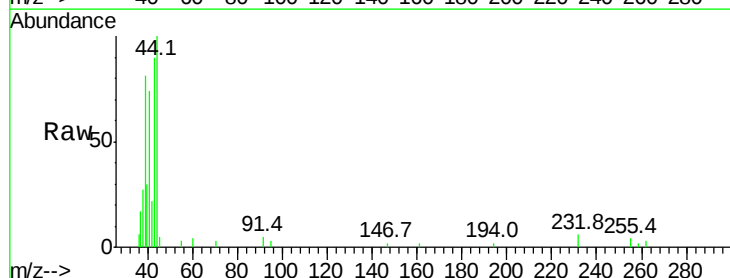
Acq: 14 Jul 2022 00:18

Tgt Ion: 41 Resp: 7025

Ion Ratio Lower Upper

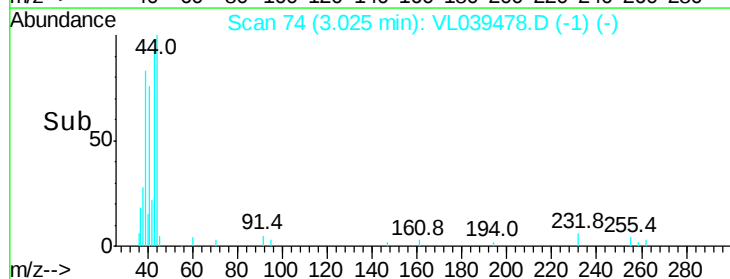
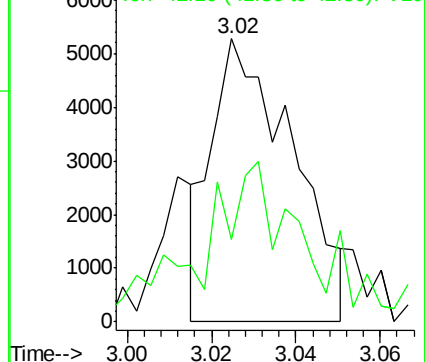
41 100

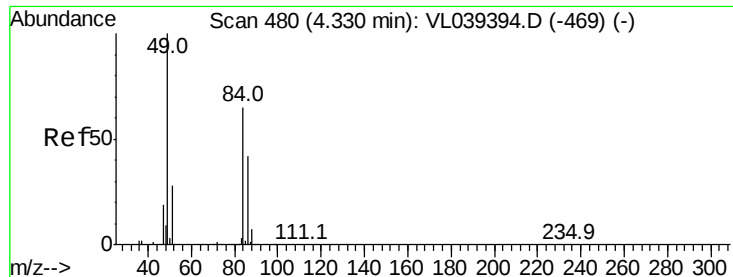
42 75.6 55.2 82.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

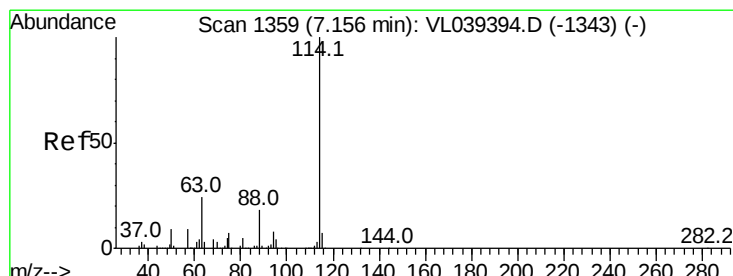
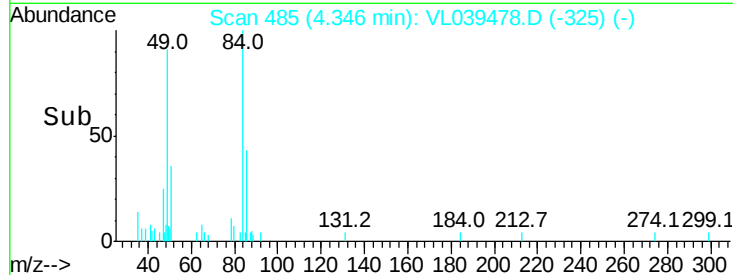
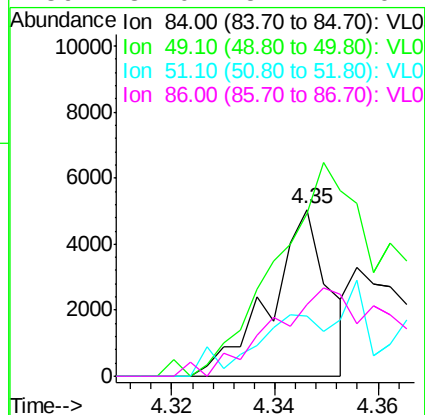
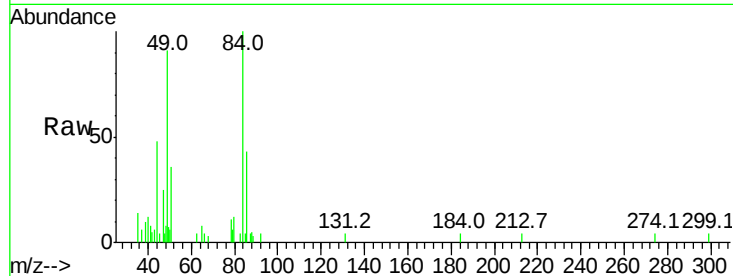
Ion 42.10 (41.80 to 42.80): VL0





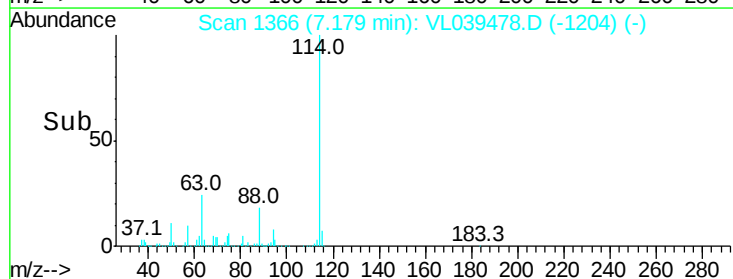
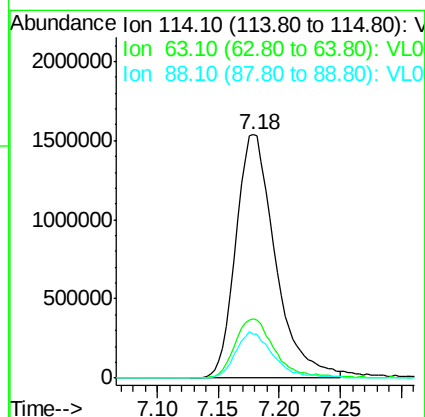
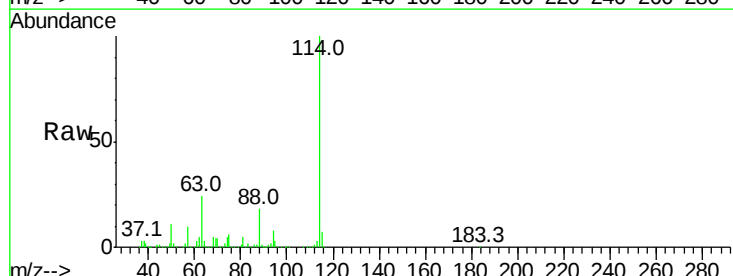
#20
Methylene Chloride
Concen: 0.07 ppbv
RT: 4.35
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Jul 2022 00:18

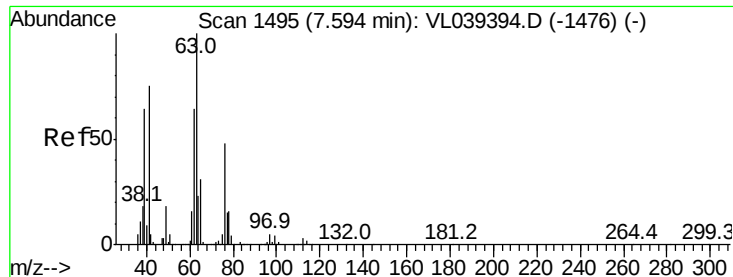
Tgt Ion:	84	Resp:	3936
Ion	Ratio	Lower	Upper
84	100		
49	97.7	123.1	184.7#
51	35.9	34.4	51.6
86	34.0	51.1	76.7#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.02 min
Lab File: VL039478.D
Acq: 14 Jul 2022 00:18

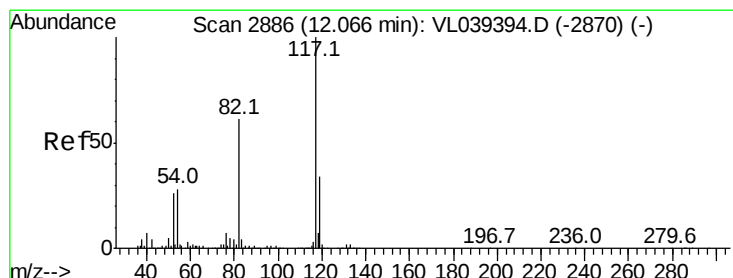
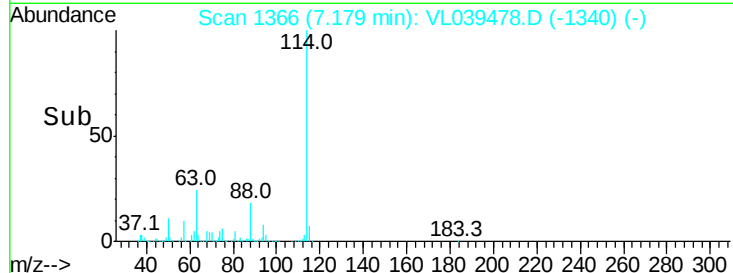
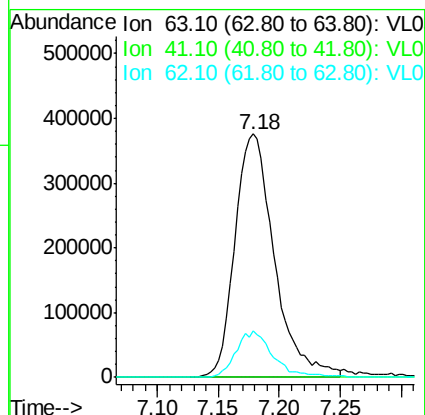
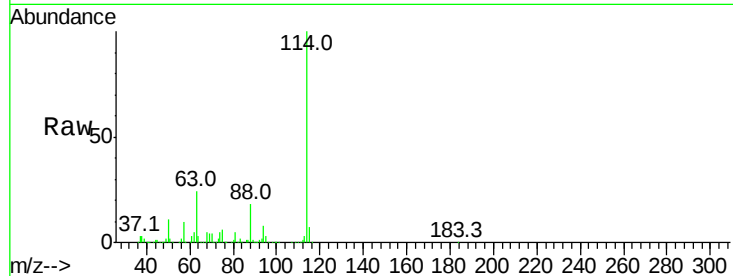
Tgt Ion:	114	Resp:	3454866
Ion	Ratio	Lower	Upper
114	100		
63	24.8	20.2	30.4
88	18.6	14.5	21.7





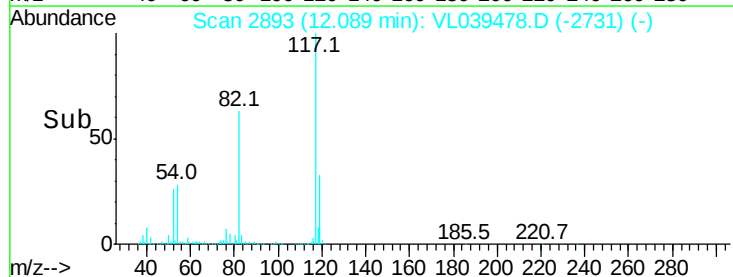
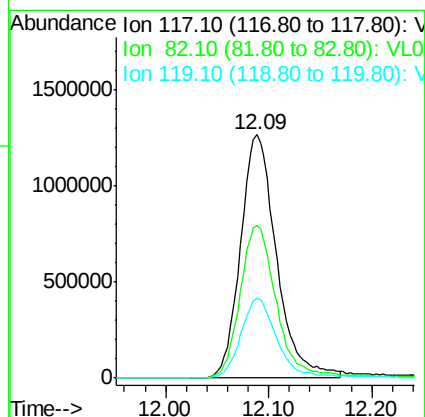
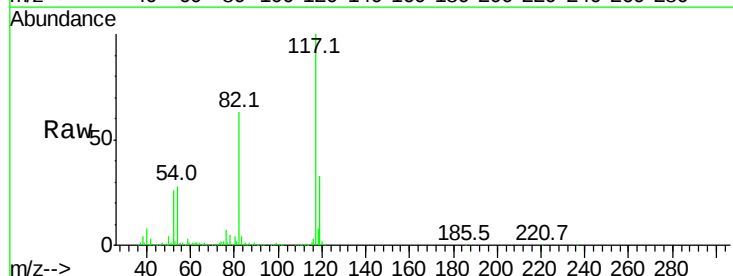
#39
 1,2-Dichloropropane
 Concen: 8.43 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 14 Jul 2022 00:18

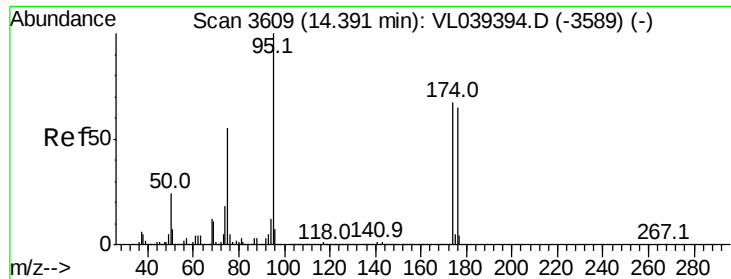
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.1	59.6	89.4#
62	19.0	51.4	77.0#



#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T.: 0.02 min
 Lab File: VL039478.D
 Acq: 14 Jul 2022 00:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	65.4	50.8	76.2
119	34.1	24.1	36.1





#68

1-Bromo-4-Fluorobenzene

Concen: 9.83 ppbv

RT: 14.42 Instrument:

Delta R.T MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Jul 2022 00:18

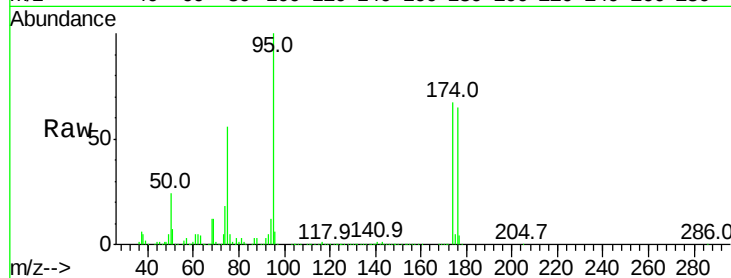
Tgt Ion: 95 Resp: 2244272

Ion Ratio Lower Upper

95 100

174 74.4 55.9 83.9

175 5.3 4.2 6.4



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

