

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038574.D
 Acq On : 9 Mar 2022 13:49
 Operator : SY/AP
 Sample : CAN 10266
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10266

Quant Time: Mar 10 00:31:21 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	905246	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	2334873	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	2044358	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1520306	9.78	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

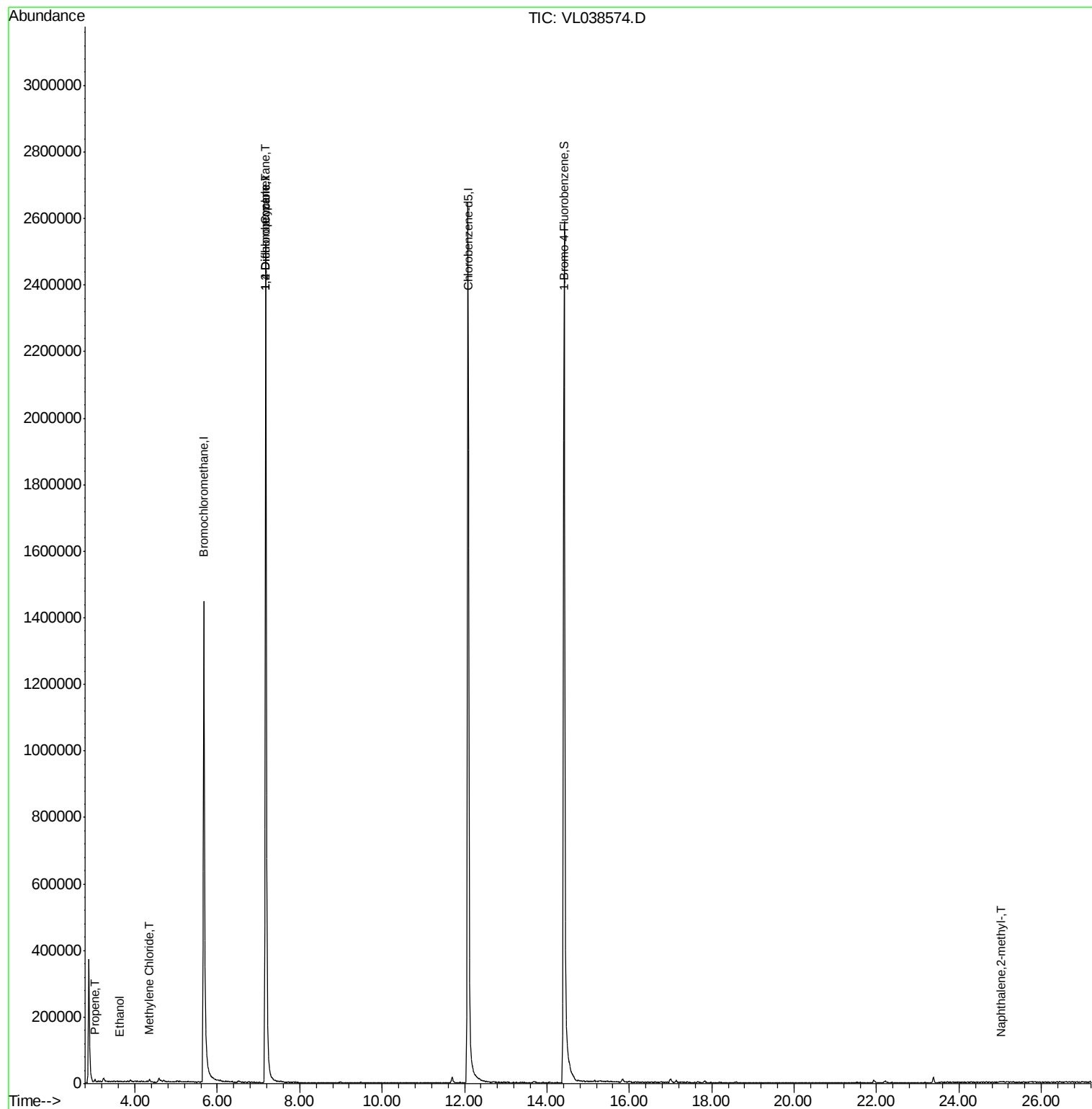
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	2025	0.04	ppbv	85
13) Ethanol	3.63	45	321	0.05	ppbv #	50
20) Methylene Chloride	4.35	84	1769	0.05	ppbv #	70
30) Cyclohexane	7.16	84	3017	0.03	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	543248	6.70	ppbv #	26
80) Naphthalene,2-methyl-	25.01	142	1220	0.03	ppbv #	54

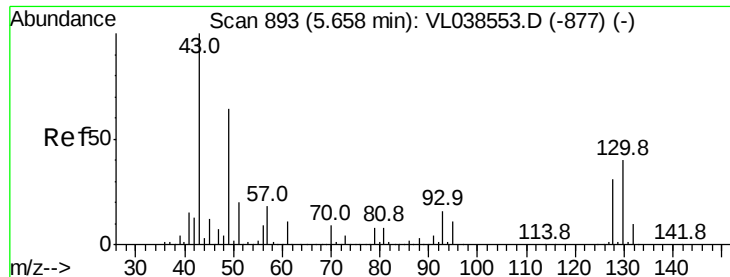
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 13:49

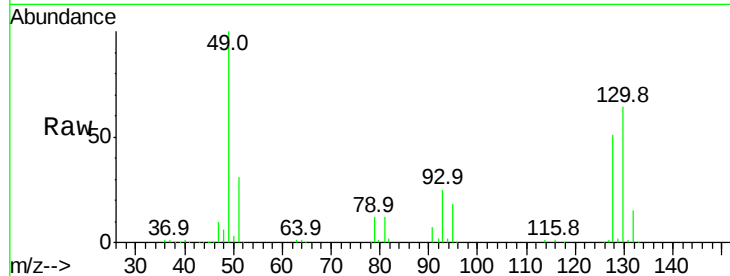
Tgt Ion: 49 Resp: 905246

Ion Ratio Lower Upper

49 100

128 53.5 26.4 79.2

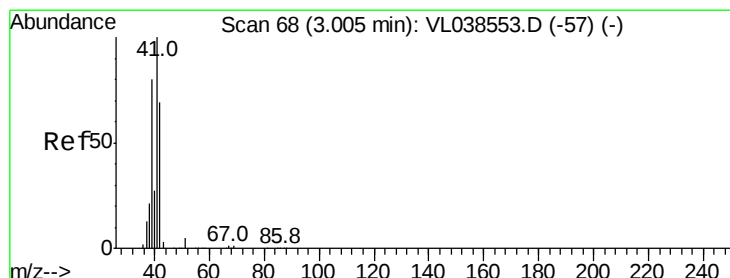
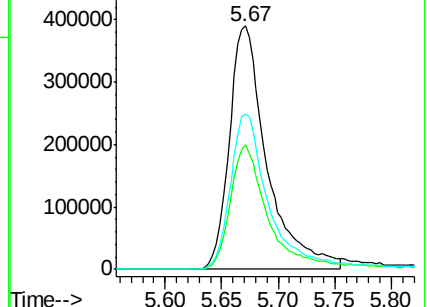
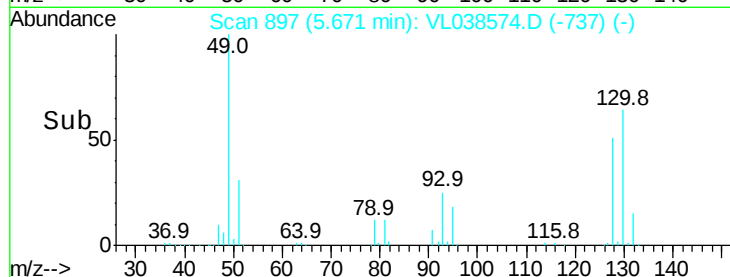
130 68.1 33.0 98.9



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: 3.03 min Scan# 76

Delta R.T. 0.03 min

Lab File: VL038574.D

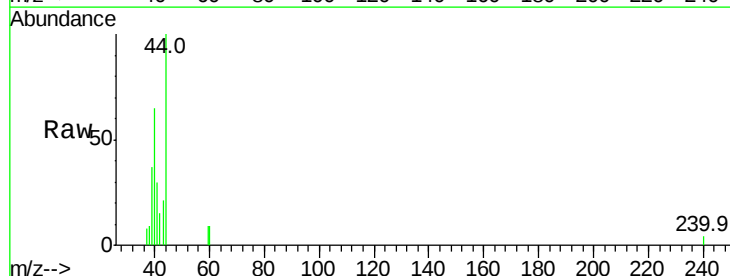
Acq: 9 Mar 2022 13:49

Tgt Ion: 41 Resp: 2025

Ion Ratio Lower Upper

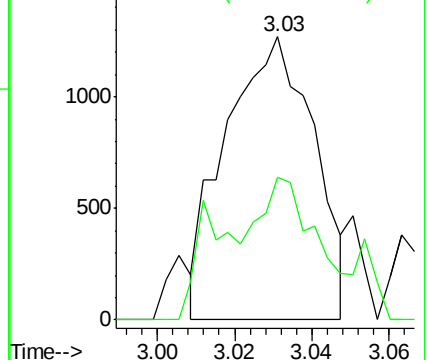
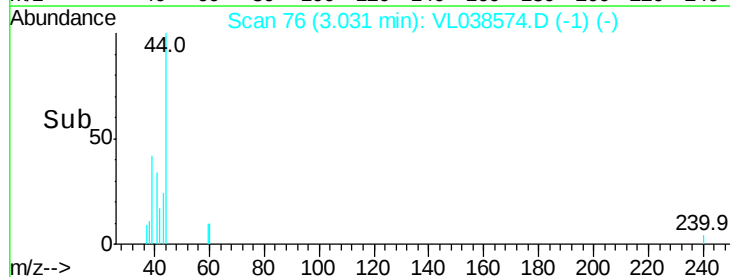
41 100

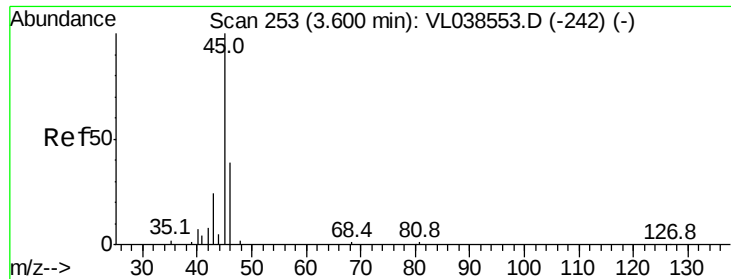
42 57.4 55.7 83.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

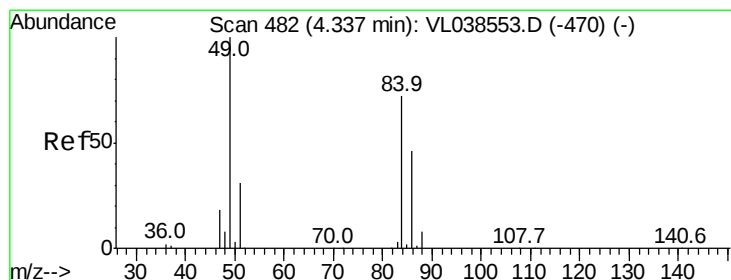
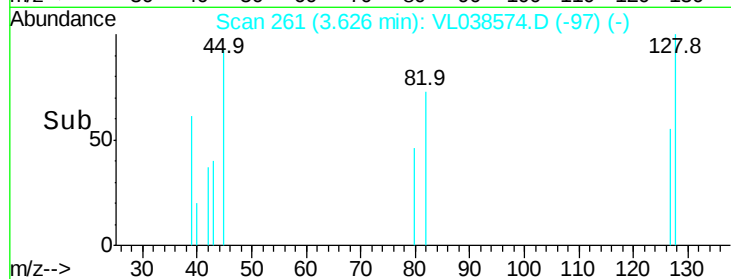
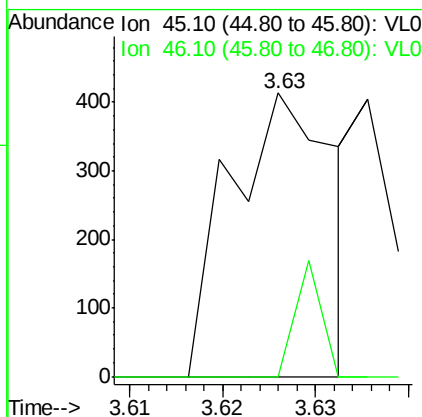
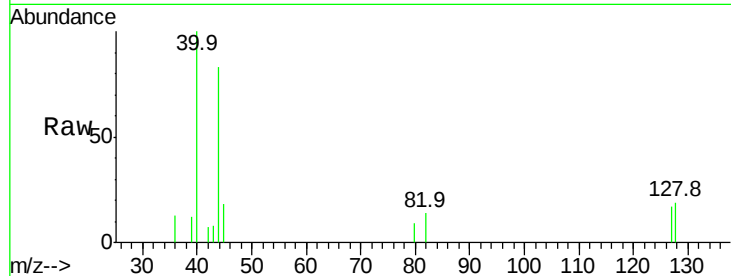
Ion 42.10 (41.80 to 42.80): VL0





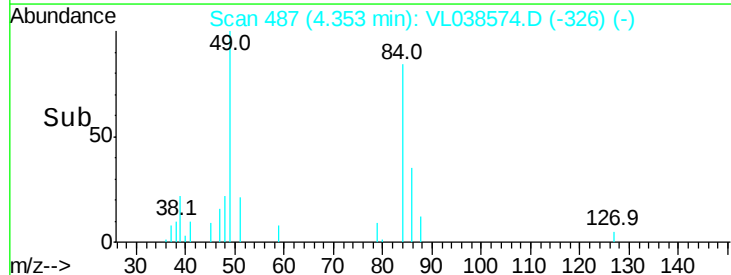
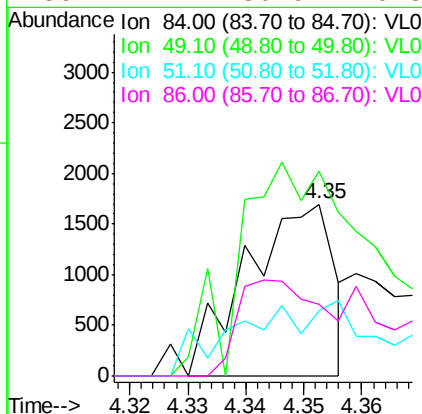
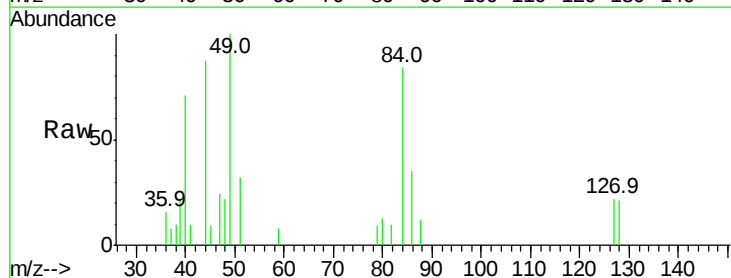
#13
Ethanol
Concen: 0.05 ppbv
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Mar 2022 13:49

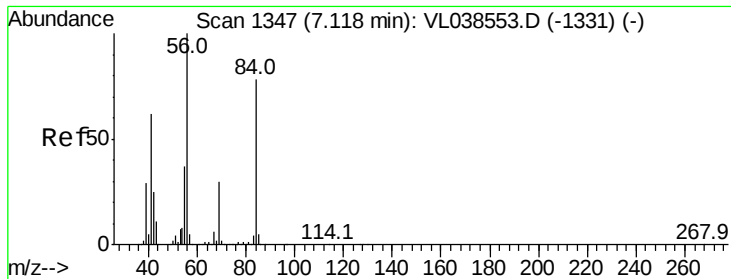
Tgt Ion: 45 Resp: 321
Ion Ratio Lower Upper
45 100
46 10.3 16.8 67.0#



#20
Methylene Chloride
Concen: 0.05 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.02 min
Lab File: VL038574.D
Acq: 9 Mar 2022 13:49

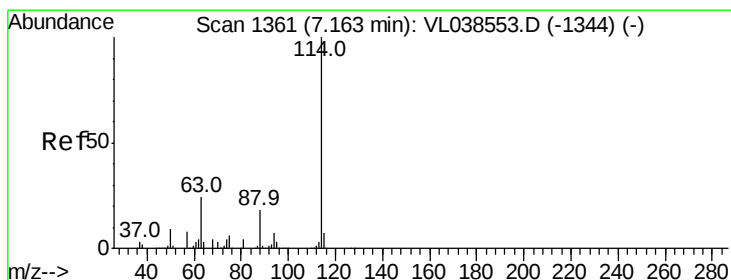
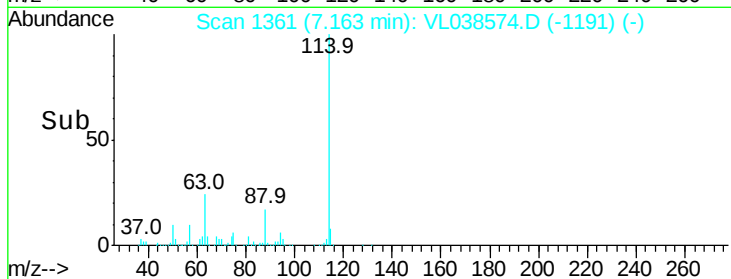
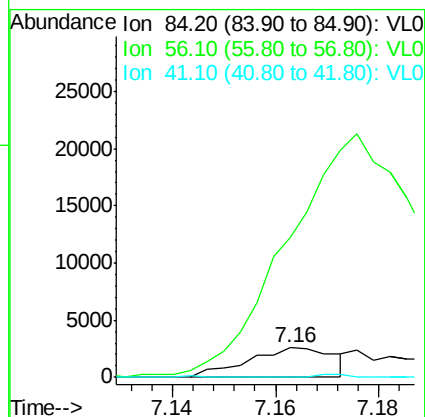
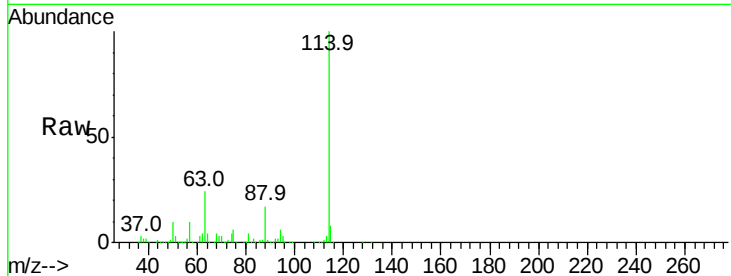
Tgt Ion: 84 Resp: 1769
Ion Ratio Lower Upper
84 100
49 108.1 111.1 166.7#
51 10.6 34.0 51.0#
86 41.7 50.9 76.3#





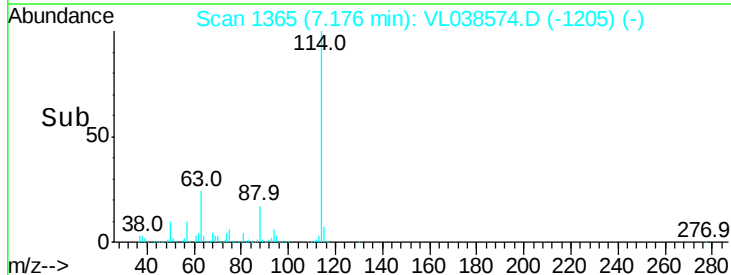
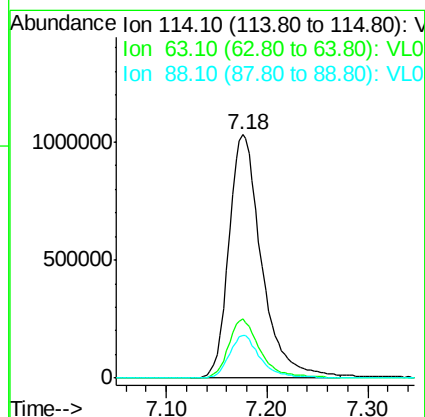
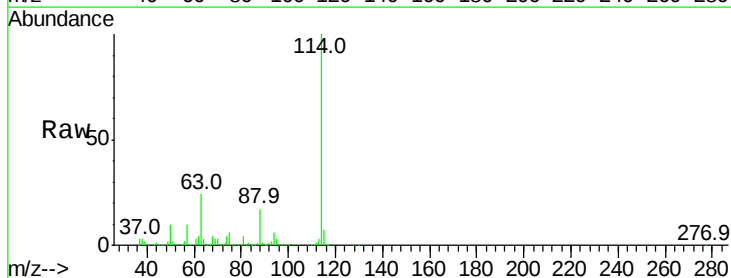
#30
Cyclohexane
Concen: 0.03 ppbv
RT: 7.16 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 9 Mar 2022 13:49

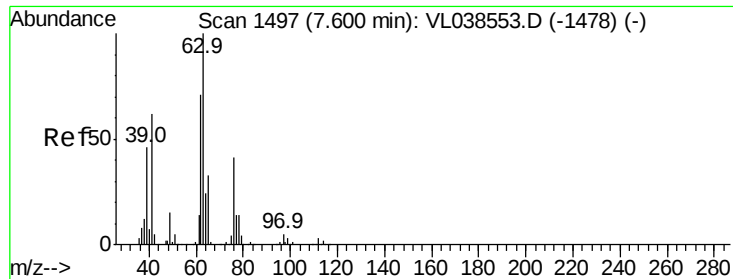
Tgt Ion: 84 Resp: 3017
Ion Ratio Lower Upper
84 100
56 0.0 111.4 167.0#
41 0.0 65.5 98.3#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.01 min
Lab File: VL038574.D
Acq: 9 Mar 2022 13:49

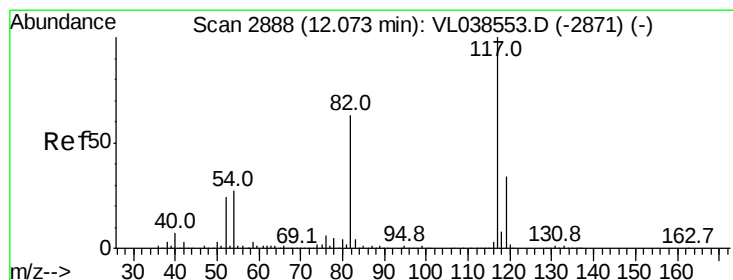
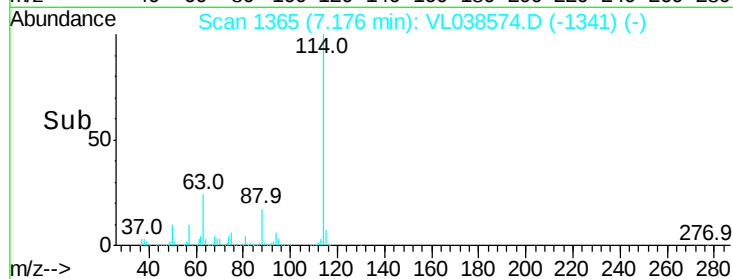
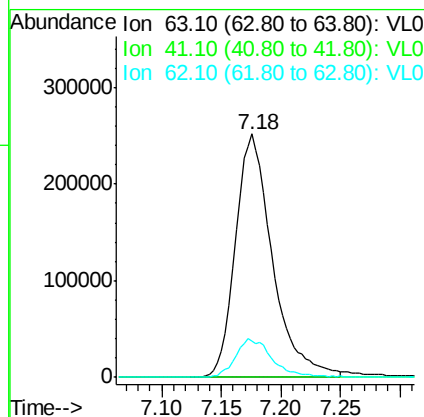
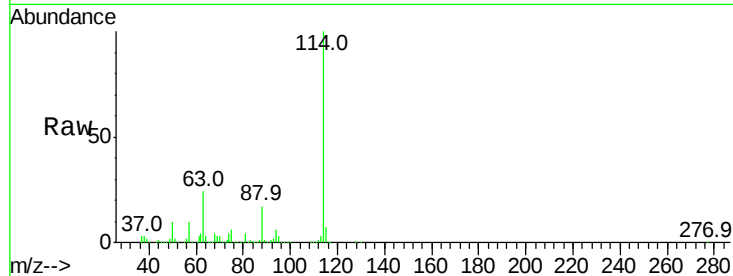
Tgt Ion: 114 Resp: 2334873
Ion Ratio Lower Upper
114 100
63 23.9 19.6 29.4
88 17.0 13.9 20.9





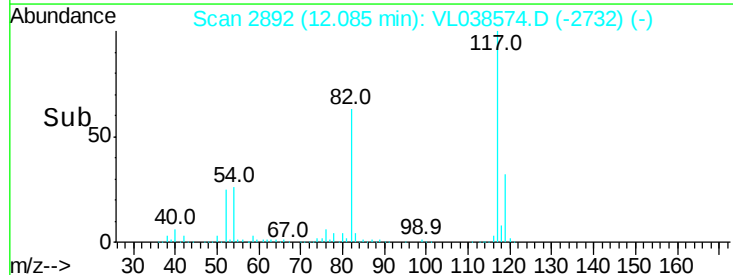
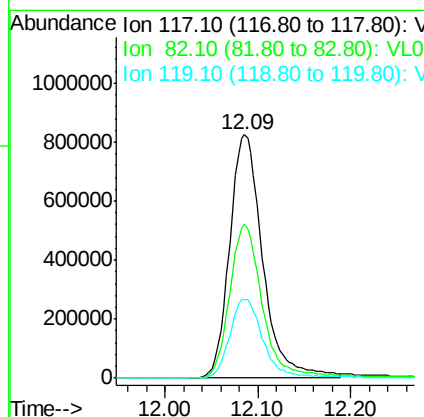
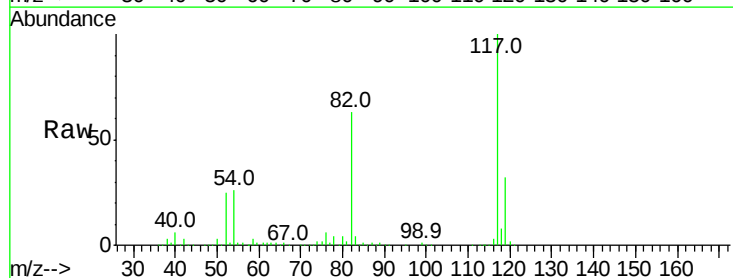
#39
 1,2-Dichloropropane
 Concen: 6.70 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 13:49

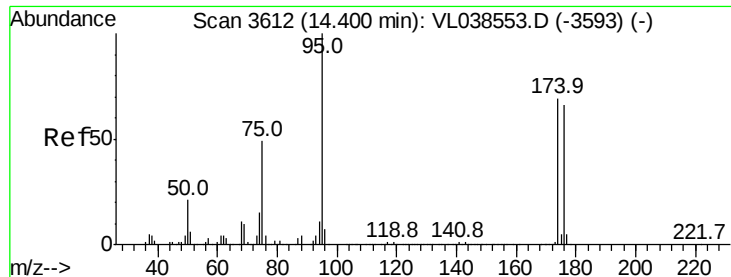
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	15.0	56.7	85.1#



#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T. 0.01 min
 Lab File: VL038574.D
 Acq: 9 Mar 2022 13:49

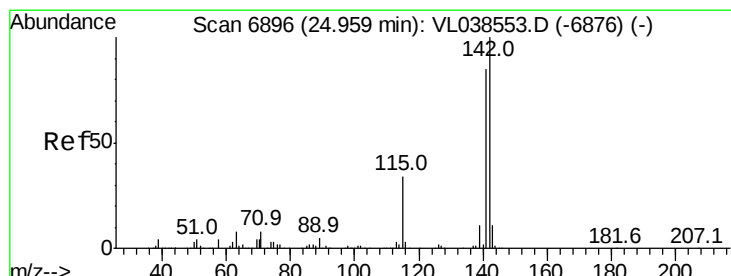
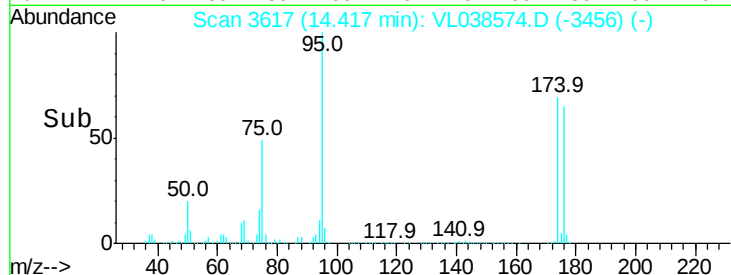
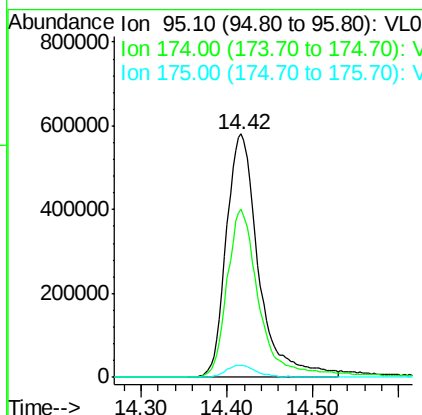
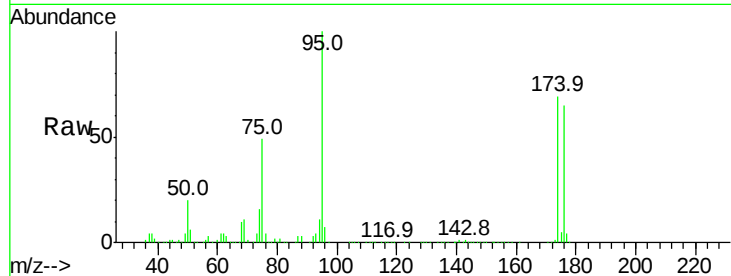
Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.5	52.5	78.7
119	33.2	46.4	69.6#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.78 ppbv
 RT: 14.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 13:49

Tgt Ion: 95 Resp: 1520306
 Ion Ratio Lower Upper
 95 100
 174 70.8 56.2 84.4
 175 5.1 4.2 6.2



#80
 Naphthalene, 2-methyl-
 Concen: 0.03 ppbv
 RT: 25.01 min Scan# 6913
 Delta R.T. 0.05 min
 Lab File: VL038574.D
 Acq: 9 Mar 2022 13:49

Tgt Ion: 142 Resp: 1220
 Ion Ratio Lower Upper
 142 100
 141 130.0 68.4 102.6#
 115 11.0 27.9 41.9#

