

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041122\
 Data File : VL038872.D
 Acq On : 11 Apr 2022 16:22
 Operator : SY/AP
 Sample : N2339-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INFLUENTDL

Quant Time: Apr 12 02:48:36 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1297085	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3159948	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2732760	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2251697	10.86	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.60%

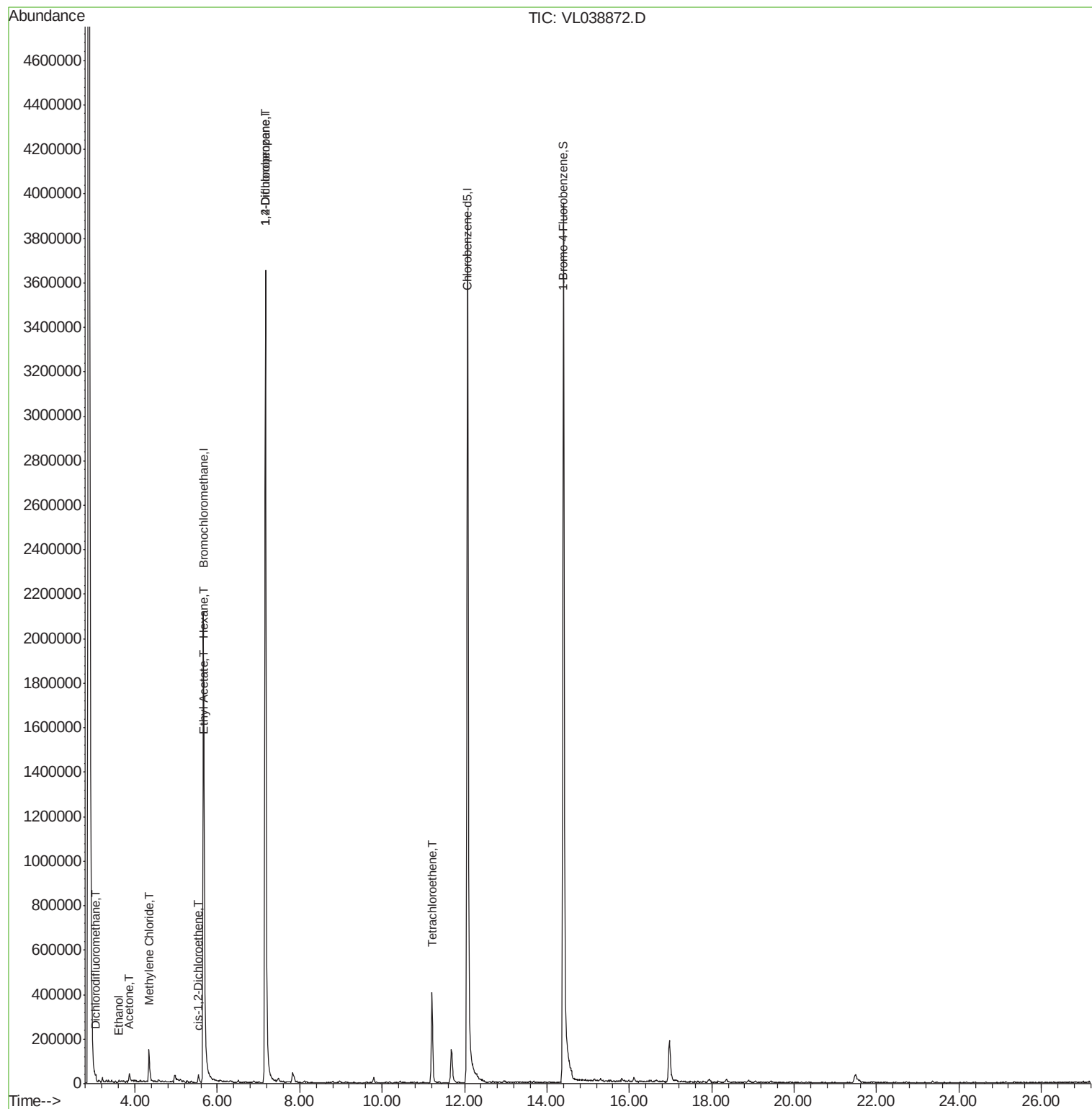
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	10821	0.059	ppbv #	88
13) Ethanol	3.60	45	1350	0.265	ppbv #	100
15) Acetone	3.86	43	29273	0.227	ppbv #	59
20) Methylene Chloride	4.34	84	29840	0.637	ppbv	88
25) Ethyl Acetate	5.69	43	43534	0.133	ppbv #	75
26) Hexane	5.68	57	62373	0.418	ppbv #	41
31) cis-1,2-Dichloroethene	5.54	61	20208	0.147	ppbv #	80
39) 1,2-Dichloropropane	7.17	63	807787	7.347	ppbv #	28
52) Tetrachloroethene	11.21	164	98600	0.982	ppbv	98

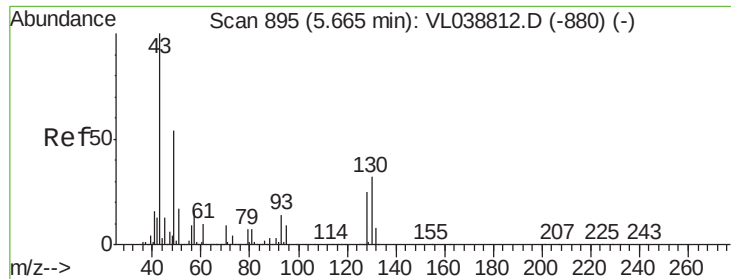
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041122\
Data File : VL038872.D
Acq On : 11 Apr 2022 16:22
Operator : SY/AP
Sample : N2339-02DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

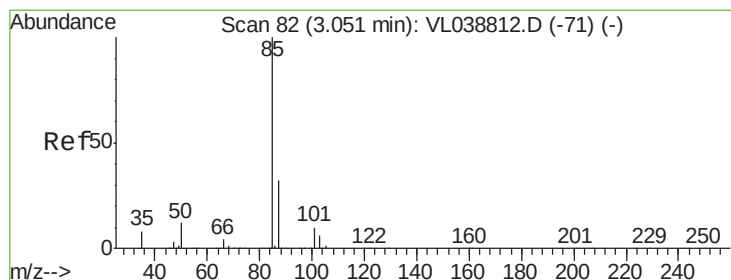
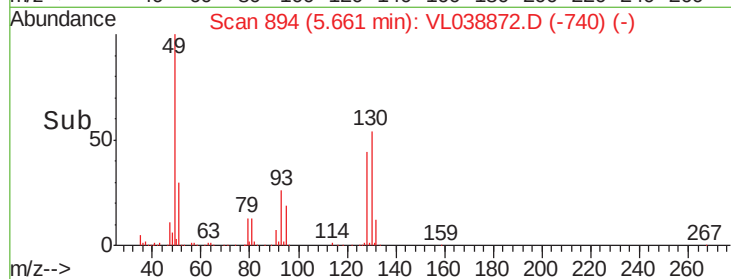
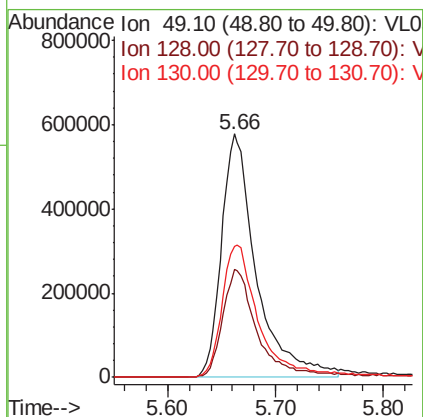
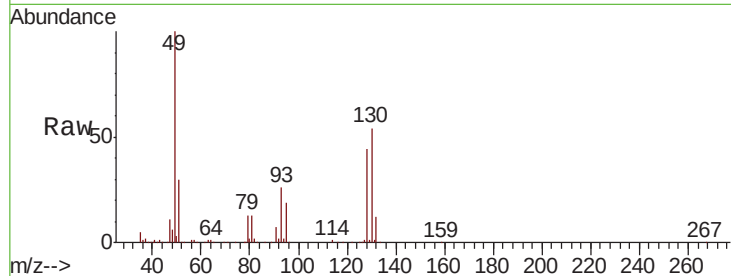
Quant Time: Apr 12 02:48:36 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration





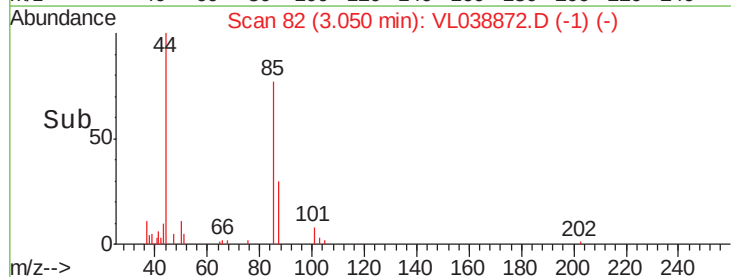
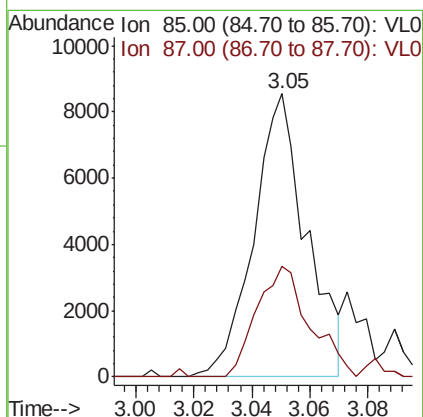
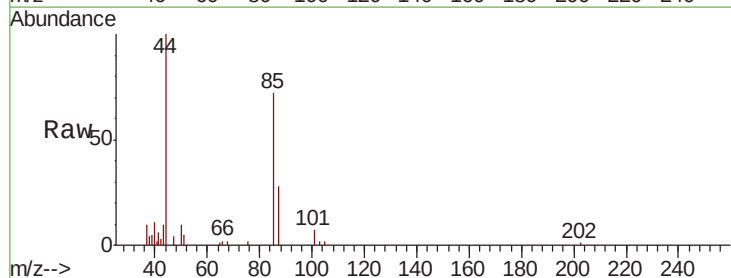
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 11 Apr 2022 16:22

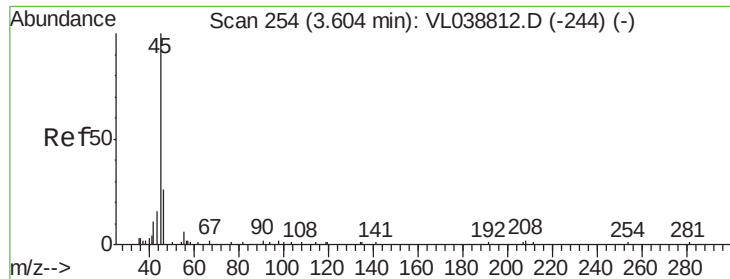
Tot Ion: 49 Resp: 1297085
 Ion Ratio Lower Upper
 49 100
 128 46.0 24.1 72.3
 130 59.4 30.9 92.8



#2
 Dichlorodifluoromethane
 Concen: 0.059 ppbv
 RT: 3.05 min Scan# 82
 Delta R.T.: -0.00 min
 Lab File: VL038872.D
 Acq: 11 Apr 2022 16:22

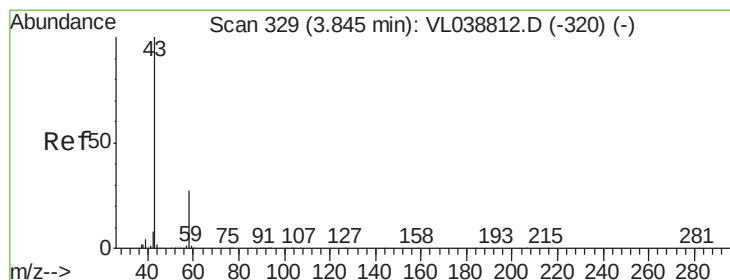
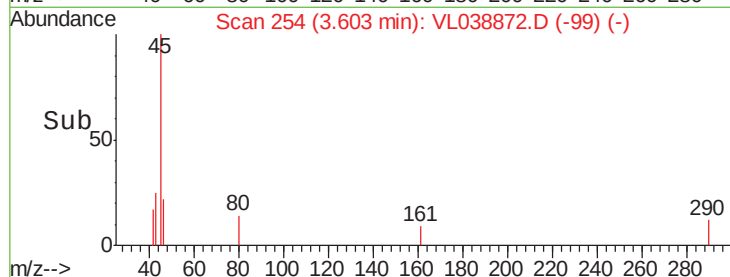
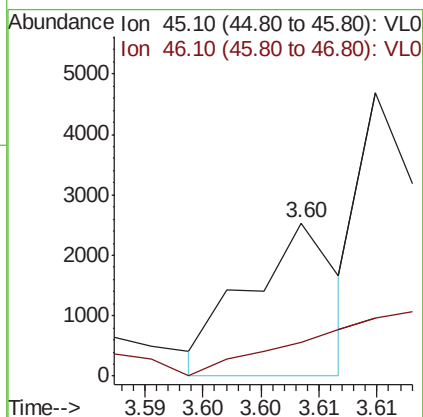
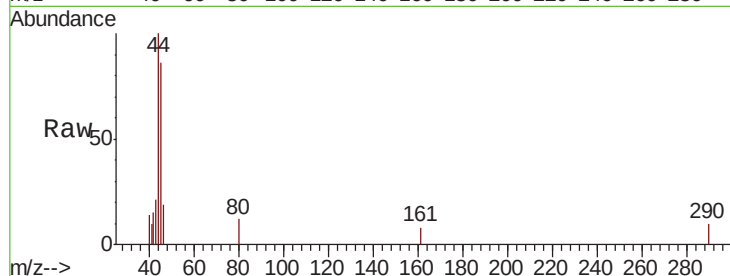
Tgt Ion: 85 Resp: 10821
 Ion Ratio Lower Upper
 85 100
 87 38.9 25.9 38.9#





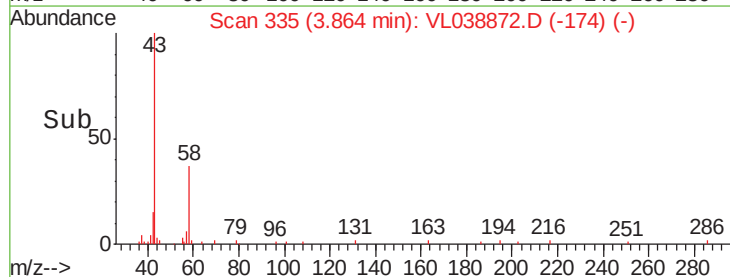
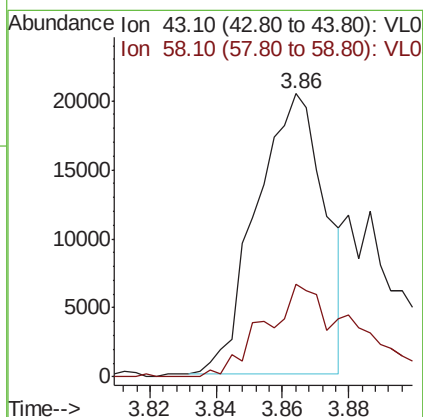
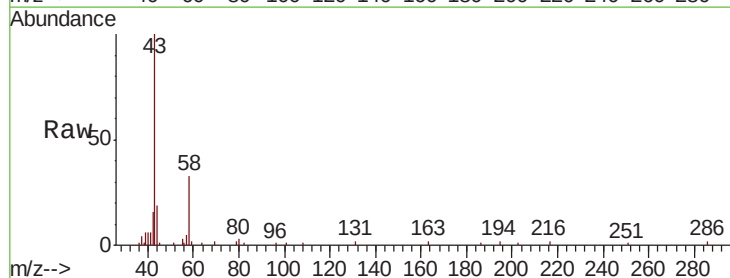
#13
Ethanol
Concen: 0.265 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 11 Apr 2022 16:22

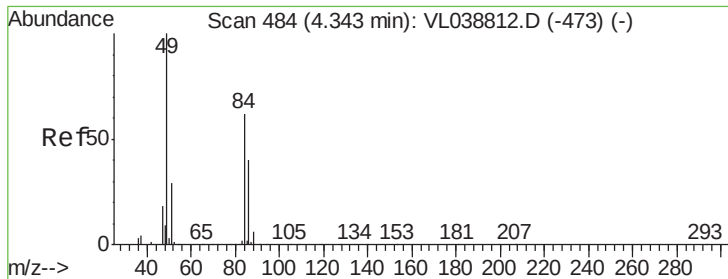
Tot Ion: 45 Resp: 1350
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0



#15
Acetone
Concen: 0.227 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.02 min
Lab File: VL038872.D
Acq: 11 Apr 2022 16:22

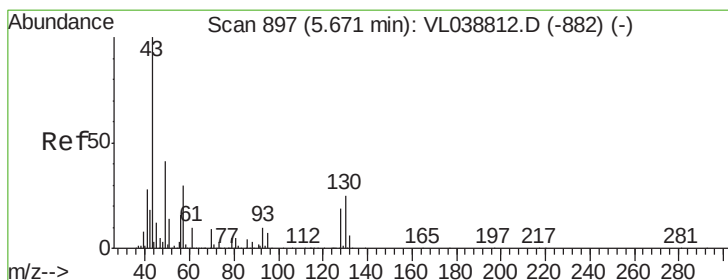
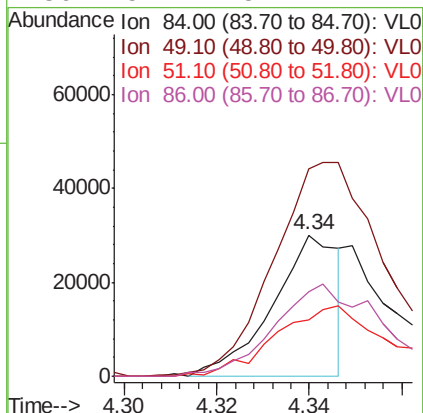
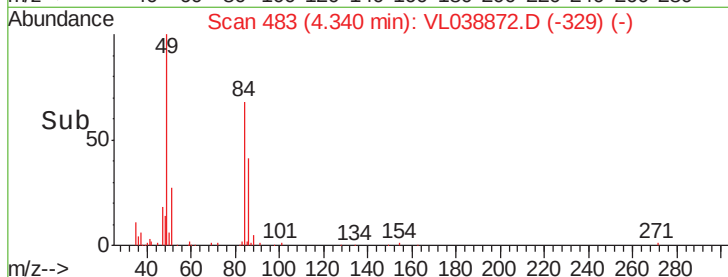
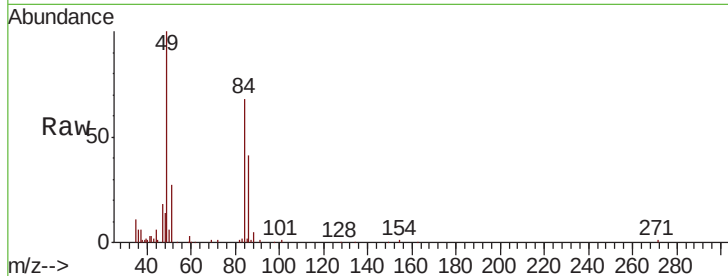
Tgt Ion: 43 Resp: 29273
Ion Ratio Lower Upper
43 100
58 49.5 22.5 33.7#





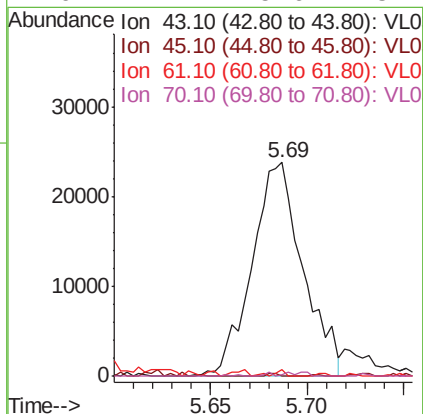
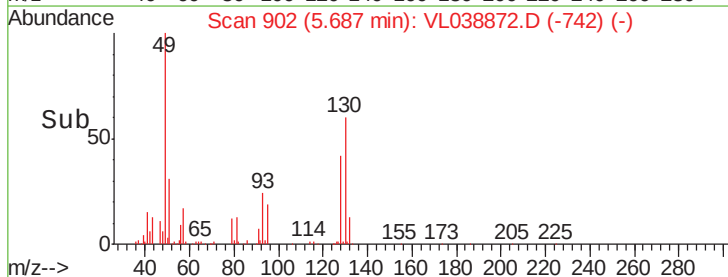
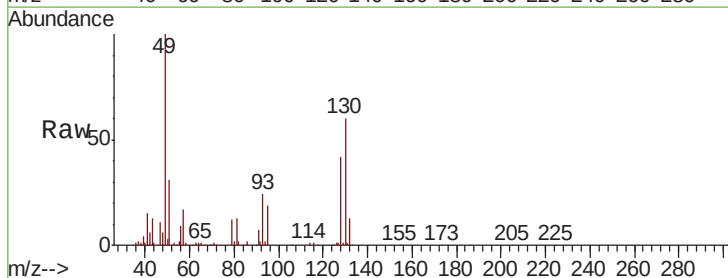
#20
Methylene Chloride
Concen: 0.637 ppbv
RT: 4.34
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 11 Apr 2022 16:22

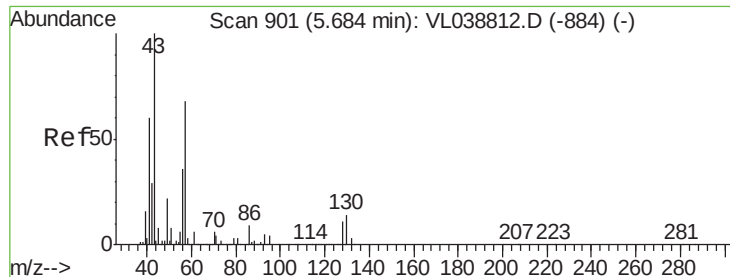
Tot Ion:	84	Resp:	29840
Ion	Ratio	Lower	Upper
84	100		
49	144.1	129.4	194.0
51	37.7	37.4	56.2
86	57.4	51.4	77.2



#25
Ethyl Acetate
Concen: 0.133 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.02 min
Lab File: VL038872.D
Acq: 11 Apr 2022 16:22

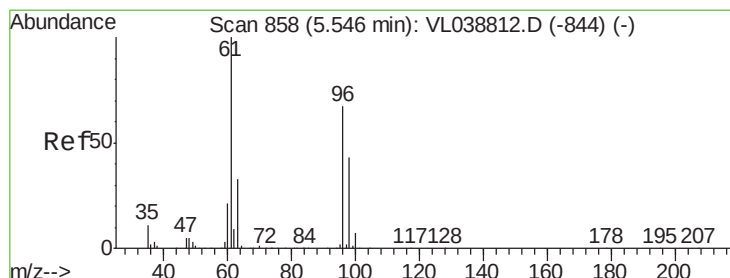
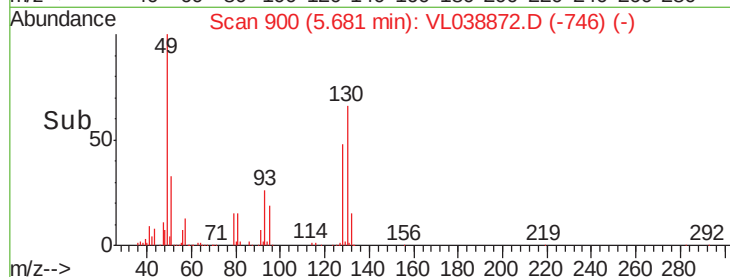
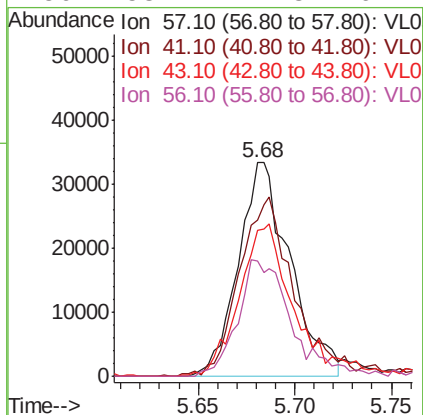
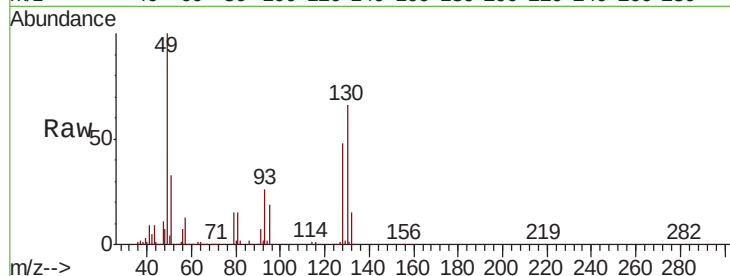
Tgt Ion:	43	Resp:	43534
Ion	Ratio	Lower	Upper
43	100		
45	0.2	8.4	12.6#
61	0.0	7.9	11.9#
70	1.1	5.6	8.4#





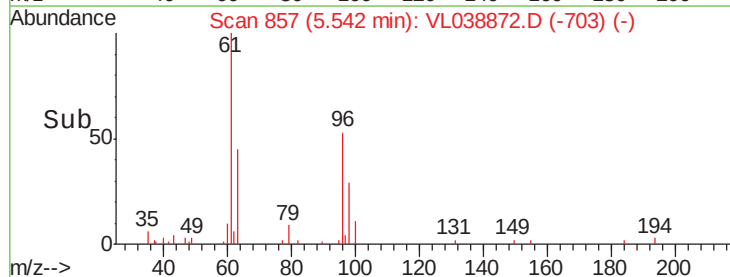
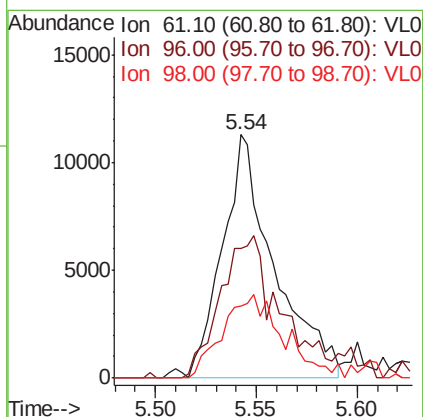
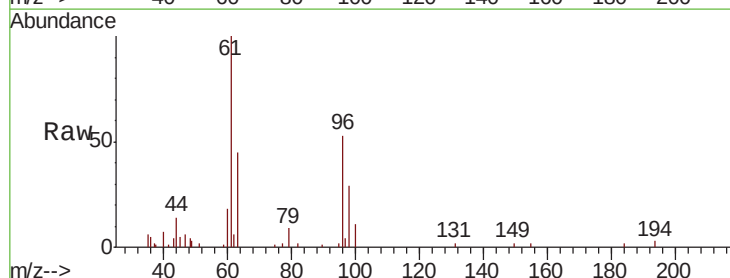
#26
Hexane
Concen: 0.418 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 11 Apr 2022 16:22

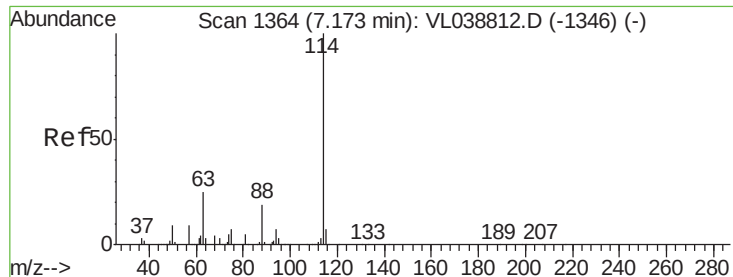
Tot Ion: 57	Resp: 62373
Ion Ratio	Lower Upper
57 100	
41 92.9	72.0 108.0
43 78.1	186.6 280.0#
56 58.1	42.8 64.2



#31
cis-1,2-Dichloroethene
Concen: 0.147 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.00 min
Lab File: VL038872.D
Acq: 11 Apr 2022 16:22

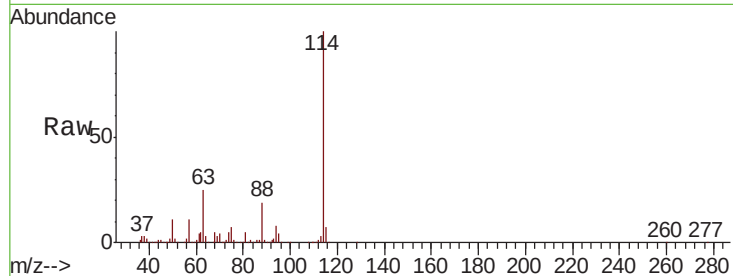
Tgt	Ion: 61	Resp:	20208
Ion	Ratio	Lower	Upper
61	100		
96	51.3	53.4	80.0#
98	29.4	34.2	51.4#



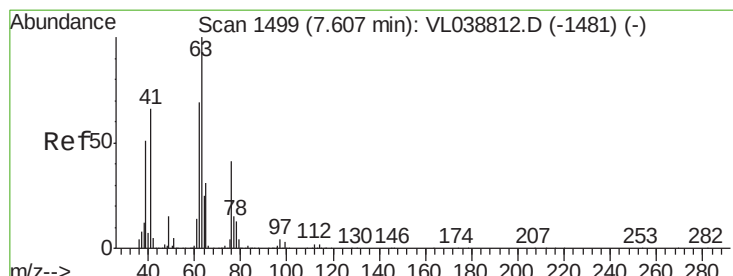
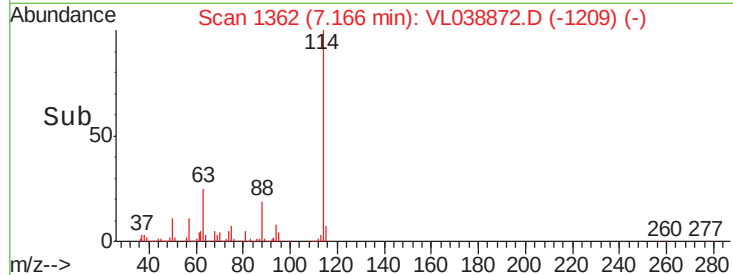
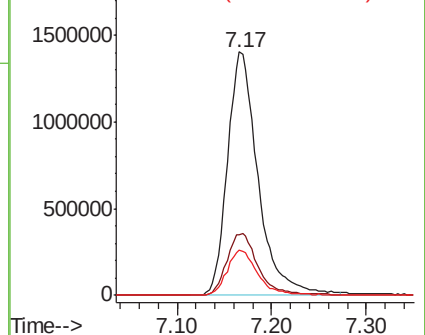


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 11 Apr 2022 16:22

Tot Ion	114	Resp: 3159948	
Ion	Ratio	Lower	Upper
114	100		
63	26.5	19.8	29.8
88	18.9	14.2	21.4

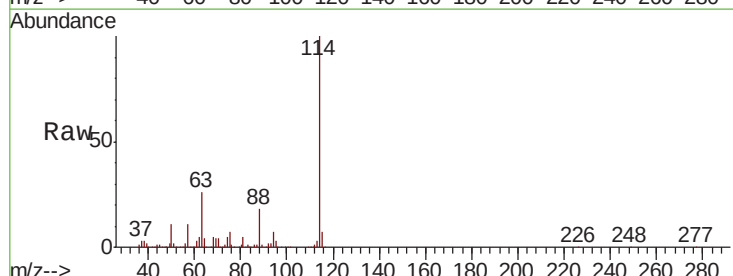


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

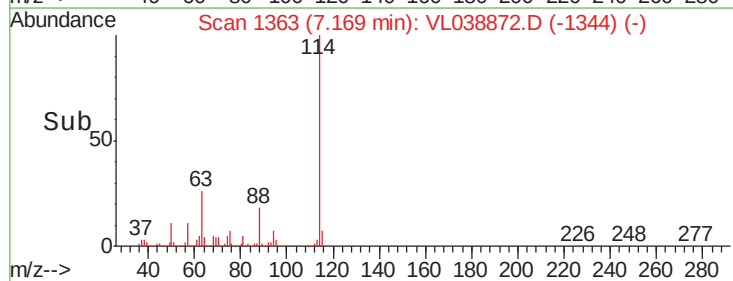
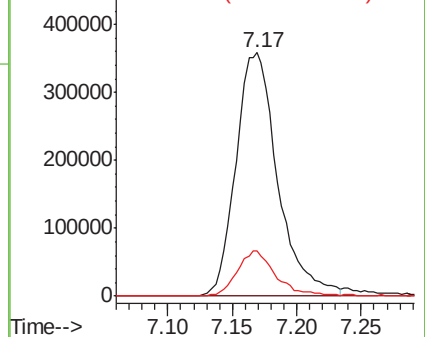


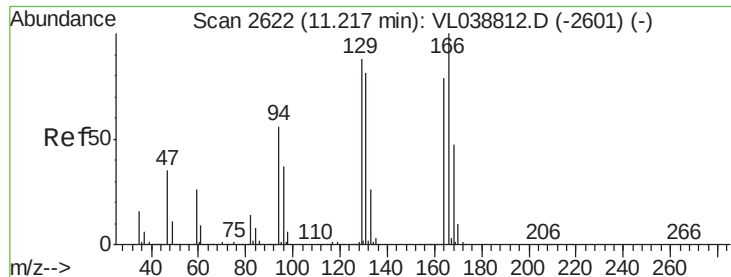
#39
 1,2-Dichloropropane
 Concen: 7.347 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.44 min
 Lab File: VL038872.D
 Acq: 11 Apr 2022 16:22

Tgt	Ion: 63	Resp:	807787
Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.0	79.6#
62	18.6	55.0	82.4#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#52

Tetrachloroethene

Concen: 0.982 ppbv

RT: 11.21 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 11 Apr 2022 16:22

Tot Ion:164 Resp: 98600

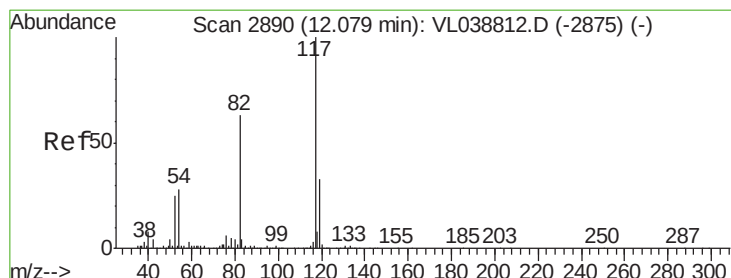
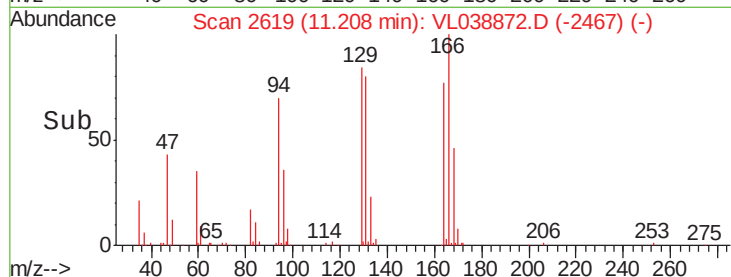
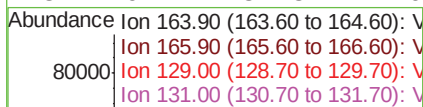
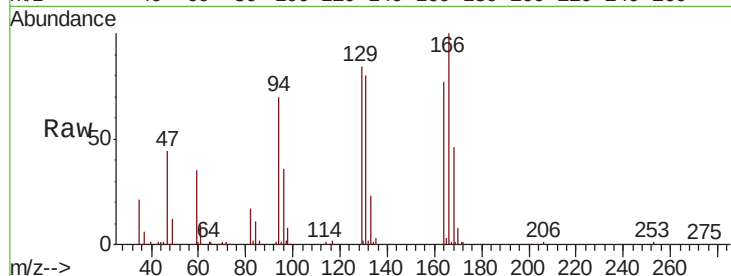
Ion Ratio Lower Upper

164 100

166 129.7 101.0 151.6

129 108.6 88.7 133.1

131 104.2 81.8 122.6



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2888

Delta R.T. -0.01 min

Lab File: VL038872.D

Acq: 11 Apr 2022 16:22

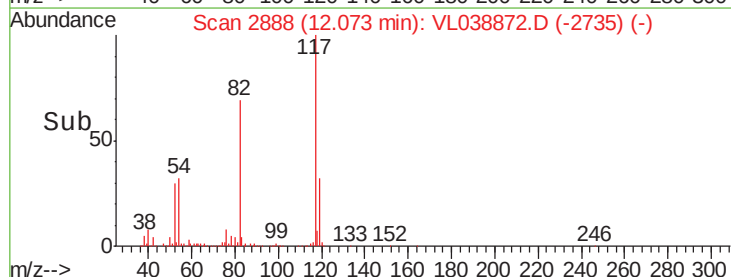
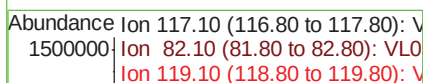
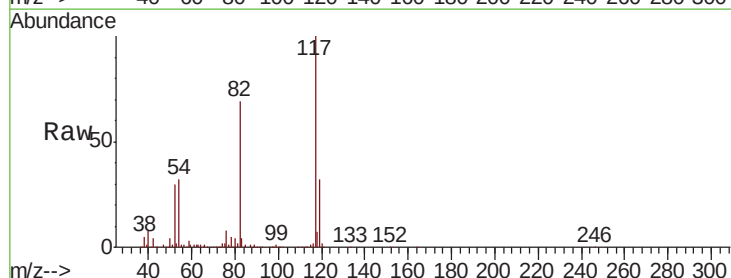
Tgt Ion:117 Resp: 2732760

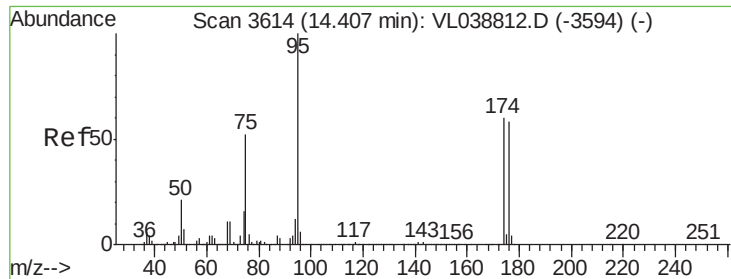
Ion Ratio Lower Upper

117 100

82 75.3 53.0 79.6

119 34.6 24.9 37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.863 ppbv

RT: 14.40 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Apr 2022 10.22 SVE-INFLUENTDL

Tot Ion: 95 Resp: 2251697

Ion Ratio Lower Upper

95 100

174 63.7 52.0 78.0

175 4.5 4.0 6.0

