

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
 Data File : VL038754.D
 Acq On : 24 Mar 2022 18:58
 Operator : SY/AP
 Sample : N2048-01DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P93DL2

Quant Time: Mar 25 02:09:55 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	806361	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2156638	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	1869595	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1380584	9.63	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

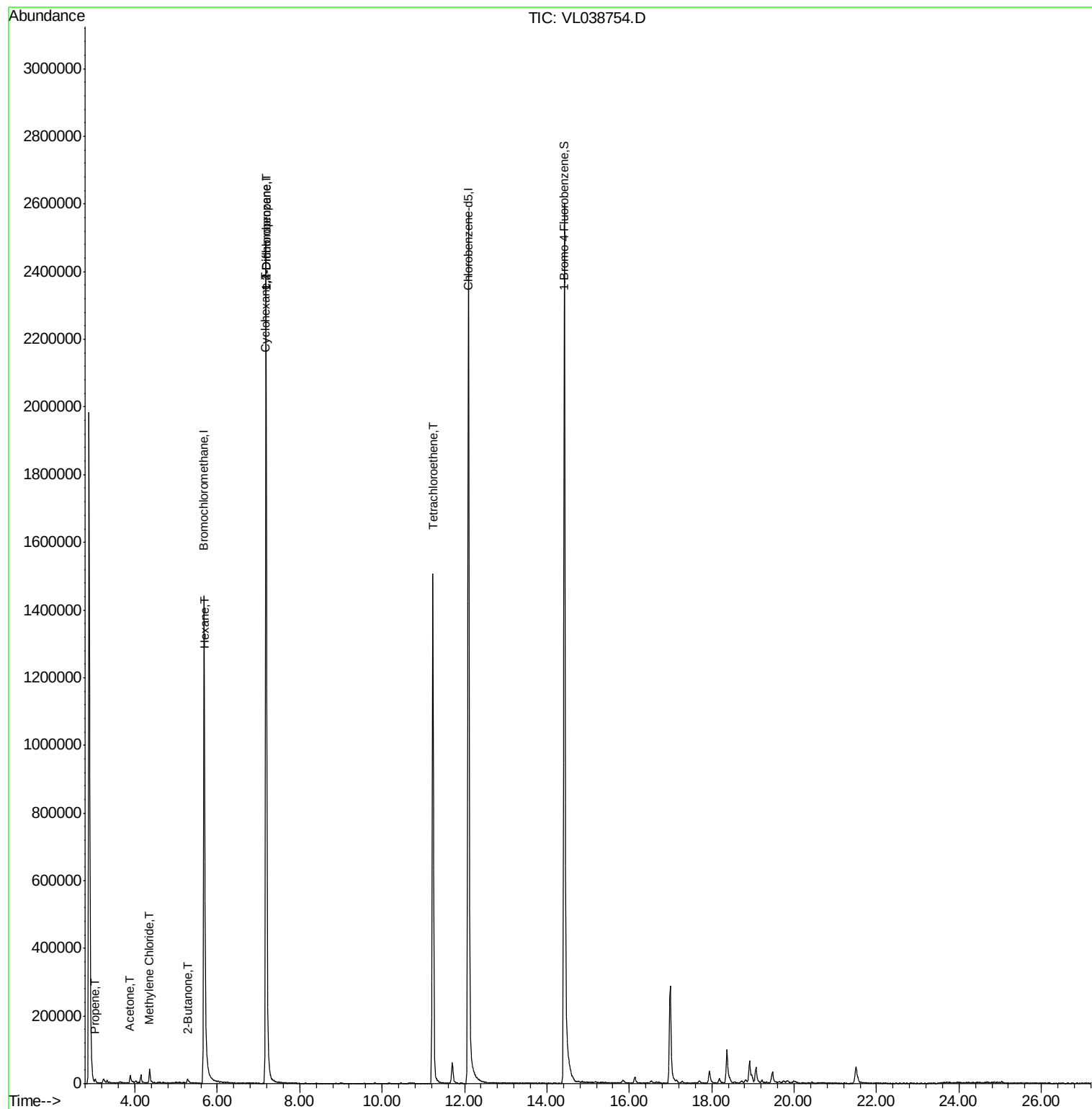
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	1999	0.05	ppbv #	45
15) Acetone	3.89	43	24574	0.35	ppbv #	77
20) Methylene Chloride	4.35	84	8035	0.27	ppbv	94
26) Hexane	5.70	57	7311	0.09	ppbv #	37
30) Cyclohexane	7.17	84	2755	0.04	ppbv #	1
34) 2-Butanone	5.28	43	13609	0.16	ppbv #	80
39) 1,2-Dichloropropane	7.18	63	495759	7.62	ppbv #	29
52) Tetrachloroethene	11.23	164	393554	6.46	ppbv	97

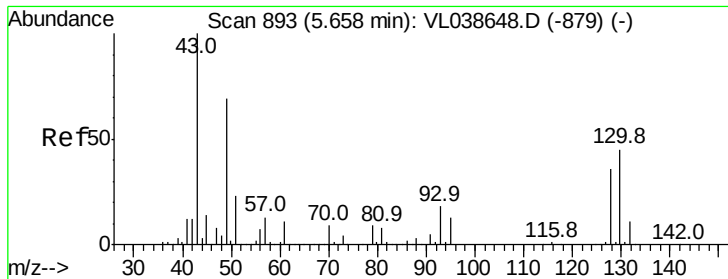
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
Data File : VL038754.D
Acq On : 24 Mar 2022 18:58
Operator : SY/AP
Sample : N2048-01DL2 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0P93DL2

Quant Time: Mar 25 02:09:55 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Mar 2022 18:58 C0P93DL2

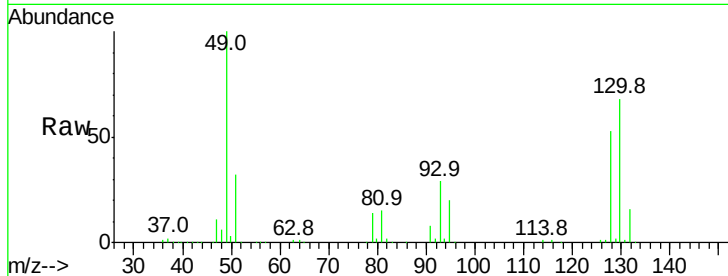
Tgt Ion: 49 Resp: 806361

Ion Ratio Lower Upper

49 100

128 57.5 26.2 78.6

130 73.2 33.7 101.1



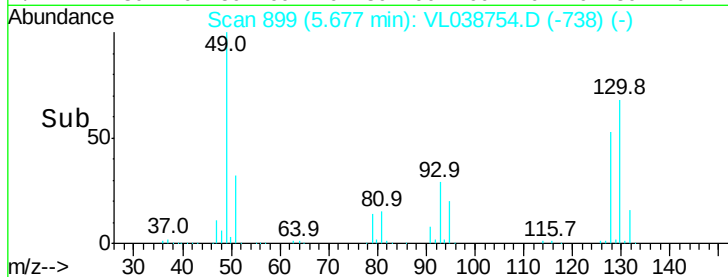
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

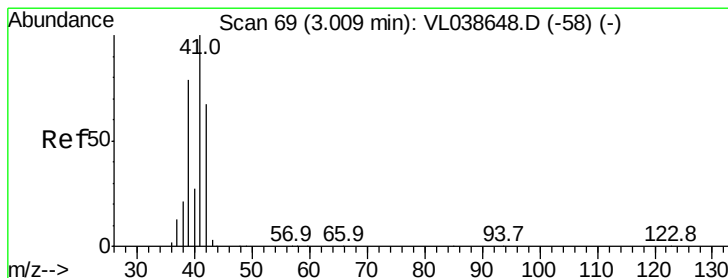
Ion 130.00 (129.70 to 130.70): VL0

5.68

Time-->



Time-->



#9

Propene

Concen: 0.05 ppbv

RT: 3.03 min Scan# 76

Delta R.T. 0.02 min

Lab File: VL038754.D

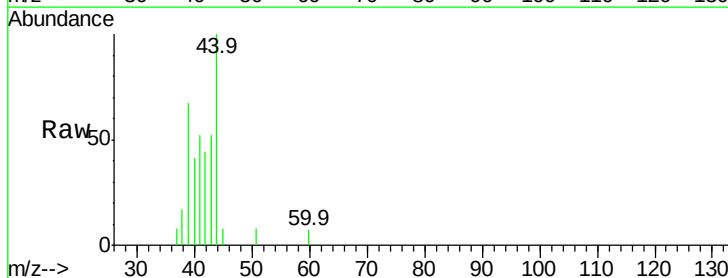
Acq: 24 Mar 2022 18:58

Tgt Ion: 41 Resp: 1999

Ion Ratio Lower Upper

41 100

42 115.7 56.2 84.4#

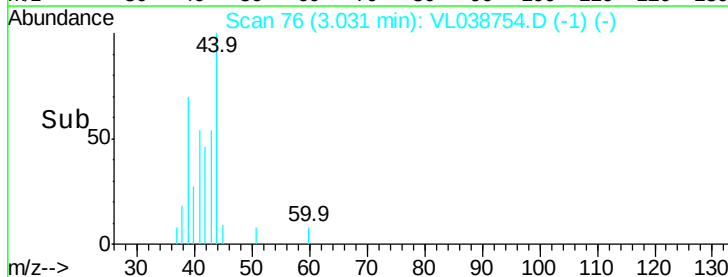


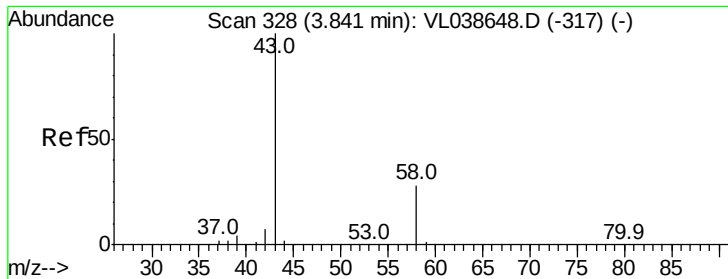
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.03

Time-->





#15

Acetone

Concen: 0.35 ppbv

RT: 3.89 Instrument: MSVOA_1

Delta R.T. 0.02 min

Lab File: ClientSampleId: C0P93DL2

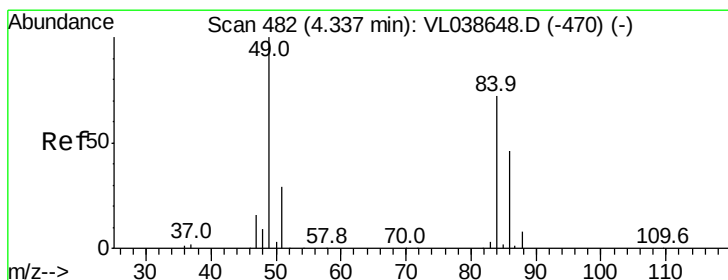
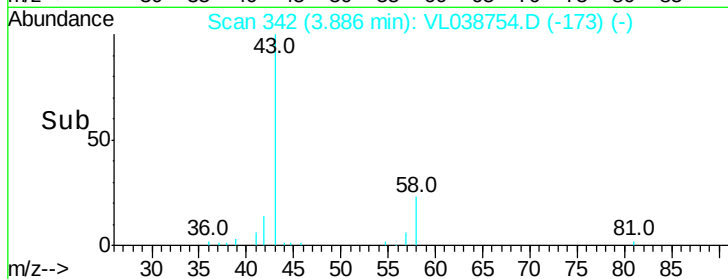
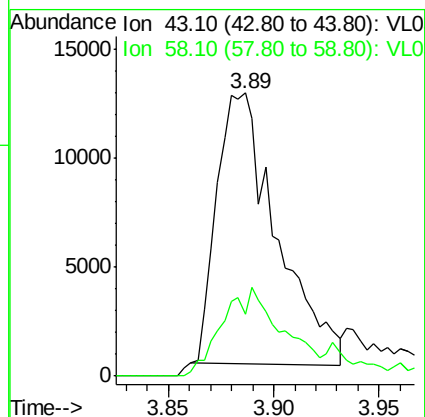
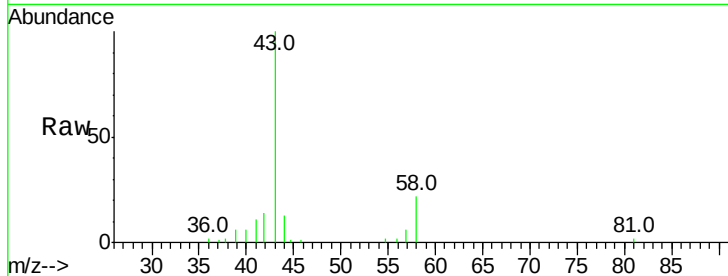
Acq: 24 Mar 2022 18:58

Tgt Ion: 43 Resp: 24574

Ion Ratio Lower Upper

43 100

58 41.6 23.3 34.9#



#20

Methylene Chloride

Concen: 0.27 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.02 min

Lab File: VL038754.D

Acq: 24 Mar 2022 18:58

Tgt Ion: 84 Resp: 8035

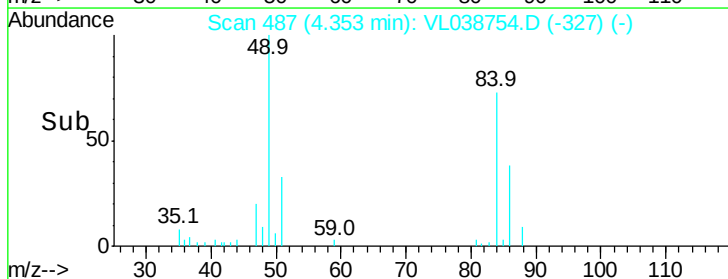
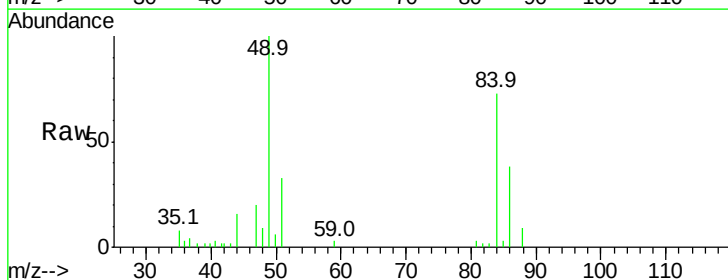
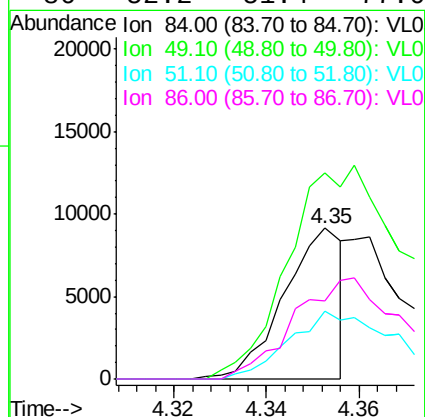
Ion Ratio Lower Upper

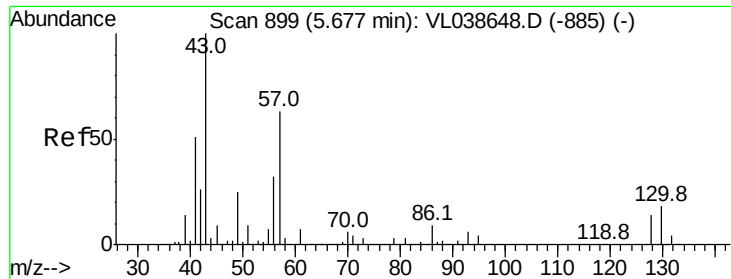
84 100

49 136.7 111.2 166.8

51 44.9 32.8 49.2

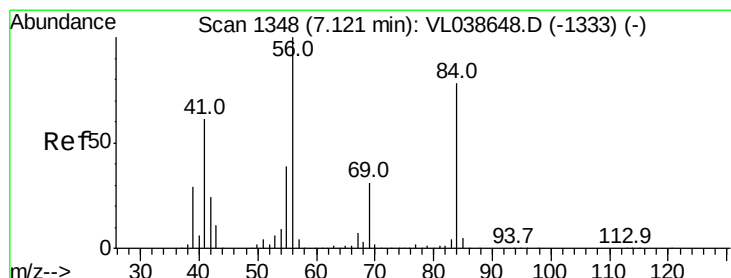
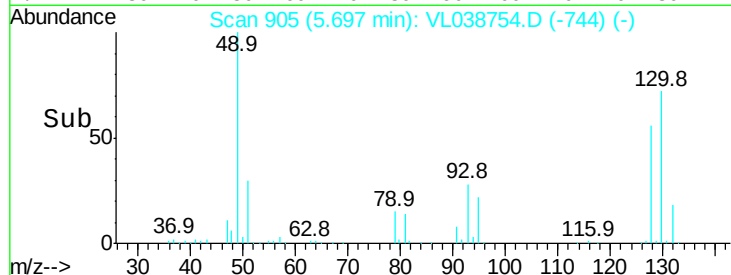
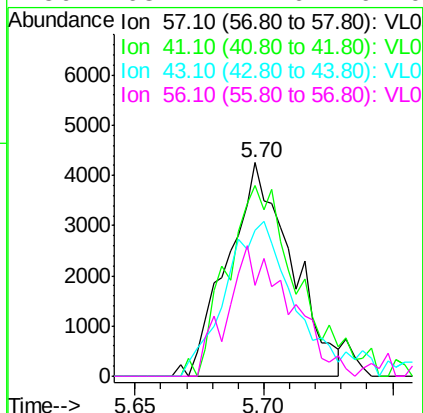
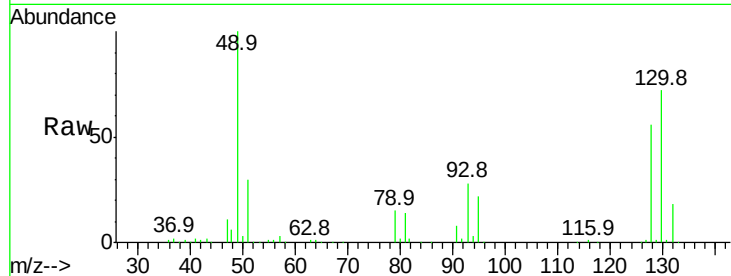
86 52.2 51.4 77.0





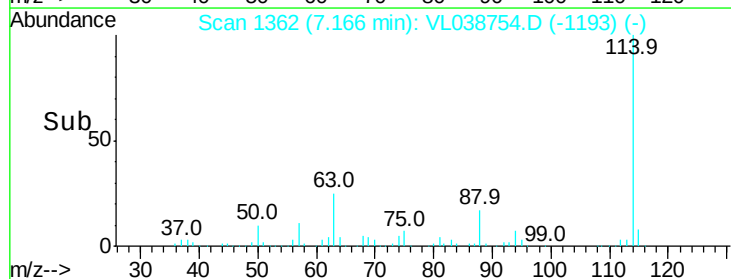
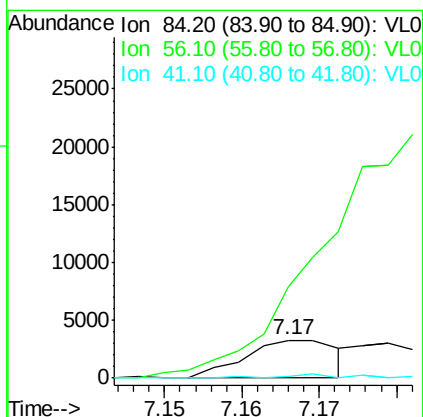
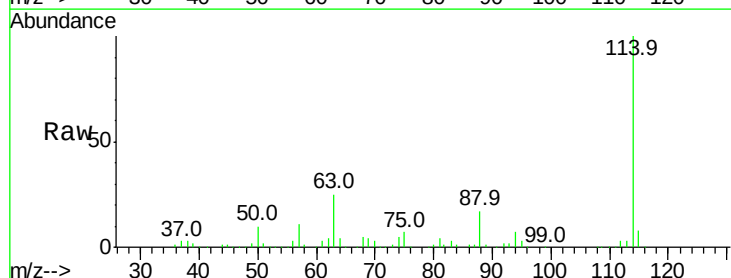
#26
Hexane
Concen: 0.09 ppbv
RT: 5.70
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2022 18:58

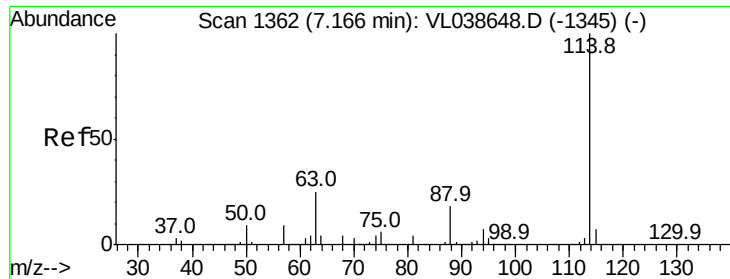
Tgt Ion:	57	Resp:	7311
Ion	Ratio	Lower	Upper
57	100		
41	99.6	67.0	100.4
43	80.1	184.2	276.2#
56	63.2	42.6	64.0



#30
Cyclohexane
Concen: 0.04 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. 0.04 min
Lab File: VL038754.D
Acq: 24 Mar 2022 18:58

Tgt Ion:	84	Resp:	2755
Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.2	162.4#
41	9.4	61.8	92.6#





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.19 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 18:58

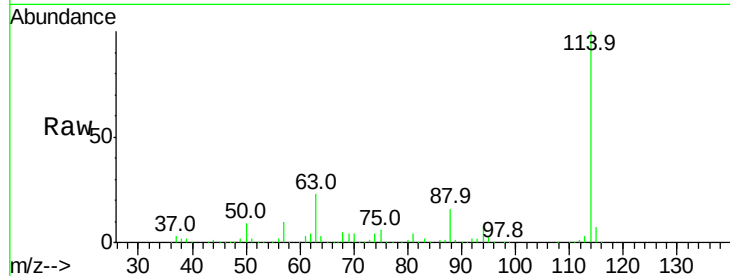
Tgt Ion:114 Resp: 2156638

Ion Ratio Lower Upper

114 100

63 24.0 19.4 29.0

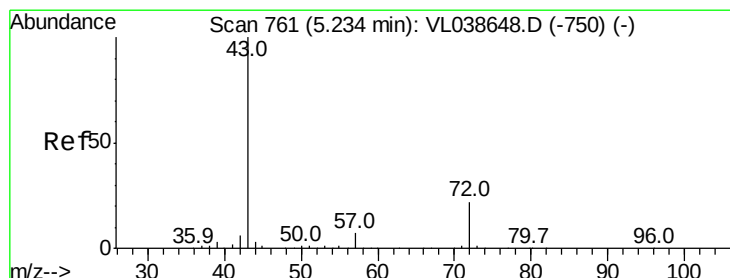
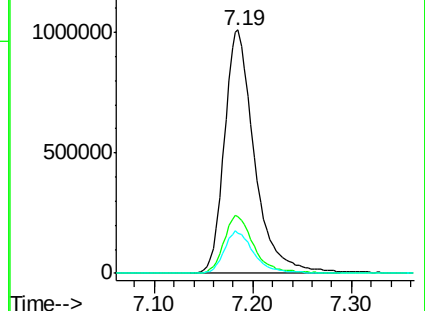
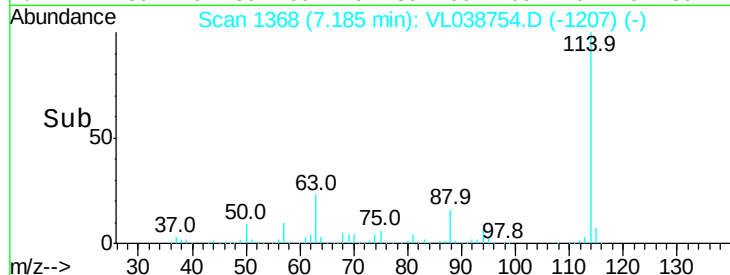
88 17.3 13.9 20.9



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



#34

2-Butanone

Concen: 0.16 ppbv

RT: 5.28 min Scan# 775

Delta R.T. 0.04 min

Lab File: VL038754.D

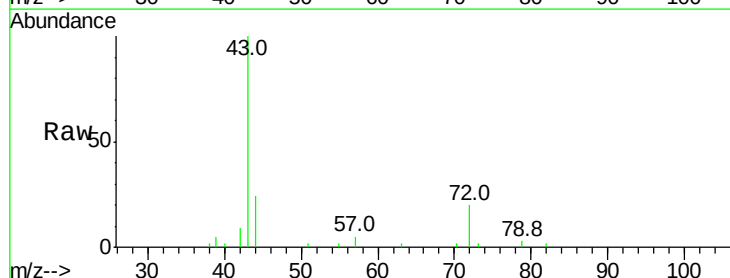
Acq: 24 Mar 2022 18:58

Tgt Ion: 43 Resp: 13609

Ion Ratio Lower Upper

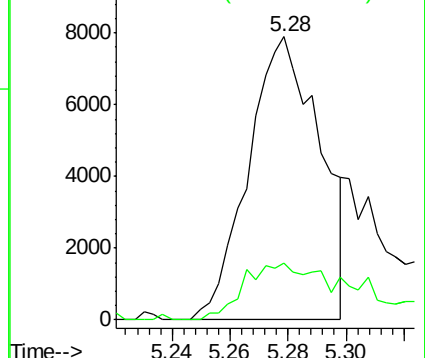
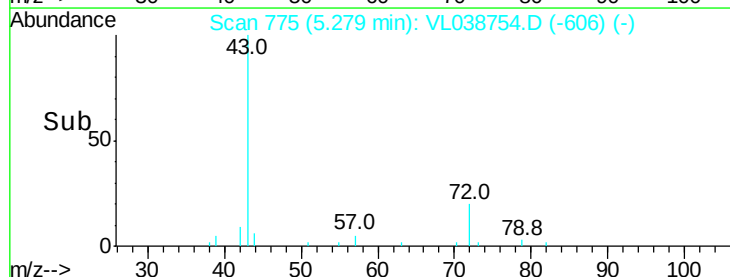
43 100

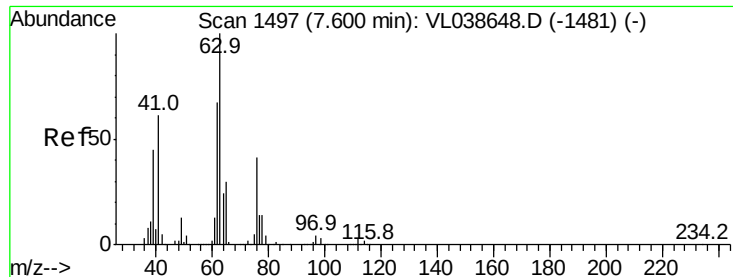
72 32.0 17.8 26.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#39

1,2-Dichloropropane

Concen: 7.62 ppbv

RT: 7.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 18:58

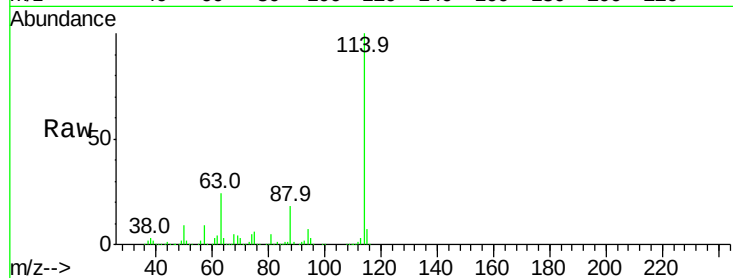
Tgt Ion: 63 Resp: 495759

Ion Ratio Lower Upper

63 100

41 0.1 49.0 73.6#

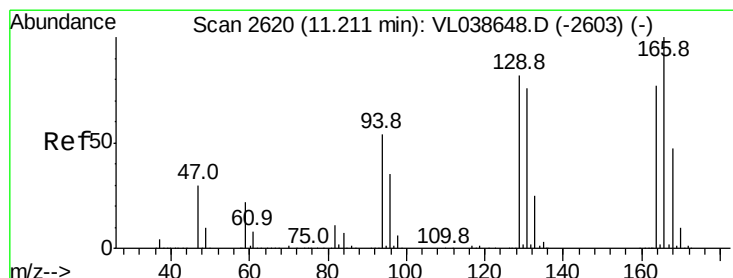
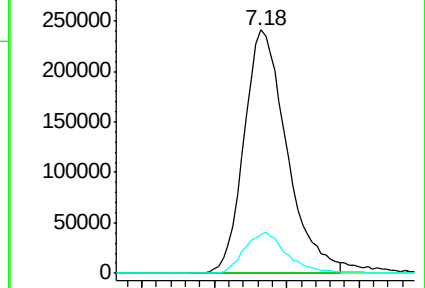
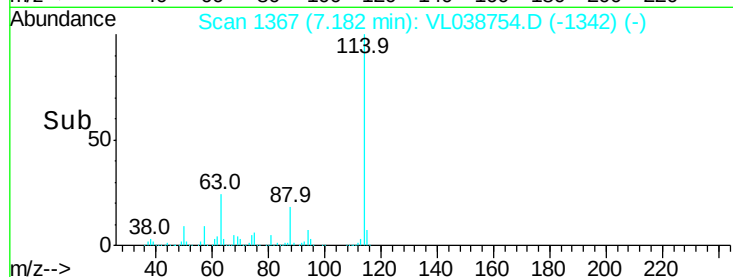
62 16.2 53.9 80.9#



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: 6.46 ppbv

RT: 11.23 min Scan# 2627

Delta R.T. 0.02 min

Lab File: VL038754.D

Acq: 24 Mar 2022 18:58

Tgt Ion: 164 Resp: 393554

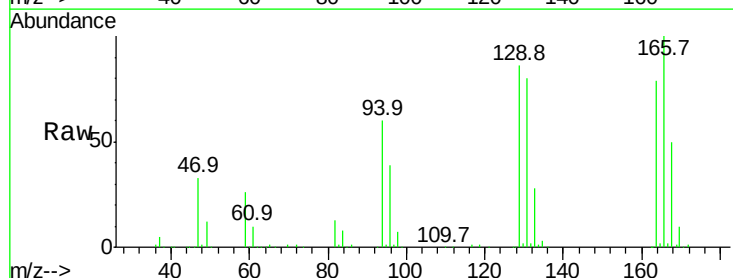
Ion Ratio Lower Upper

164 100

166 126.3 103.3 154.9

129 108.2 85.2 127.8

131 101.4 78.3 117.5

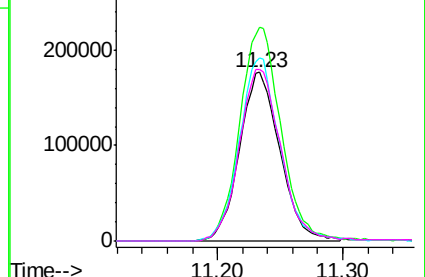
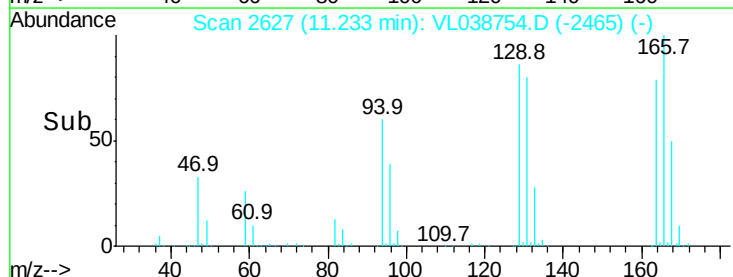


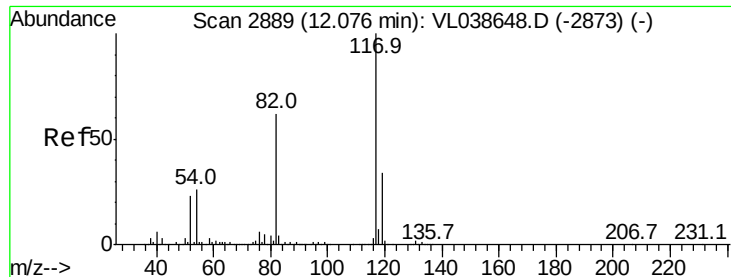
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

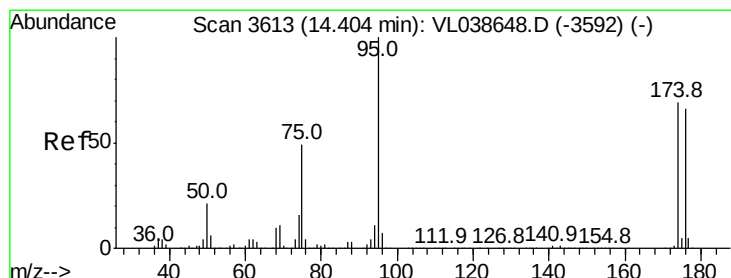
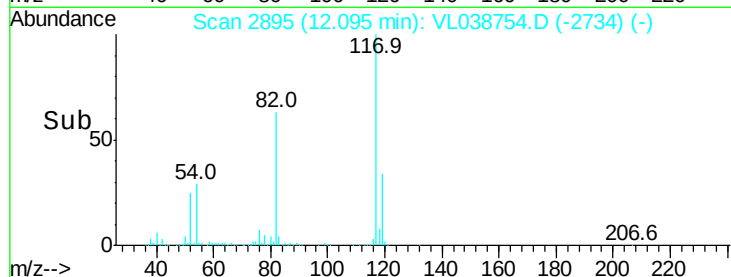
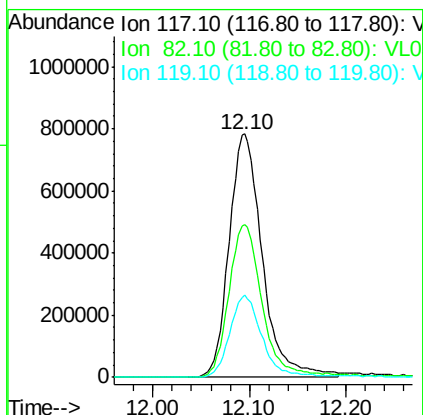
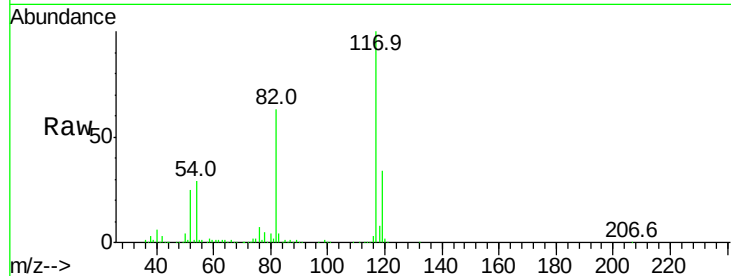
Ion 131.00 (130.70 to 131.70): V





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.: 0.02 min
Lab File: ClientSampleId : COP93DL2
Acq: 24 Mar 2022 18:58

Tgt Ion: 117 Resp: 1869595
Ion Ratio Lower Upper
117 100
82 65.5 51.6 77.4
119 33.7 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.63 ppbv
RT: 14.43 min Scan# 3620
Delta R.T.: 0.02 min
Lab File: VL038754.D
Acq: 24 Mar 2022 18:58

Tgt Ion: 95 Resp: 1380584
Ion Ratio Lower Upper
95 100
174 71.3 56.1 84.1
175 5.2 4.2 6.2

