

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091720\
 Data File : VL035664.D
 Acq On : 17 Sep 2020 20:02
 Operator : SY/AP
 Sample : L3983-07DL2 400X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-10DL2

Quant Time: Sep 18 13:55:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1154719	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4414404	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4384748	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3215862	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

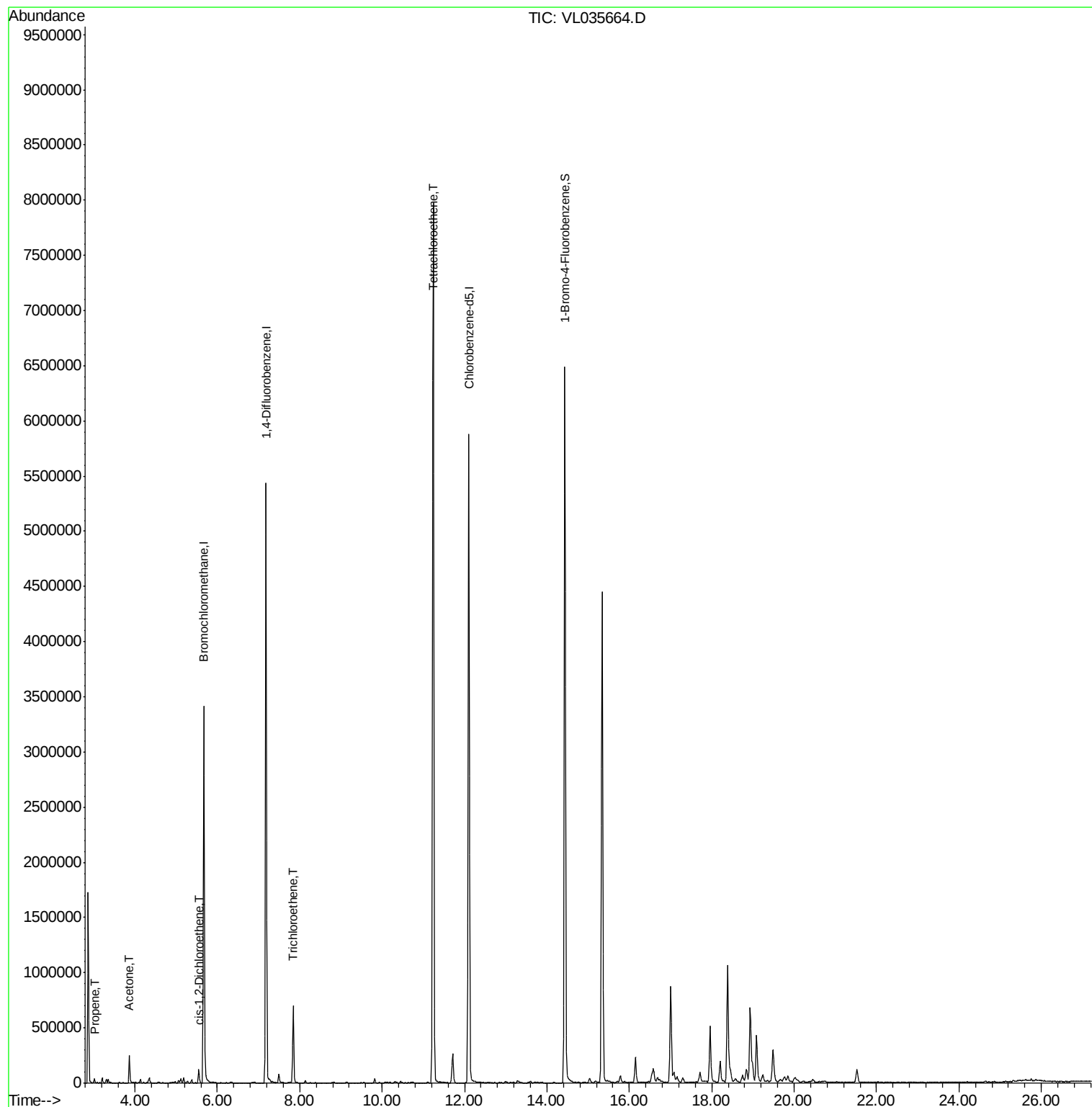
Target Compounds					Ovalue
9) Propene	3.01	41	10229	0.208	ppbv 86
15) Acetone	3.86	43	230490	1.810	ppbv 96
31) cis-1,2-Dichloroethene	5.55	61	60026	0.459	ppbv 91
38) Trichloroethene	7.84	130	243368	1.466	ppbv 97
52) Tetrachloroethene	11.24	164	2256201	13.515	ppbv 95

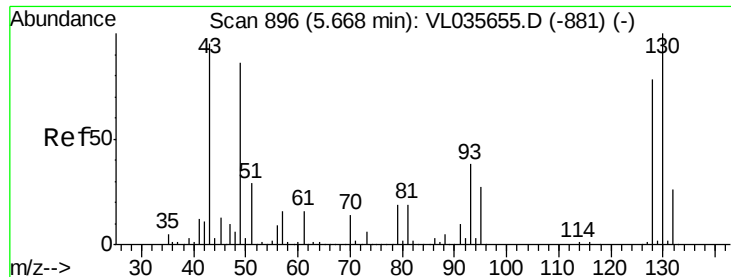
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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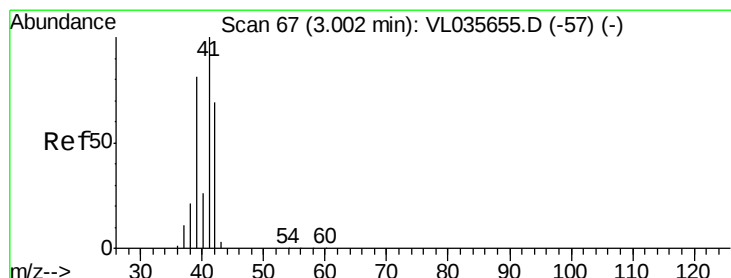
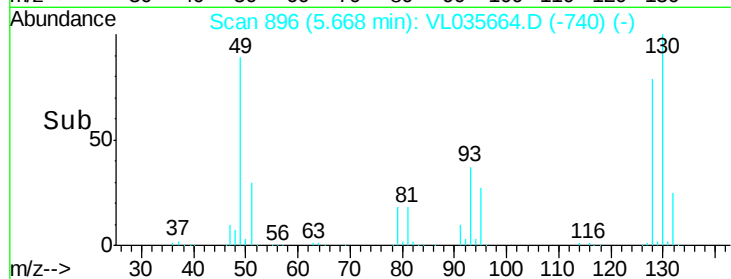
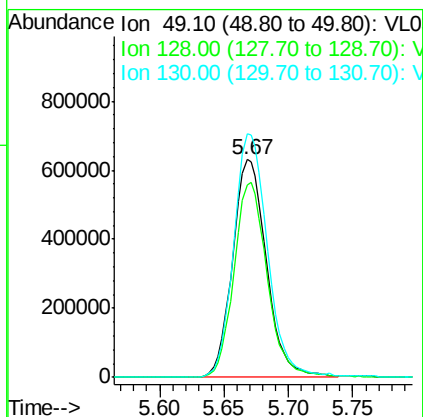
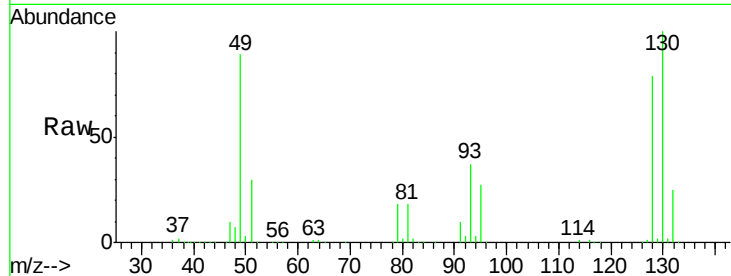




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VL035664.D
 Acq: 17 Sep 2020 20:02

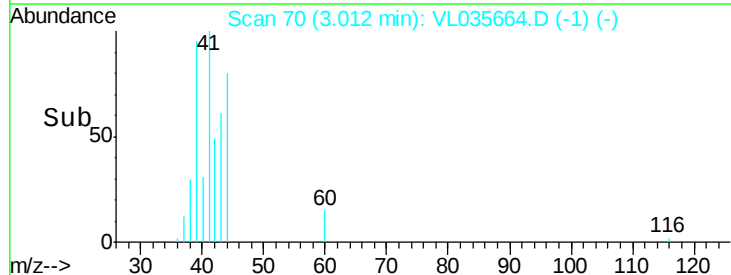
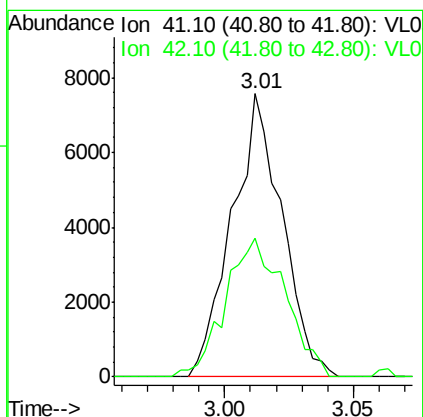
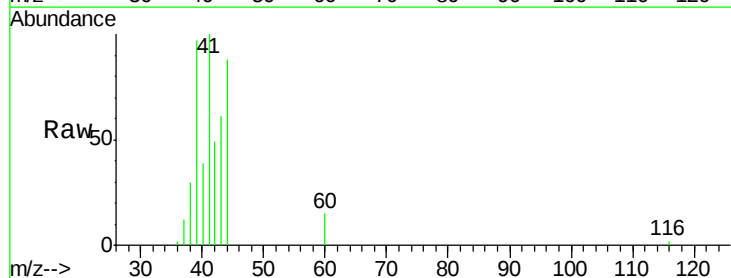
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-10DL2

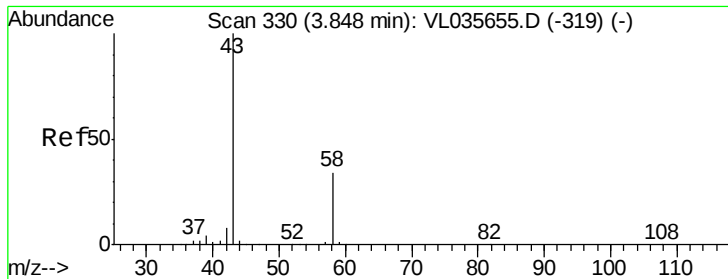
Tot Ion: 49 Resp: 1154719
 Ion Ratio Lower Upper
 49 100
 128 88.8 50.0 150.1
 130 113.1 64.4 193.2



#9
 Propene
 Concen: 0.208 ppbv
 RT: 3.01 min Scan# 70
 Delta R.T. 0.02 min
 Lab File: VL035664.D
 Acq: 17 Sep 2020 20:02

Tgt Ion: 41 Resp: 10229
 Ion Ratio Lower Upper
 41 100
 42 58.6 56.3 84.5





#15

Acetone

Concen: 1.810 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.02 min

Lab File: VL035664.D

Acq: 17 Sep 2020 20:02

Instrument :

MSVOA_L

ClientSampleId :

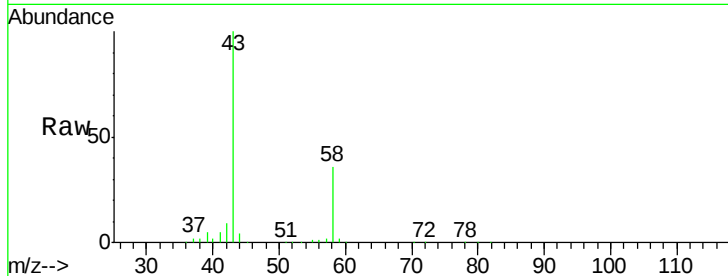
SV-10DL2

Tot Ion: 43 Resp: 230490

Ion Ratio Lower Upper

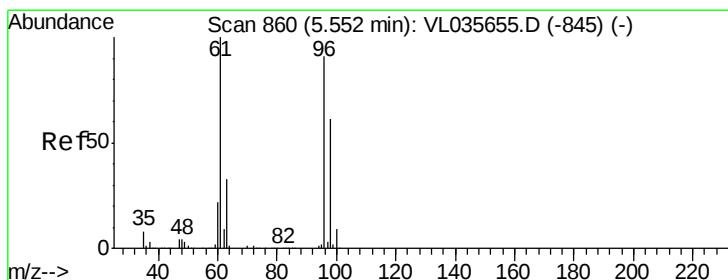
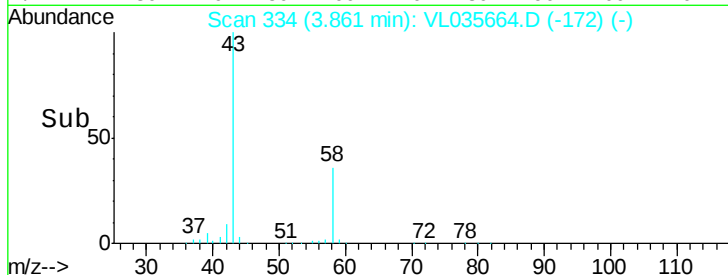
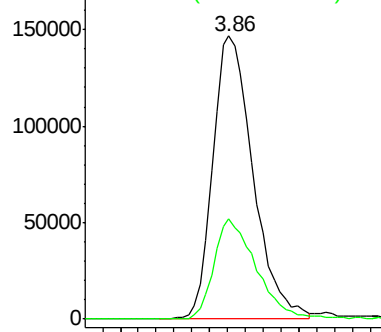
43 100

58 37.9 28.4 42.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#31

cis-1,2-Dichloroethene

Concen: 0.459 ppbv

RT: 5.55 min Scan# 859

Delta R.T. 0.00 min

Lab File: VL035664.D

Acq: 17 Sep 2020 20:02

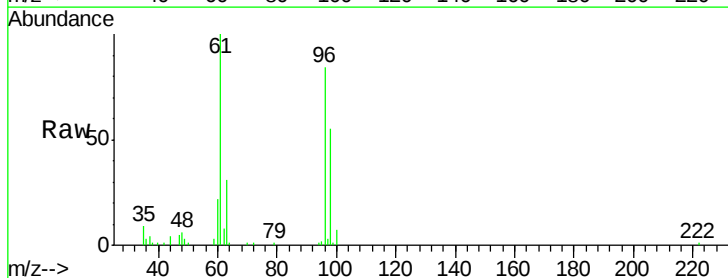
Tgt Ion: 61 Resp: 60026

Ion Ratio Lower Upper

61 100

96 84.1 74.4 111.6

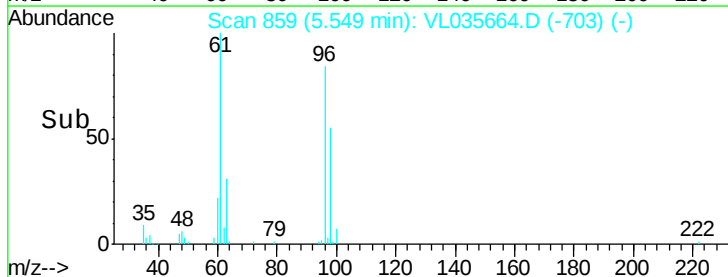
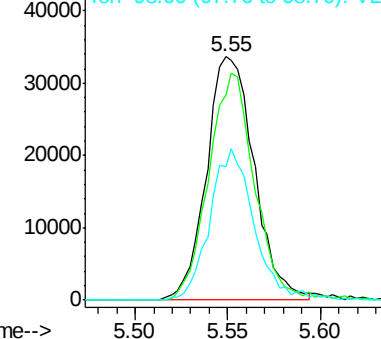
98 54.8 49.2 73.8

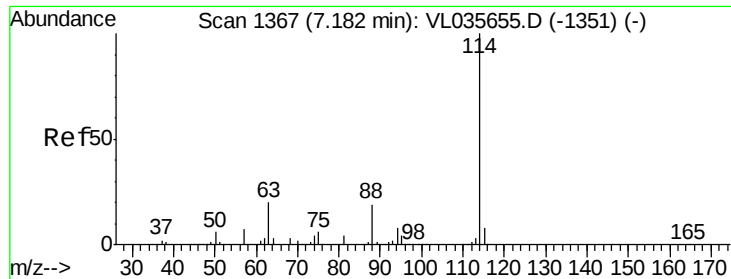


Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0

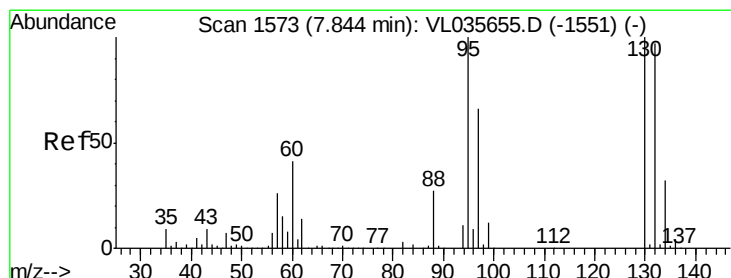
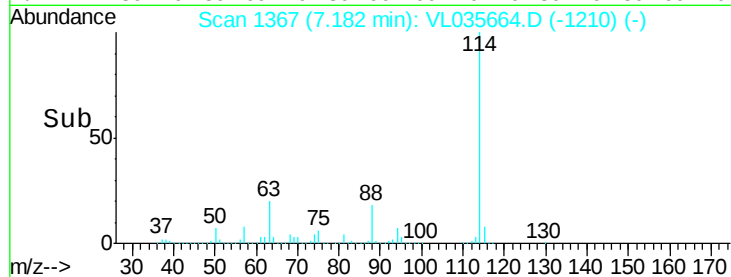
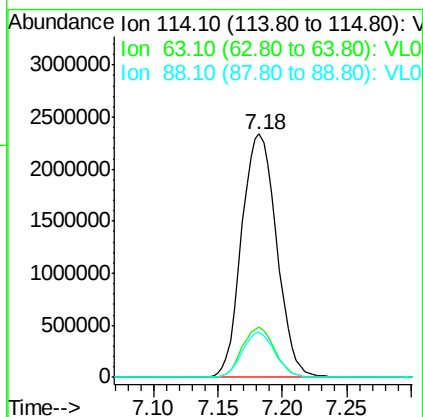
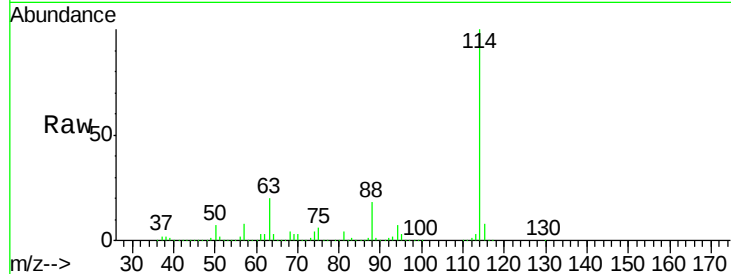




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: VL035664.D
 Acq: 17 Sep 2020 20:02

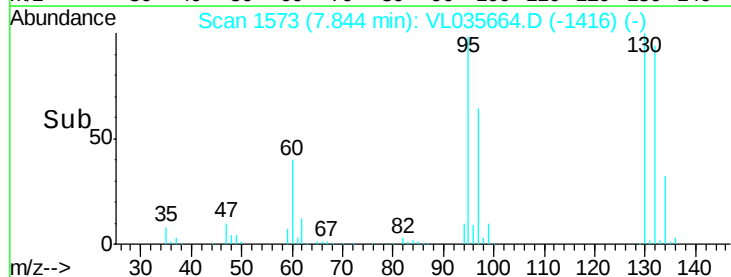
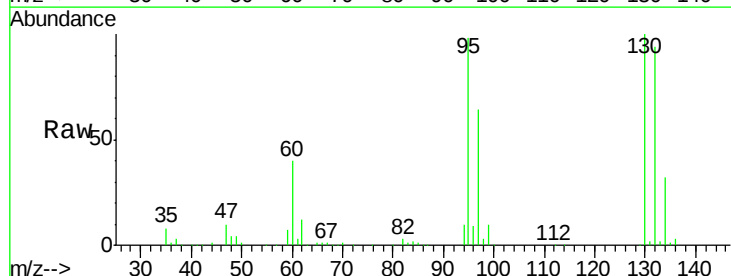
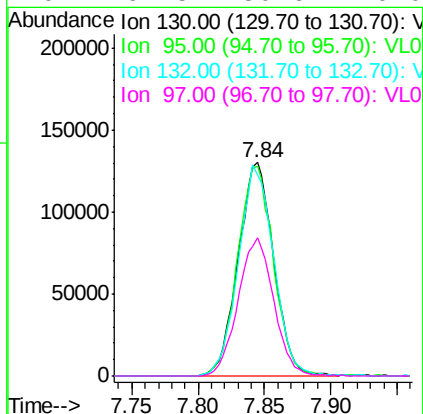
Instrument :
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 SV-10DL2

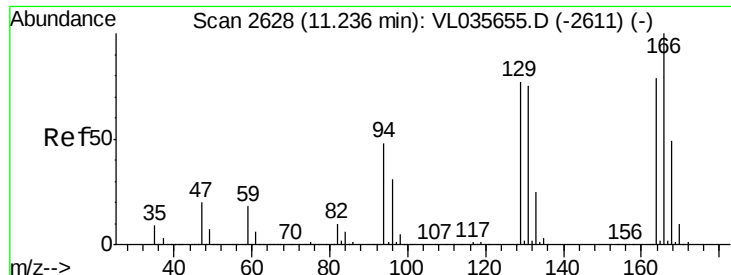
Tot Ion:114 Resp: 4414404
 Ion Ratio Lower Upper
 114 100
 63 19.4 14.7 22.1
 88 17.4 13.4 20.2



#38
 Trichloroethene
 Concen: 1.466 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: VL035664.D
 Acq: 17 Sep 2020 20:02

Tgt Ion:130 Resp: 243368
 Ion Ratio Lower Upper
 130 100
 95 98.3 74.6 112.0
 132 94.4 77.6 116.4
 97 64.5 50.6 76.0





#52

Tetrachloroethene

Concen: 13.515 ppbv

RT: 11.24 min Scan# 2629

Delta R.T. 0.01 min

Lab File: VL035664.D

Acq: 17 Sep 2020 20:02

Instrument :

MSVOA_L

ClientSampleId :

SV-10DL2

Tot Ion:164 Resp: 2256201

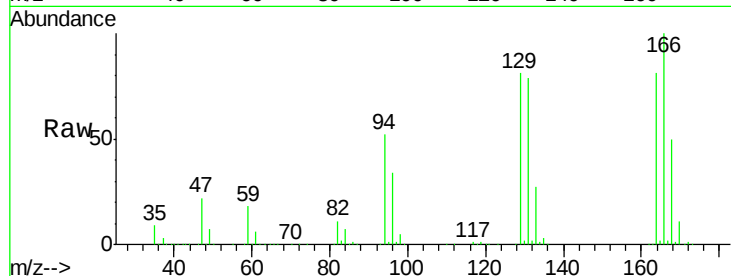
Ion Ratio Lower Upper

164 100

166 123.6 100.9 151.3

129 100.5 75.3 112.9

131 97.4 73.0 109.4

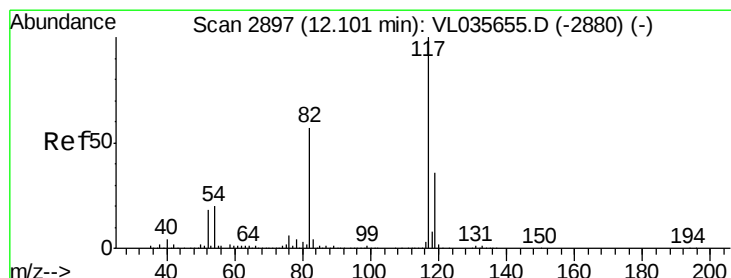
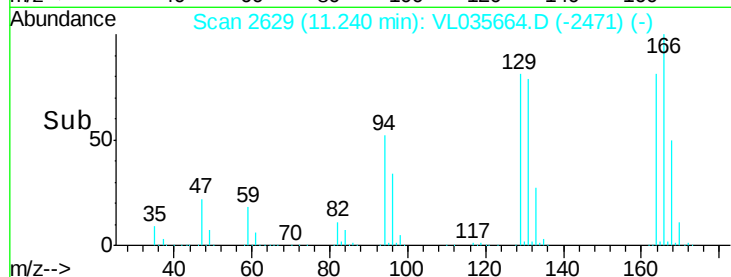
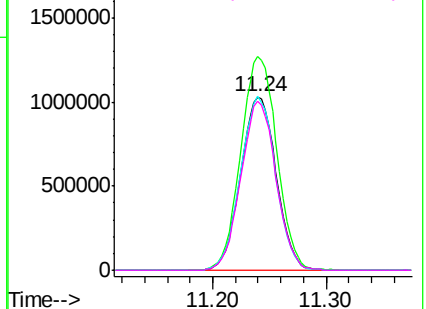


Abundance Ion 163.90 (163.60 to 164.60): V

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: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. 0.01 min

Lab File: VL035664.D

Acq: 17 Sep 2020 20:02

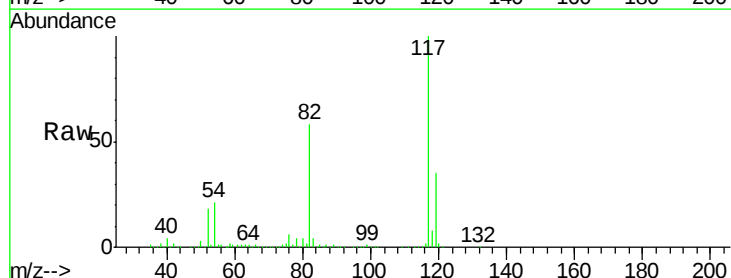
Tgt Ion:117 Resp: 4384748

Ion Ratio Lower Upper

117 100

82 57.3 41.6 62.4

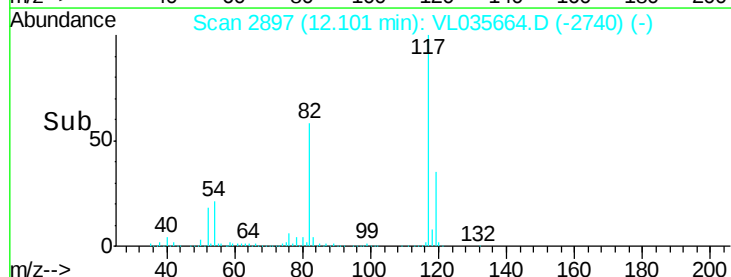
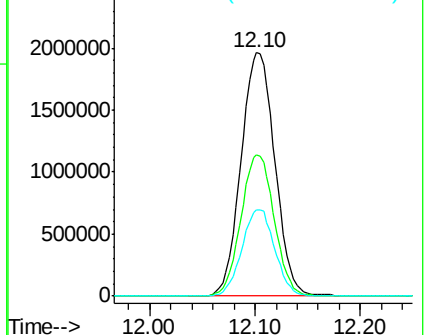
119 34.7 29.3 43.9

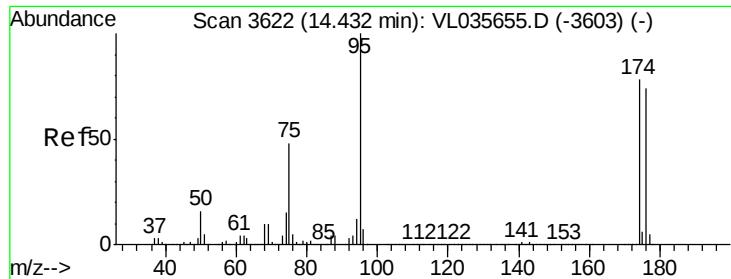


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.328 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.01 min

Lab File: VL035664.D

Acq: 17 Sep 2020 20:02

Instrument :

MSVOA_L

ClientSampleId :

SV-10DL2

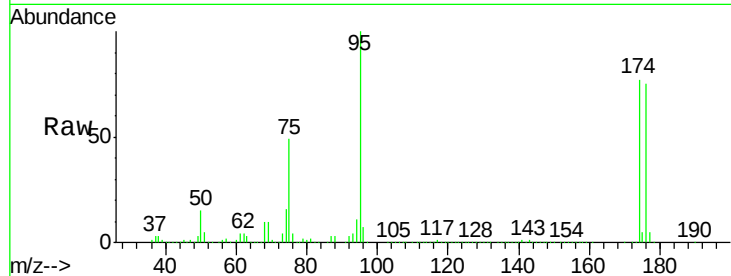
Tot Ion: 95 Resp: 3215862

Ion Ratio Lower Upper

95 100

174 78.4 69.6 104.4

175 5.6 5.1 7.7



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

