

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091720\
 Data File : VL035672.D
 Acq On : 18 Sep 2020 1:10
 Operator : SY/AP
 Sample : L3983-01DL 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-8DL

Manual Integrations
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Quant Time: Sep 18 05:18:49 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	1089112	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4118538	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4102672	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2988843	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds					Ovalue
15) Acetone	3.86	43	133277	1.110	ppbv 94
18) 1,1-Dichloroethene	4.29	96	9566	0.105	ppbv 93
31) cis-1,2-Dichloroethene	5.55	61	547613	4.439	ppbv 96
38) Trichloroethene	7.84	130	2647989	17.099	ppbv 95
52) Tetrachloroethene	11.25	164	8850538m	56.827	ppbv

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

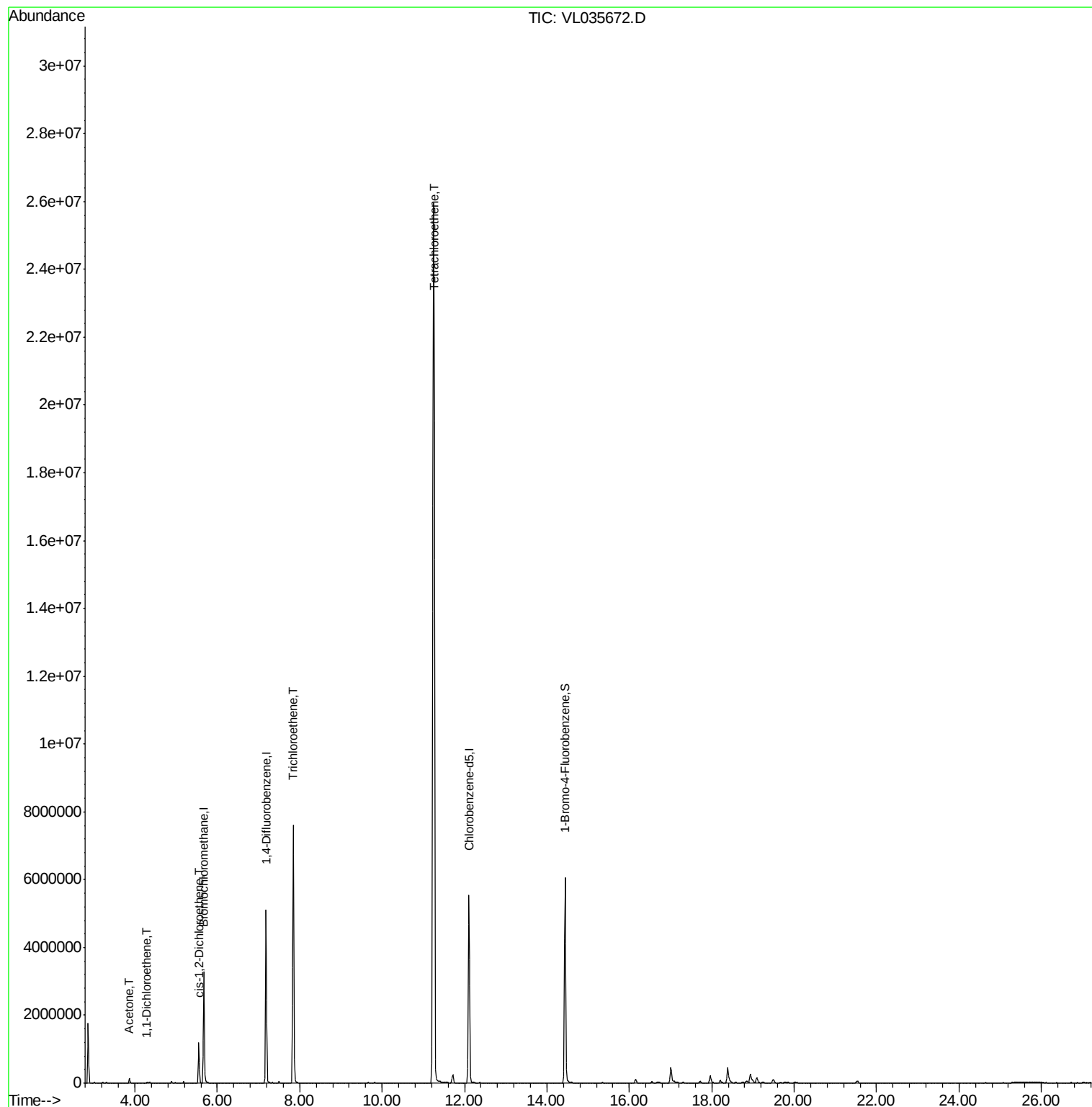
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091720\
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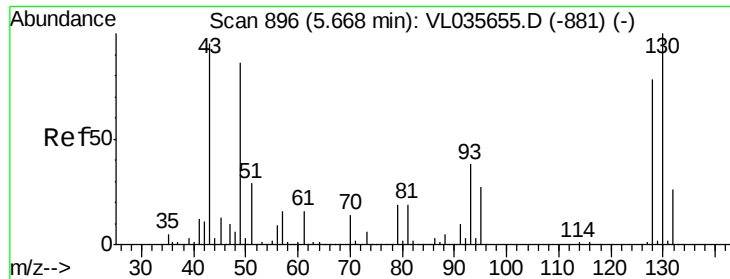
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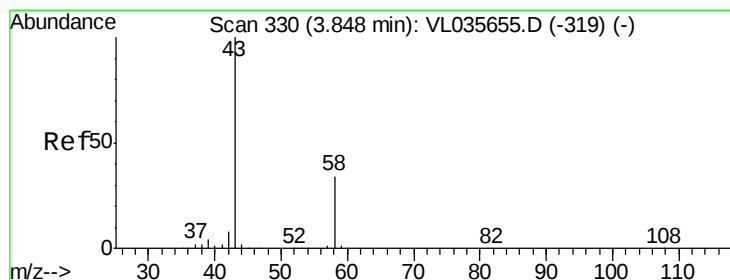
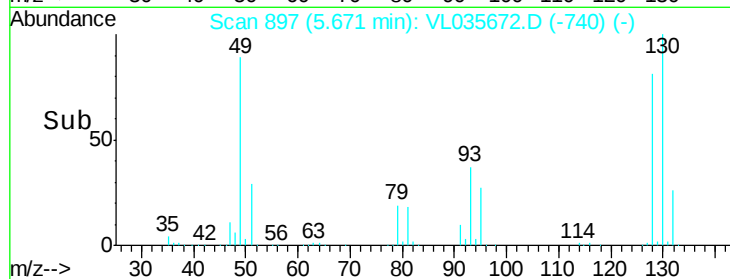
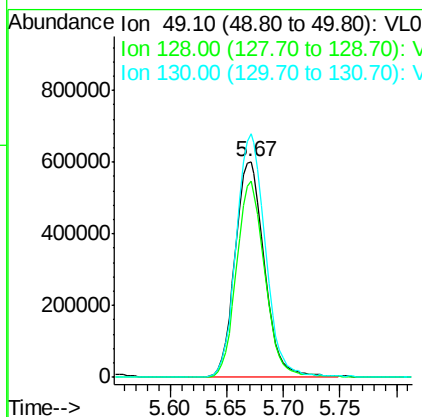
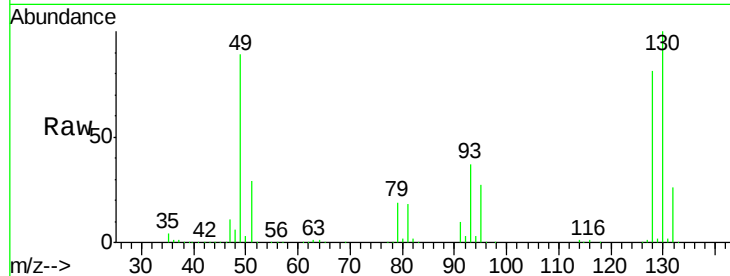
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: VL035672.D
 Acq: 18 Sep 2020 1:10

Instrument :
 MSVOA_L
 ClientSampled :
 SV-8DL

Tot Ion: 49 Resp: 1089112
 Ion Ratio Lower Upper
 49 100
 128 88.6 50.0 150.1
 130 112.9 64.4 193.2

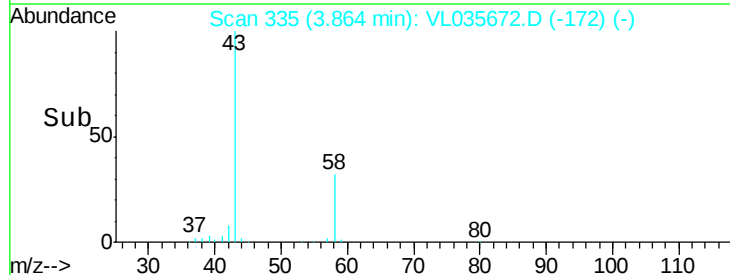
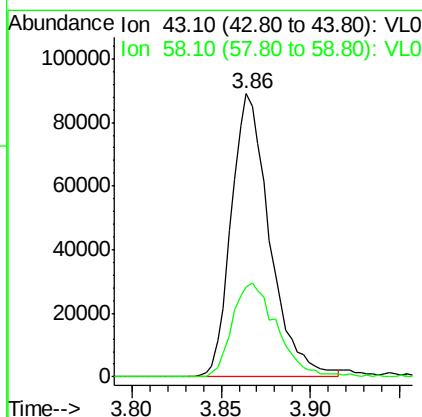
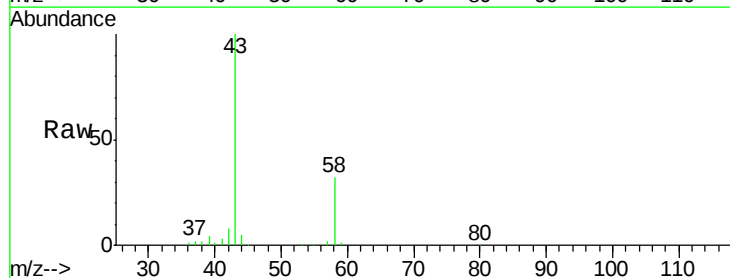
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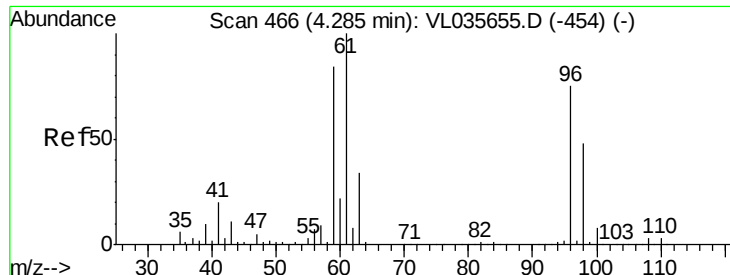
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#15
 Acetone
 Concen: 1.110 ppbv
 RT: 3.86 min Scan# 335
 Delta R.T. 0.03 min
 Lab File: VL035672.D
 Acq: 18 Sep 2020 1:10

Tgt Ion: 43 Resp: 133277
 Ion Ratio Lower Upper
 43 100
 58 39.1 28.4 42.6





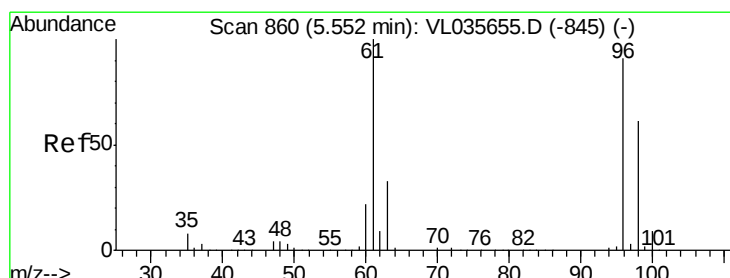
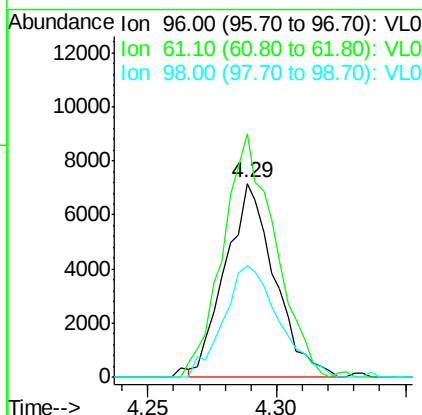
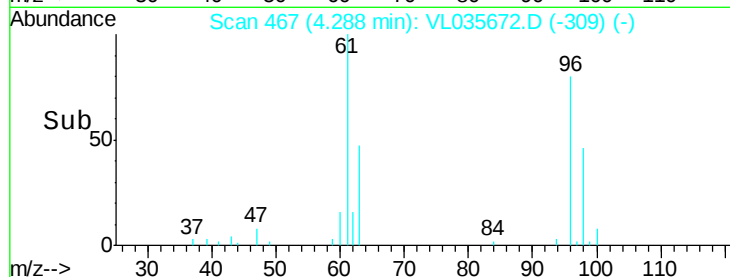
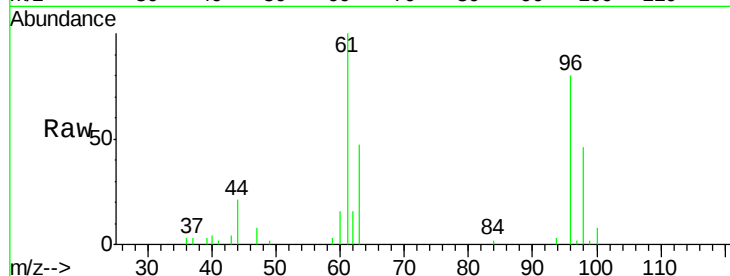
#18
 1,1-Dichloroethene
 Concen: 0.105 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: VL035672.D
 Acq: 18 Sep 2020 1:10

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-8DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.5	103.0	154.6
98	57.7	52.8	79.2

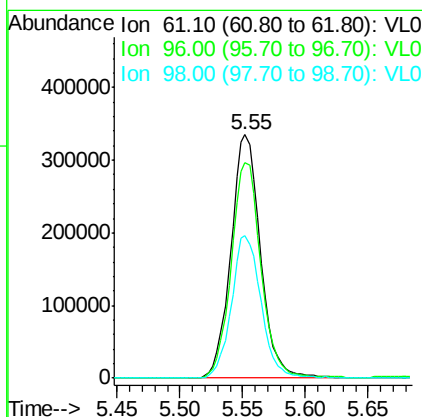
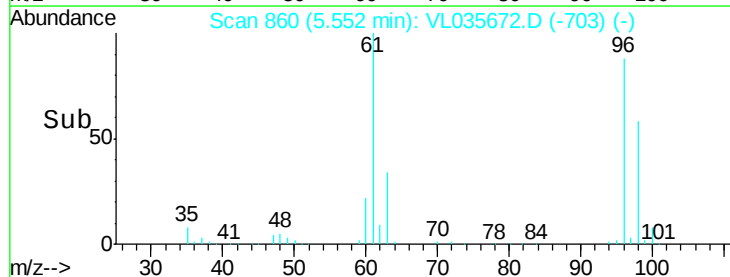
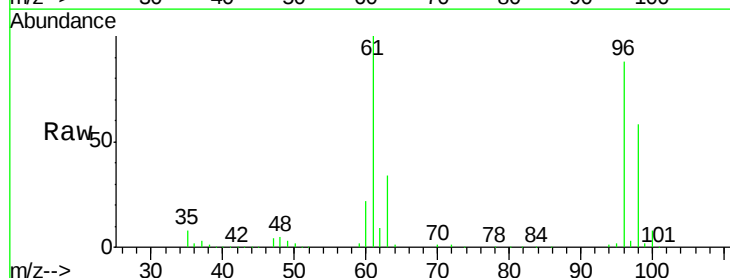
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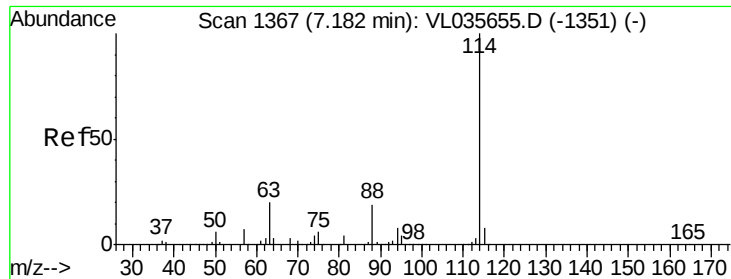
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#31
 cis-1,2-Dichloroethene
 Concen: 4.439 ppbv
 RT: 5.55 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: VL035672.D
 Acq: 18 Sep 2020 1:10

Tgt Ion	Ratio	Lower	Upper
61	100		
96	88.5	74.4	111.6
98	58.3	49.2	73.8





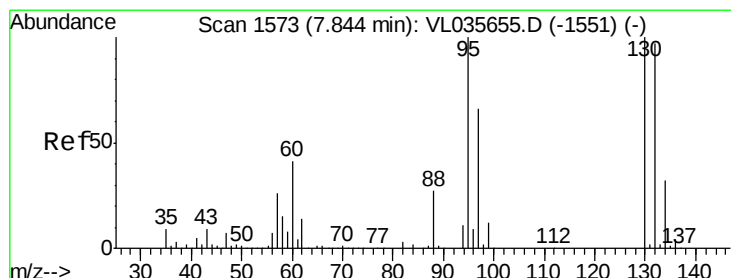
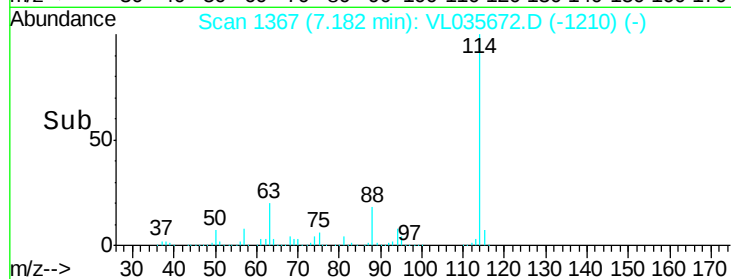
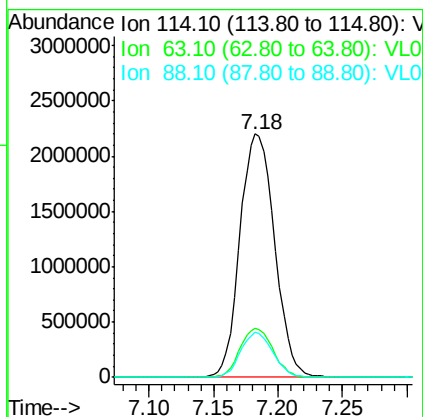
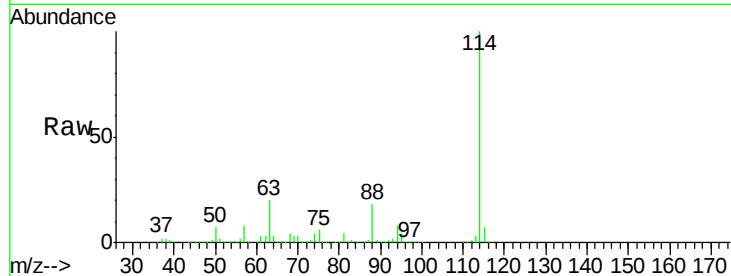
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: VL035672.D
 Acq: 18 Sep 2020 1:10

Instrument :
 MSVOA_L
 ClientSampled :
 SV-8DL

Tot Ion:114 Resp: 4118538
 Ion Ratio Lower Upper
 114 100
 63 19.3 14.7 22.1
 88 17.3 13.4 20.2

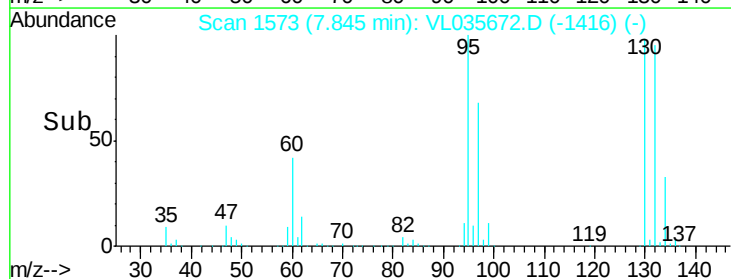
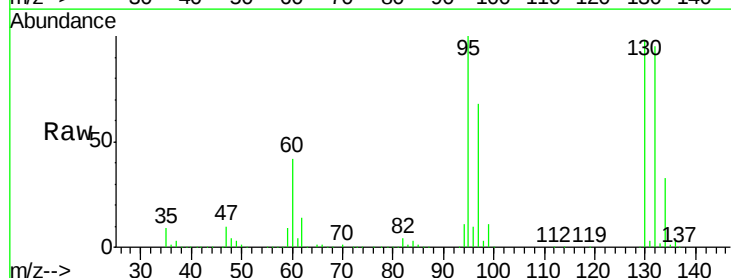
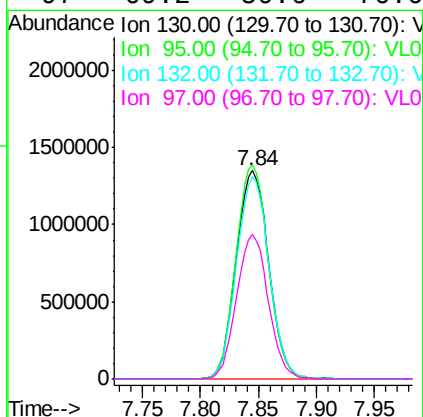
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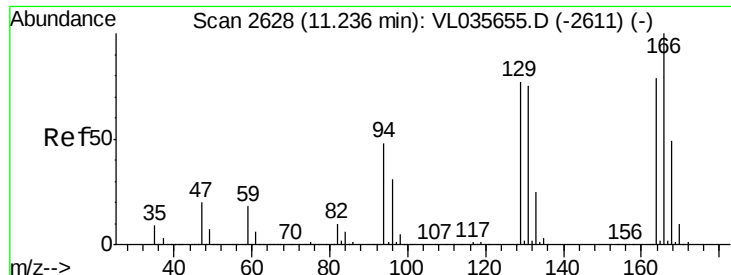
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#38
 Trichloroethene
 Concen: 17.099 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: VL035672.D
 Acq: 18 Sep 2020 1:10

Tgt Ion:130 Resp: 2647989
 Ion Ratio Lower Upper
 130 100
 95 102.4 74.6 112.0
 132 97.0 77.6 116.4
 97 69.2 50.6 76.0





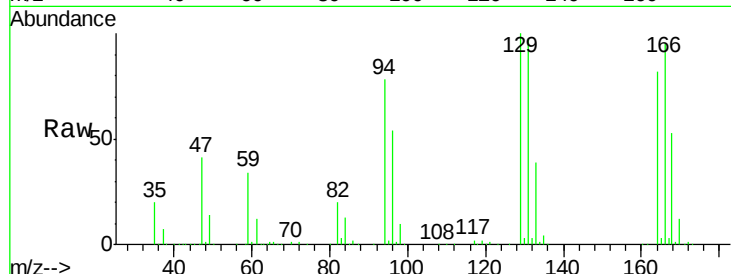
#52
Tetrachloroethene
Concen: 56.827 ppbv m
RT: 11.25 min Scan# 2631
Delta R.T. 0.02 min
Lab File: VL035672.D
Acq: 18 Sep 2020 1:10

Instrument :
MSVOA_L
ClientSampled :
SV-8DL

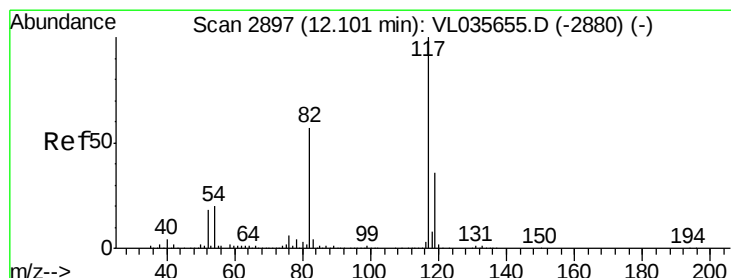
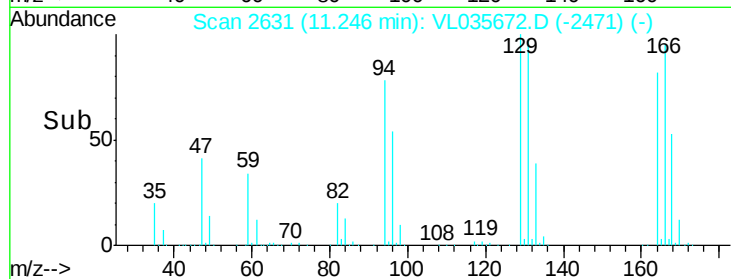
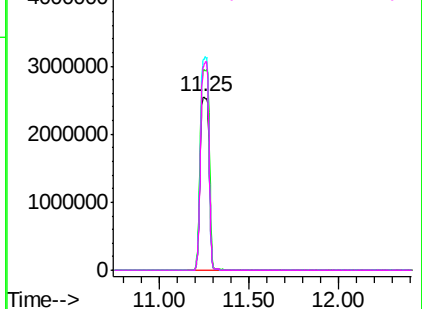
Tot Ion:164 Resp: 8850538
Ion Ratio Lower Upper
164 100
166 115.7 100.9 151.3
129 121.9 75.3 112.9#
131 118.4 73.0 109.4#

Manual Integrations
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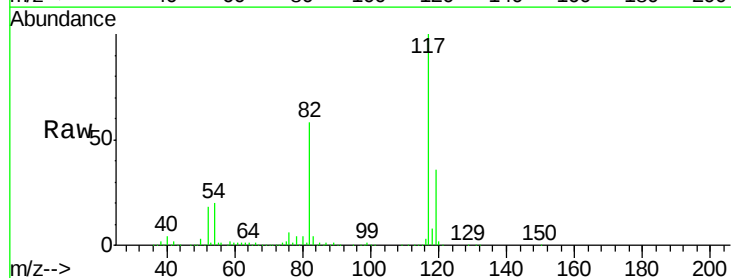


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

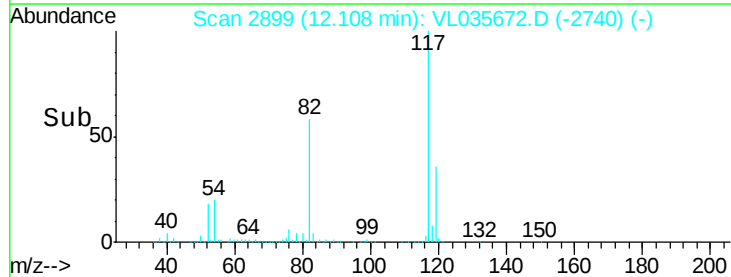
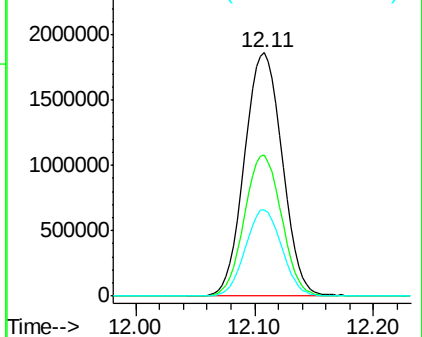


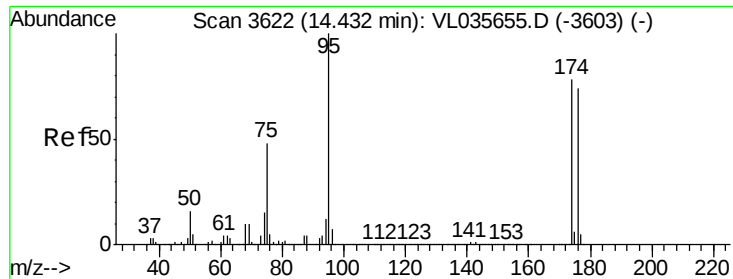
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. 0.01 min
Lab File: VL035672.D
Acq: 18 Sep 2020 1:10

Tgt Ion:117 Resp: 4102672
Ion Ratio Lower Upper
117 100
82 57.3 41.6 62.4
119 34.3 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: 10.259 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. 0.01 min

Lab File: VL035672.D

Acq: 18 Sep 2020 1:10

Instrument :

MSVOA_L

ClientSampleId :

SV-8DL

Tot Ion: 95 Resp: 2988843

Ion Ratio Lower Upper

95 100

174 79.0 69.6 104.4

175 5.7 5.1 7.7

Manual Integrations

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