

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL072320\
 Data File : VL035227.D
 Acq On : 23 Jul 2020 13:57
 Operator : SY/AP
 Sample : L3216-14 0.03 PPB LOQ
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-01-QT3-2020

Manual Integrations
 APPROVED

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 7/27/2020 12:29:46 PM

Quant Time: Jul 24 06:18:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1210072	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2903672	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2719729	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2244277	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl Chloride	3.21	62	4766	0.059	ppbv	# 87
32) 1,1,1-Trichloroethane	6.50	97	9207m	0.049	ppbv	
35) Carbon Tetrachloride	7.01	117	9309m	0.049	ppbv	
38) Trichloroethene	7.85	130	3248m	0.038	ppbv	
52) Tetrachloroethene	11.25	164	3314m	0.042	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.72	83	10293m	0.046	ppbv	

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

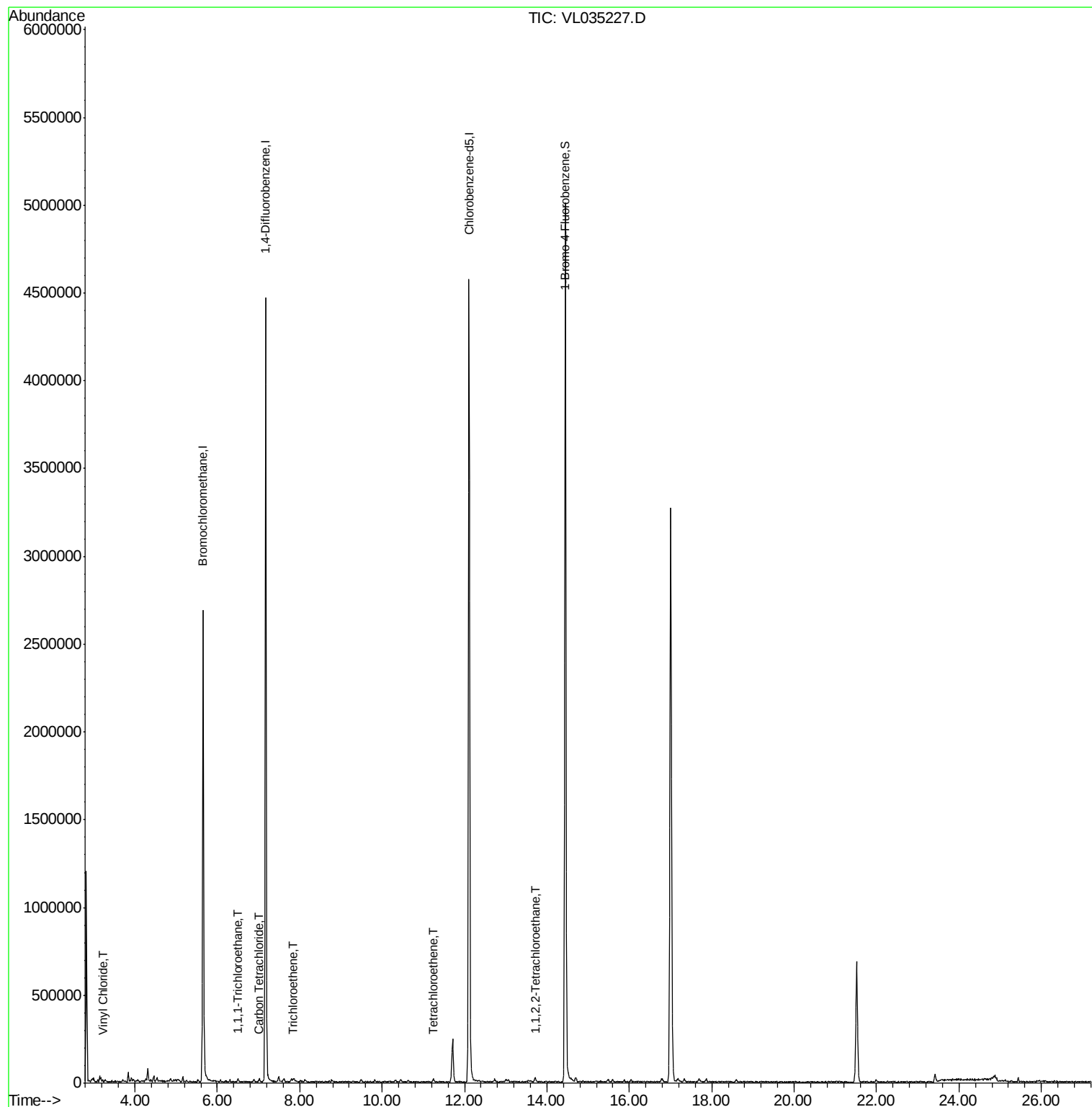
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL072320\
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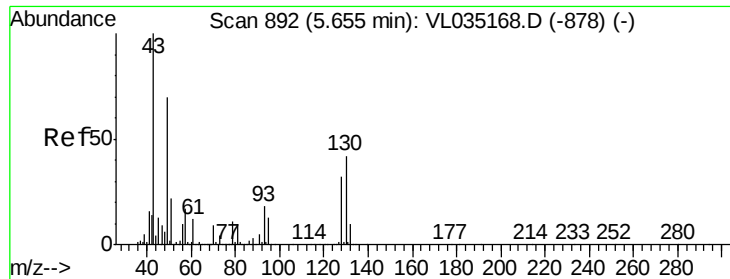
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.00 min

Lab File: VL035227.D

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Instrument :

MSVOA_L

ClientSampleId :

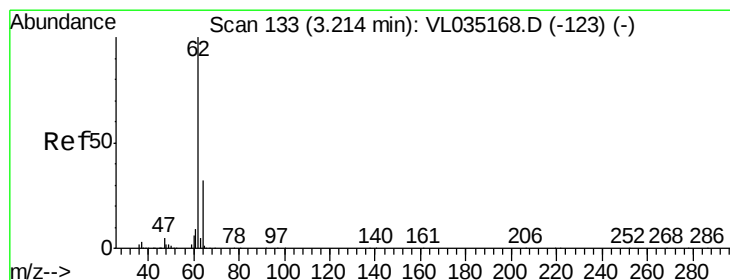
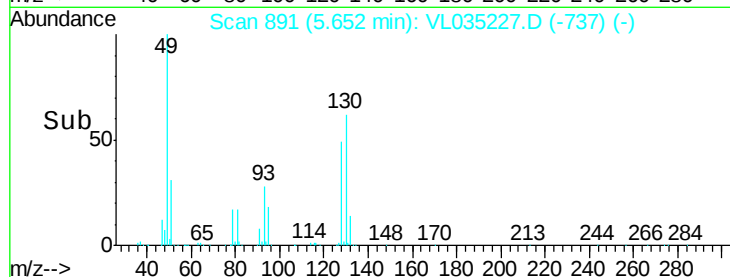
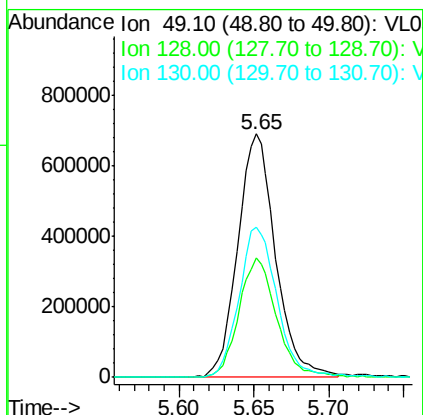
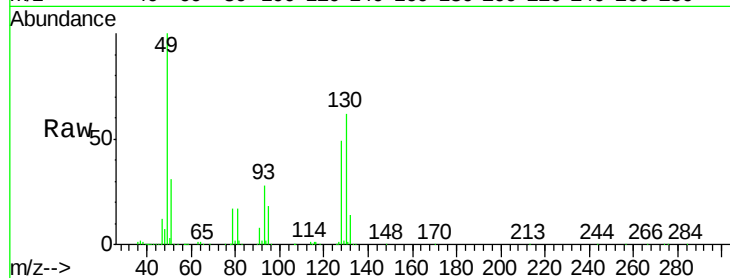
LOQ-AIR-01-QT3-2020

Tgt Ion: 49 Resp: 1210072

Ion	Ratio	Lower	Upper
49	100		
128	49.2	23.8	71.4
130	63.0	29.9	89.8

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#5

Vinyl Chloride

Concen: 0.059 ppbv

RT: 3.21 min Scan# 133

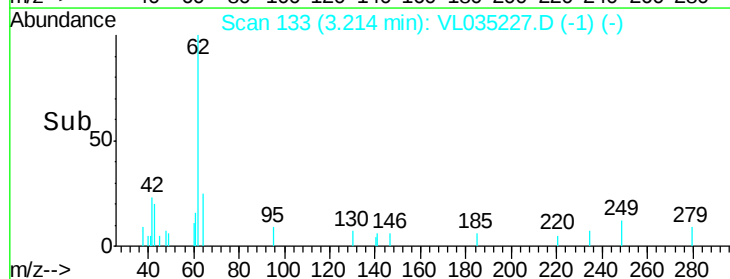
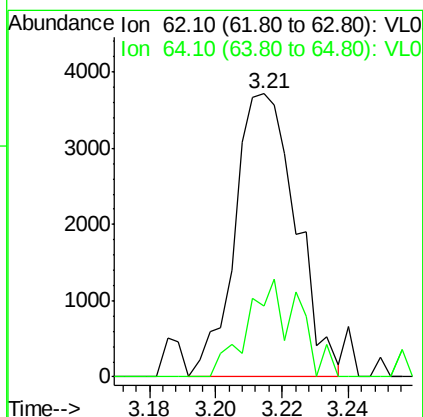
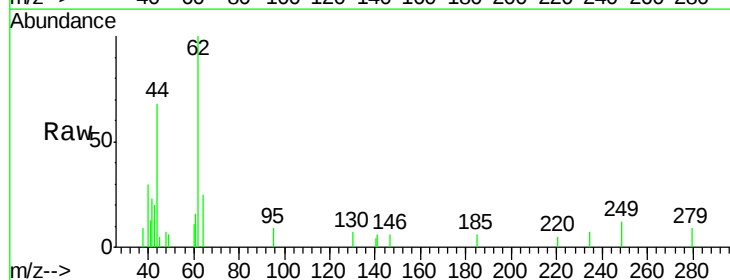
Delta R.T. -0.00 min

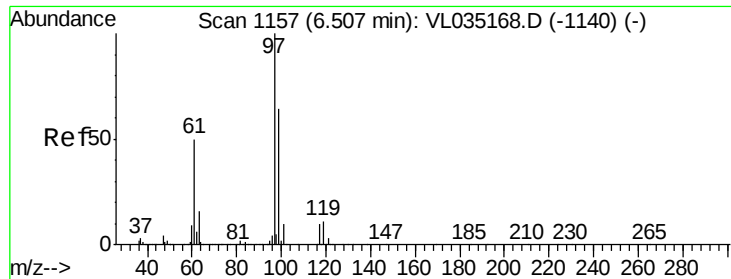
Lab File: VL035227.D

Acq: 23 Jul 2020 13:57

Tgt Ion: 62 Resp: 4766

Ion	Ratio	Lower	Upper
62	100		
64	25.2	25.9	38.9#





#32

1,1,1-Trichloroethane

Concen: 0.049 ppbv m

RT: 6.50 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VL035227.D

Acq: 23 Jul 2020 13:57

Instrument :

MSVOA_L

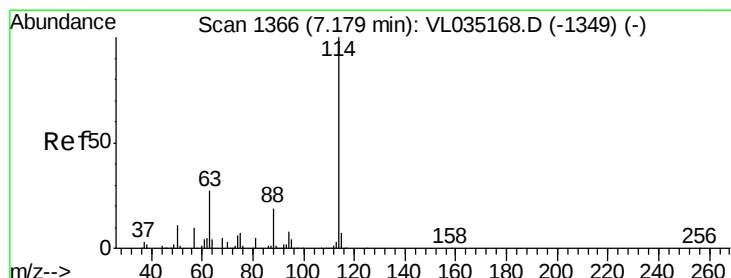
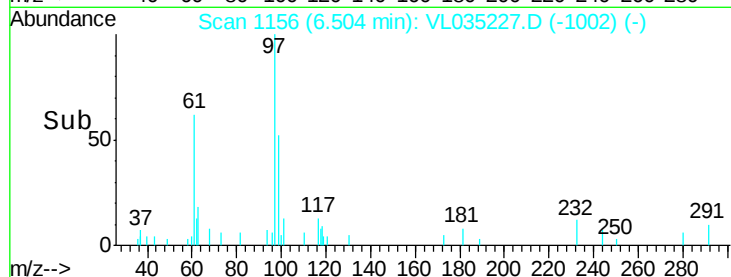
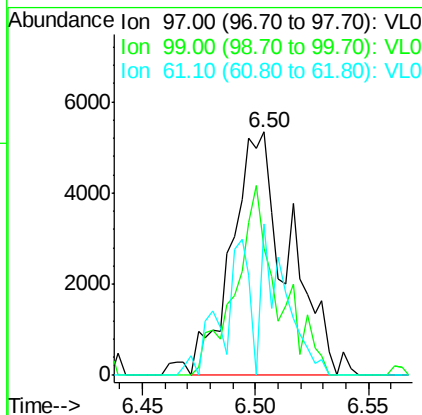
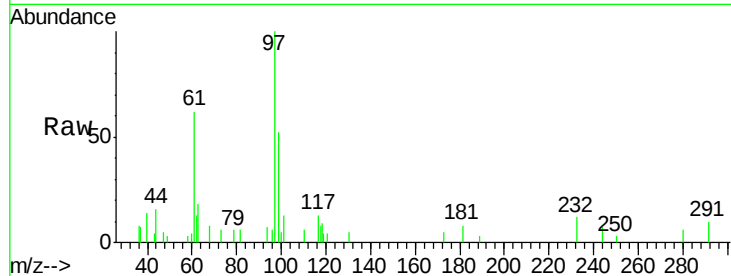
ClientSampleId :

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Tgt Ion:	97	Resp:	9207
Ion	Ratio	Lower	Upper
97	100		
99	59.6	51.2	76.8
61	52.8	40.9	61.3

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

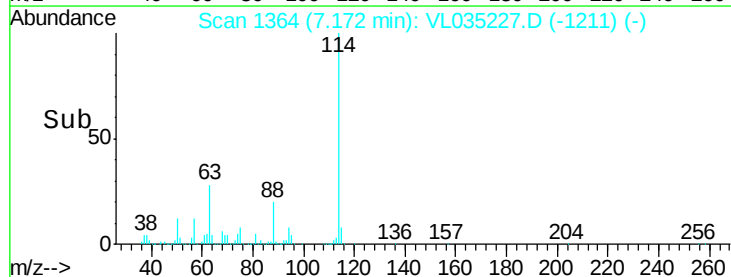
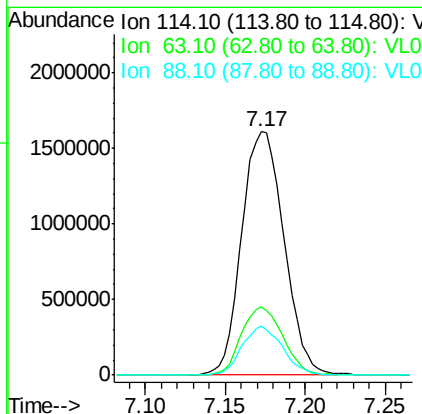
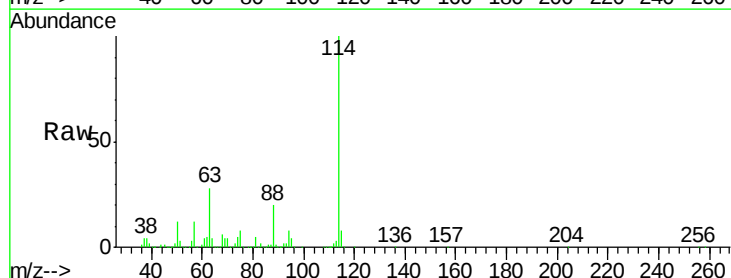
RT: 7.17 min Scan# 1364

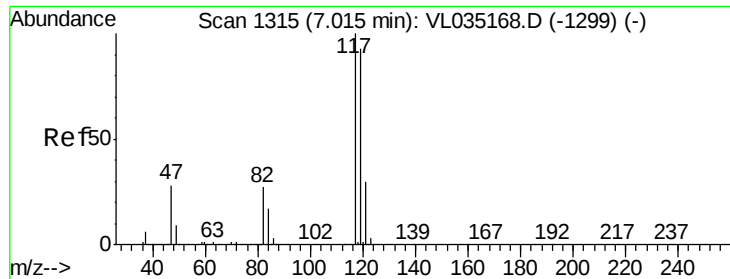
Delta R.T. -0.01 min

Lab File: VL035227.D

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Tgt Ion:	114	Resp:	2903672
Ion	Ratio	Lower	Upper
114	100		
63	27.8	22.0	33.0
88	19.3	15.4	23.0





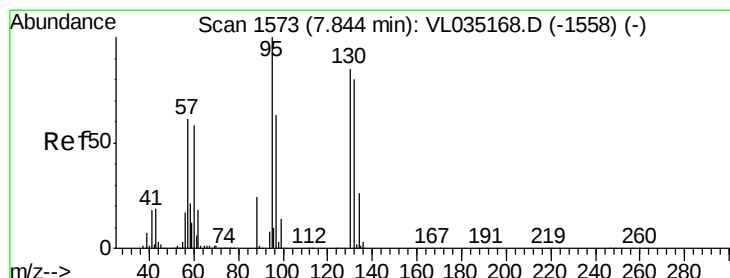
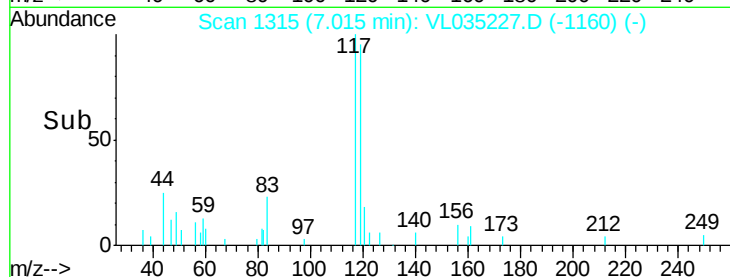
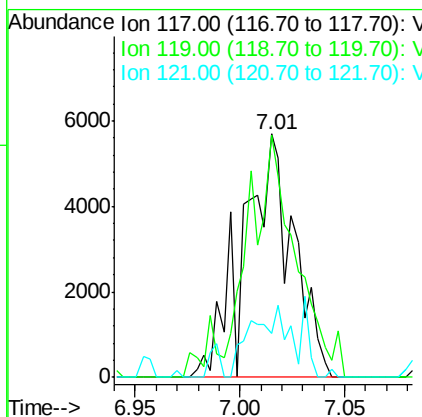
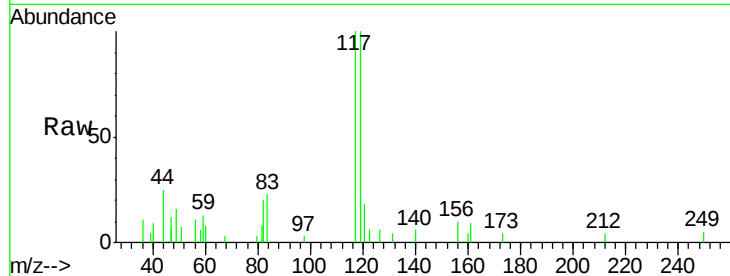
#35
Carbon Tetrachloride
Concen: 0.049 ppbv m
RT: 7.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VL035227.D
Acq: 23 Jul 2020 13:57

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	74.8	112.2
121	18.2	24.2	36.2#

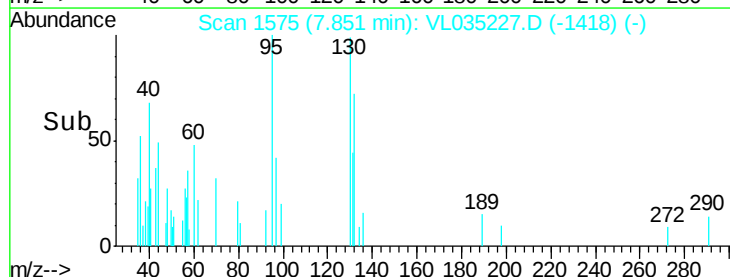
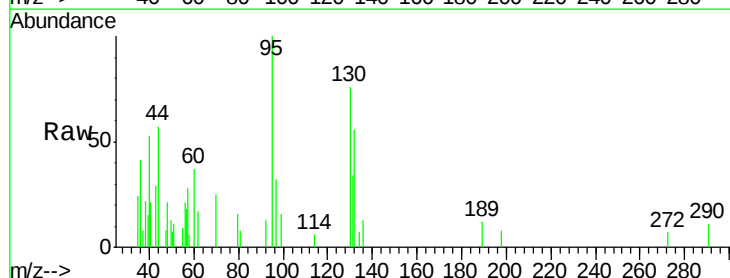
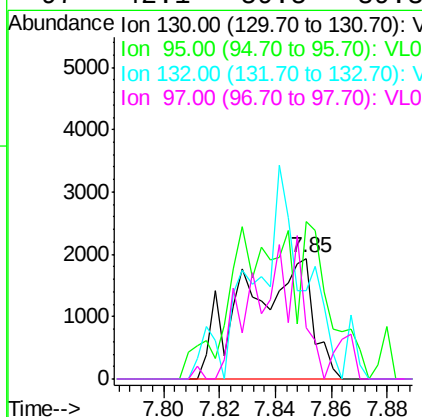
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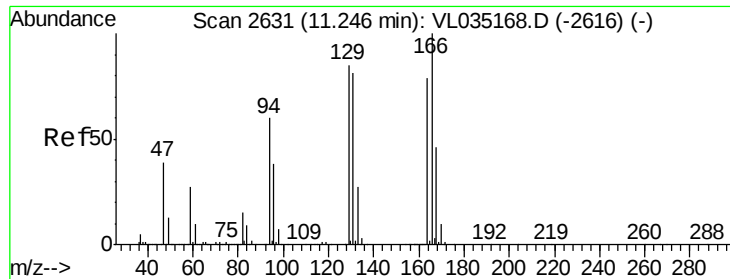
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#38
Trichloroethene
Concen: 0.038 ppbv m
RT: 7.85 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VL035227.D
Acq: 23 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	130.7	93.8	140.8
132	72.9	75.0	112.4#
97	42.1	59.5	89.3#





#52

Tetrachloroethene

Concen: 0.042 ppbv m

RT: 11.25 min Scan# 2631

Delta R.T. -0.00 min

Lab File: VL035227.D

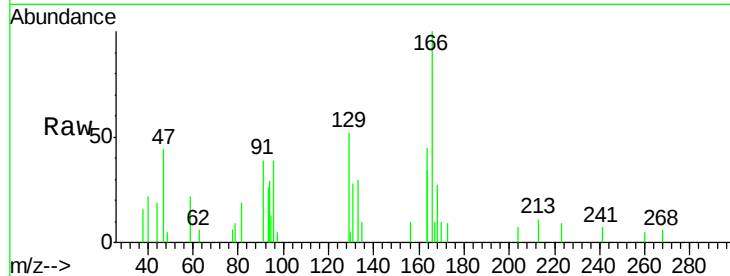
Acq: 23 Jul 2020 13:57

Instrument :

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ClientSampleId :

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Tgt Ion:164 Resp: 3314

Ion Ratio Lower Upper

164 100

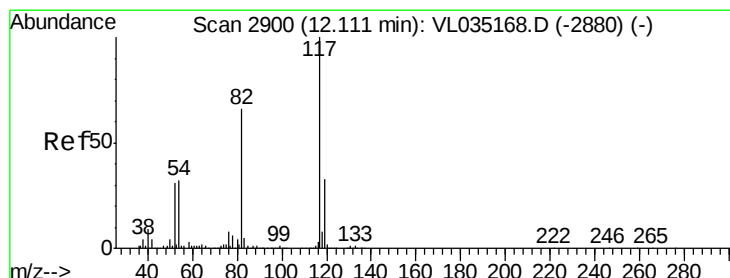
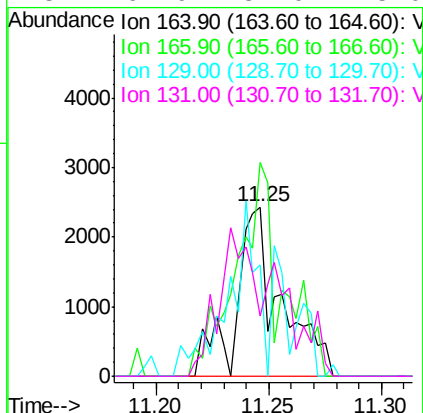
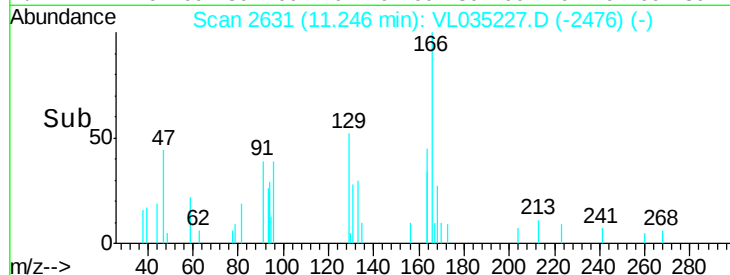
166 223.1 100.7 151.1#

129 116.1 85.8 128.6

131 62.9 82.0 123.0#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2900

Delta R.T. -0.00 min

Lab File: VL035227.D

Acq: 23 Jul 2020 13:57

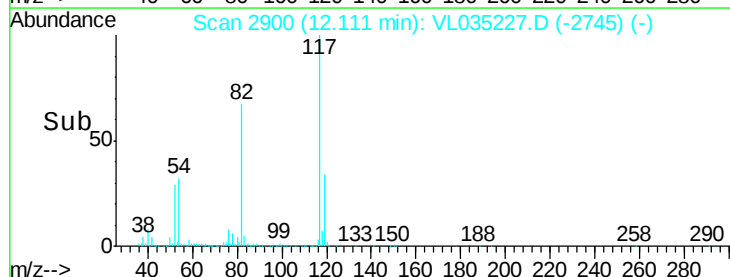
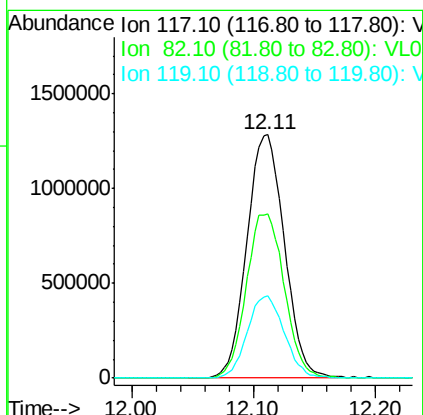
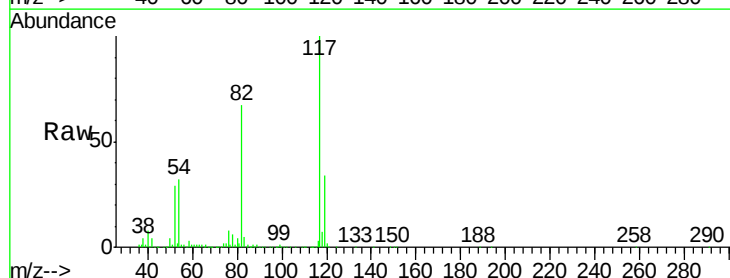
Tgt Ion:117 Resp: 2719729

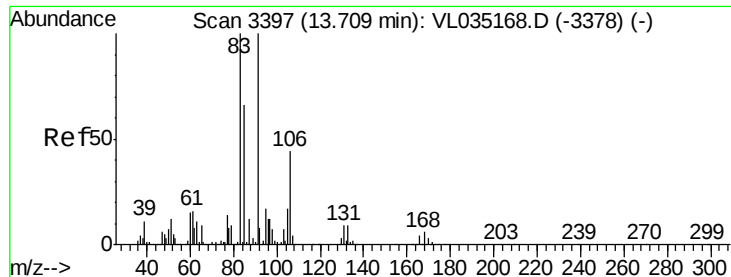
Ion Ratio Lower Upper

117 100

82 68.4 52.3 78.5

119 33.6 24.9 37.3





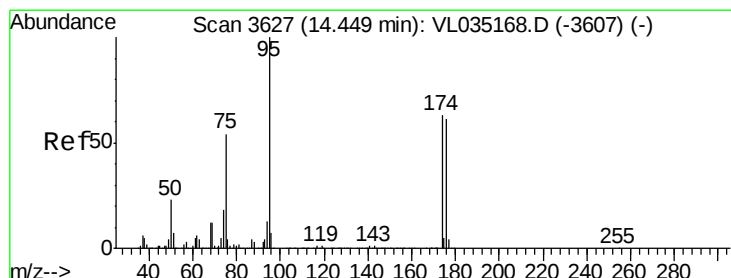
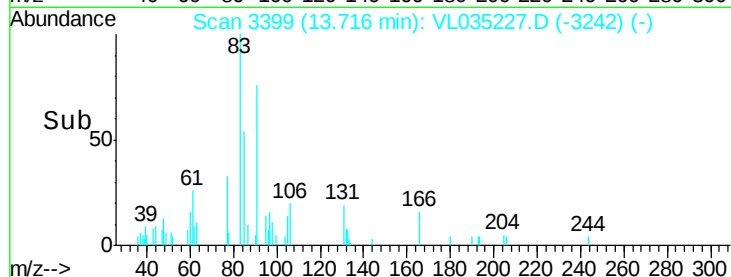
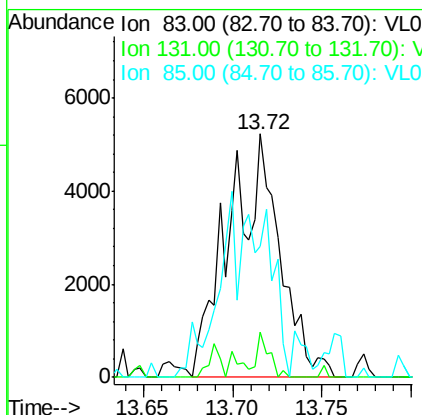
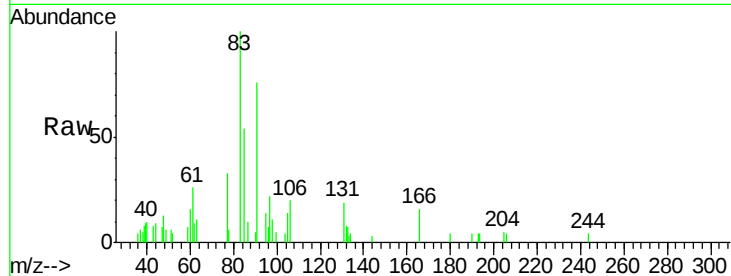
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.046 ppbv m
 RT: 13.72 min Scan# 3399
 Delta R.T. 0.01 min
 Lab File: VL035227.D
 Acq: 23 Jul 2020 13:57

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.7	14.0
85	0.0	33.0	99.0#

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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.158 ppbv
 RT: 14.45 min Scan# 3626
 Delta R.T. -0.00 min
 Lab File: VL035227.D
 Acq: 23 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.7	52.2	78.2
175	4.9	4.0	6.0

