

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051920\
 Data File : VL035067.D
 Acq On : 20 May 2020 6:02
 Operator : SY/AP
 Sample : L2683-09DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-BR-SSDL

Manual Integrations
 APPROVED

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Quant Time: May 20 08:21:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1069718	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2457668	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2383977	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2015478	10.44	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.56	45	138623	7.927	ppbv	97
15) Acetone	3.82	43	92004	0.651	ppbv	92
52) Tetrachloroethene	11.22	164	36752m	0.510	ppbv	

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

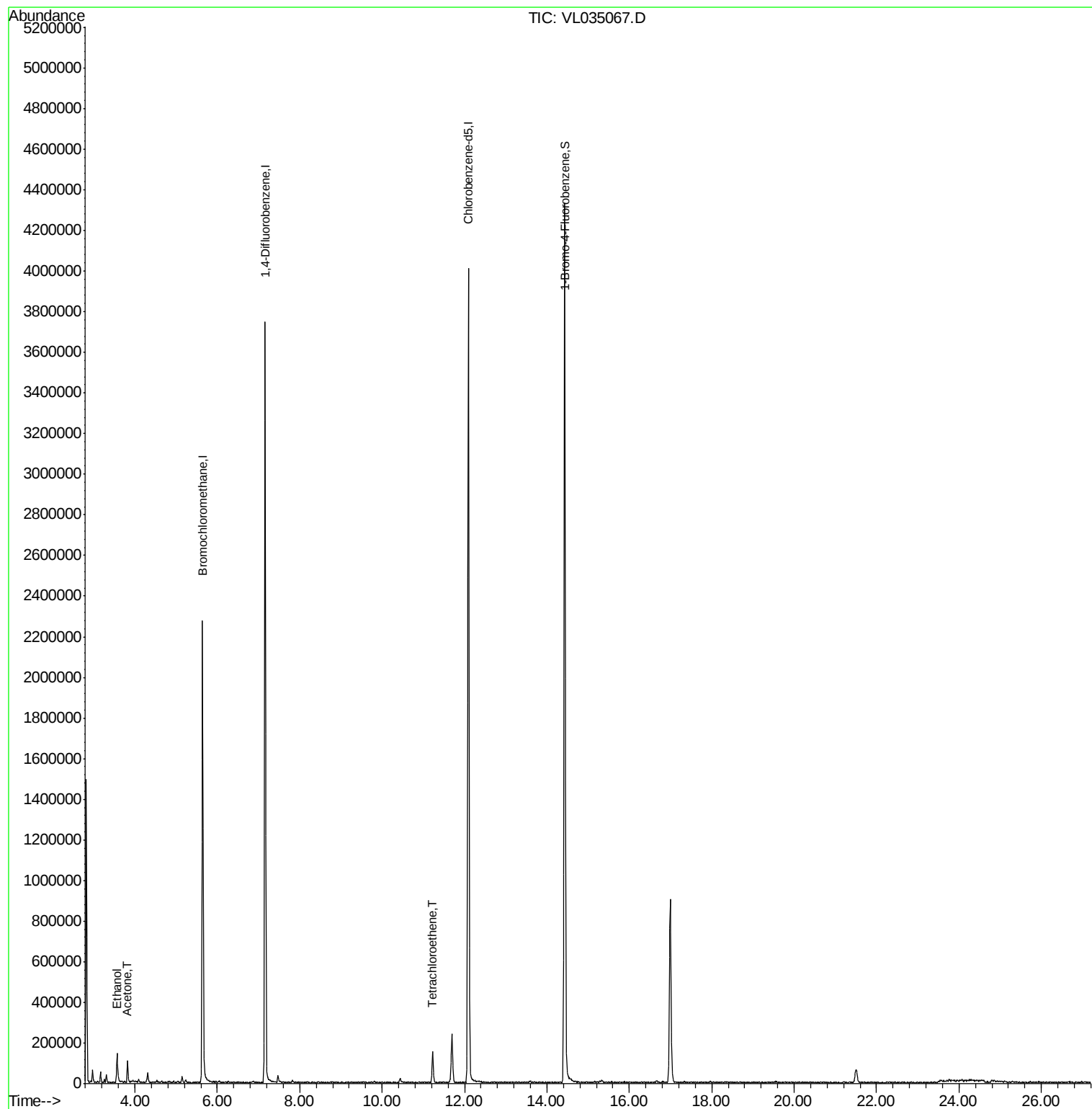
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051920\
Data File : VL035067.D
Acq On : 20 May 2020 6:02
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

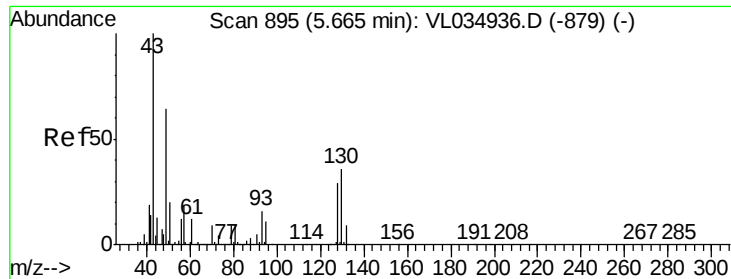
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: May 20 08:21:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
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#1

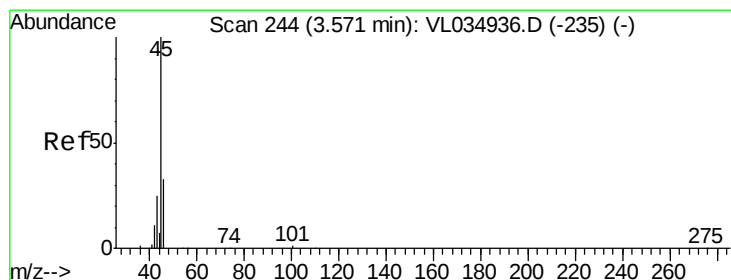
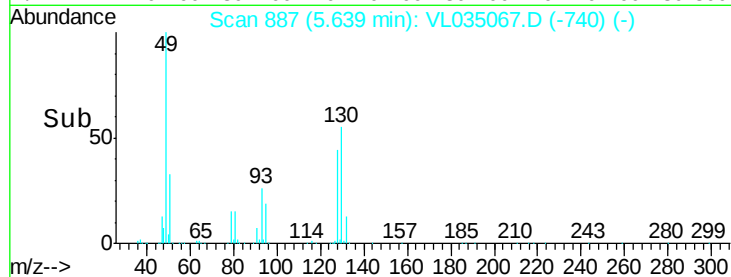
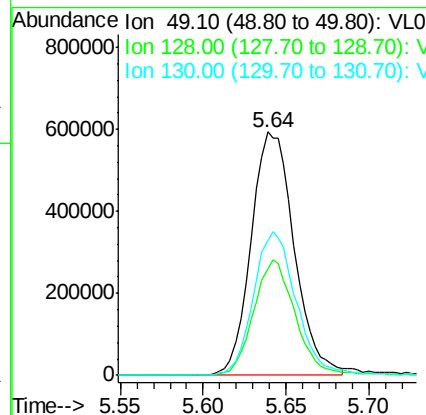
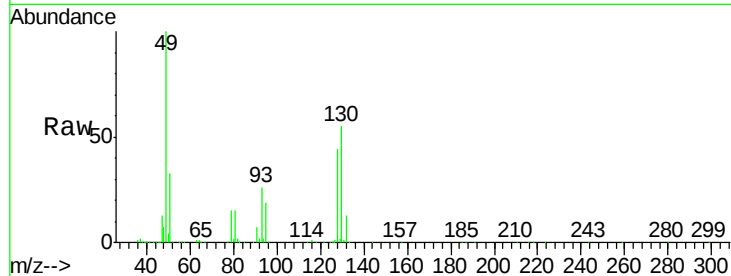
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 887
 Delta R.T. -0.03 min
 Lab File: VL035067.D
 Acq: 20 May 2020 6:02

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-BR-SSDL

Tot Ion	Ratio	Lower	Upper
49	100		
128	46.6	22.1	66.5
130	58.9	29.1	87.3

Manual Integrations
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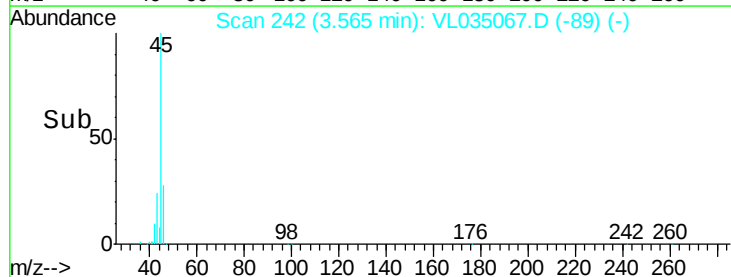
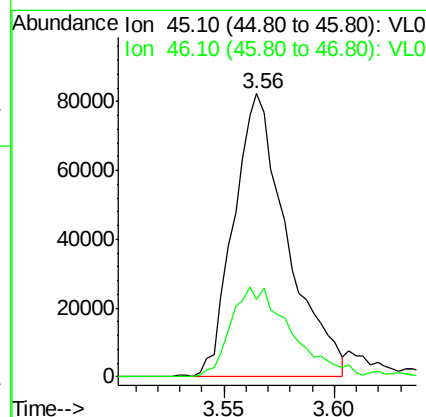
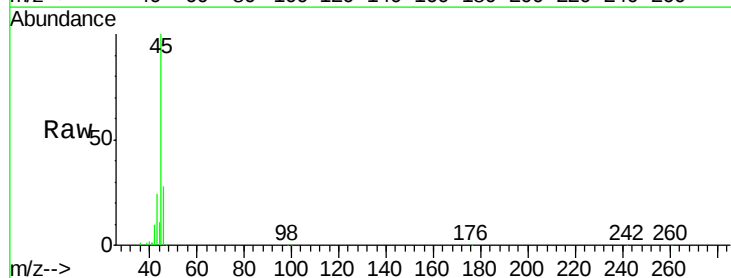
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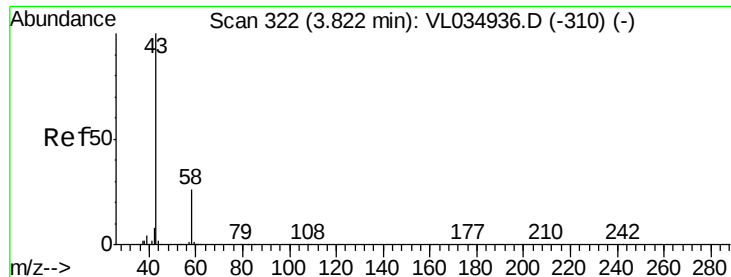


#13

Ethanol
 Concen: 7.927 ppbv
 RT: 3.56 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VL035067.D
 Acq: 20 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
45	100		
46	37.4	14.3	57.3





#15

Acetone

Concen: 0.651 ppbv

RT: 3.82 min Scan# 321

Delta R.T. -0.00 min

Lab File: VL035067.D

Acq: 20 May 2020 6:02

Instrument :

MSVOA_L

ClientSampleId :

IR-BR-SSDL

Tot Ion: 43 Resp: 92004

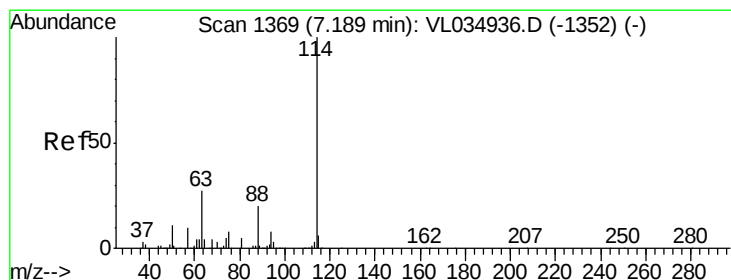
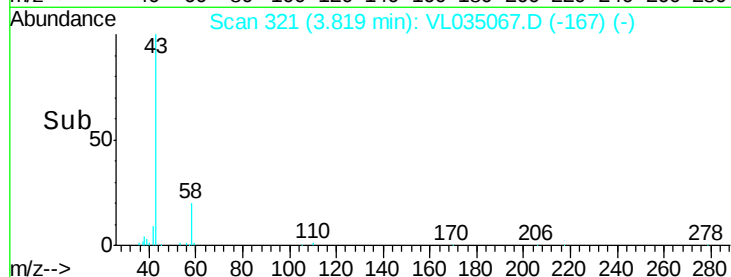
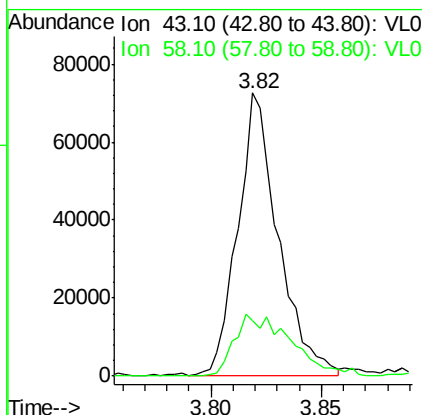
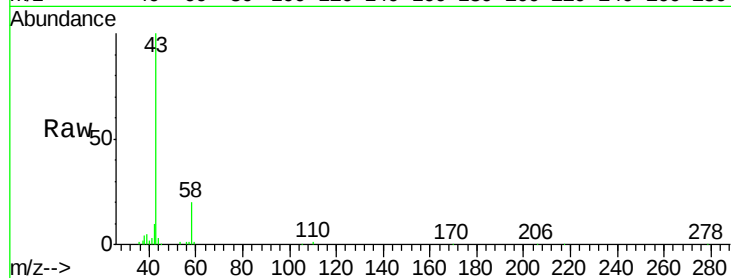
Ion Ratio Lower Upper

43 100

58 31.3 21.7 32.5

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.03 min

Lab File: VL035067.D

Acq: 20 May 2020 6:02

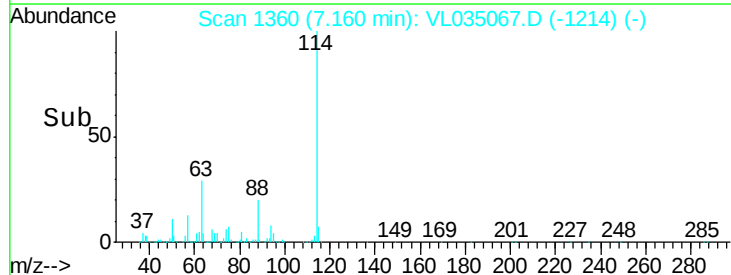
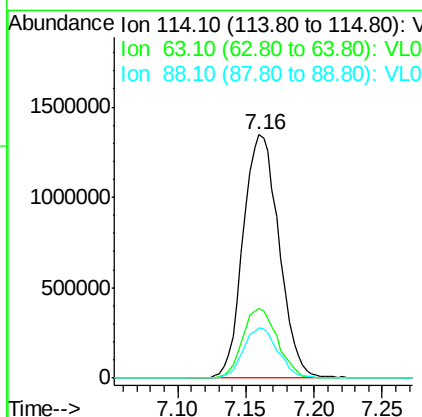
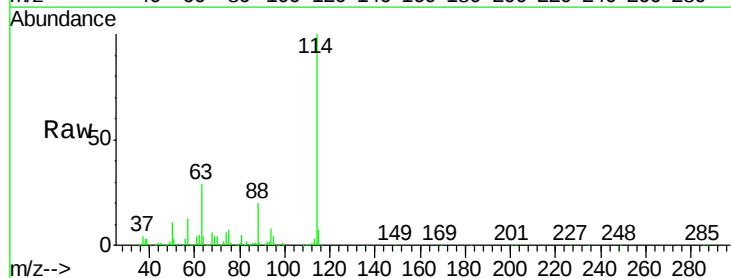
Tgt Ion: 114 Resp: 2457668

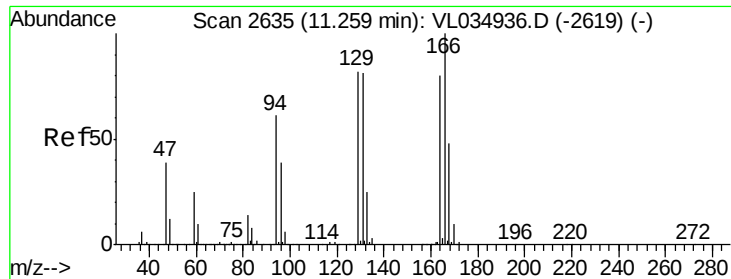
Ion Ratio Lower Upper

114 100

63 28.1 22.2 33.4

88 19.8 15.5 23.3





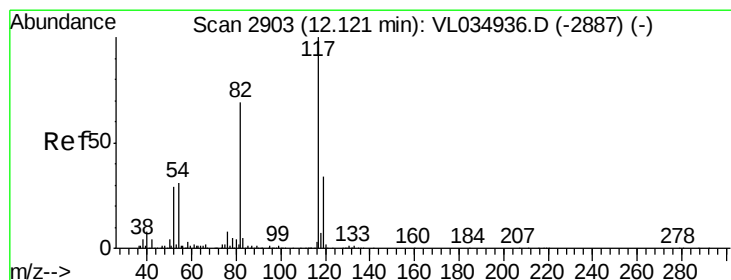
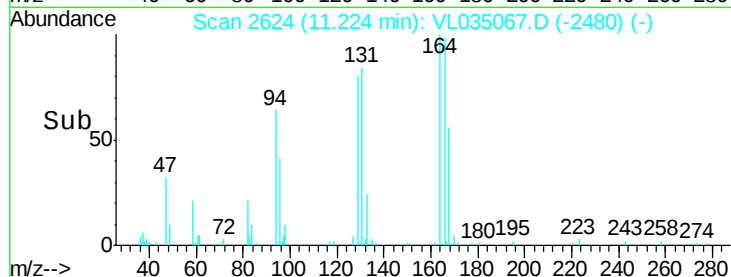
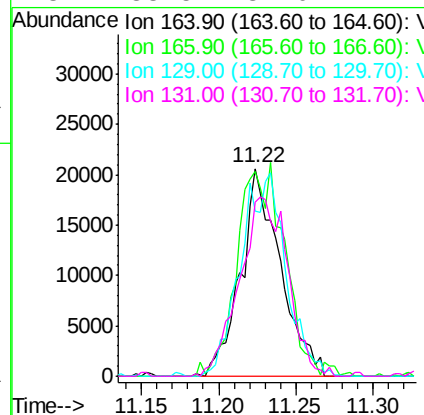
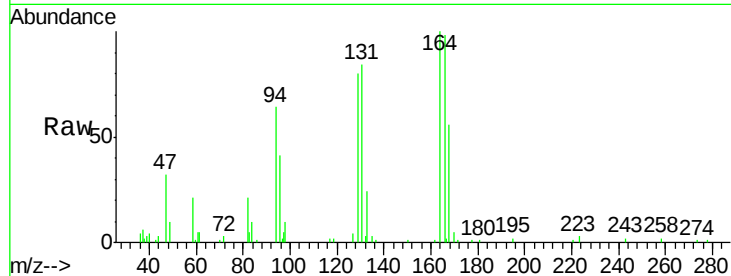
#52
Tetrachloroethene
Concen: 0.510 ppbv m
RT: 11.22 min Scan# 2624
Delta R.T. -0.04 min
Lab File: VL035067.D
Acq: 20 May 2020 6:02

Instrument :
MSVOA_L
ClientSampleId :
IR-BR-SSDL

Tot Ion	Ratio	Lower	Upper
164	100		
166	98.5	100.7	151.1#
129	79.6	83.0	124.4#
131	83.5	81.0	121.4

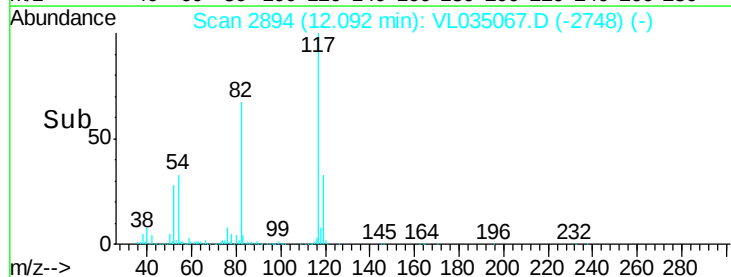
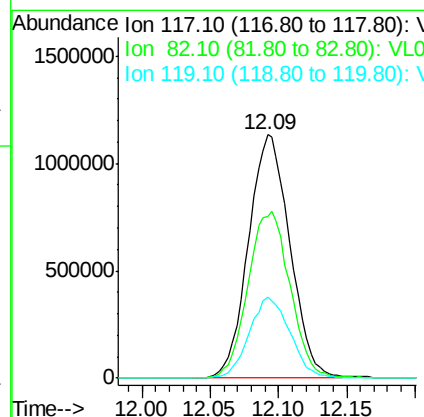
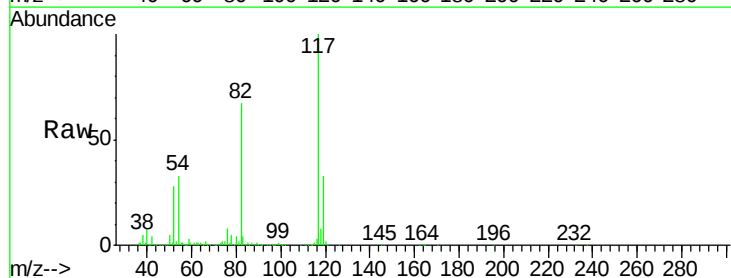
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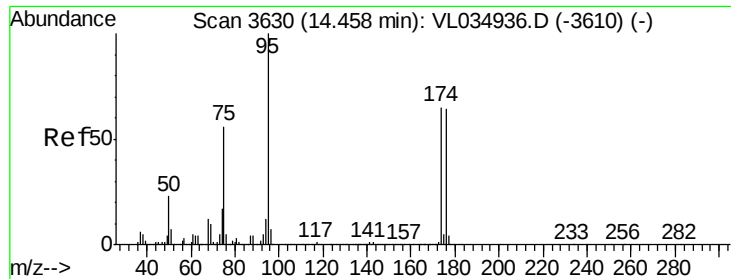
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.03 min
Lab File: VL035067.D
Acq: 20 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	70.4	53.1	79.7
119	33.0	26.7	40.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.445 ppbv
 RT: 14.43 min Scan# 3622
 Delta R.T. -0.03 min
 Lab File: VL035067.D
 Acq: 20 May 2020 6:02

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-BR-SSDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	63.2	51.5	77.3
175	4.8	3.8	5.8

Manual Integrations
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