

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051920\
 Data File : VL035064.D
 Acq On : 20 May 2020 4:06
 Operator : SY/AP
 Sample : L2683-08DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-PR-SSDL

Manual Integrations
 APPROVED

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 5/20/2020 4:28:13 PM

Quant Time: May 20 07:32:46 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	1107451	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2485136	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2398192	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2004575	10.33	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	10157m	0.185	ppbv	
13) Ethanol	3.57	45	53313m	2.945	ppbv	
15) Acetone	3.82	43	146027	0.997	ppbv	94
20) Methylene Chloride	4.30	84	12648m	0.261	ppbv	
34) 2-Butanone	5.23	43	18177m	0.118	ppbv	
52) Tetrachloroethene	11.23	164	34381	0.472	ppbv	89

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

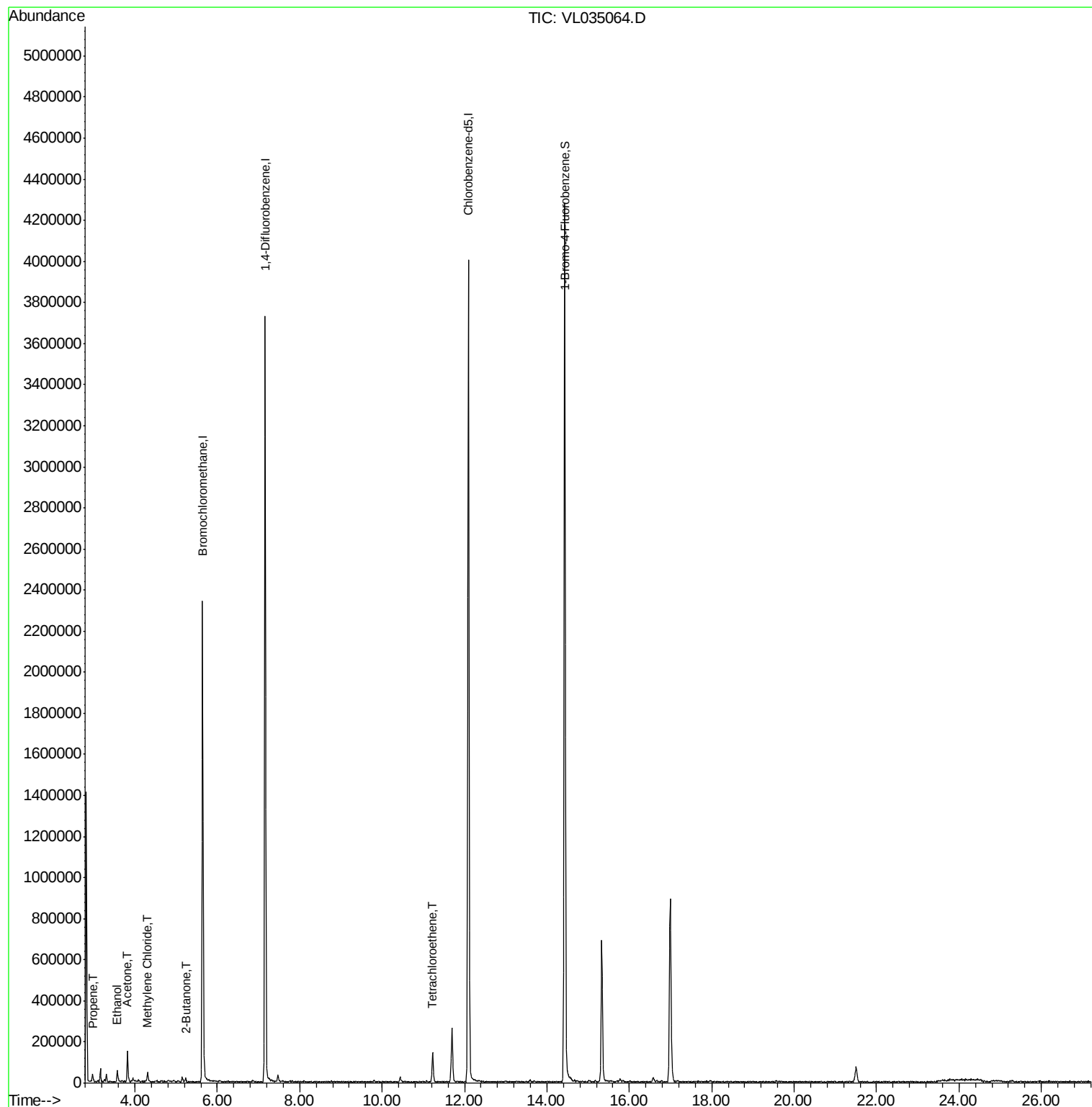
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051920\
Data File : VL035064.D
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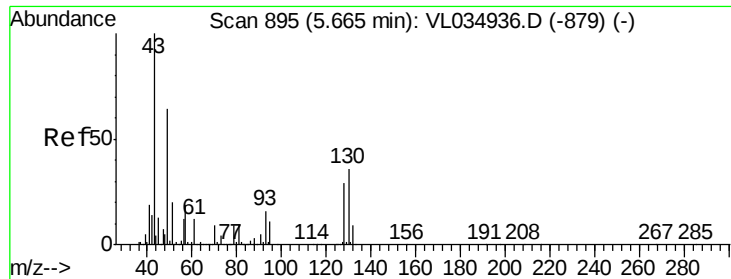
Instrument :
MSVOA_L
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Quant Time: May 20 07:32:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.02 min

Lab File: VL035064.D

Acq: 20 May 2020 4:06

Instrument :

MSVOA_L

ClientSampleId :

IR-PR-SSDL

Tot Ion: 49 Resp: 1107451

Ion Ratio Lower Upper

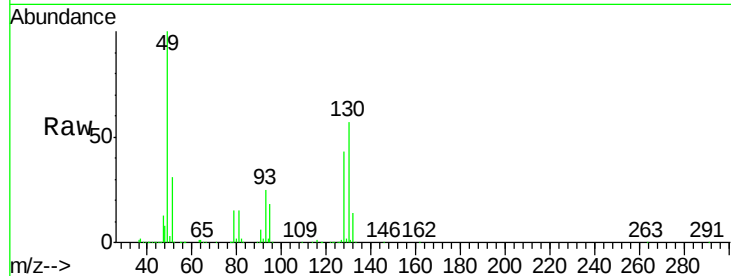
49 100

128 44.3 22.1 66.5

130 57.1 29.1 87.3

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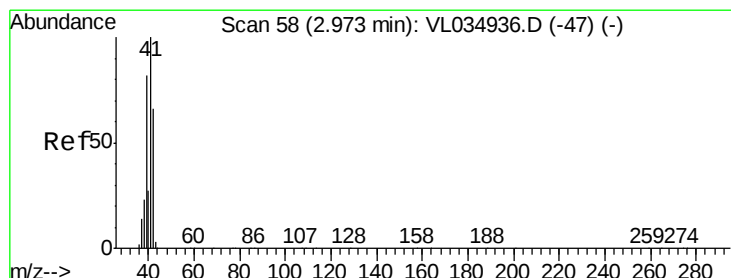
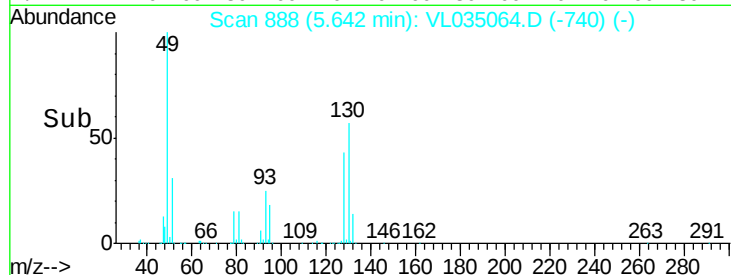
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.64

Time-->



#9

Propene

Concen: 0.185 ppbv m

RT: 2.97 min Scan# 57

Delta R.T. -0.00 min

Lab File: VL035064.D

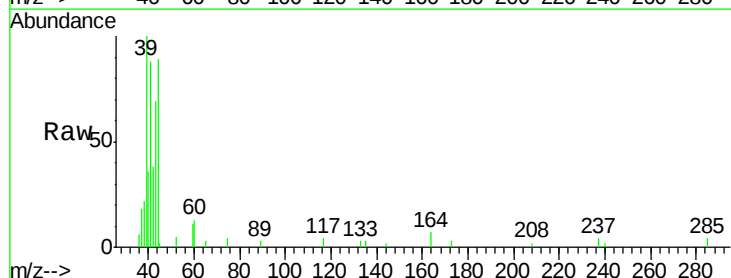
Acq: 20 May 2020 4:06

Tgt Ion: 41 Resp: 10157

Ion Ratio Lower Upper

41 100

42 57.6 54.5 81.7

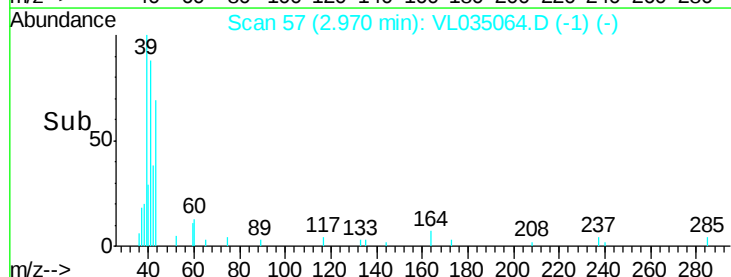


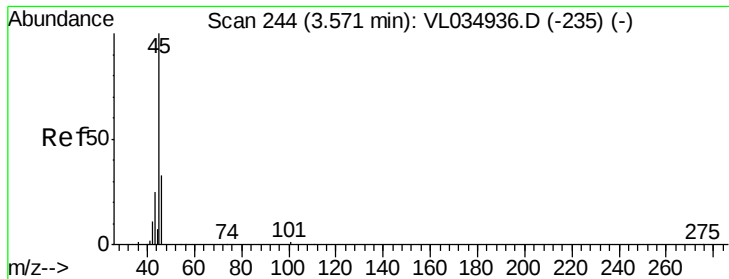
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

2.97

Time-->





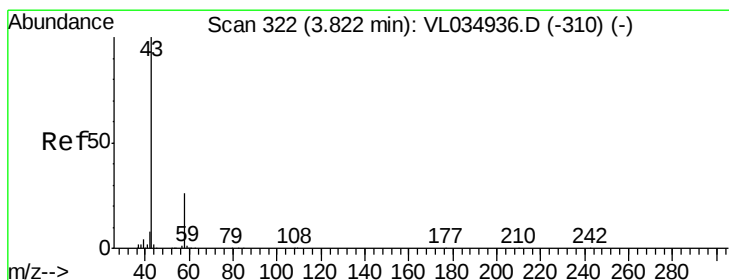
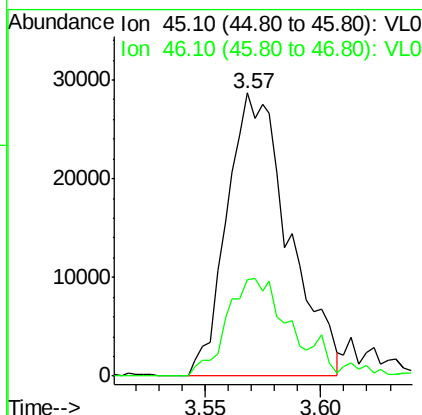
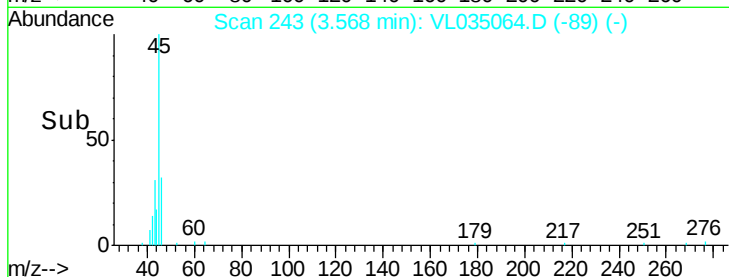
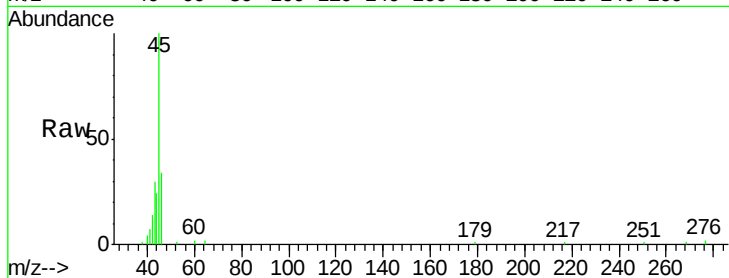
#13
Ethanol
Concen: 2.945 ppbv m
RT: 3.57 min Scan# 243
Delta R.T. -0.00 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Instrument :
MSVOA_L
ClientSampleId :
IR-PR-SSDL

Tot Ion: 45 Resp: 53313
Ion Ratio Lower Upper
45 100
46 0.0 14.3 57.3#

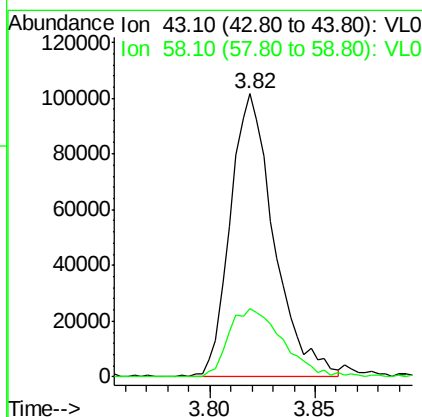
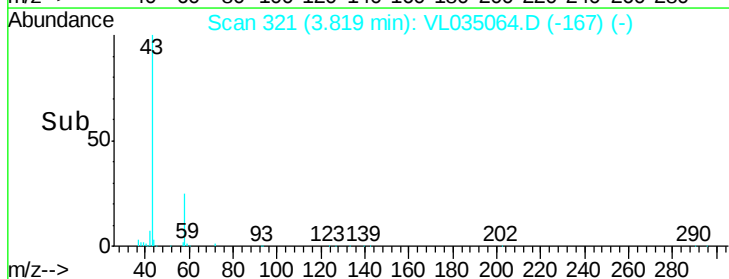
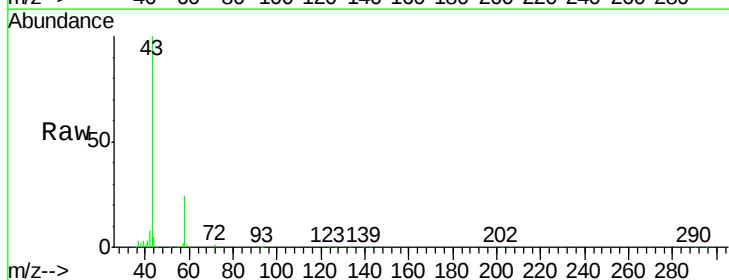
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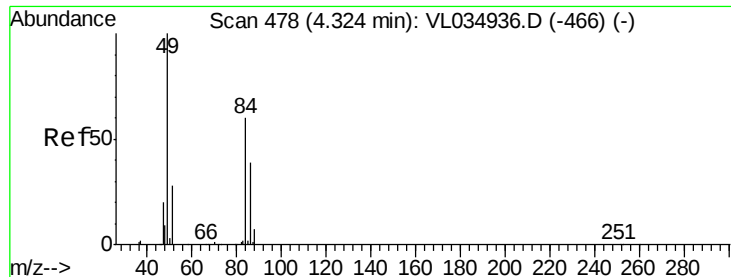
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#15
Acetone
Concen: 0.997 ppbv
RT: 3.82 min Scan# 321
Delta R.T. -0.00 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Tgt Ion: 43 Resp: 146027
Ion Ratio Lower Upper
43 100
58 30.2 21.7 32.5





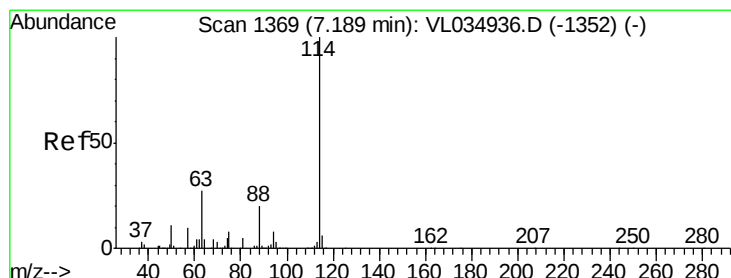
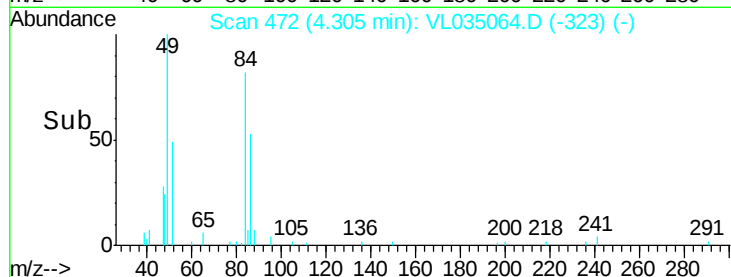
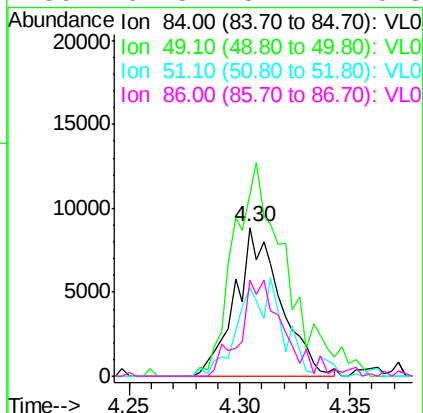
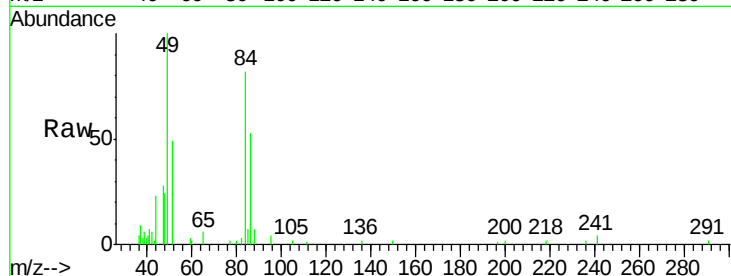
#20
Methvlene Chloride
Concen: 0.261 ppbv m
RT: 4.30 min Scan# 472
Delta R.T. -0.02 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Instrument :
MSVOA_L
ClientSampled :
IR-PR-SSDL

Tot Ion	Ratio	Lower	Upper
84	100		
49	122.1	132.5	198.7#
51	59.5	38.4	57.6#
86	64.8	51.2	76.8

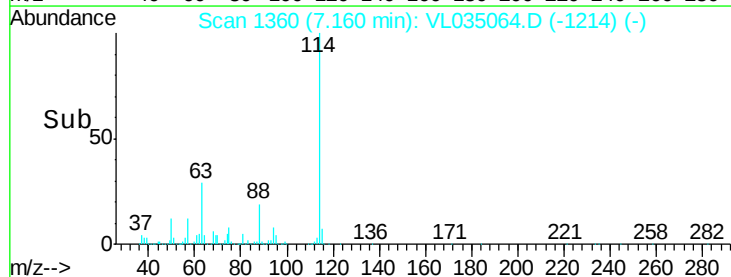
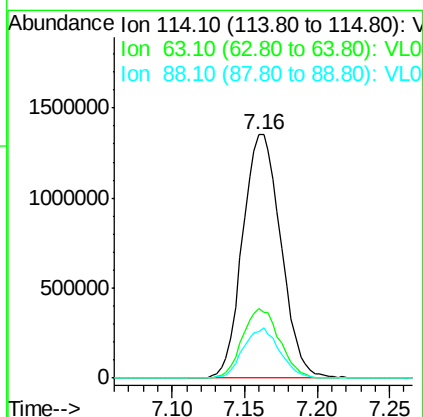
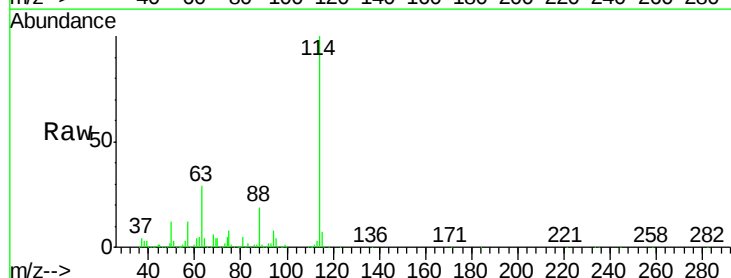
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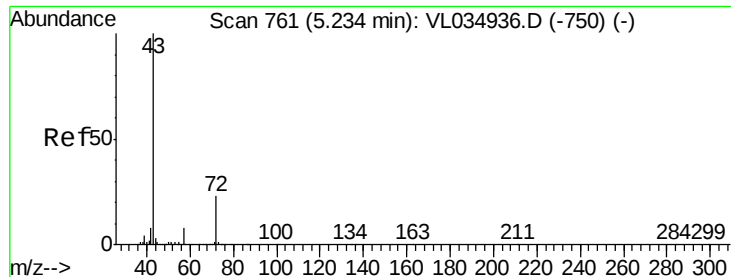
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.03 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.2	33.4
88	19.7	15.5	23.3





#34

2-Butanone

Concen: 0.118 ppbv m

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VL035064.D

Acq: 20 May 2020 4:06

Instrument :

MSVOA_L

ClientSampleId :

IR-PR-SSDL

Tot Ion: 43 Resp: 18177

Ion Ratio Lower Upper

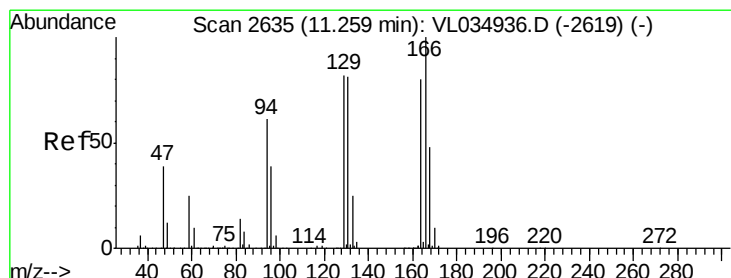
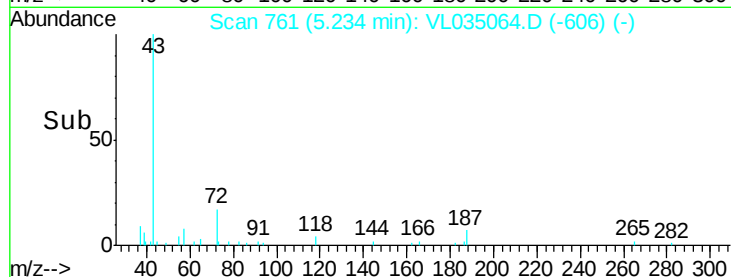
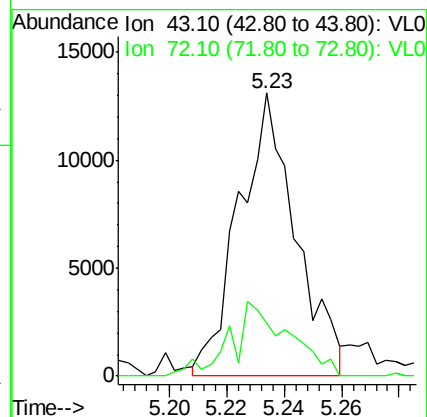
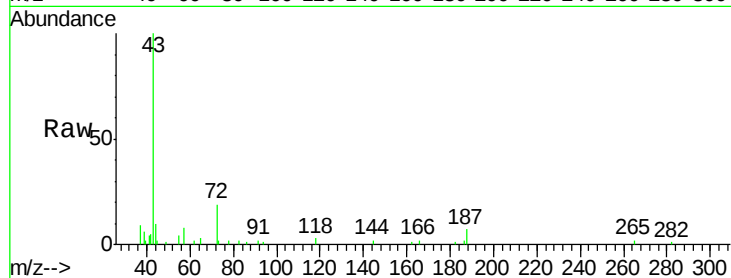
43 100

72 0.0 18.0 27.0#

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#52

Tetrachloroethene

Concen: 0.472 ppbv

RT: 11.23 min Scan# 2626

Delta R.T. -0.03 min

Lab File: VL035064.D

Acq: 20 May 2020 4:06

Tgt Ion: 164 Resp: 34381

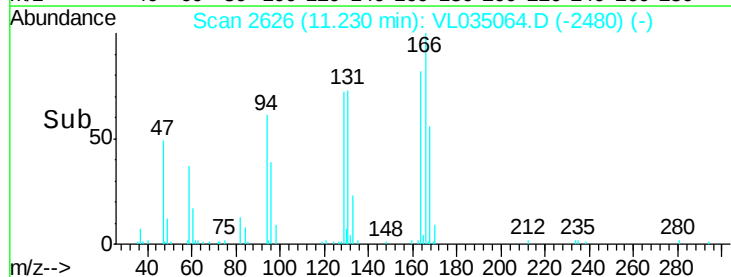
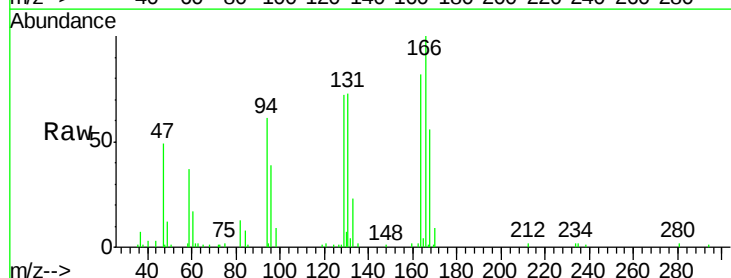
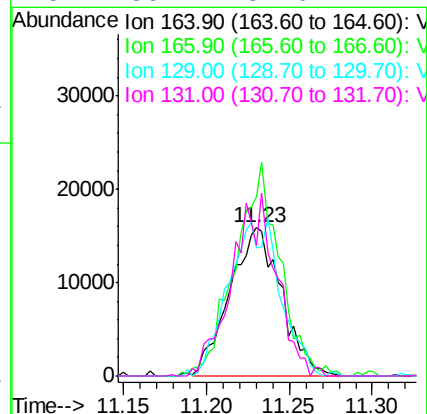
Ion Ratio Lower Upper

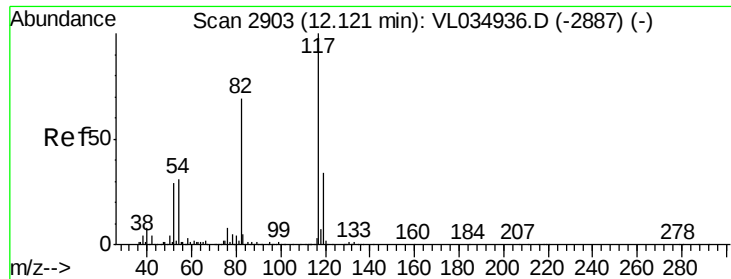
164 100

166 121.4 100.7 151.1

129 86.9 83.0 124.4

131 88.1 81.0 121.4





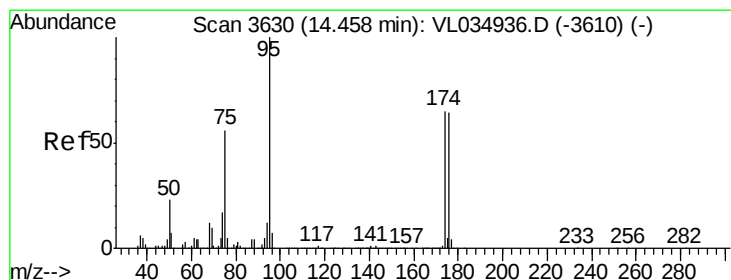
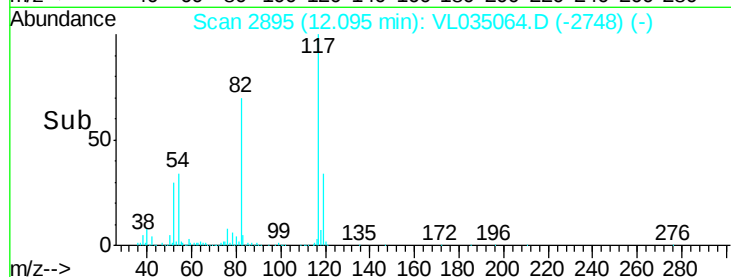
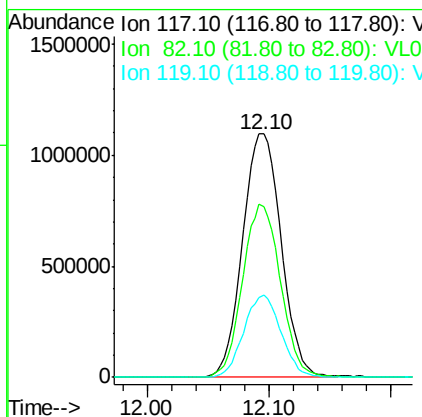
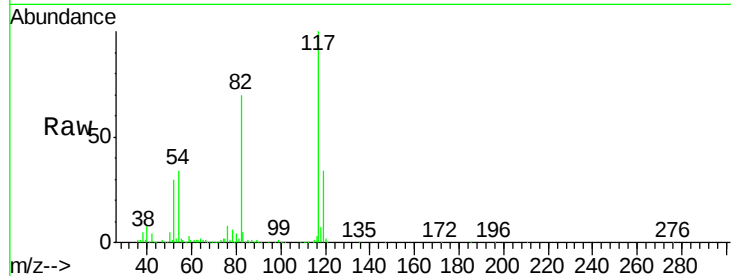
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Instrument :
MSVOA_L
ClientSampleId :
IR-PR-SSDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.0	53.1	79.7
119	32.8	26.7	40.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.326 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.03 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.4	51.5	77.3
175	4.9	3.8	5.8

