

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051920\
 Data File : VL035047.D
 Acq On : 19 May 2020 16:59
 Operator : SY/AP
 Sample : L2683-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DC-IADL

Manual Integrations
 APPROVED

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Quant Time: May 20 06:00:31 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	1120190	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2567270	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2451977	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2061446	10.39	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	6718	0.121	ppbv #	79
13) Ethanol	3.58	45	21063m	1.150	ppbv	
15) Acetone	3.82	43	115950	0.783	ppbv	94
20) Methylene Chloride	4.31	84	26299	0.536	ppbv #	72
26) Hexane	5.66	57	15560m	0.144	ppbv	
52) Tetrachloroethene	11.24	164	11367m	0.151	ppbv	

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

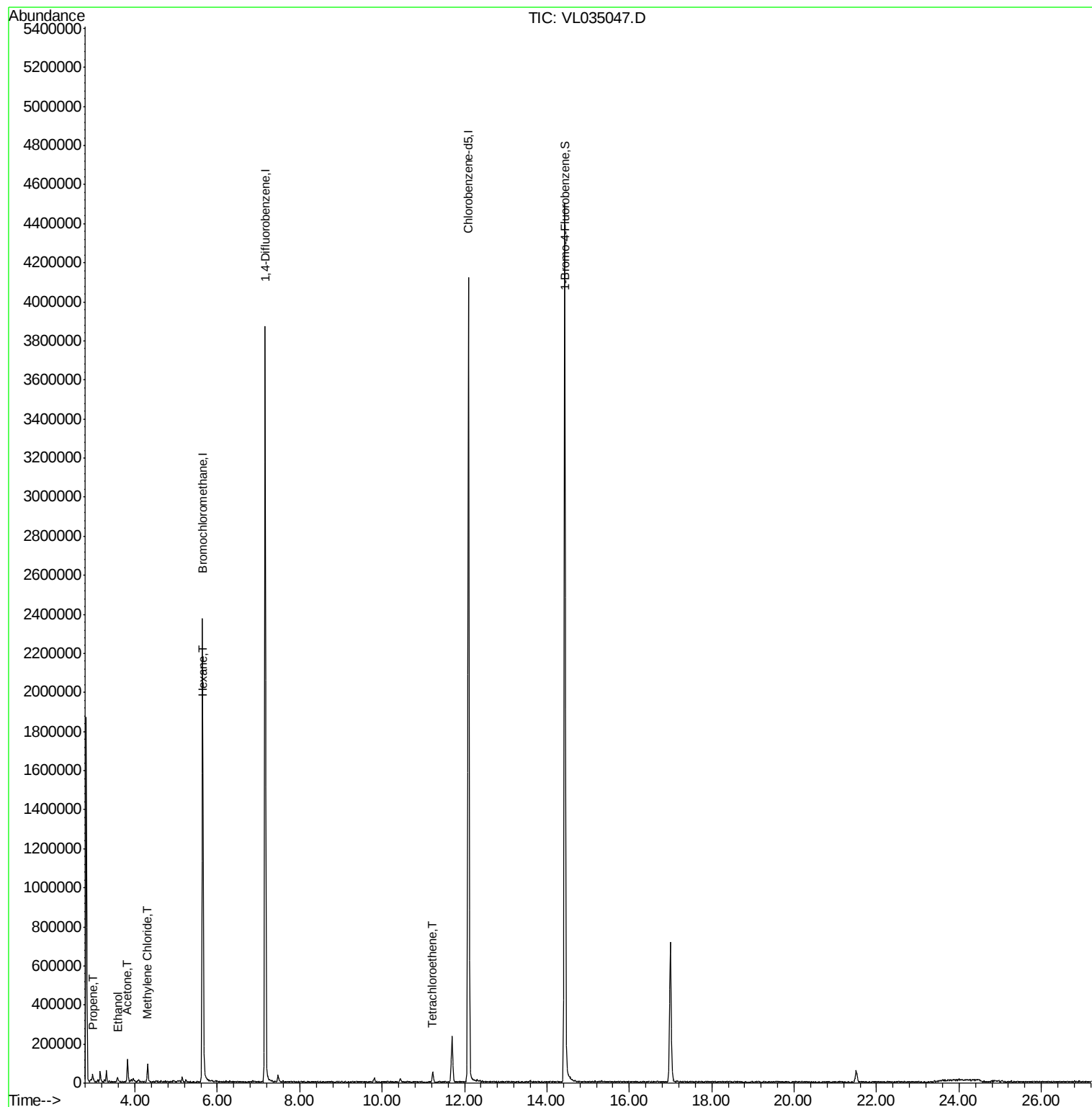
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051920\
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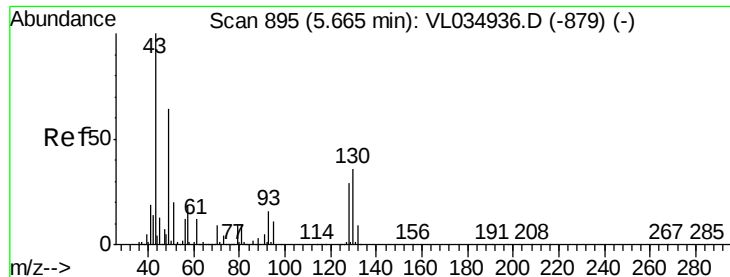
Instrument :
MSVOA_L
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Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May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





#1

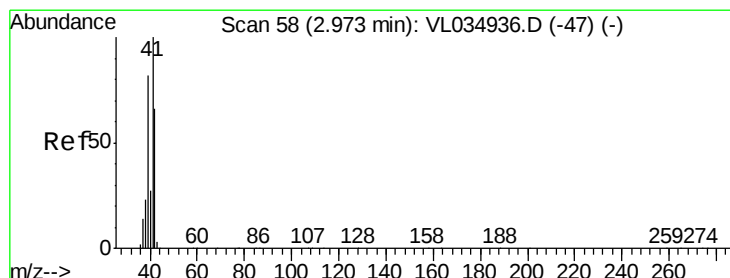
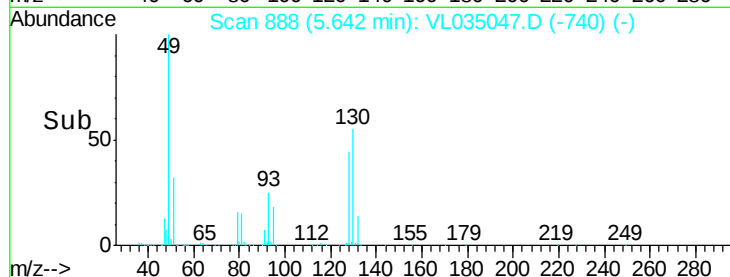
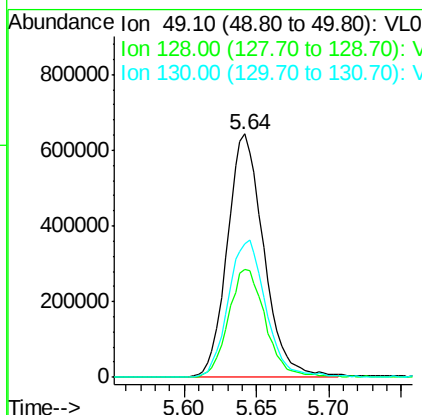
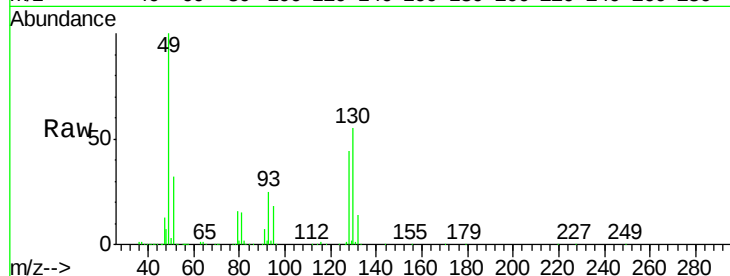
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: VL035047.D
 Acq: 19 May 2020 16:59

Instrument :
 MSVOA_L
 ClientSampleId :
 DC-IADL

Tot Ion: 49 Resp: 1120190
 Ion Ratio Lower Upper
 49 100
 128 45.9 22.1 66.5
 130 58.6 29.1 87.3

Manual Integrations
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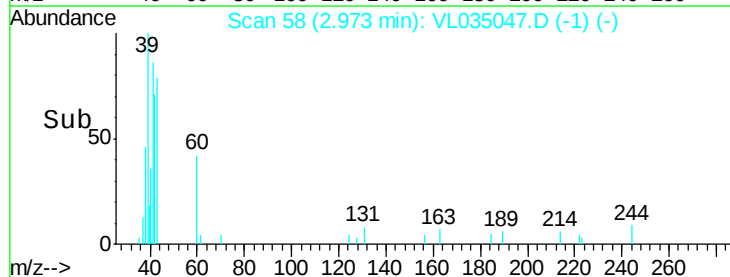
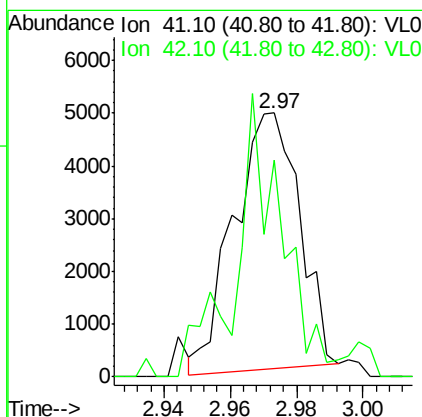
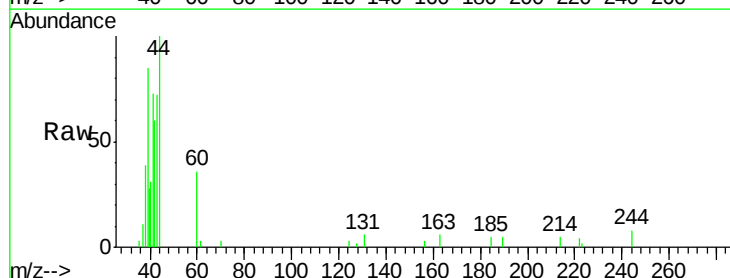
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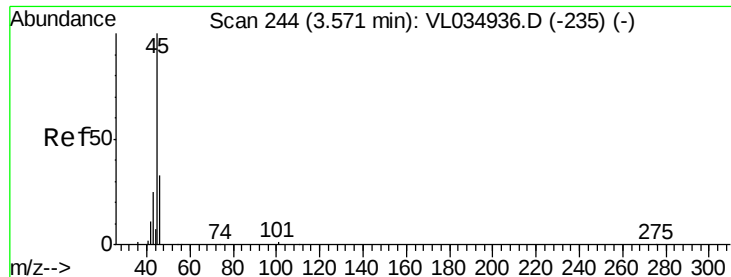


#9

Propene
 Concen: 0.121 ppbv
 RT: 2.97 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: VL035047.D
 Acq: 19 May 2020 16:59

Tgt Ion: 41 Resp: 6718
 Ion Ratio Lower Upper
 41 100
 42 85.3 54.5 81.7#





#13

Ethanol

Concen: 1.150 ppbv m

RT: 3.58 min Scan# 246

Delta R.T. 0.01 min

Lab File: VL035047.D

Acq: 19 May 2020 16:59

Instrument :

MSVOA_L

ClientSampled :

DC-IADL

Tot Ion: 45 Resp: 21063

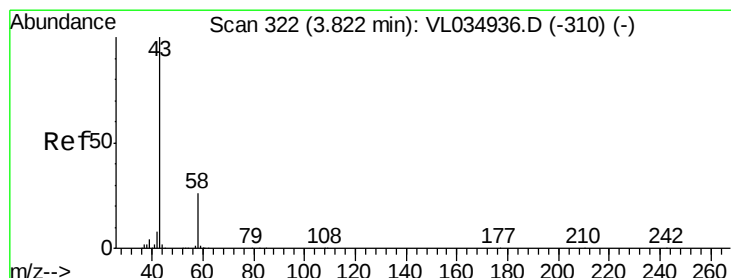
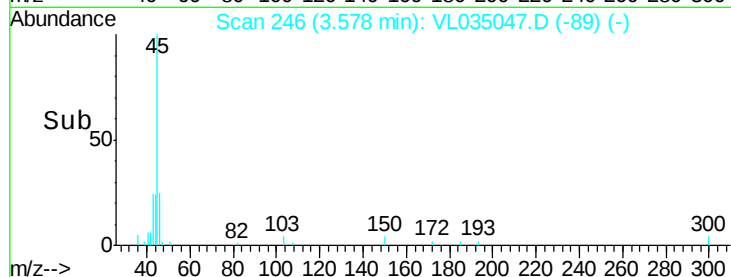
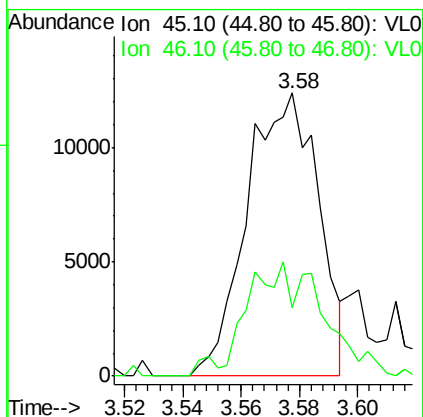
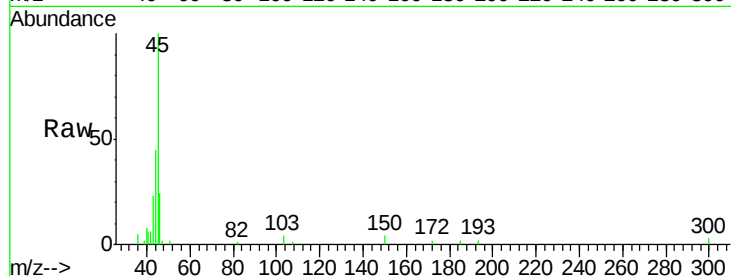
Ion Ratio Lower Upper

45 100

46 0.0 14.3 57.3#

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#15

Acetone

Concen: 0.783 ppbv

RT: 3.82 min Scan# 320

Delta R.T. -0.01 min

Lab File: VL035047.D

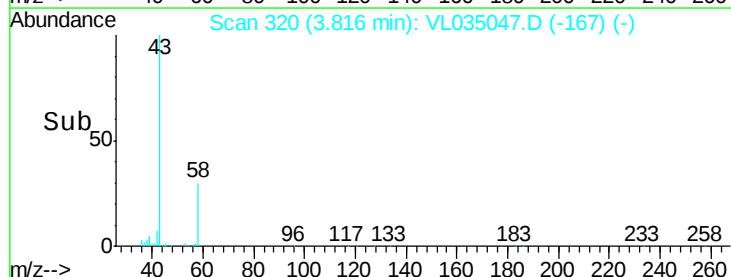
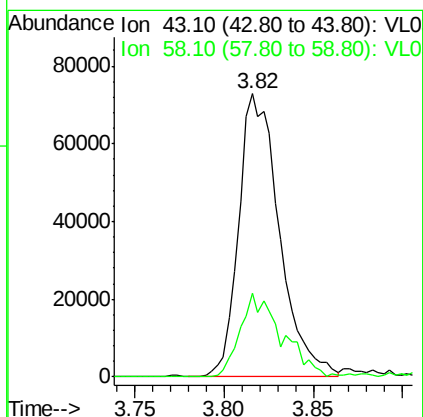
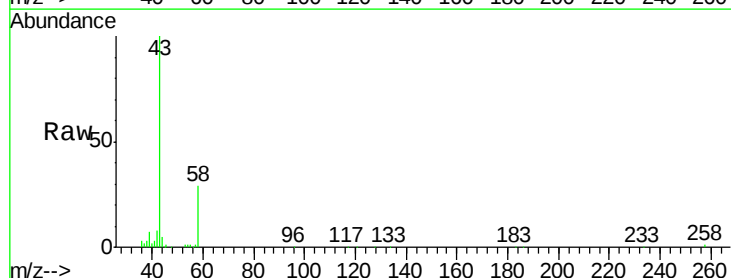
Acq: 19 May 2020 16:59

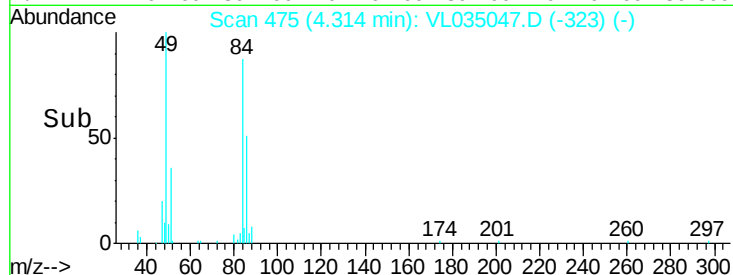
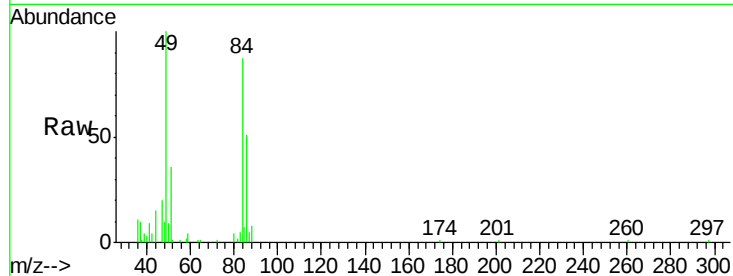
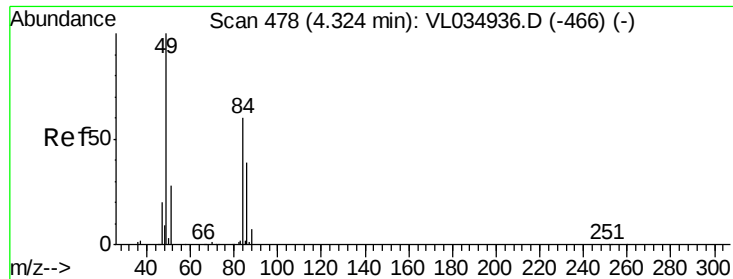
Tgt Ion: 43 Resp: 115950

Ion Ratio Lower Upper

43 100

58 30.3 21.7 32.5





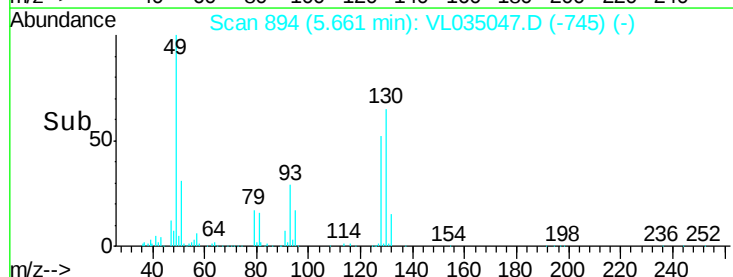
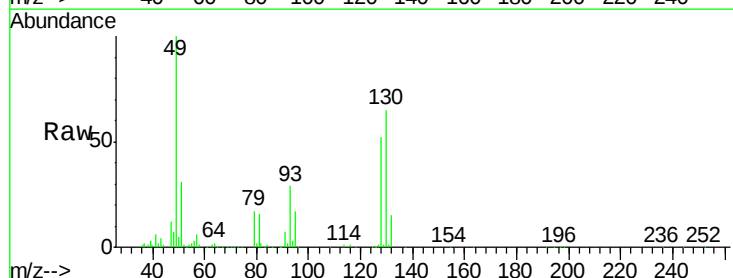
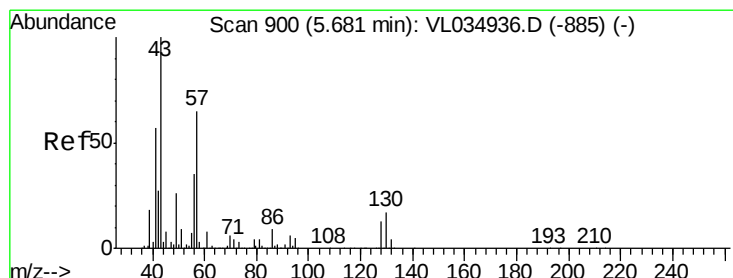
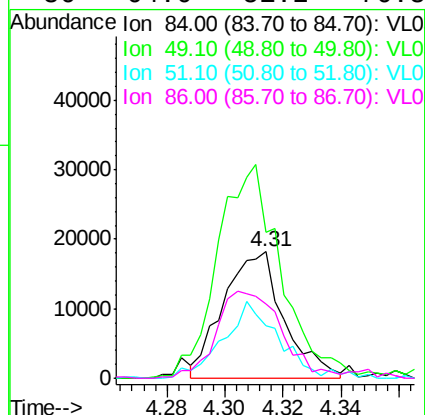
#20
Methvlene Chloride
Concen: 0.536 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.01 min
Lab File: VL035047.D
Acq: 19 May 2020 16:59

Tot Ion	Ratio	Lower	Upper
84	100		
49	107.6	132.5	198.7#
51	40.7	38.4	57.6
86	64.0	51.2	76.8

Instrument :
MSVOA_L
ClientSampleId :
DC-IADL

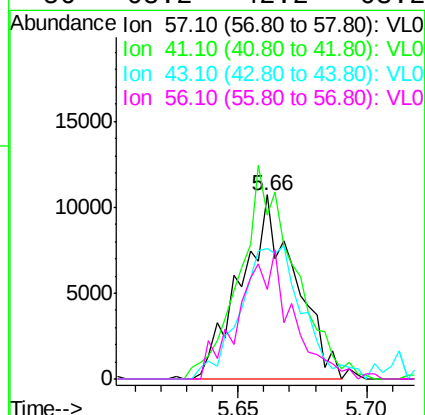
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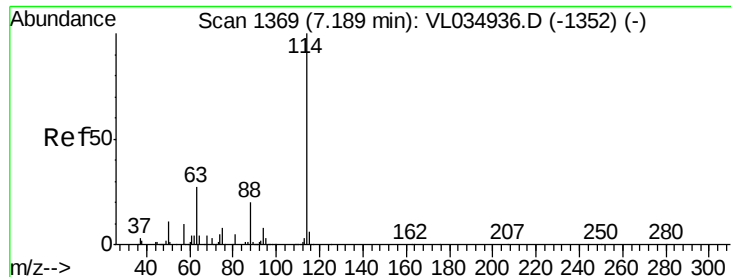
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#26
Hexane
Concen: 0.144 ppbv m
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL035047.D
Acq: 19 May 2020 16:59

Tgt Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.7	109.1#
43	83.4	182.1	273.1#
56	68.2	42.2	63.2#





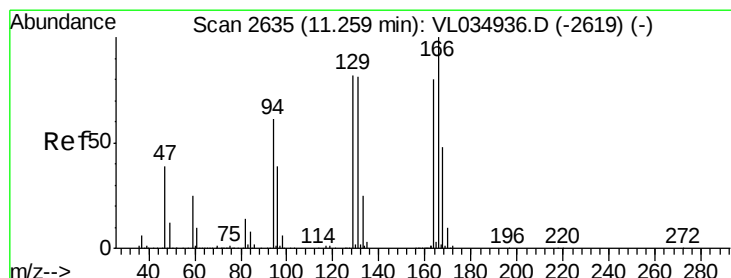
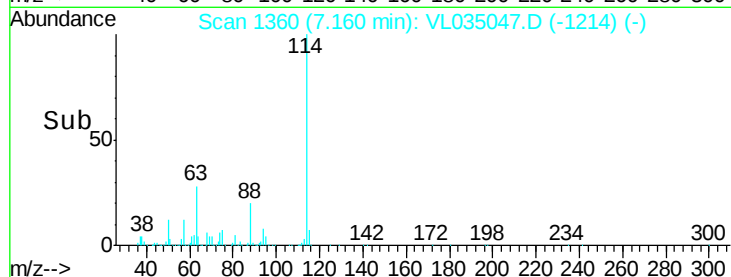
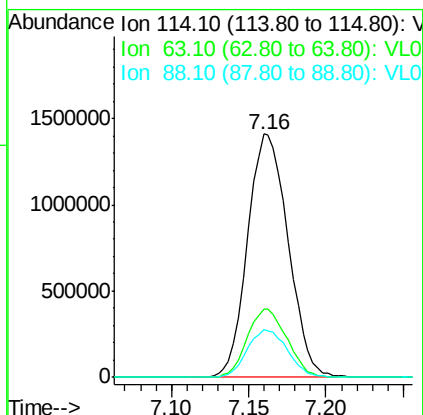
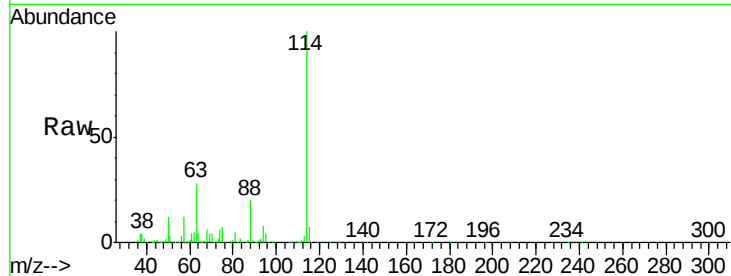
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.03 min
 Lab File: VL035047.D
 Acq: 19 May 2020 16:59

Instrument :
 MSVOA_L
 ClientSampleId :
 DC-IADL

Tot Ion:114 Resp: 2567270
 Ion Ratio Lower Upper
 114 100
 63 27.9 22.2 33.4
 88 19.4 15.5 23.3

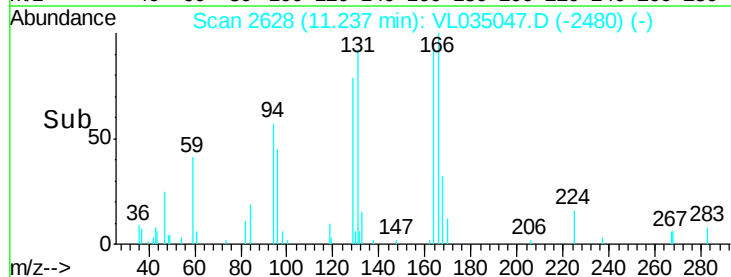
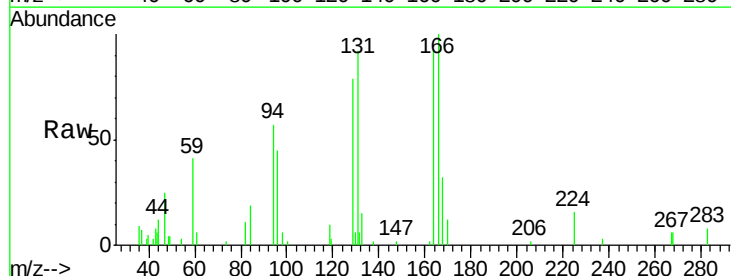
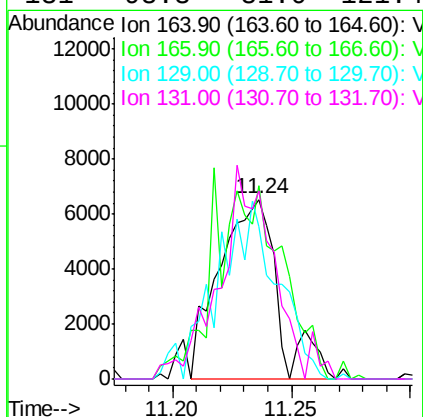
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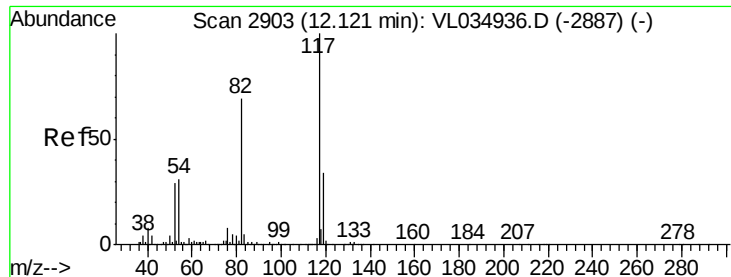
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#52
 Tetrachloroethene
 Concen: 0.151 ppbv m
 RT: 11.24 min Scan# 2628
 Delta R.T. -0.02 min
 Lab File: VL035047.D
 Acq: 19 May 2020 16:59

Tgt Ion:164 Resp: 11367
 Ion Ratio Lower Upper
 164 100
 166 107.4 100.7 151.1
 129 84.5 83.0 124.4
 131 98.3 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: VL035047.D

Acq: 19 May 2020 16:59

Instrument :

MSVOA_L

ClientSampleId :

DC-IADL

Tot Ion:117 Resp: 2451977

Ion Ratio Lower Upper

117 100

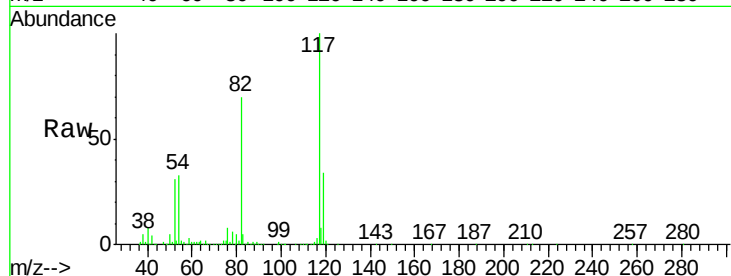
82 70.1 53.1 79.7

119 33.1 26.7 40.1

Manual Integrations
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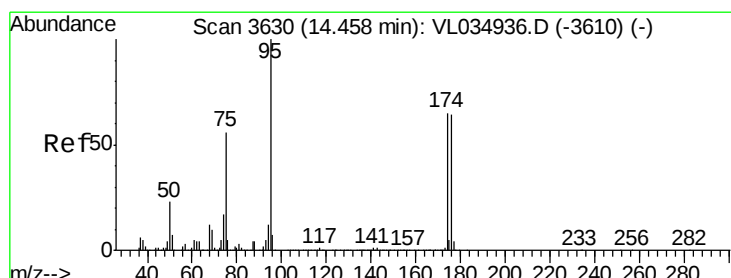
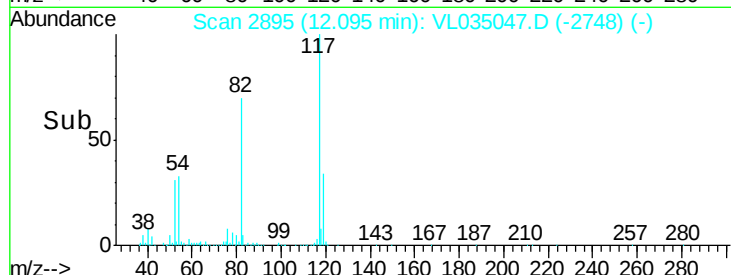
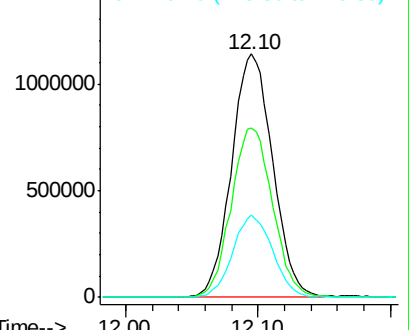
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.387 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. -0.03 min

Lab File: VL035047.D

Acq: 19 May 2020 16:59

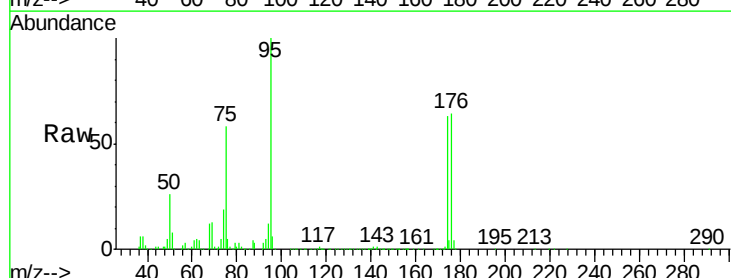
Tgt Ion: 95 Resp: 2061446

Ion Ratio Lower Upper

95 100

174 65.0 51.5 77.3

175 4.8 3.8 5.8



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

