

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051920\
 Data File : VL035066.D
 Acq On : 20 May 2020 5:25
 Operator : SY/AP
 Sample : L2683-09DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-BR-SSDL

Manual Integrations
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Quant Time: May 20 10:01:12 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	1123789	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2530122	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2424579	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2028294	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	43449	0.780	ppbv	# 74
13) Ethanol	3.56	45	535461	29.146	ppbv	99
15) Acetone	3.81	43	229236	1.543	ppbv	97
38) Trichloroethene	7.83	130	7270m	0.090	ppbv	
52) Tetrachloroethene	11.23	164	144376m	1.946	ppbv	

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

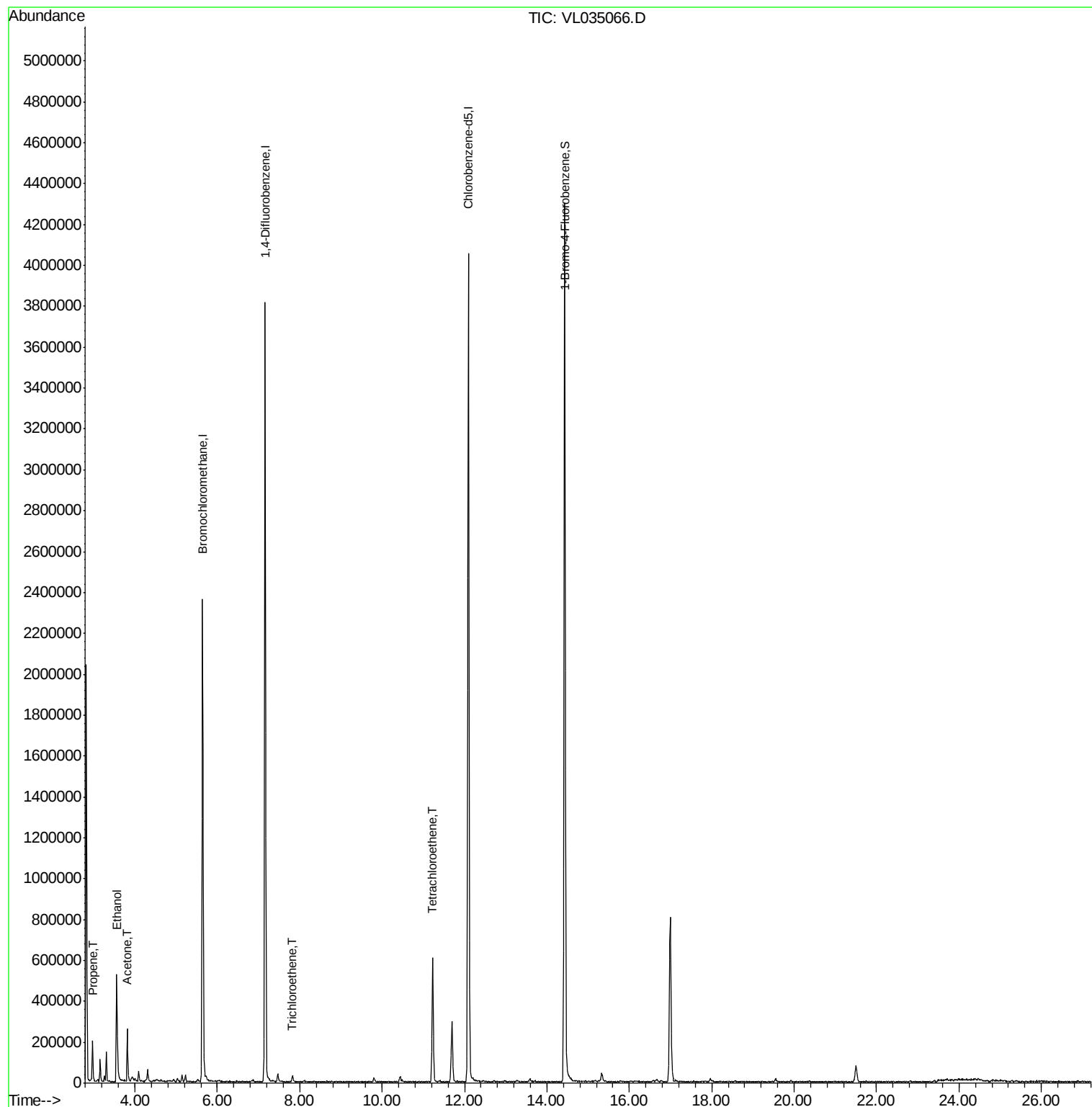
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051920\
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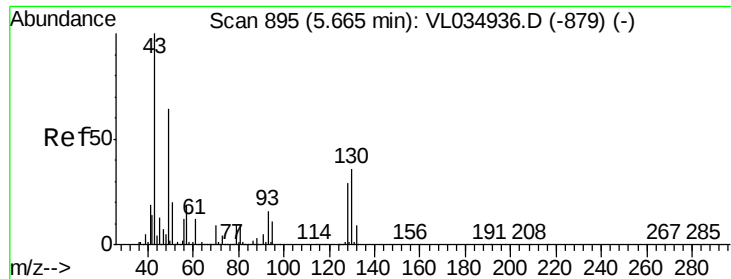
Instrument :
MSVOA_L
ClientSampleId :
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QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

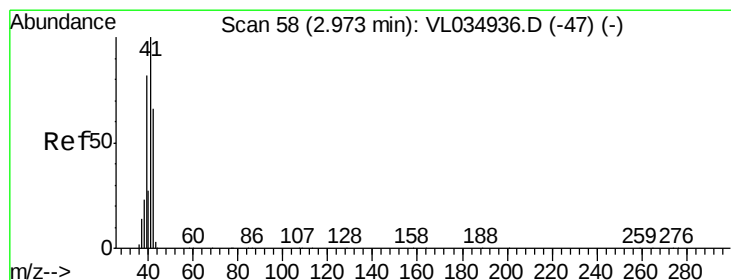
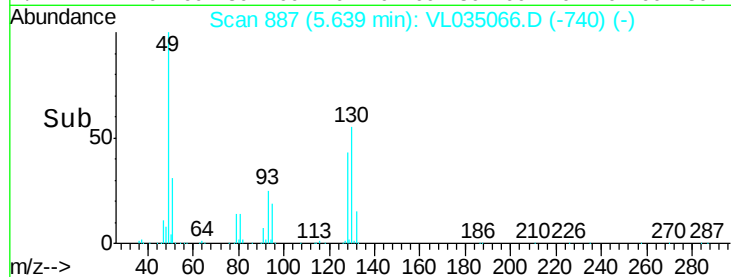
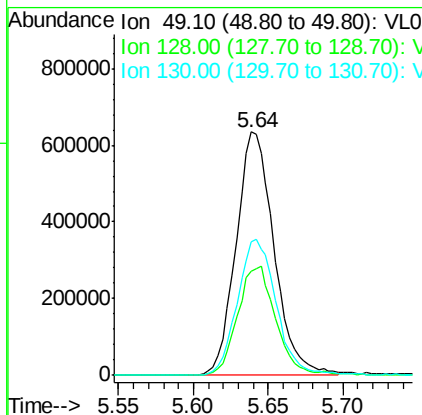
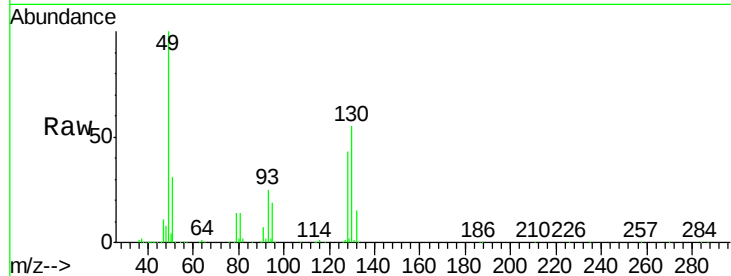
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 887
 Delta R.T. -0.03 min
 Lab File: VL035066.D
 Acq: 20 May 2020 5:25

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-BR-SSDL

Tot Ion: 49 Resp: 1123789
 Ion Ratio Lower Upper
 49 100
 128 45.2 22.1 66.5
 130 57.9 29.1 87.3

Manual Integrations
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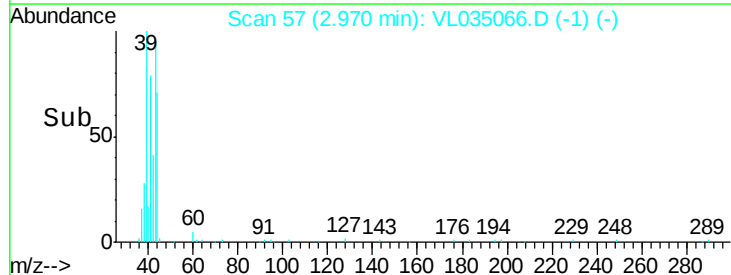
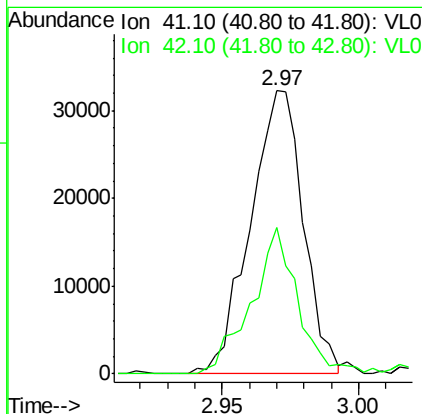
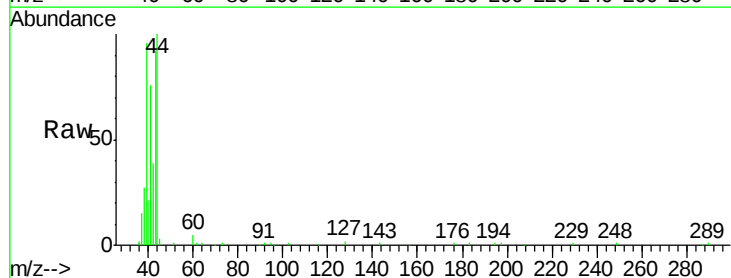
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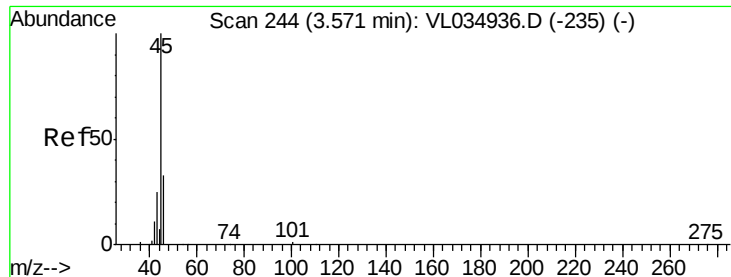


#9

Propene
 Concen: 0.780 ppbv
 RT: 2.97 min Scan# 57
 Delta R.T. -0.00 min
 Lab File: VL035066.D
 Acq: 20 May 2020 5:25

Tgt Ion: 41 Resp: 43449
 Ion Ratio Lower Upper
 41 100
 42 46.8 54.5 81.7#





#13

Ethanol

Concen: 29.146 ppbv

RT: 3.56 min Scan# 239

Delta R.T. -0.02 min

Lab File: VL035066.D

Acq: 20 May 2020 5:25

Instrument :

MSVOA_L

ClientSampleId :

IR-BR-SSDL

Tot Ion: 45 Resp: 535461

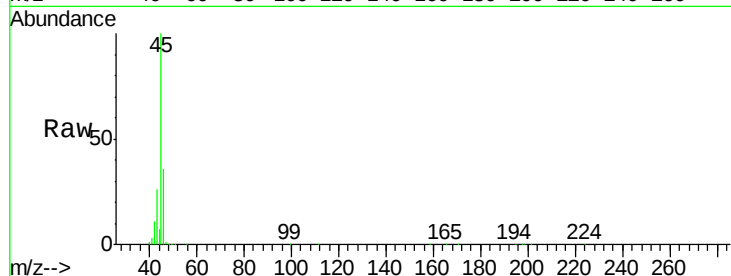
Ion Ratio Lower Upper

45 100

46 36.2 14.3 57.3

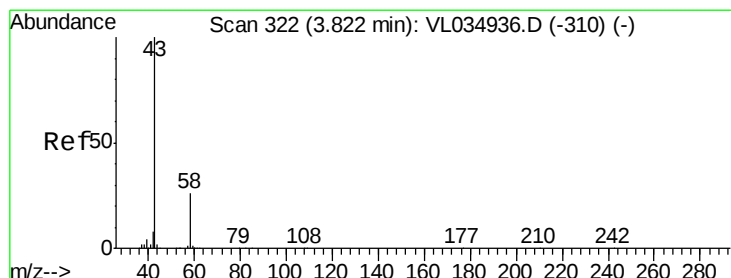
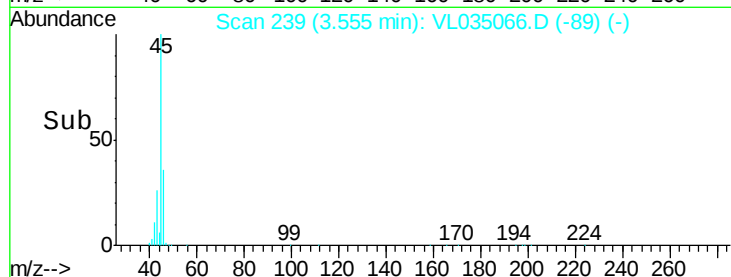
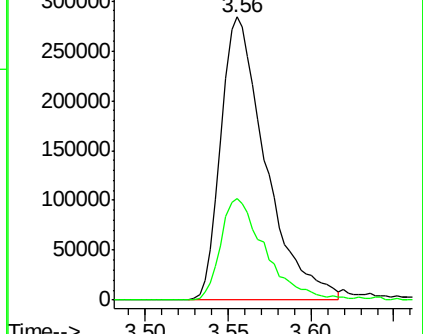
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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#15

Acetone

Concen: 1.543 ppbv

RT: 3.81 min Scan# 319

Delta R.T. -0.01 min

Lab File: VL035066.D

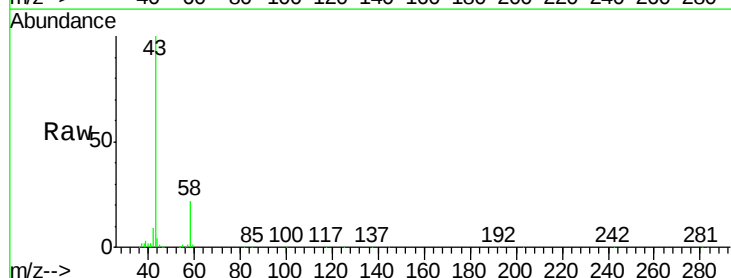
Acq: 20 May 2020 5:25

Tgt Ion: 43 Resp: 229236

Ion Ratio Lower Upper

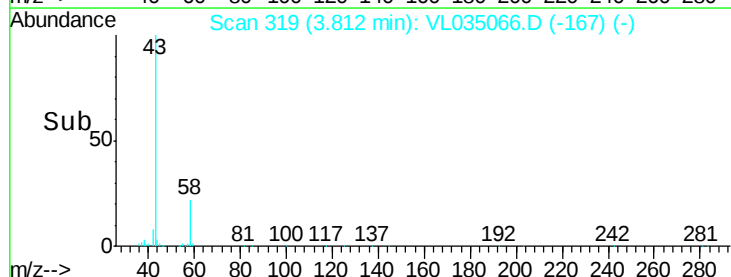
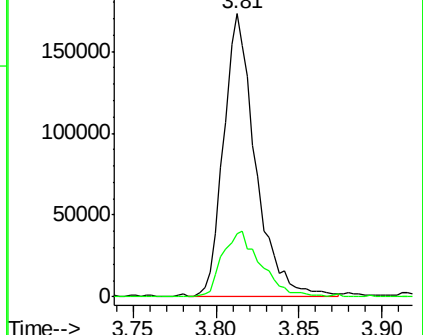
43 100

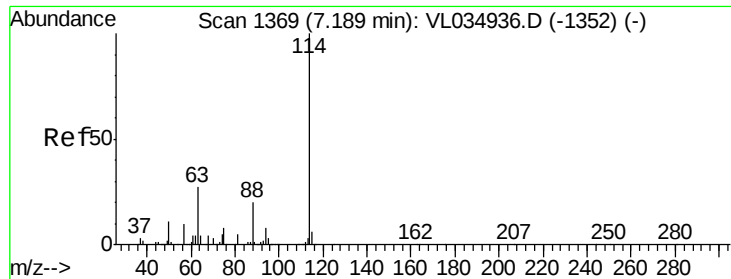
58 28.7 21.7 32.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





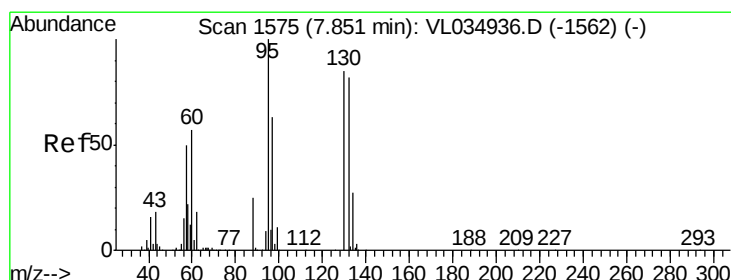
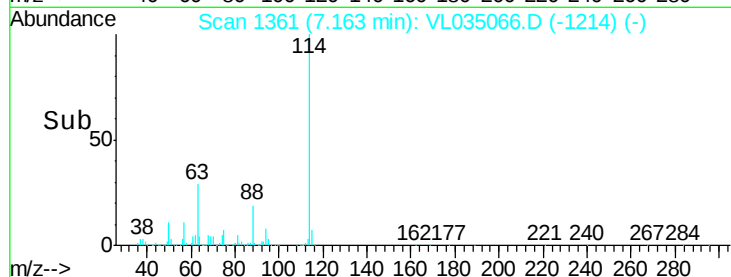
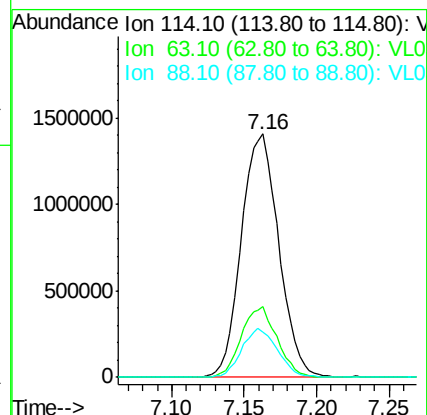
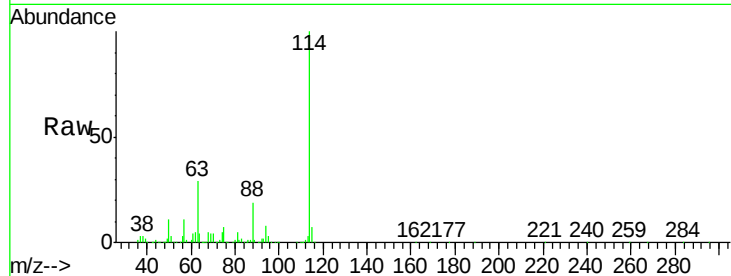
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.03 min
 Lab File: VL035066.D
 Acq: 20 May 2020 5:25

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-BR-SSDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.2	33.4
88	19.3	15.5	23.3

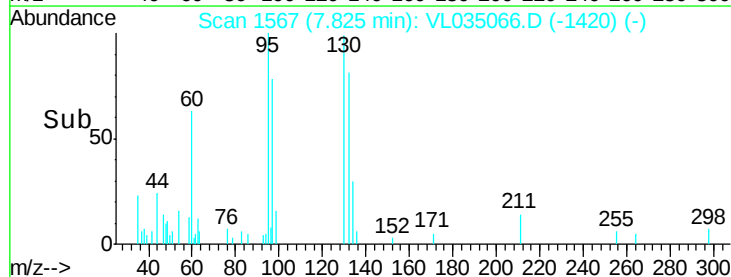
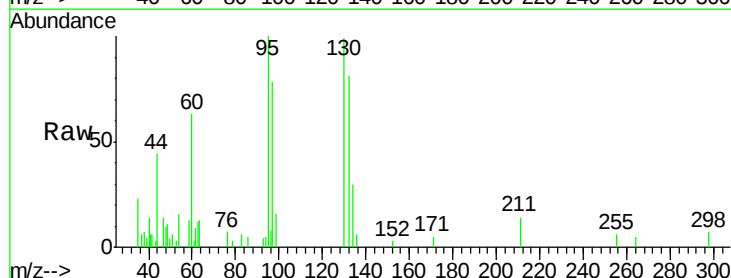
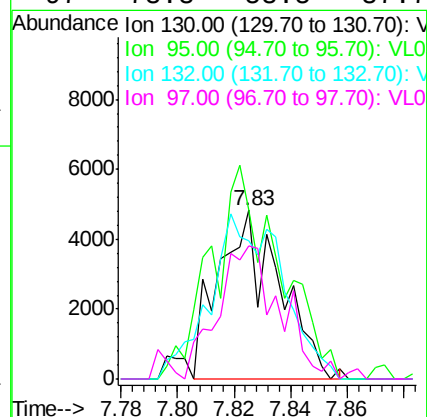
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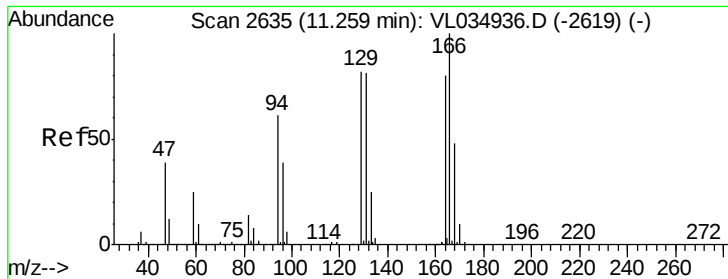
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#38
 Trichloroethene
 Concen: 0.090 ppbv m
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.03 min
 Lab File: VL035066.D
 Acq: 20 May 2020 5:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	93.4	140.0
132	81.7	76.4	114.6
97	78.8	58.5	87.7





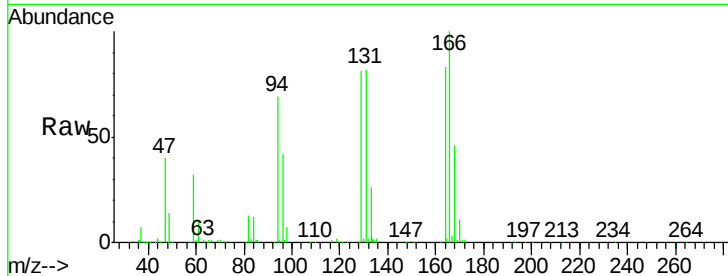
#52
Tetrachloroethene
Concen: 1.946 ppbv m
RT: 11.23 min Scan# 2625
Delta R.T. -0.03 min
Lab File: VL035066.D
Acq: 20 May 2020 5:25

Instrument :
MSVOA_L
ClientSampleId :
IR-BR-SSDL

Tot Ion	Ratio	Lower	Upper
164	100		
166	120.8	100.7	151.1
129	97.4	83.0	124.4
131	98.8	81.0	121.4

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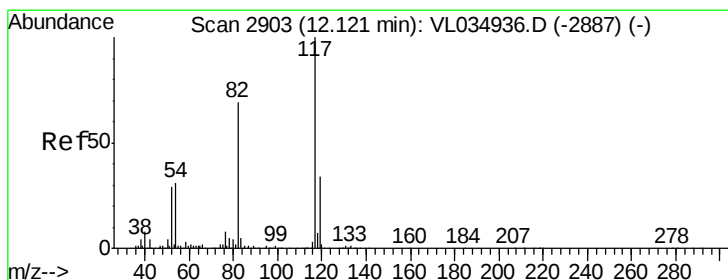
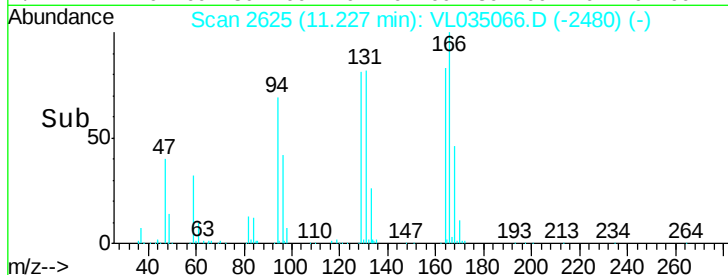
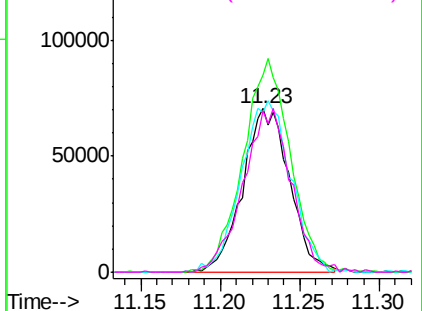


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

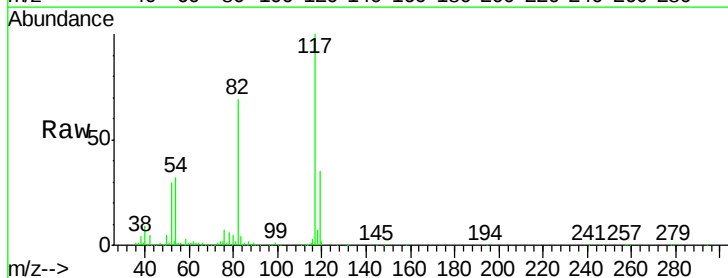
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL035066.D
Acq: 20 May 2020 5:25

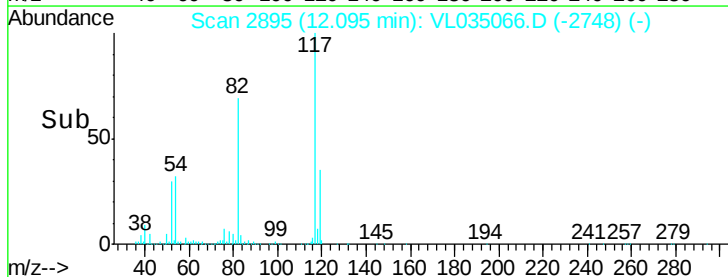
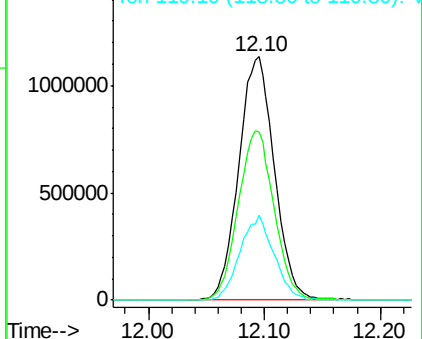
Tgt Ion	Ratio	Lower	Upper
117	100		
82	70.0	53.1	79.7
119	33.2	26.7	40.1

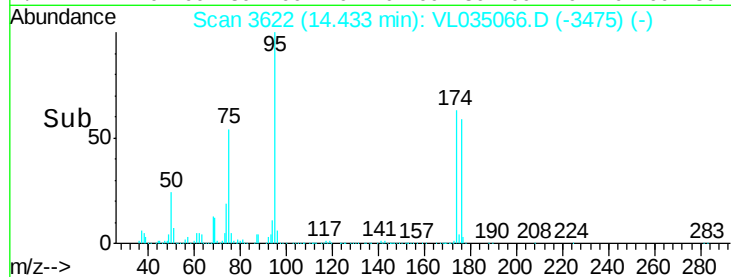
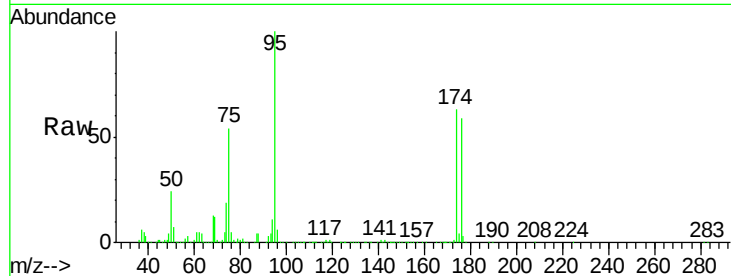
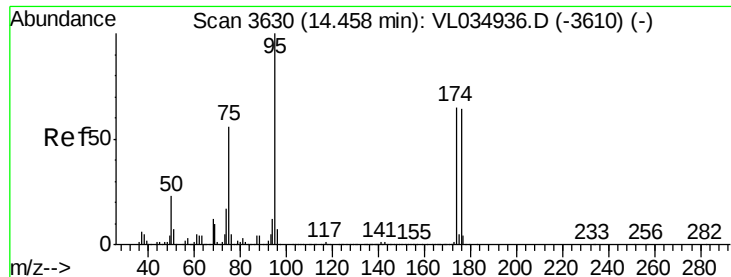


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.335 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. -0.03 min

Lab File: VL035066.D

Acq: 20 May 2020 5:25

Tot Ion: 95 Resp: 2028294

Ion Ratio Lower Upper

95 100

174 64.5 51.5 77.3

175 4.8 3.8 5.8

Instrument :

MSVOA_L

ClientSampleId :

IR-BR-SSDL

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