

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL035013.D
 Acq On : 13 May 2020 8:39
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
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Quant Time: May 14 00:52:35 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	794681	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	1931906	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	1781495	10.00	ppbv	-0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.43	95	1392117	9.65	ppbv	-0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	2728m	0.210	ppbv	
15) Acetone	3.83	43	30001m	0.286	ppbv	
20) Methylene Chloride	4.31	84	6636m	0.191	ppbv	
32) 1,1,1-Trichloroethane	6.48	97	5144m	0.046	ppbv	
38) Trichloroethene	7.83	130	70164m	1.137	ppbv	
52) Tetrachloroethene	11.23	164	161027	2.843	ppbv	92
59) m/p-Xylene	12.97	91	29028m	0.150	ppbv	

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

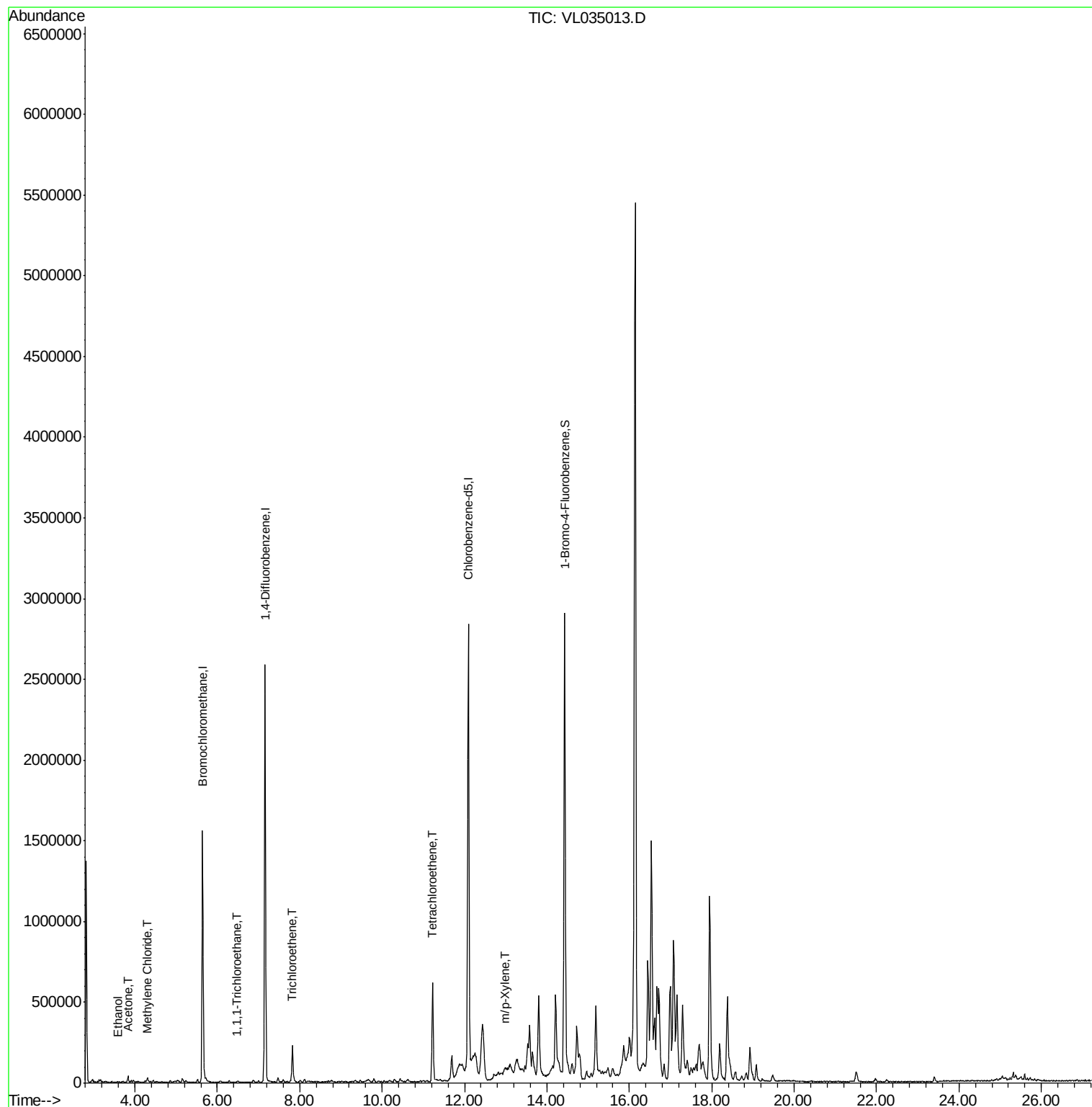
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Data File : VL035013.D
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Operator : SY/AP
Sample : VIBLK
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ALS Vial : 1 Sample Multiplier: 1

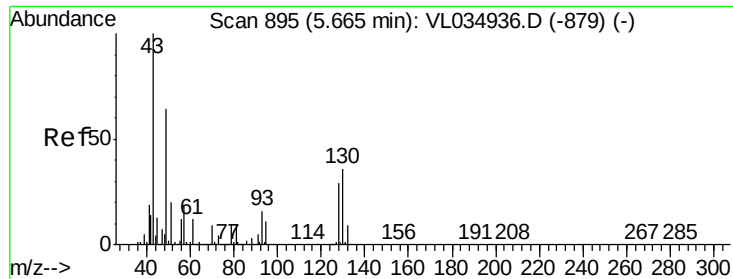
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
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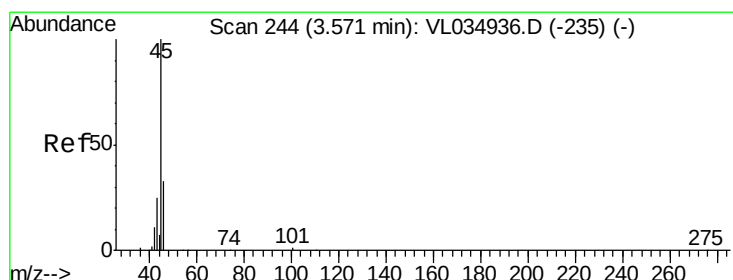
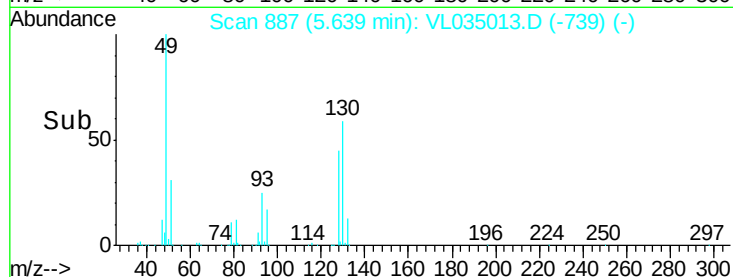
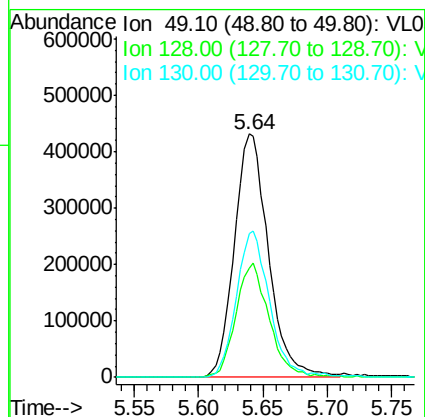
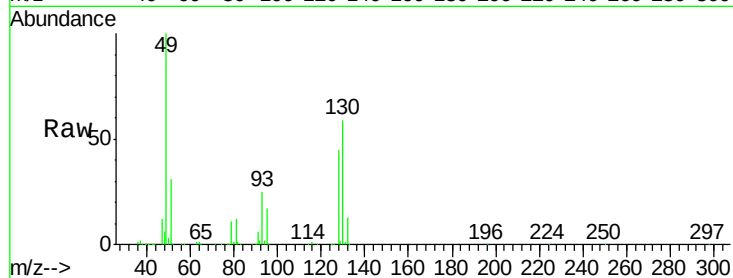
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 887
Delta R.T. -0.03 min
Lab File: VL035013.D
Acq: 13 May 2020 8:39

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
49	100		
128	46.2	22.1	66.5
130	59.1	29.1	87.3

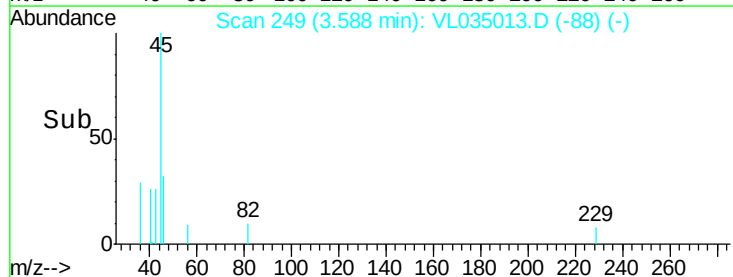
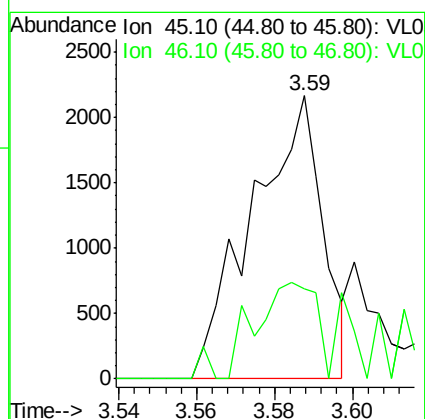
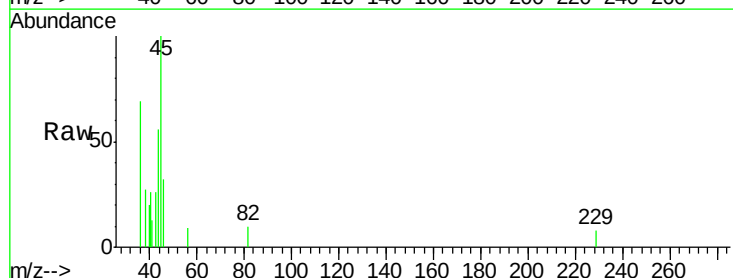
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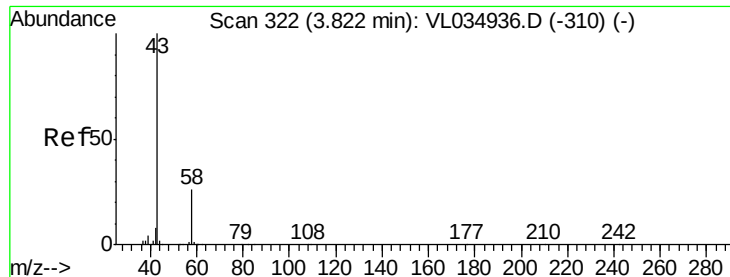
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#13
Ethanol
Concen: 0.210 ppbv m
RT: 3.59 min Scan# 249
Delta R.T. 0.02 min
Lab File: VL035013.D
Acq: 13 May 2020 8:39

Tgt Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.3	57.3





#15

Acetone

Concen: 0.286 ppbv m

RT: 3.83 min Scan# 325

Delta R.T. 0.01 min

Lab File: VL035013.D

Acq: 13 May 2020 8:39

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 43 Resp: 30001

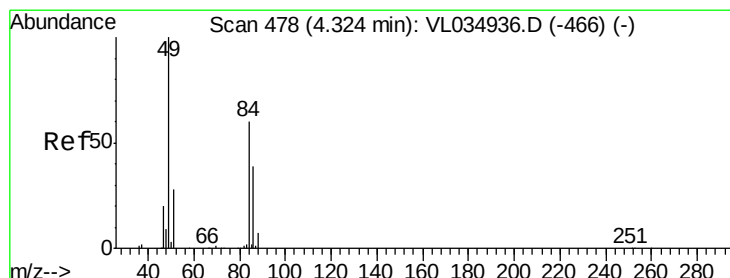
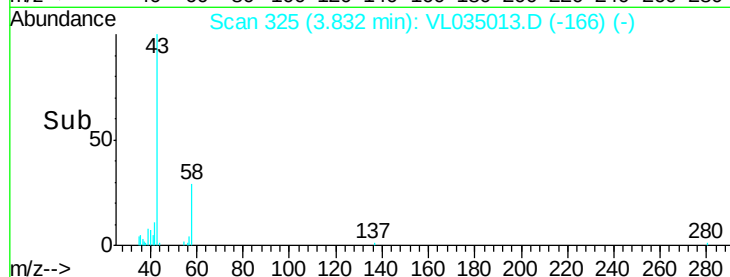
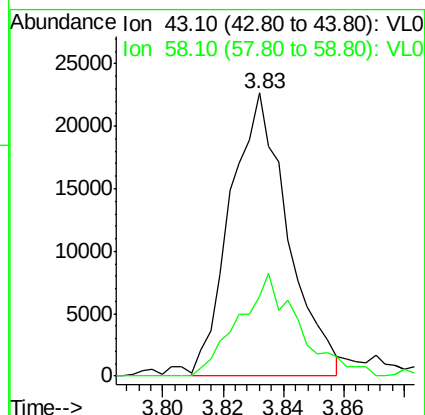
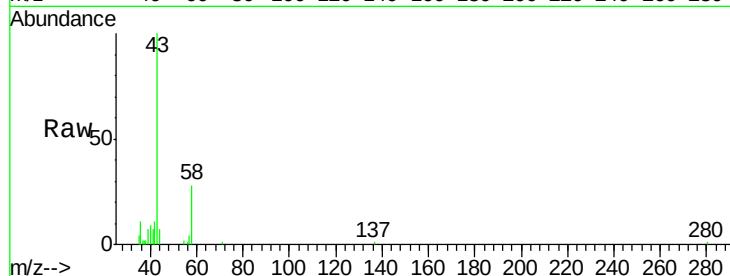
Ion Ratio Lower Upper

43 100

58 0.0 21.7 32.5#

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#20

Methylene Chloride

Concen: 0.191 ppbv m

RT: 4.31 min Scan# 475

Delta R.T. -0.01 min

Lab File: VL035013.D

Acq: 13 May 2020 8:39

Tgt Ion: 84 Resp: 6636

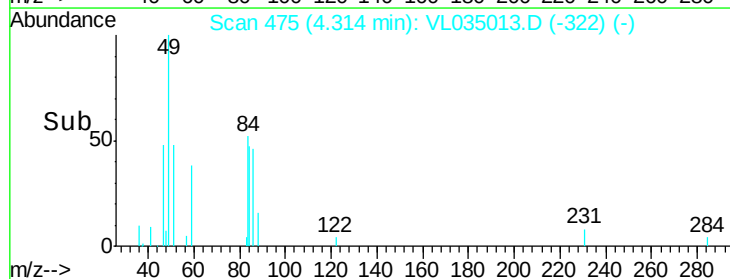
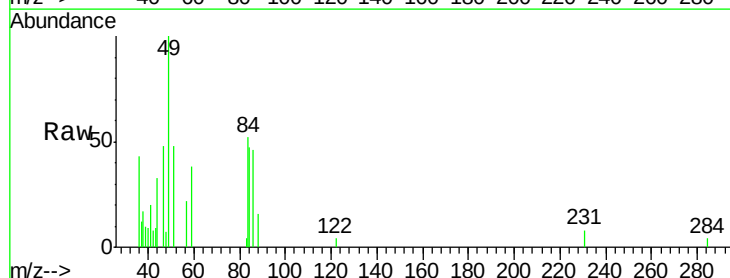
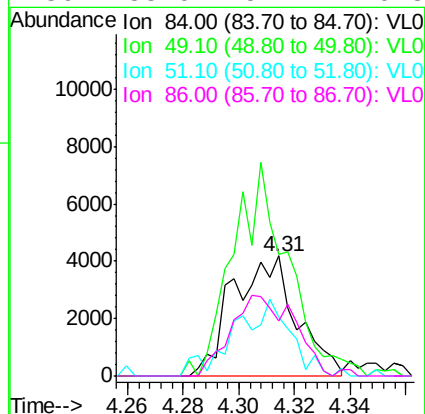
Ion Ratio Lower Upper

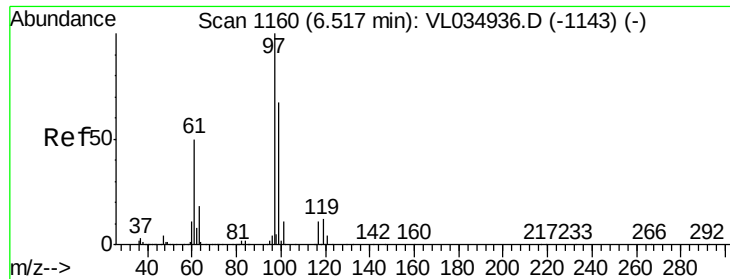
84 100

49 192.5 132.5 198.7

51 92.7 38.4 57.6#

86 88.0 51.2 76.8#





#32

1,1,1-Trichloroethane

Concen: 0.046 ppbv m

RT: 6.48 min Scan# 1150

Delta R.T. -0.03 min

Lab File: VL035013.D

Acq: 13 May 2020 8:39

Instrument :

MSVOA_L

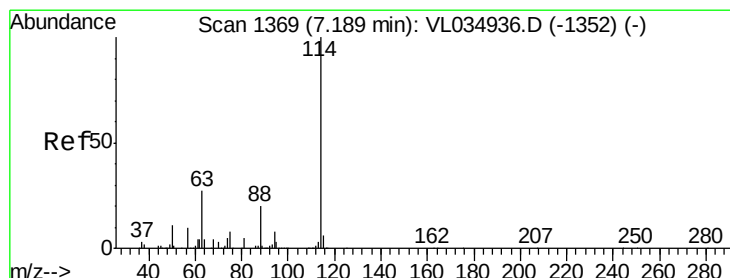
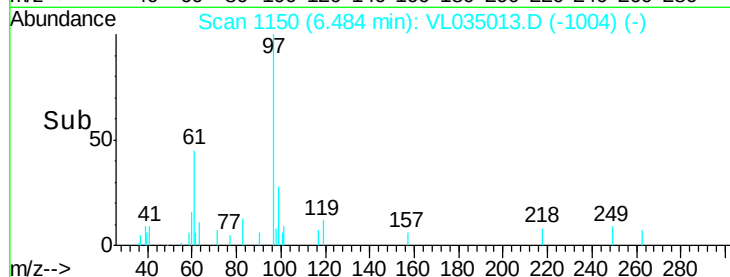
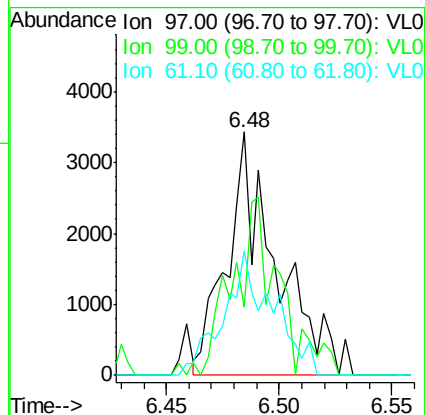
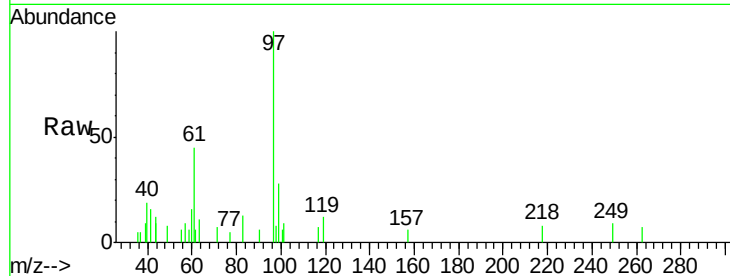
ClientSampled :

VIBLK

Tot Ion:	97	Resp:	5144
Ion Ratio	Lower	Upper	
97	100		
99	0.0	52.1	78.1#
61	0.0	41.8	62.8#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

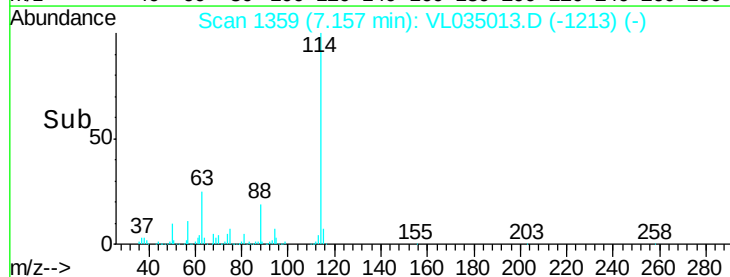
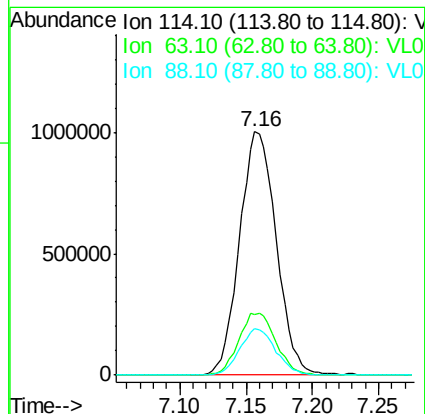
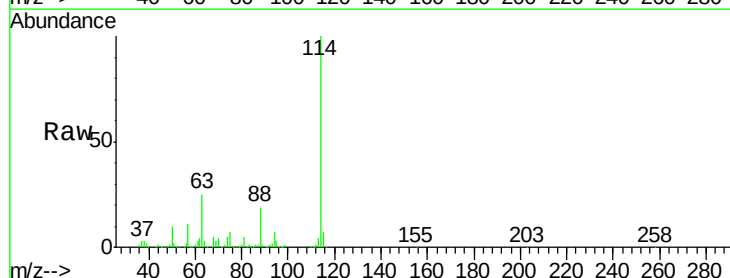
RT: 7.16 min Scan# 1359

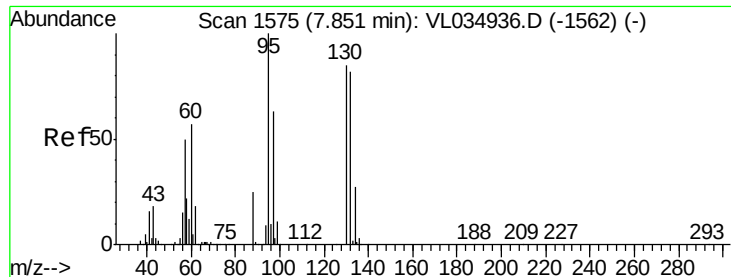
Delta R.T. -0.03 min

Lab File: VL035013.D

Acq: 13 May 2020 8:39

Tgt Ion:	114	Resp:	1931906
Ion Ratio	Lower	Upper	
114	100		
63	25.8	22.2	33.4
88	18.7	15.5	23.3





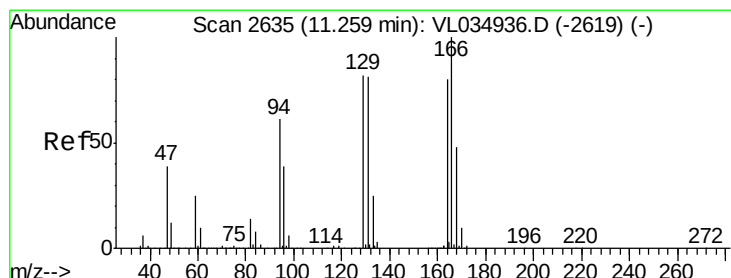
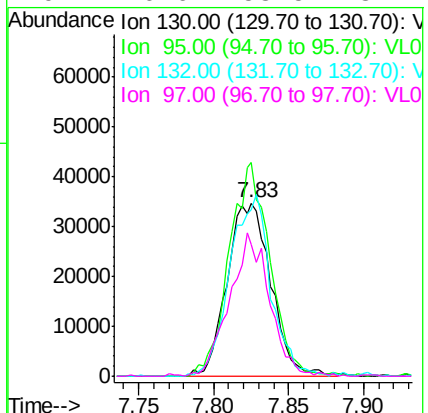
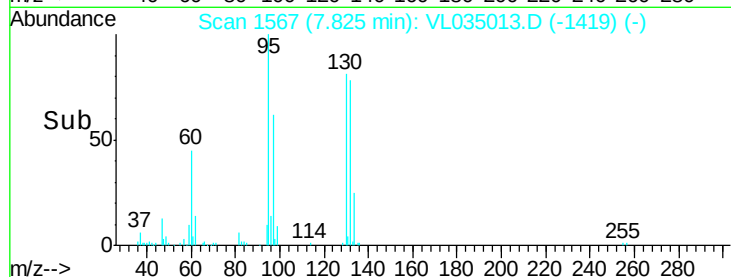
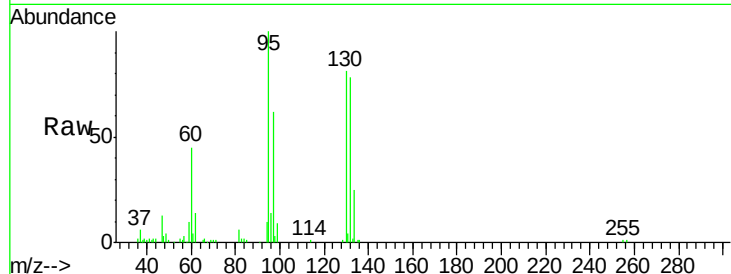
#38
 Trichloroethene
 Concen: 1.137 ppbv m
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.03 min
 Lab File: VL035013.D
 Acq: 13 May 2020 8:39

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		70164		
95	123.5		93.4	140.0	
132	96.0		76.4	114.6	
97	76.6		58.5	87.7	

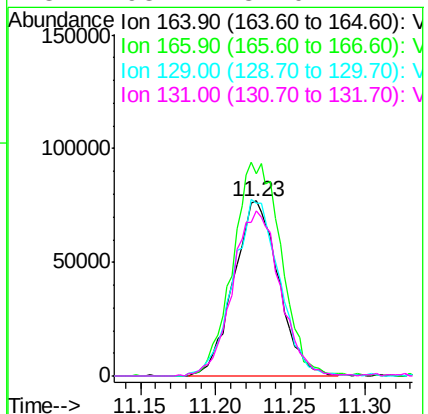
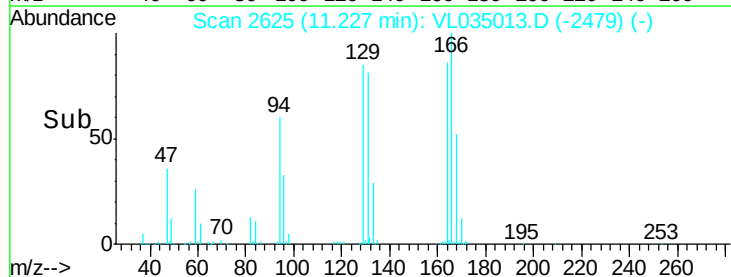
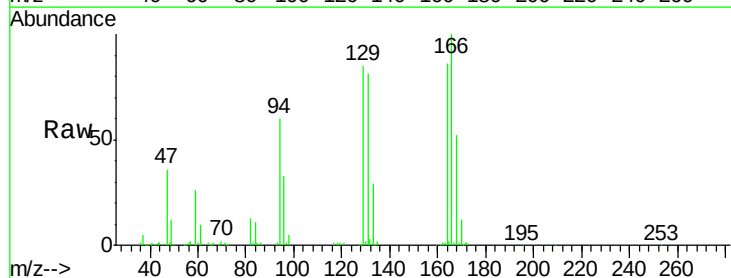
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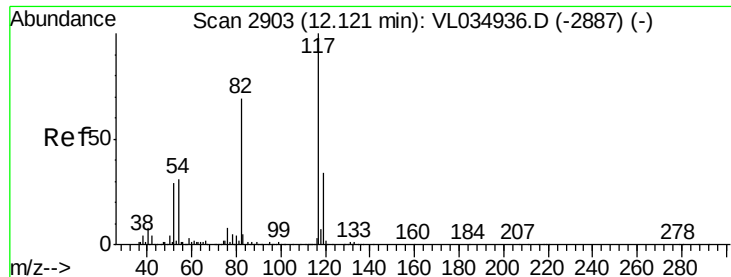
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#52
 Tetrachloroethene
 Concen: 2.843 ppbv
 RT: 11.23 min Scan# 2625
 Delta R.T. -0.03 min
 Lab File: VL035013.D
 Acq: 13 May 2020 8:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		161027		
166	114.7		100.7	151.1	
129	98.2		83.0	124.4	
131	93.7		81.0	121.4	





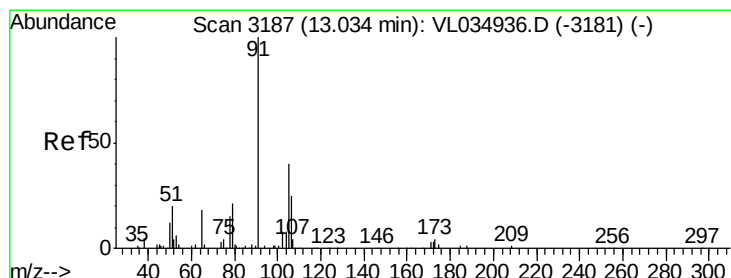
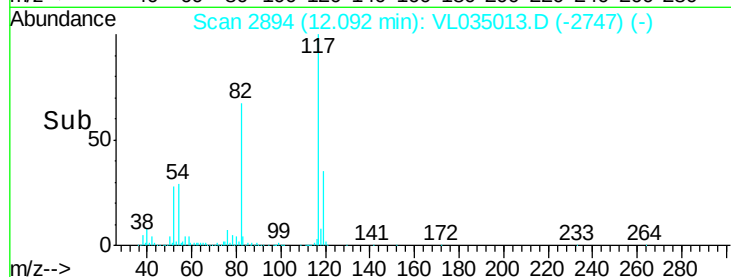
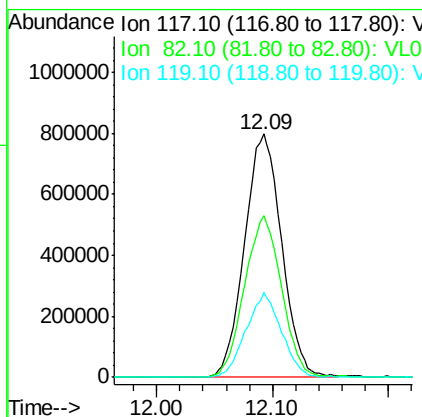
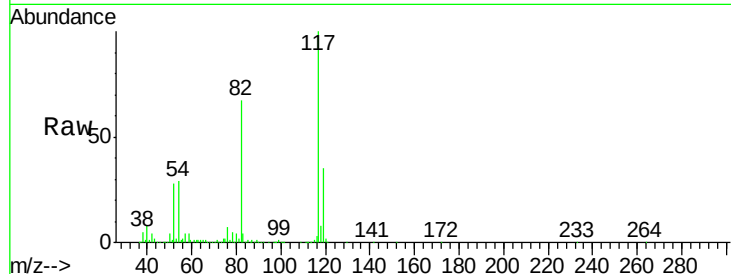
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.03 min
Lab File: VL035013.D
Acq: 13 May 2020 8:39

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.5	53.1	79.7
119	33.3	26.7	40.1

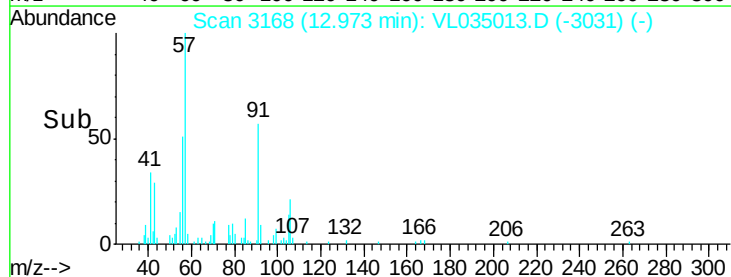
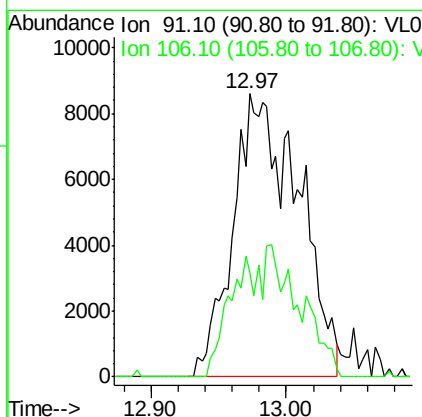
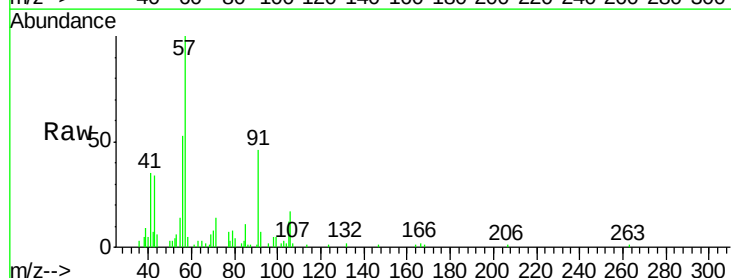
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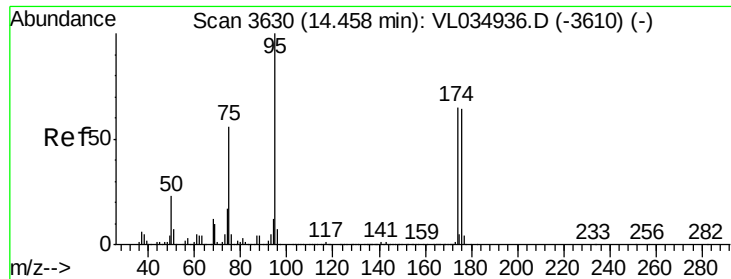
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#59
m/p-Xylene
Concen: 0.150 ppbv m
RT: 12.97 min Scan# 3168
Delta R.T. -0.06 min
Lab File: VL035013.D
Acq: 13 May 2020 8:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	66.0	99.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.654 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T. -0.03 min
 Lab File: VL035013.D
 Acq: 13 May 2020 8:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.3	51.5	77.3
175	5.2	3.8	5.8

Manual Integrations
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