

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081220\
 Data File : VL035388.D
 Acq On : 12 Aug 2020 18:21
 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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 8/17/2020 5:43:59 PM

Quant Time: Aug 13 04:02:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081220AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 13 04:02:52 2020
 QLast Update : Wed Aug 12 16:45:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1466611	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3369101	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3185805	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2664677	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.26	62	4066m	0.041	ppbv	
20) Methylene Chloride	4.34	84	11745	0.168	ppbv	93
32) 1,1,1-Trichloroethane	6.51	97	9311m	0.035	ppbv	
35) Carbon Tetrachloride	7.01	117	9080	0.038	ppbv #	59
38) Trichloroethene	7.83	130	6354m	0.048	ppbv	
52) Tetrachloroethene	11.24	164	5696m	0.048	ppbv	
80) Naphthalene,2-methyl-	24.99	142	36624	0.130	ppbv	96

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

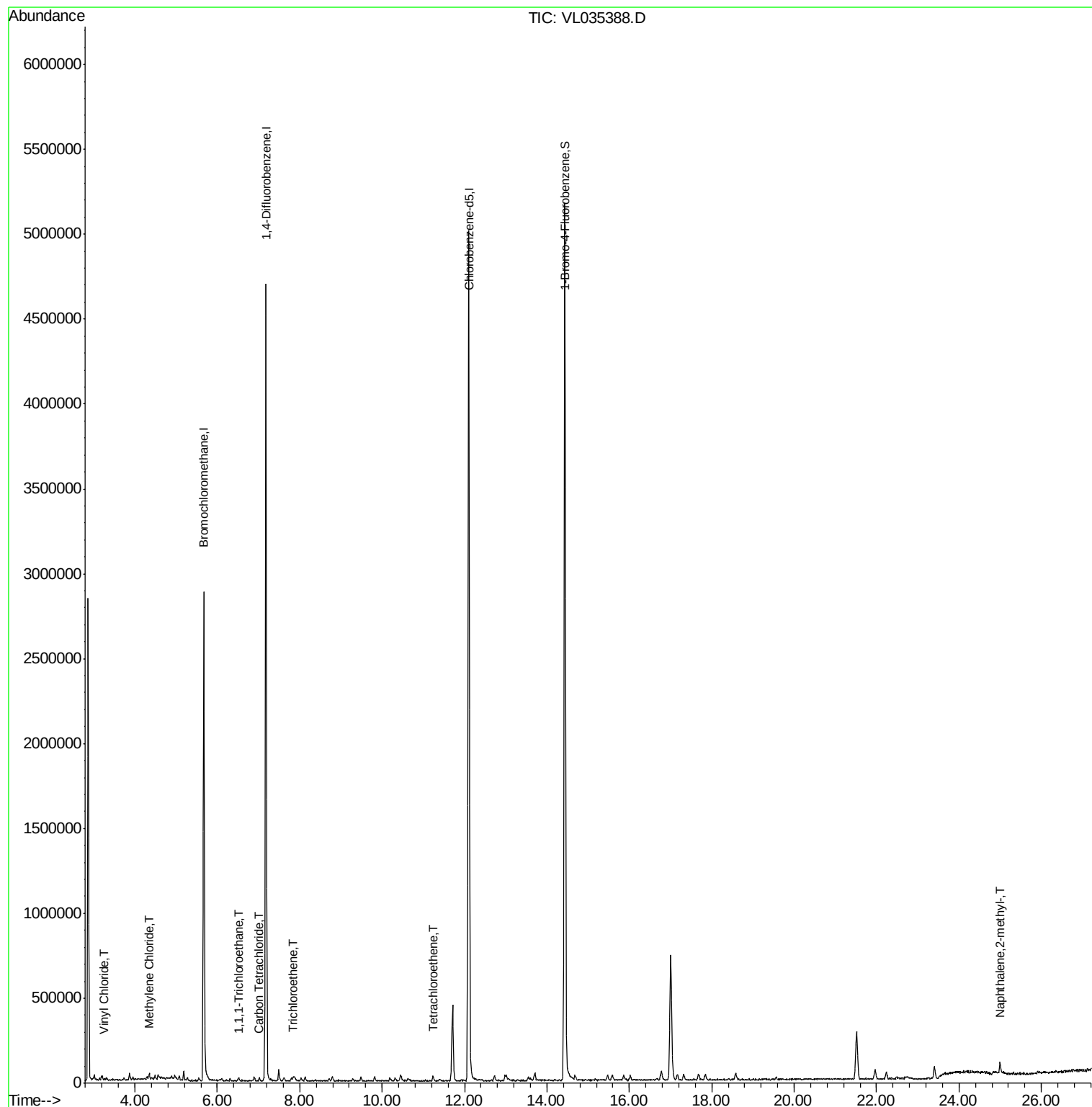
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081220\
Data File : VL035388.D
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Operator : SY/AP
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Misc : 400ml/MSVOA L
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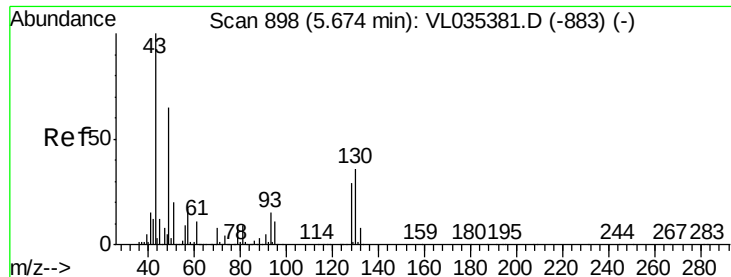
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081220AIR.M
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QLast Update : Wed Aug 12 16:45:58 2020
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#1

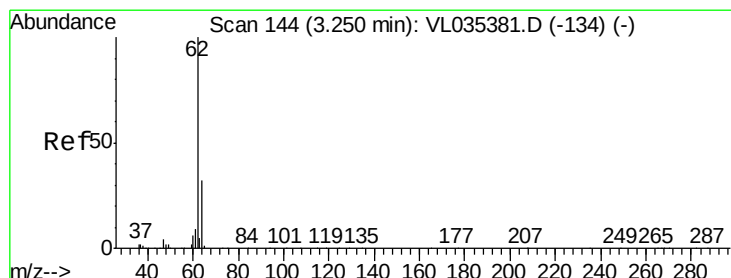
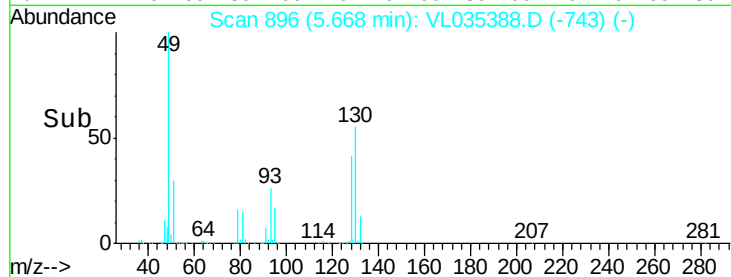
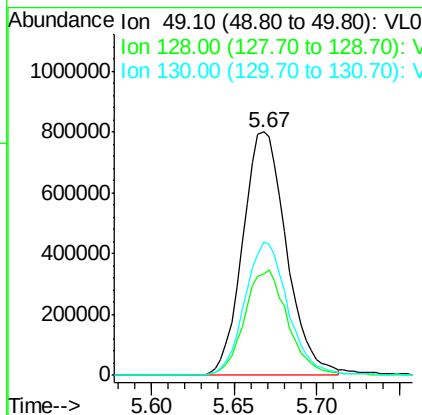
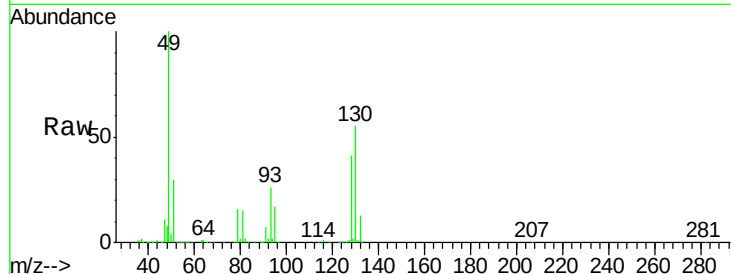
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: VL035388.D
 Acq: 12 Aug 2020 18:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion: 49 Resp: 1466611
 Ion Ratio Lower Upper
 49 100
 128 43.5 21.8 65.3
 130 54.8 27.9 83.6

Manual Integrations
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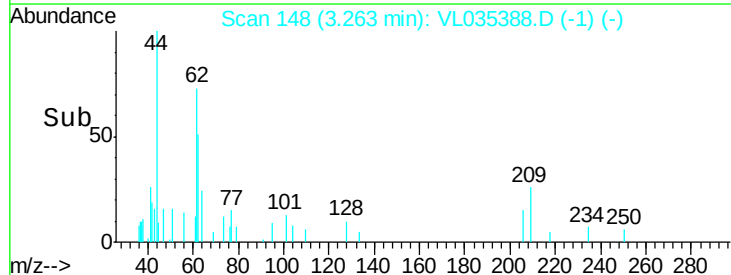
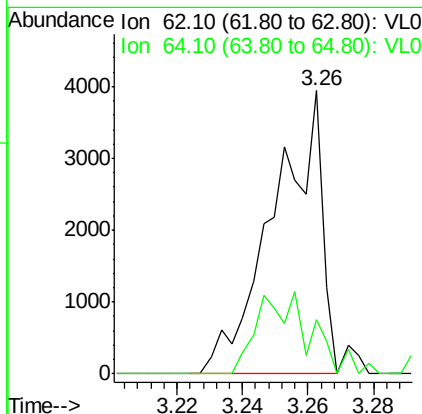
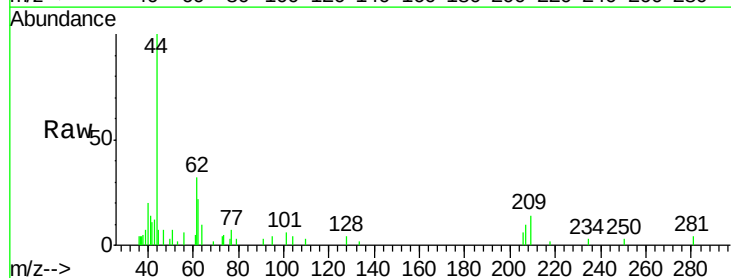
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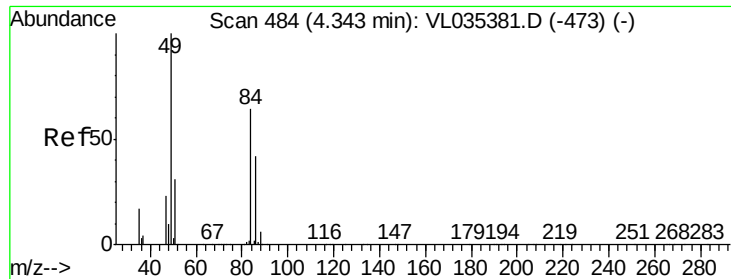


#5

Vinyl Chloride
 Concen: 0.041 ppbv m
 RT: 3.26 min Scan# 148
 Delta R.T. 0.01 min
 Lab File: VL035388.D
 Acq: 12 Aug 2020 18:21

Tgt Ion: 62 Resp: 4066
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.7 38.5





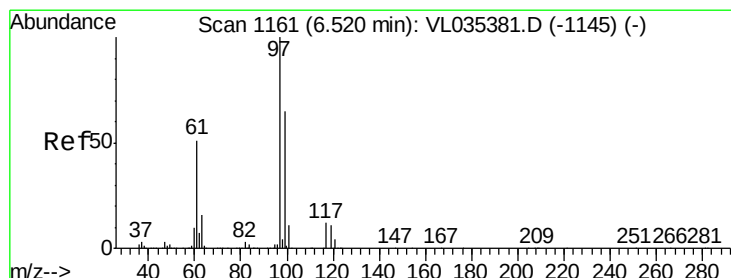
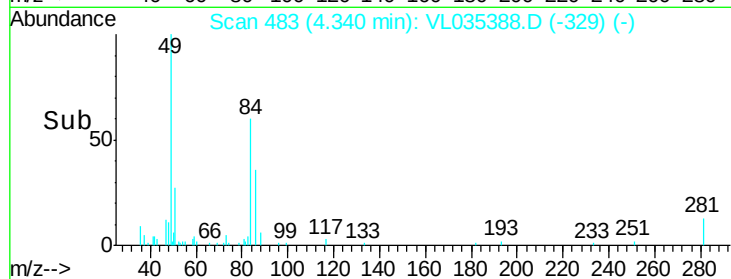
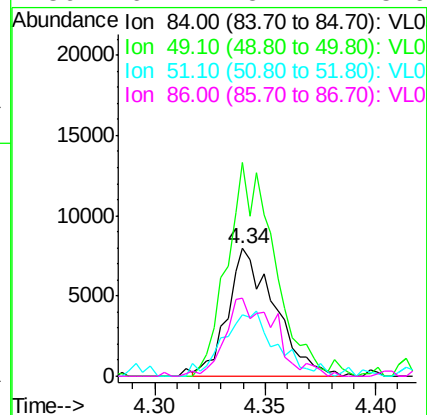
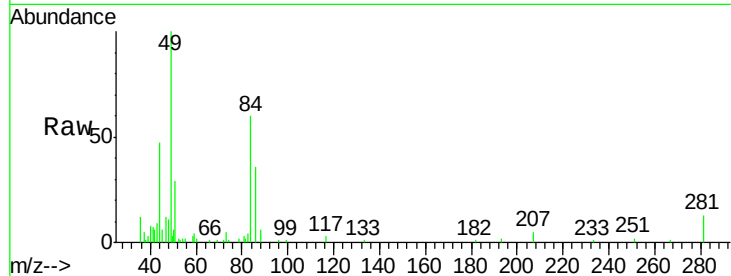
#20
Methylene Chloride
Concen: 0.168 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL035388.D
Acq: 12 Aug 2020 18:21

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:	84	Resp:	11745
Ion	Ratio	Lower	Upper
84	100		
49	167.6	125.7	188.5
51	45.2	38.5	57.7
86	61.1	52.4	78.6

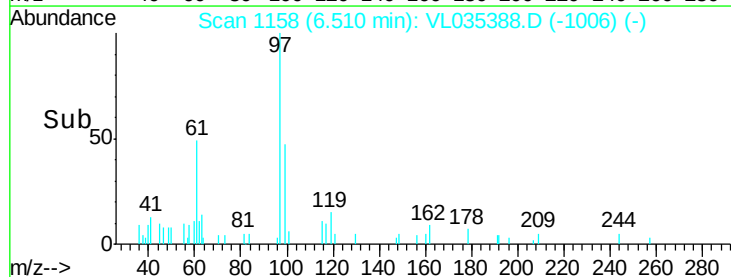
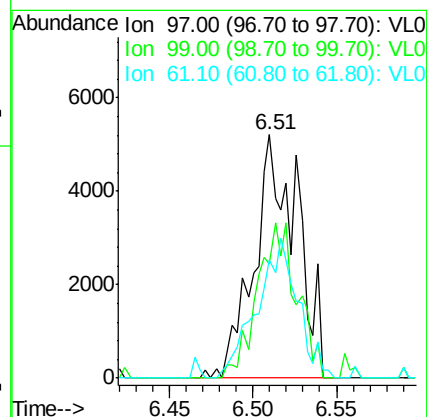
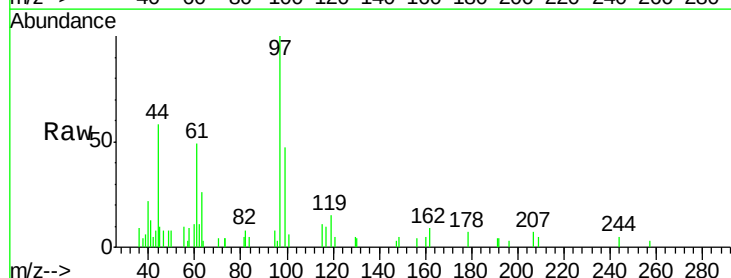
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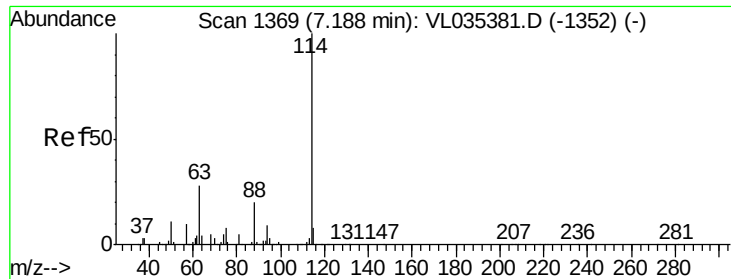
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#32
1,1,1-Trichloroethane
Concen: 0.035 ppbv m
RT: 6.51 min Scan# 1158
Delta R.T. -0.01 min
Lab File: VL035388.D
Acq: 12 Aug 2020 18:21

Tgt Ion:	97	Resp:	9311
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.8	77.8#
61	0.0	39.6	59.4#





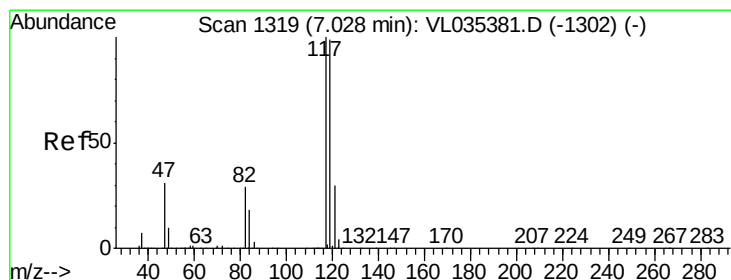
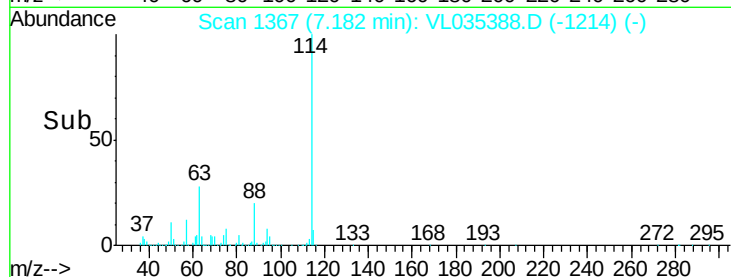
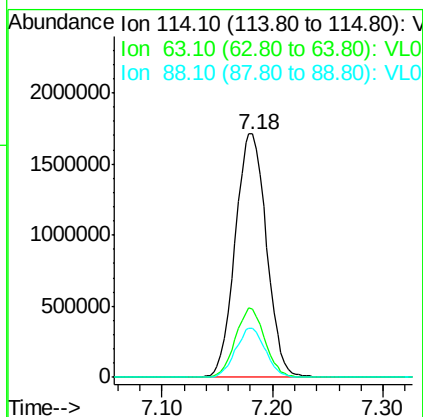
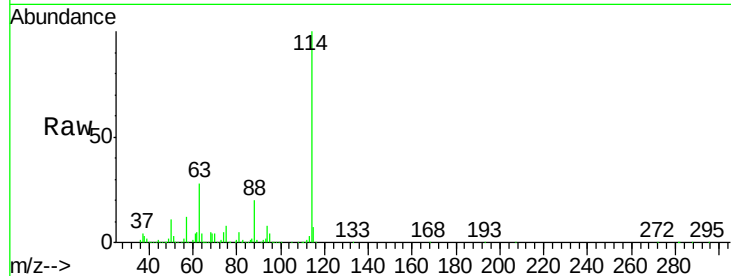
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VL035388.D
 Acq: 12 Aug 2020 18:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.5	32.3
88	19.3	15.6	23.4

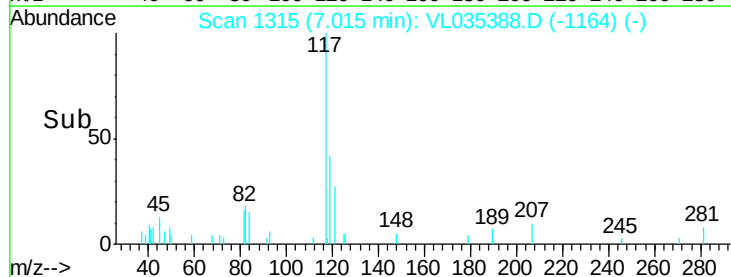
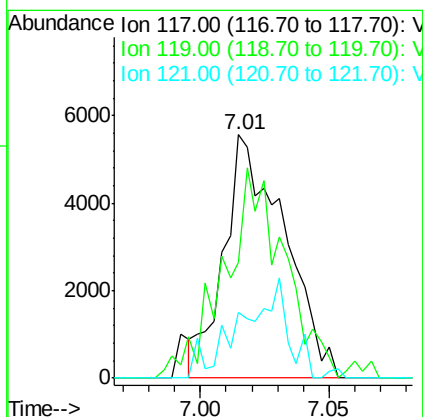
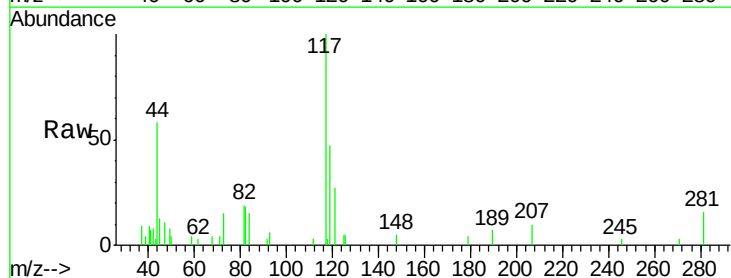
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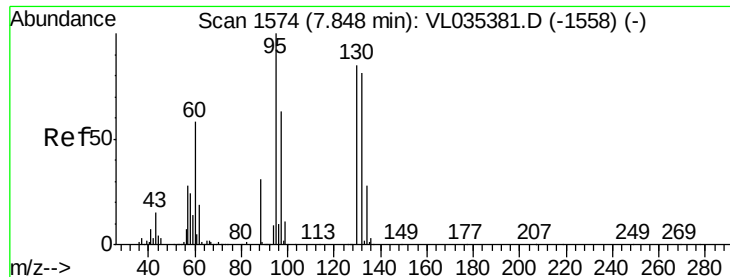
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#35
 Carbon Tetrachloride
 Concen: 0.038 ppbv
 RT: 7.01 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VL035388.D
 Acq: 12 Aug 2020 18:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	47.5	79.4	119.0#
121	26.7	24.3	36.5





#38

Trichloroethene

Concen: 0.048 ppbv m

RT: 7.83 min Scan# 1569

Delta R.T. -0.02 min

Lab File: VL035388.D

Acq: 12 Aug 2020 18:21

Instrument :

MSVOA_L

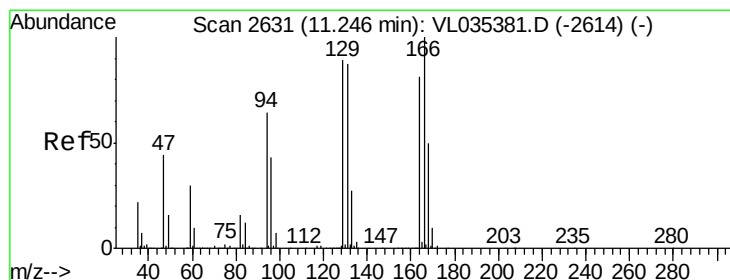
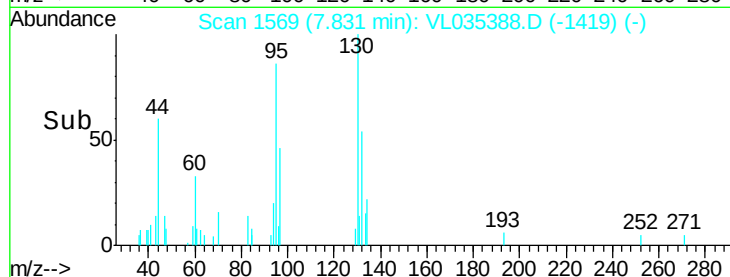
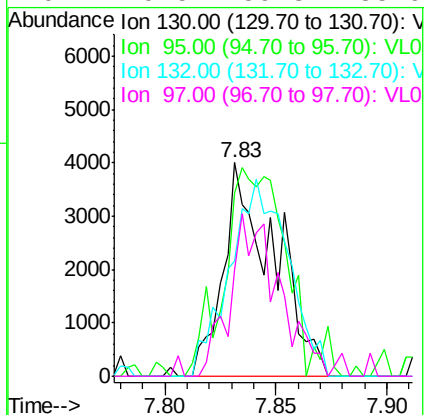
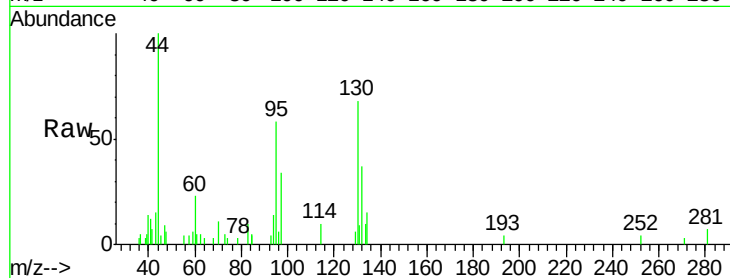
ClientSampleId :

VIBLK

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		6354		
95	85.9	94.2	141.4#		
132	54.1	76.6	114.8#		
97	49.5	59.3	88.9#		

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#52

Tetrachloroethene

Concen: 0.048 ppbv m

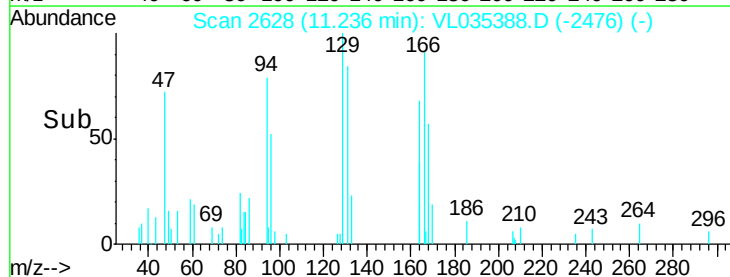
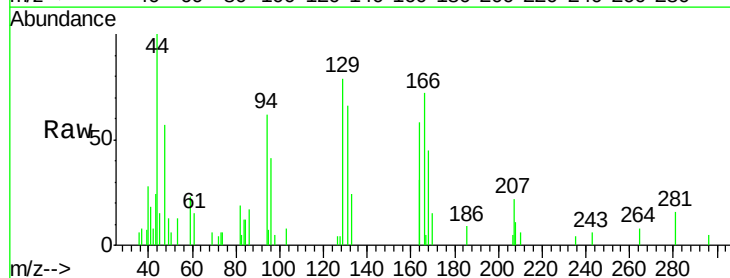
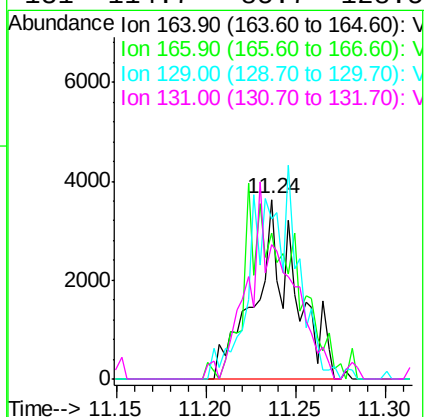
RT: 11.24 min Scan# 2628

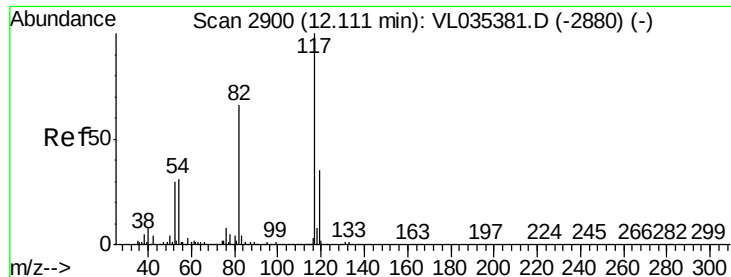
Delta R.T. -0.01 min

Lab File: VL035388.D

Acq: 12 Aug 2020 18:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		5696		
166	124.9	98.2	147.2		
129	136.6	87.3	130.9#		
131	114.7	85.7	128.5		





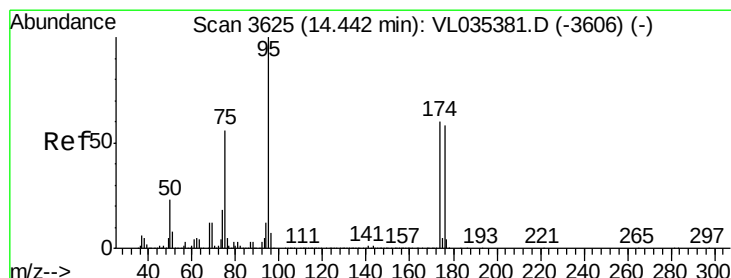
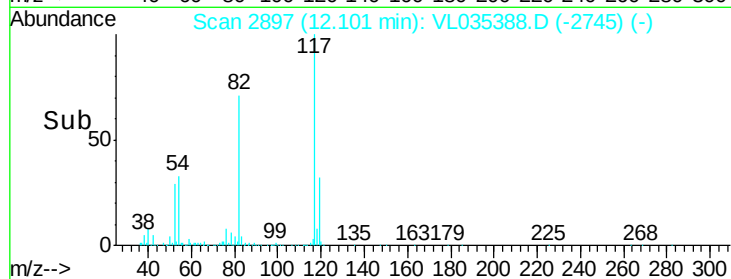
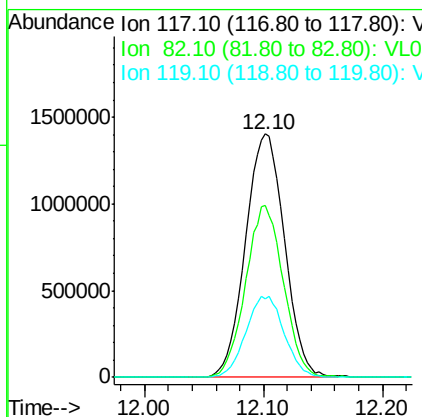
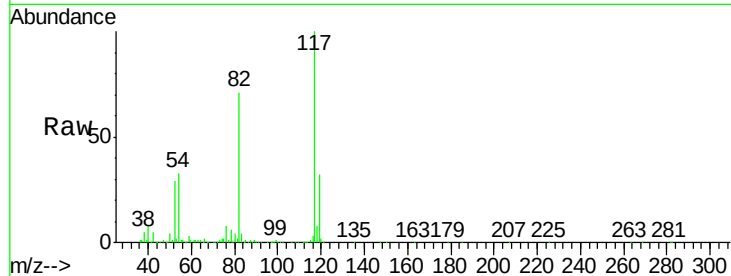
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL035388.D
Acq: 12 Aug 2020 18:21

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.6	53.0	79.6
119	33.1	25.7	38.5

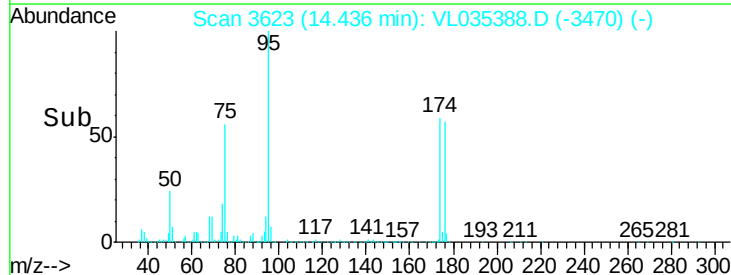
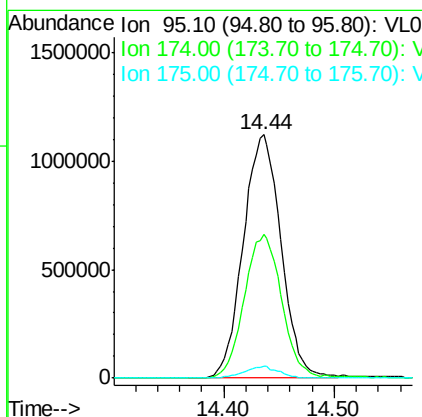
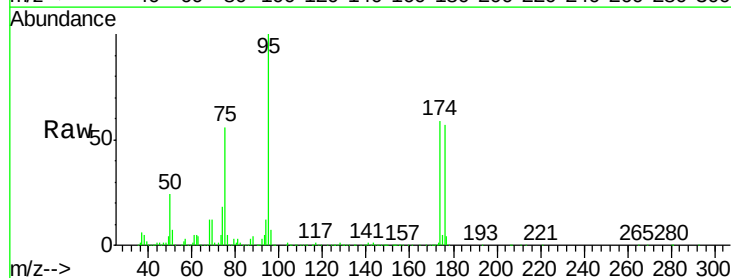
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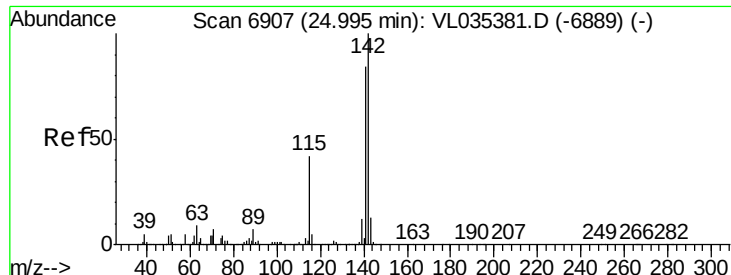
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.418 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL035388.D
Acq: 12 Aug 2020 18:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	59.2	48.2	72.2
175	4.4	3.7	5.5





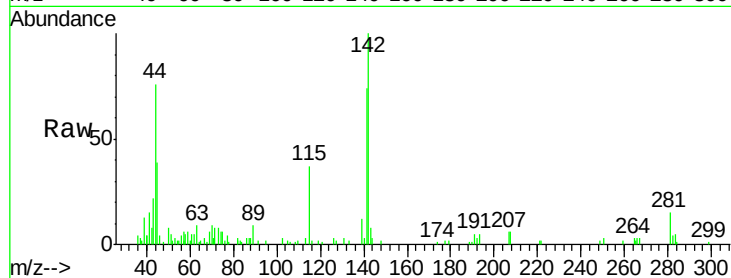
#80
 Naphthalene, 2-methyl-
 Concen: 0.130 ppbv
 RT: 24.99 min Scan# 6907
 Delta R.T. -0.00 min
 Lab File: VL035388.D
 Acq: 12 Aug 2020 18:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
142	100		
141	79.6	67.7	101.5
115	42.9	34.0	51.0

Manual Integrations
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Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

