

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031268.D
 Acq On : 20 Dec 2017 13:25
 Operator : SY/AP
 Sample : OC121317 CAN 10428
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC121317 CAN 10428

Manual Integrations
 APPROVED

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 12/22/2017 4:54:45 PM

Quant Time: Dec 22 04:03:44 2017
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.91	49	1733958	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	3949517	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	3883859	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	3122086	11.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	113.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.54	84	13936	0.18	ppbv	# 79
35) Carbon Tetrachloride	7.29	117	11891m	0.04	ppbv	
38) Trichloroethene	8.12	130	7257m	0.04	ppbv	
52) Tetrachloroethene	11.55	164	7851m	0.05	ppbv	

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

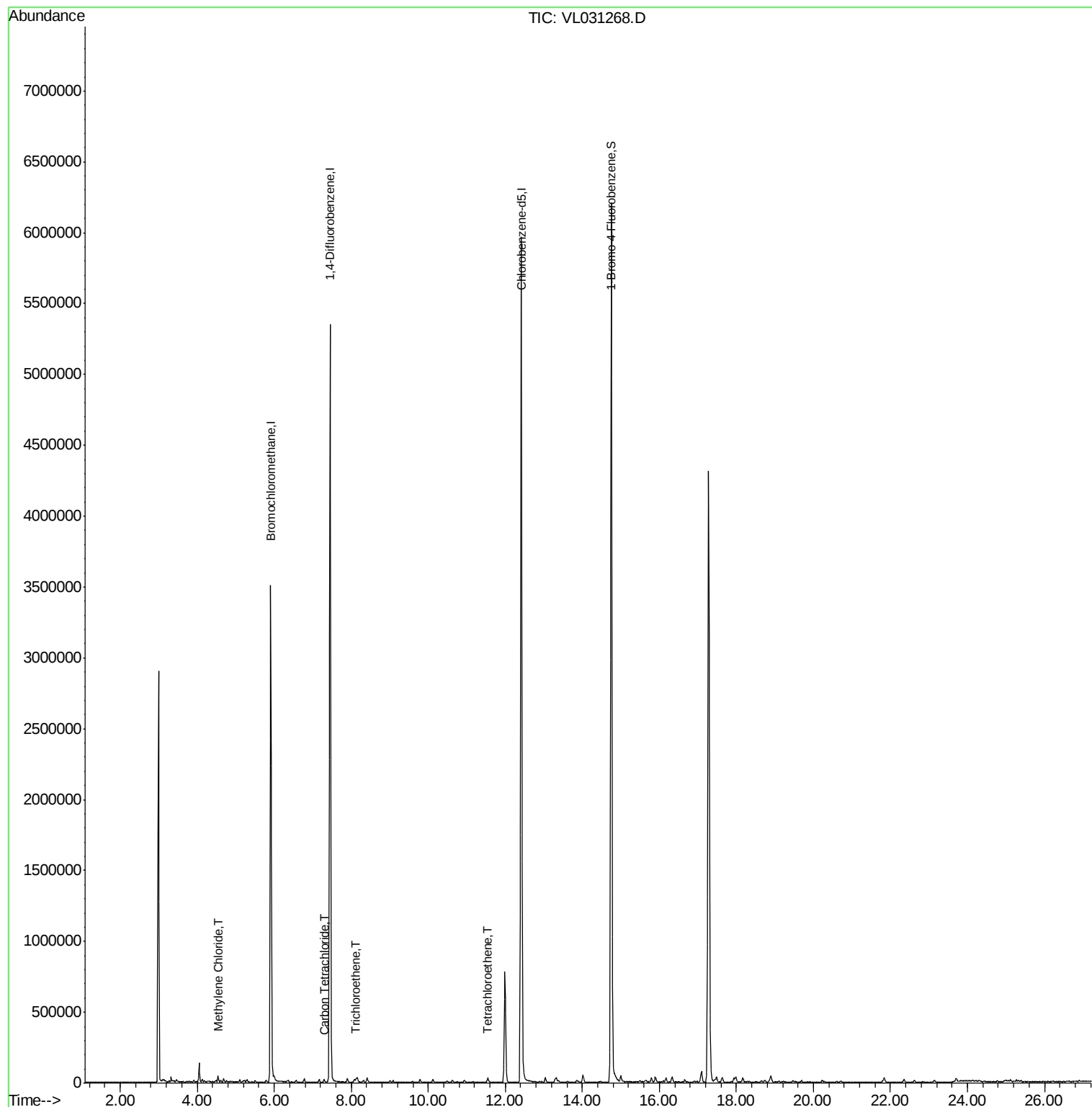
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
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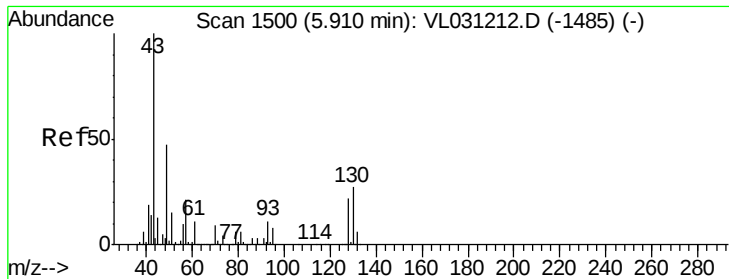
Instrument :
MSVOA_L
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Response via : Initial Calibration





#1

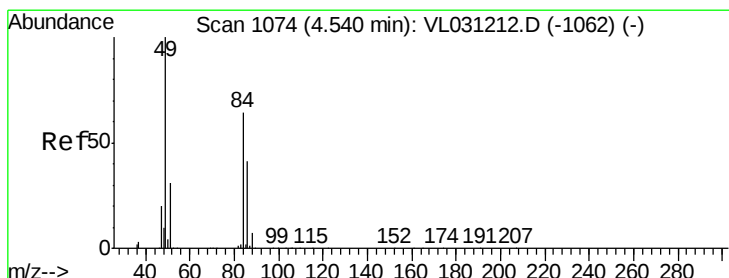
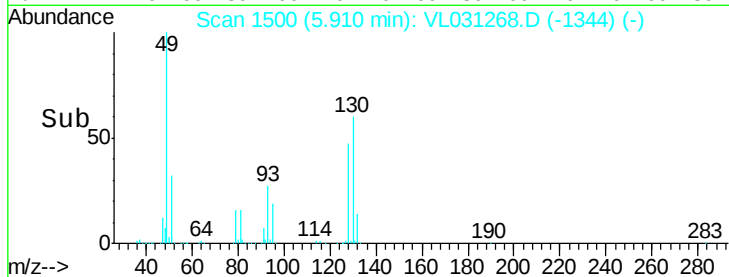
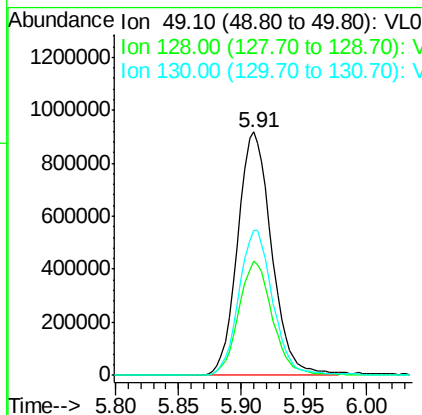
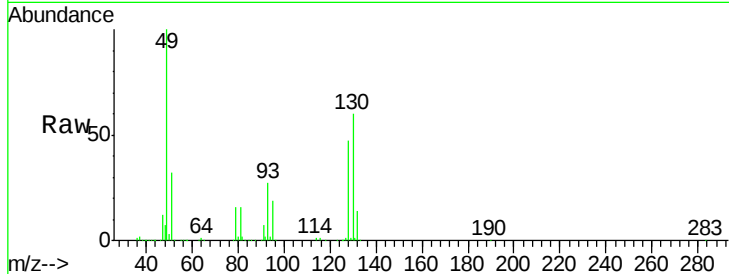
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.91 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VL031268.D
 Acq: 20 Dec 2017 13:25

Instrument :
 MSVOA_L
 ClientSampleId :
 QC121317 CAN 10428

Tot Ion: 49 Resp: 1733958
 Ion Ratio Lower Upper
 49 100
 128 47.0 23.2 69.5
 130 60.4 29.6 88.8

Manual Integrations
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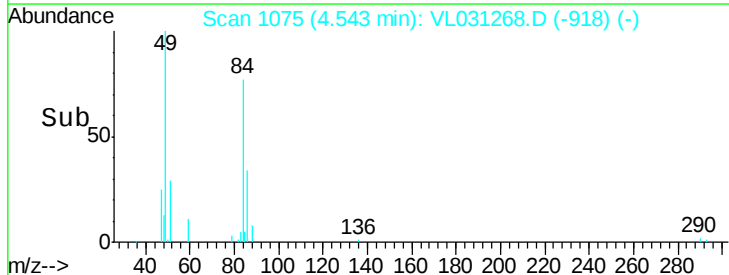
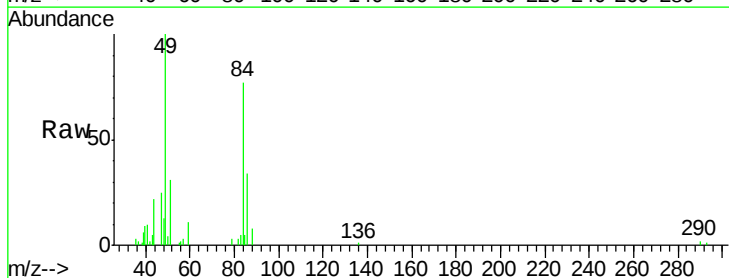
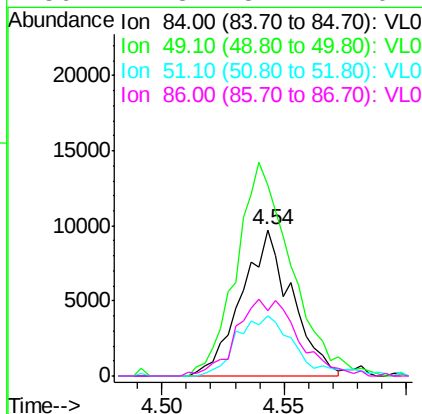
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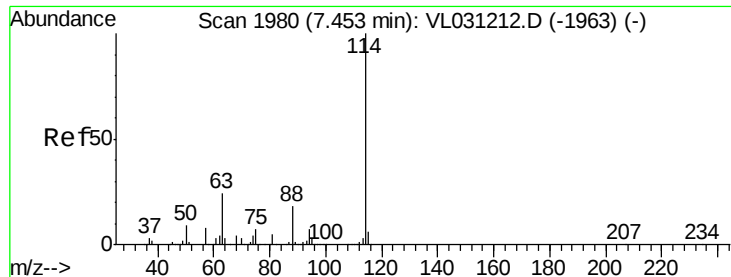


#20

Methylene Chloride
 Concen: 0.18 ppbv
 RT: 4.54 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VL031268.D
 Acq: 20 Dec 2017 13:25

Tgt Ion: 84 Resp: 13936
 Ion Ratio Lower Upper
 84 100
 49 130.4 125.8 188.6
 51 40.7 39.3 58.9
 86 42.3 51.1 76.7#





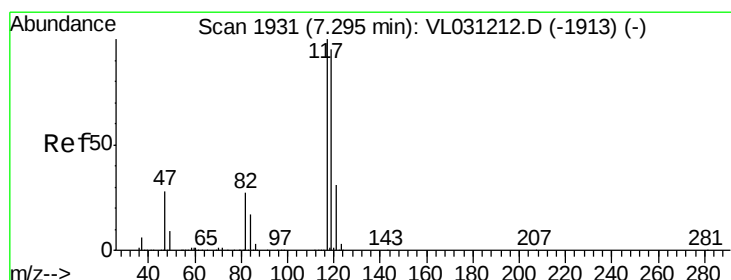
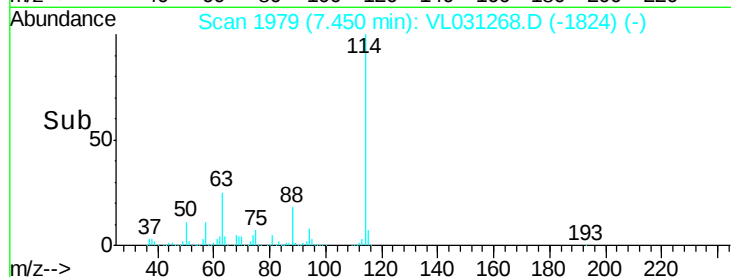
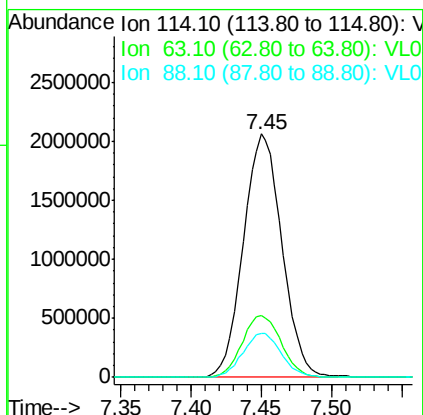
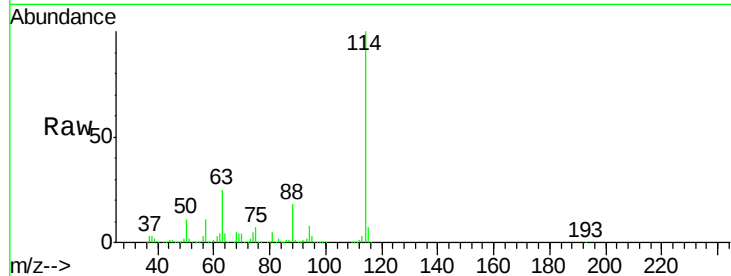
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.45 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VL031268.D
 Acq: 20 Dec 2017 13:25

Instrument :
 MSVOA_L
 ClientSampleId :
 QC121317 CAN 10428

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.1	19.8	29.8
88	18.2	14.2	21.4

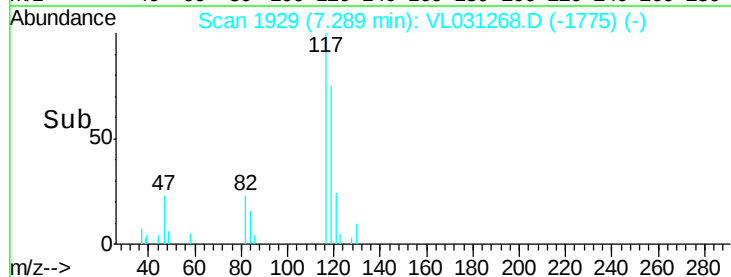
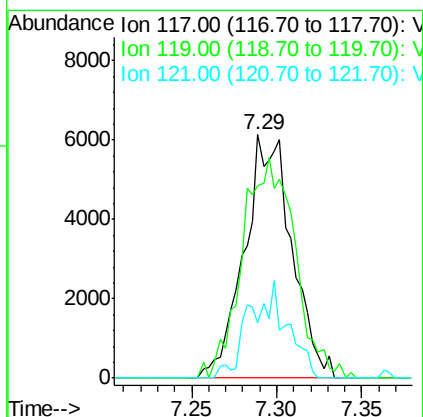
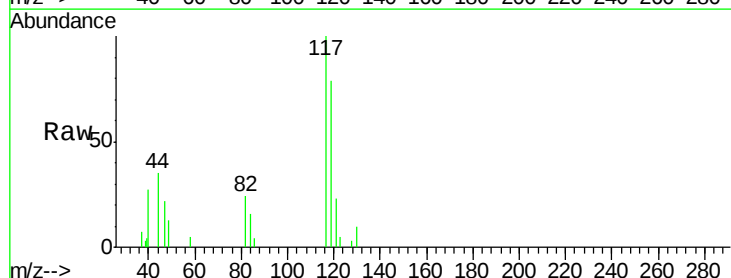
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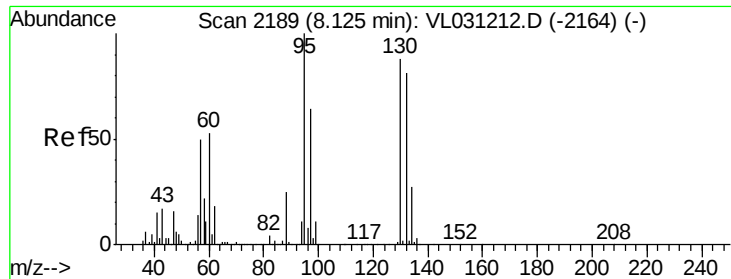
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#35
 Carbon Tetrachloride
 Concen: 0.04 ppbv m
 RT: 7.29 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VL031268.D
 Acq: 20 Dec 2017 13:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	78.9	75.9	113.9
121	22.7	24.6	37.0#





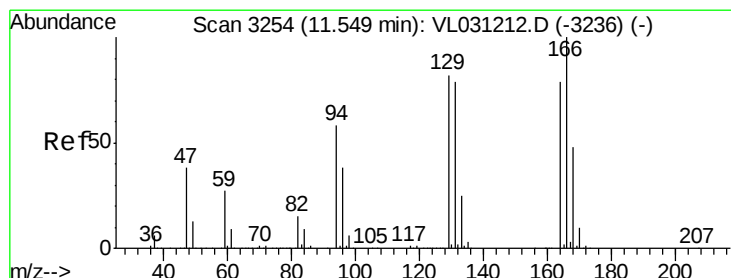
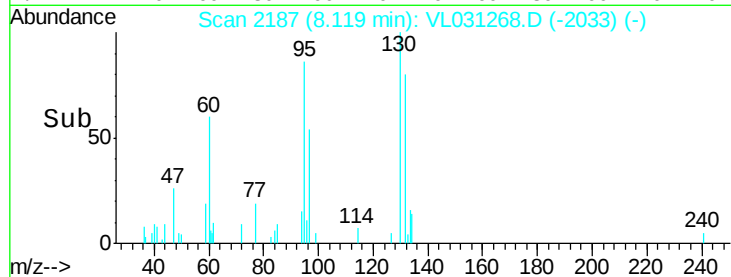
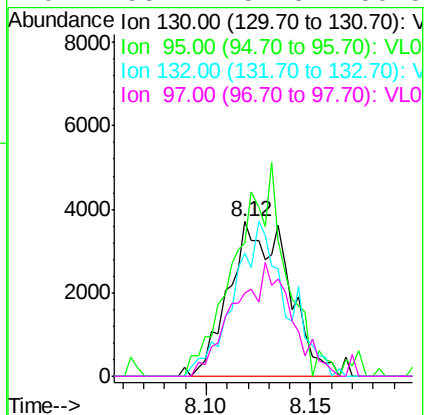
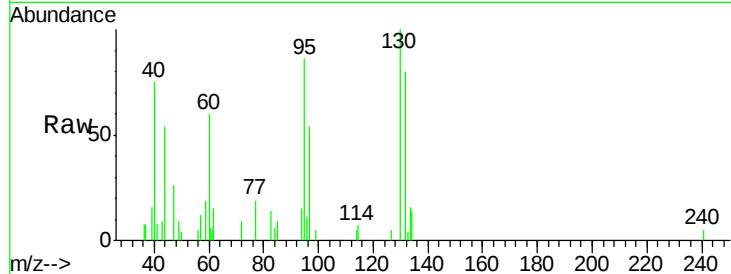
#38
 Trichloroethene
 Concen: 0.04 ppbv m
 RT: 8.12 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VL031268.D
 Acq: 20 Dec 2017 13:25

Instrument :
 MSVOA_L
 ClientSampleId :
 QC121317 CAN 10428

Tot Ion	Ratio	Lower	Upper
130	100		
95	85.8	90.6	135.8#
132	79.7	73.5	110.3
97	53.7	57.8	86.8#

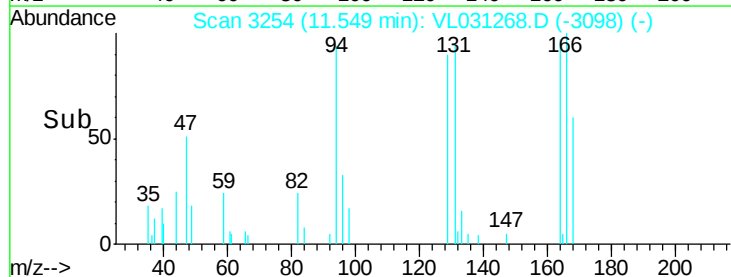
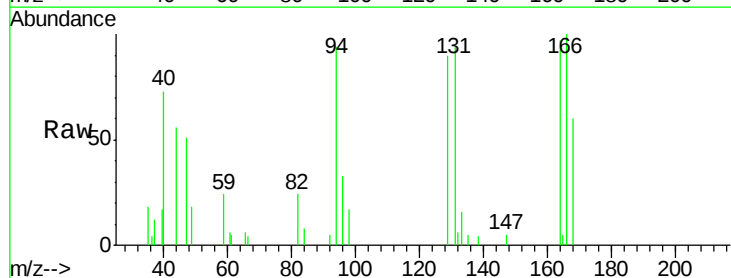
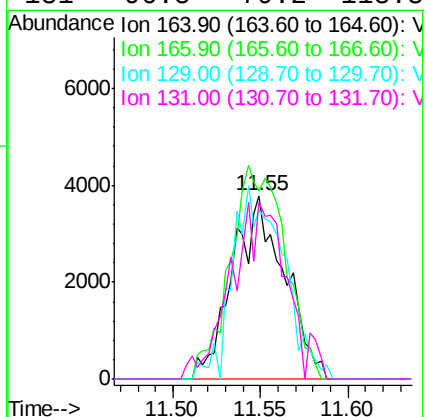
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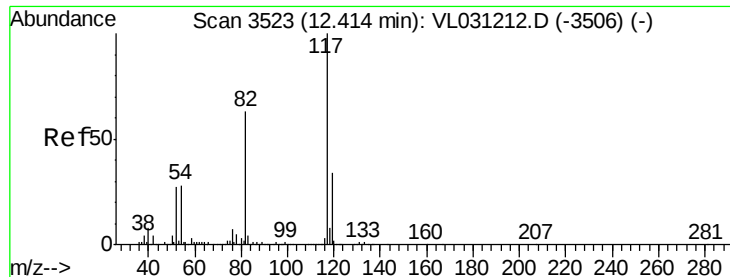
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#52
 Tetrachloroethene
 Concen: 0.05 ppbv m
 RT: 11.55 min Scan# 3254
 Delta R.T. 0.00 min
 Lab File: VL031268.D
 Acq: 20 Dec 2017 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	102.9	100.6	151.0
129	92.4	82.9	124.3
131	96.5	79.2	118.8





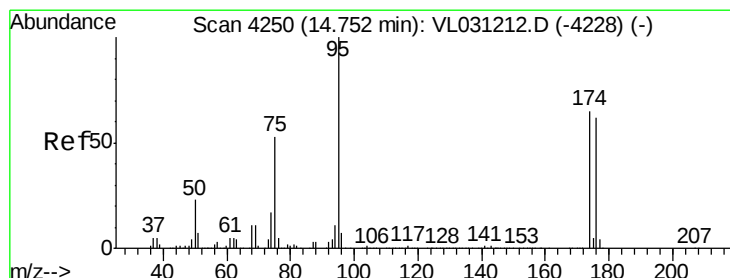
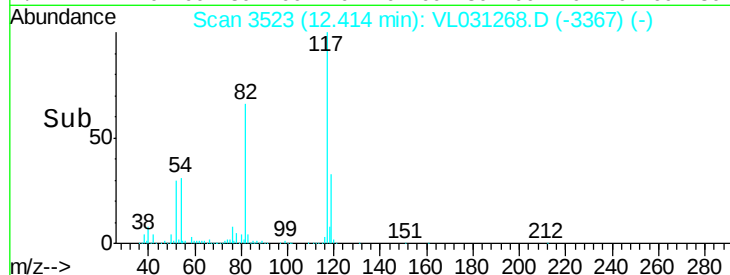
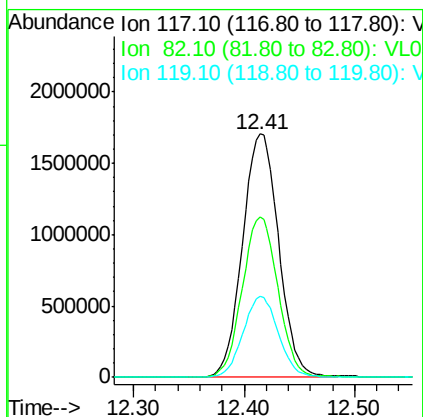
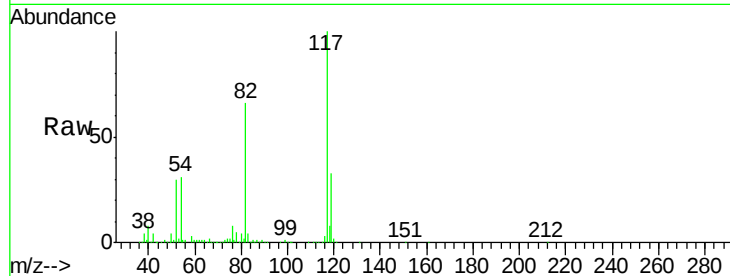
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.41 min Scan# 3523
Delta R.T. 0.00 min
Lab File: VL031268.D
Acq: 20 Dec 2017 13:25

Instrument :
MSVOA_L
ClientSampleId :
QC121317 CAN 10428

Tot Ion:117 Resp: 3883859
Ion Ratio Lower Upper
117 100
82 65.5 48.1 72.1
119 32.7 23.1 34.7

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 11.30 ppbv
RT: 14.75 min Scan# 4250
Delta R.T. 0.00 min
Lab File: VL031268.D
Acq: 20 Dec 2017 13:25

Tgt Ion: 95 Resp: 3122086
Ion Ratio Lower Upper
95 100
174 61.4 52.5 78.7
175 4.6 4.1 6.1

