

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
 Data File : VL034272.D
 Acq On : 9 Oct 2019 9:19
 Operator : SY/AP
 Sample : K5222-03DL2 300X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V-3DL2

Manual Integrations
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Quant Time: Oct 10 01:58:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	974007	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1820796	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1812607	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.48	95	1572869	9.99	ppbv	-0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.60	45	27553m	2.019	ppbv	
15) Acetone	3.85	43	138053	1.058	ppbv	97
31) cis-1,2-Dichloroethene	5.56	61	28998m	0.277	ppbv	
38) Trichloroethene	7.87	130	9282m	0.129	ppbv	
52) Tetrachloroethene	11.28	164	322453	4.853	ppbv	96

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

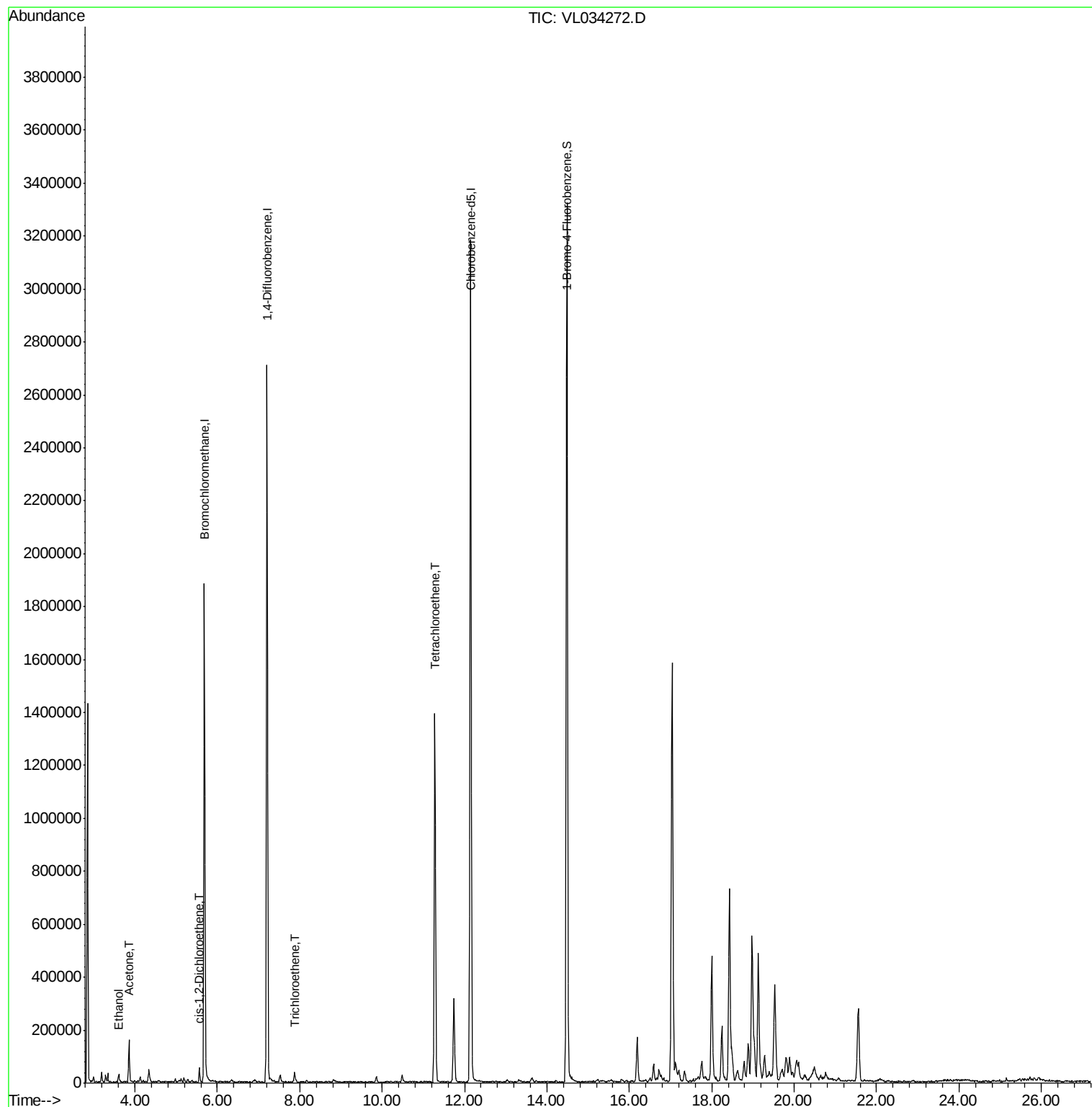
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
Data File : VL034272.D
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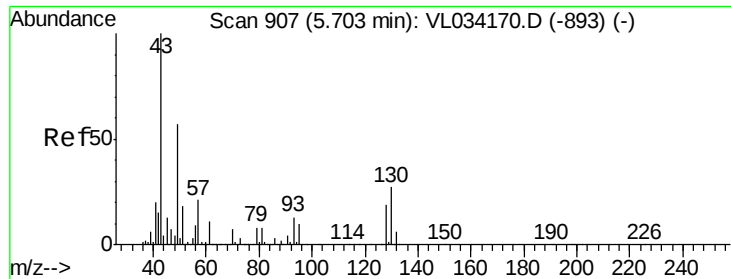
Instrument :
MSVOA_L
ClientSampleId :
V-3DL2

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.02 min

Lab File: VL034272.D

Acq: 9 Oct 2019 9:19

Instrument :

MSVOA_L

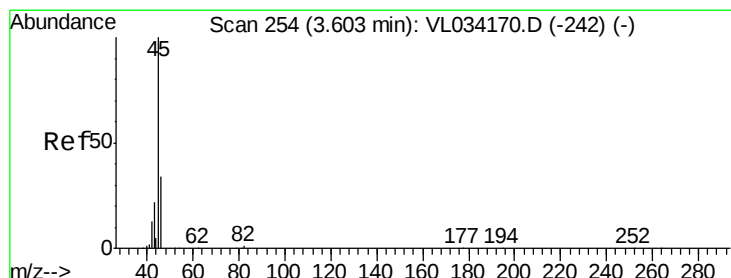
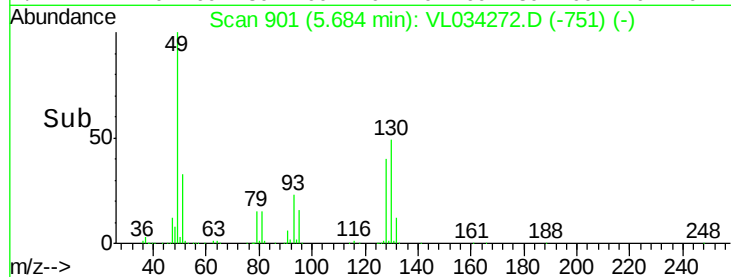
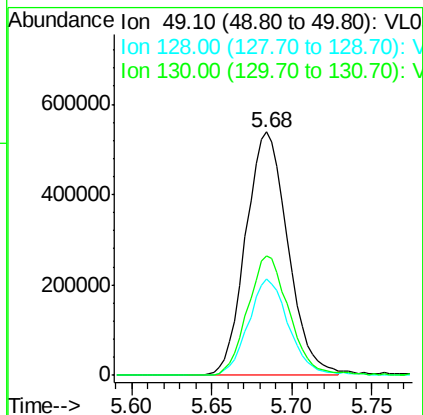
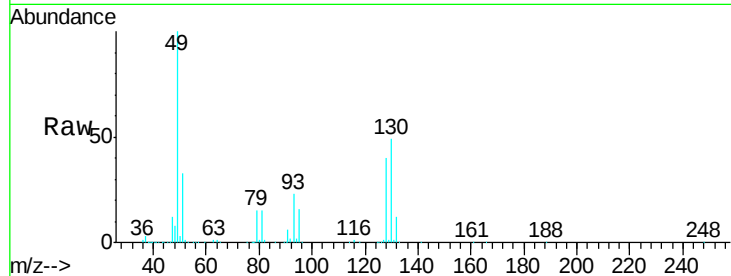
ClientSampled :

V-3DL2

Tgt Ion:	49	Resp:	974007
Ion Ratio	Lower	Upper	
49	100		
128	38.5	17.6	52.9
130	48.9	22.3	66.9

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#13

Ethanol

Concen: 2.019 ppbv m

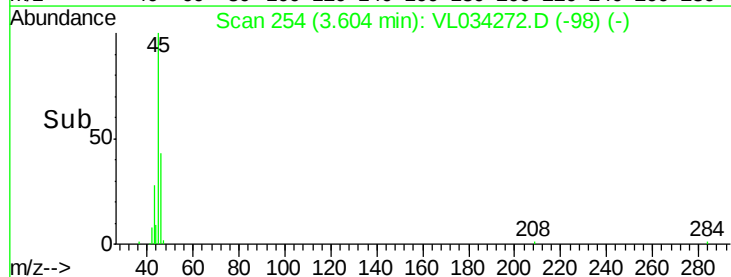
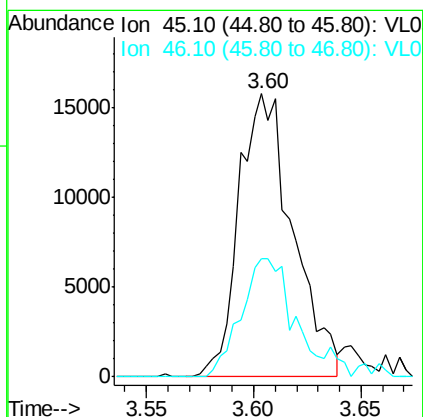
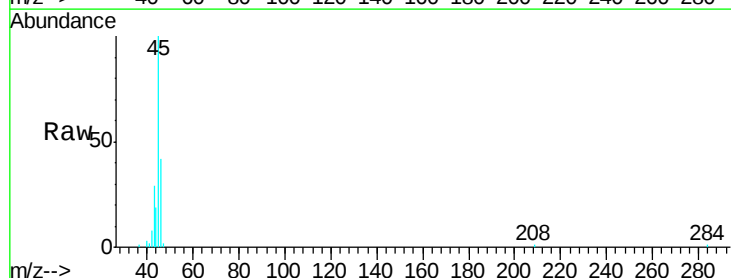
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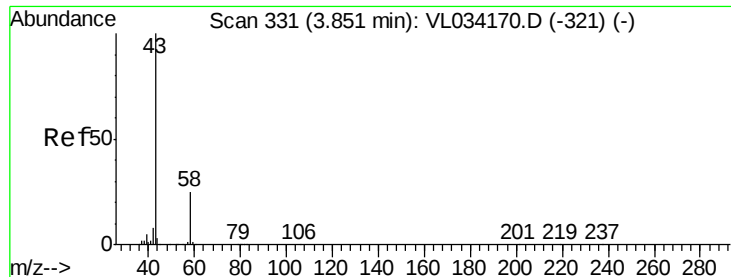
Delta R.T. 0.00 min

Lab File: VL034272.D

Acq: 9 Oct 2019 9:19

Tgt Ion:	45	Resp:	27553
Ion Ratio	Lower	Upper	
45	100		
46	44.1	15.5	61.9





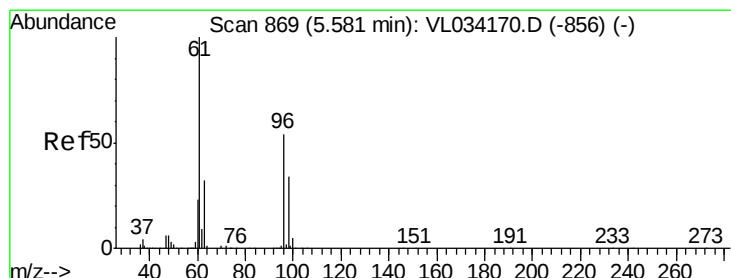
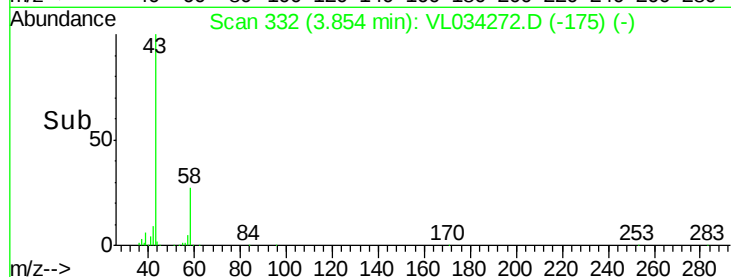
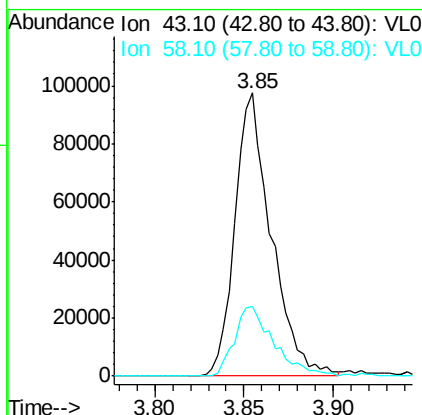
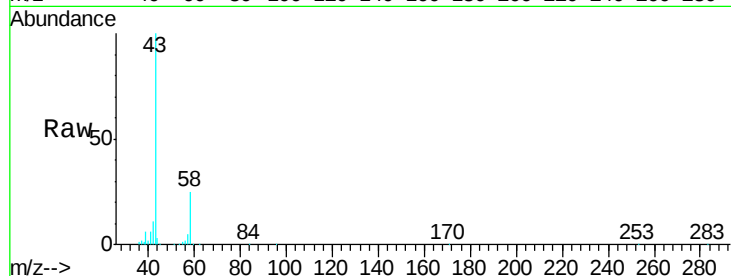
#15
Acetone
Concen: 1.058 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL034272.D
Acq: 9 Oct 2019 9:19

Instrument :
MSVOA_L
ClientSampled :
V-3DL2

Tgt Ion: 43 Resp: 138053
Ion Ratio Lower Upper
43 100
58 27.2 20.5 30.7

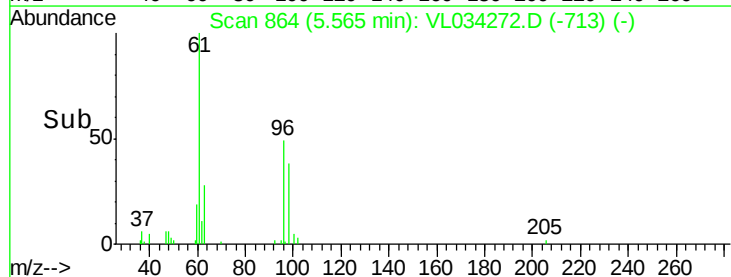
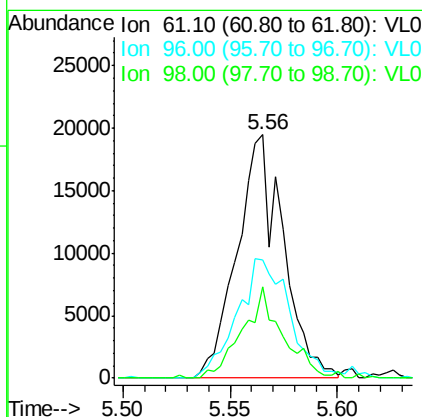
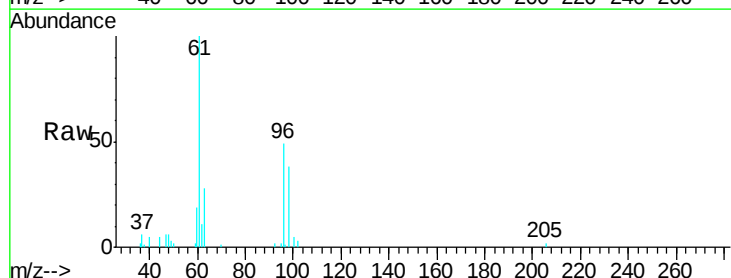
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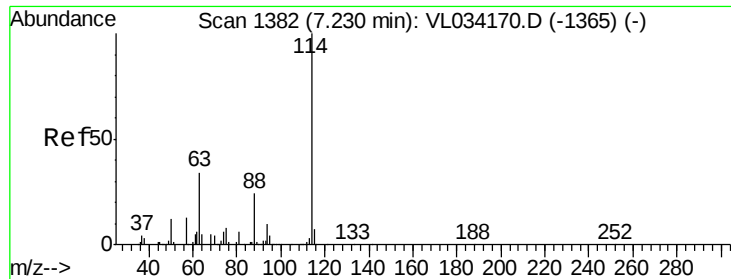
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#31
cis-1,2-Dichloroethene
Concen: 0.277 ppbv m
RT: 5.56 min Scan# 864
Delta R.T. -0.02 min
Lab File: VL034272.D
Acq: 9 Oct 2019 9:19

Tgt Ion: 61 Resp: 28998
Ion Ratio Lower Upper
61 100
96 48.8 43.0 64.4
98 37.5 27.2 40.8





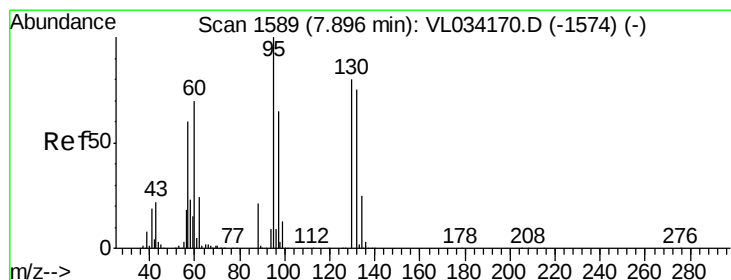
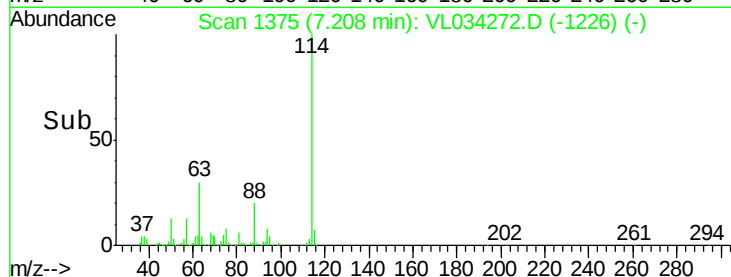
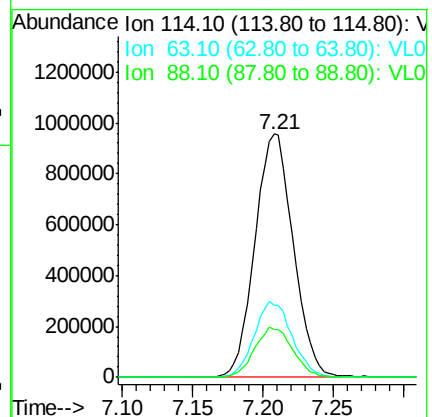
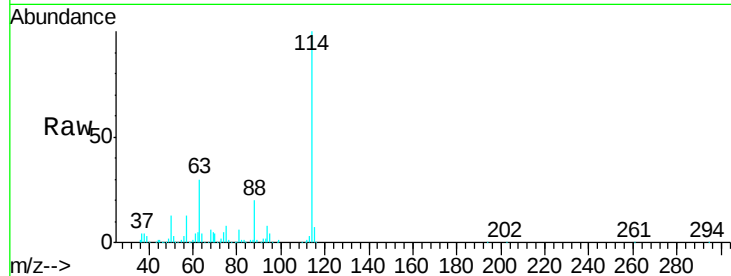
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. -0.02 min
Lab File: VL034272.D
Acq: 9 Oct 2019 9:19

Instrument :
MSVOA_L
ClientSampleId :
V-3DL2

Tgt Ion:114 Resp: 1820796
Ion Ratio Lower Upper
114 100
63 30.9 27.8 41.6
88 20.5 17.1 25.7

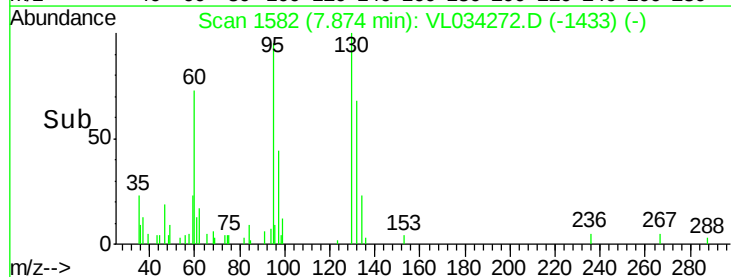
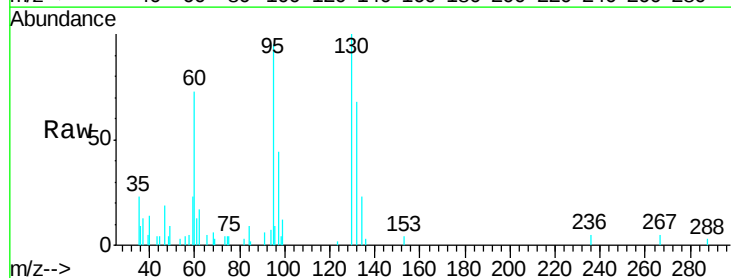
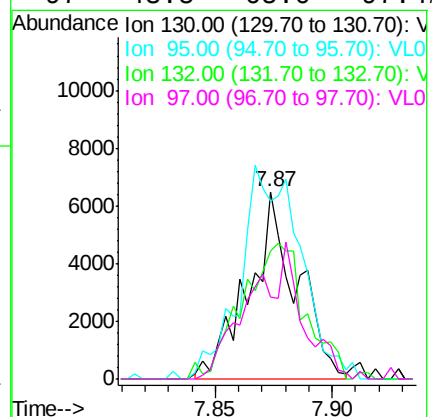
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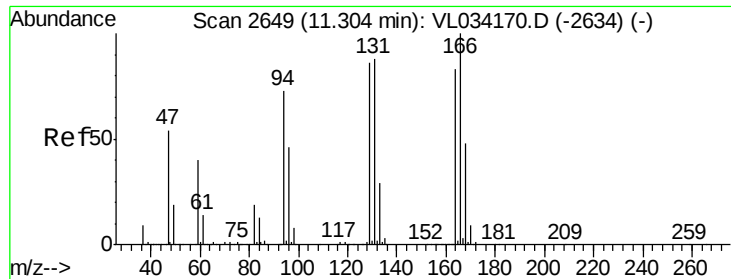
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#38
Trichloroethene
Concen: 0.129 ppbv m
RT: 7.87 min Scan# 1582
Delta R.T. -0.02 min
Lab File: VL034272.D
Acq: 9 Oct 2019 9:19

Tgt Ion:130 Resp: 9282
Ion Ratio Lower Upper
130 100
95 95.5 99.8 149.6#
132 68.2 75.2 112.8#
97 43.5 65.0 97.4#





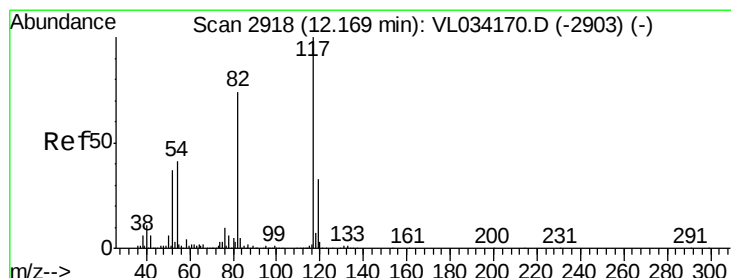
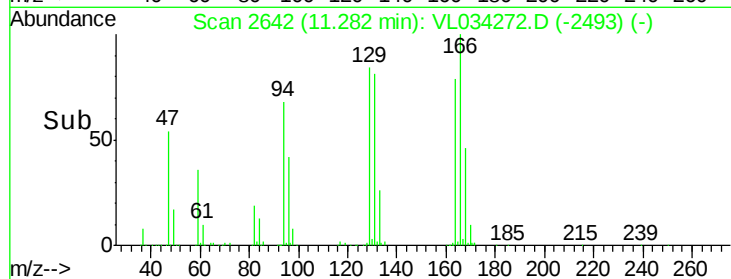
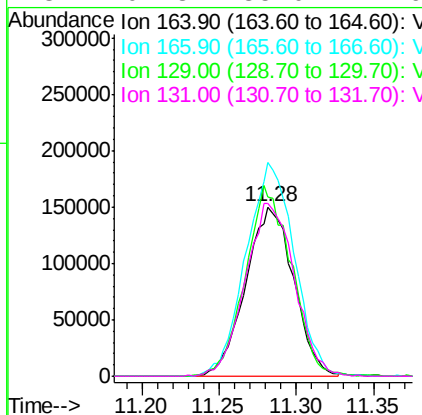
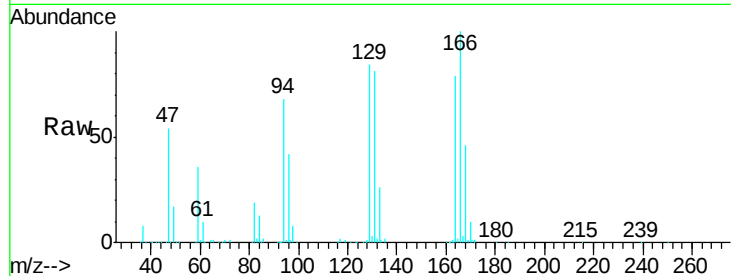
#52
Tetrachloroethene
Concen: 4.853 ppbv
RT: 11.28 min Scan# 2642
Delta R.T. -0.02 min
Lab File: VL034272.D
Acq: 9 Oct 2019 9:19

Instrument :
MSVOA_L
ClientSampleId :
V-3DL2

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	322453		
166	125.9	96.7	145.1	
129	105.2	82.8	124.2	
131	101.3	85.0	127.6	

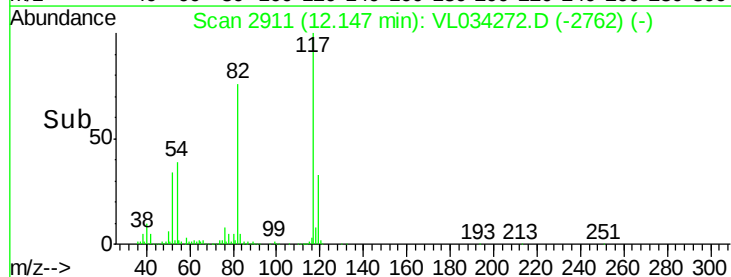
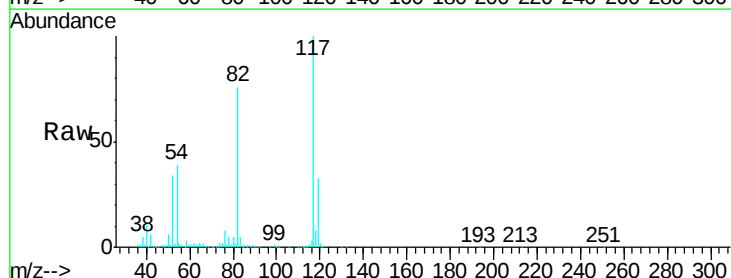
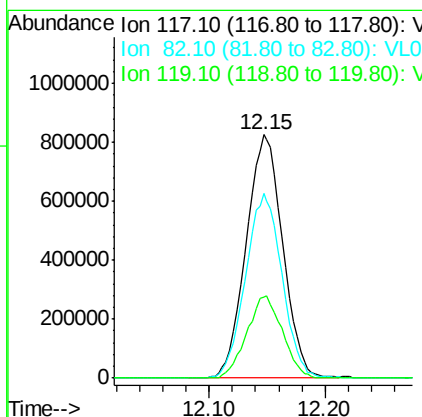
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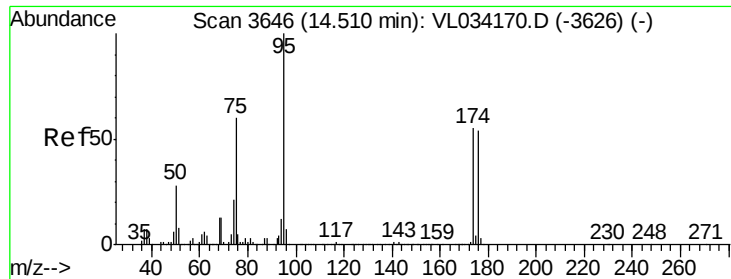
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.02 min
Lab File: VL034272.D
Acq: 9 Oct 2019 9:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1812607		
82	76.1	58.2	87.4	
119	33.1	23.7	35.5	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.986 ppbv
 RT: 14.48 min Scan# 3638
 Delta R.T. -0.03 min
 Lab File: VL034272.D
 Acq: 9 Oct 2019 9:19

Instrument :
 MSVOA_L
 ClientSampleId :
 V-3DL2

Tgt Ion: 95 Resp: 1572869
 Ion Ratio Lower Upper
 95 100
 174 59.7 45.1 67.7
 175 4.5 3.3 4.9

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