

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\
 Data File : VL034353.D
 Acq On : 24 Oct 2019 19:28
 Operator : SY/AP
 Sample : K5516-01DL 40X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL

Manual Integrations
 APPROVED

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 10/28/2019 9:43:44 AM

Quant Time: Oct 25 03:01:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Oct 1
 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	984541	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.20	114	2147063	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	2091532	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1707211	9.64	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.60	45	52275m	4.564	ppbv	
15) Acetone	3.86	43	27109	0.193	ppbv #	90
20) Methylene Chloride	4.34	84	8845	0.174	ppbv #	83
52) Tetrachloroethene	11.26	164	10160m	0.126	ppbv	

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

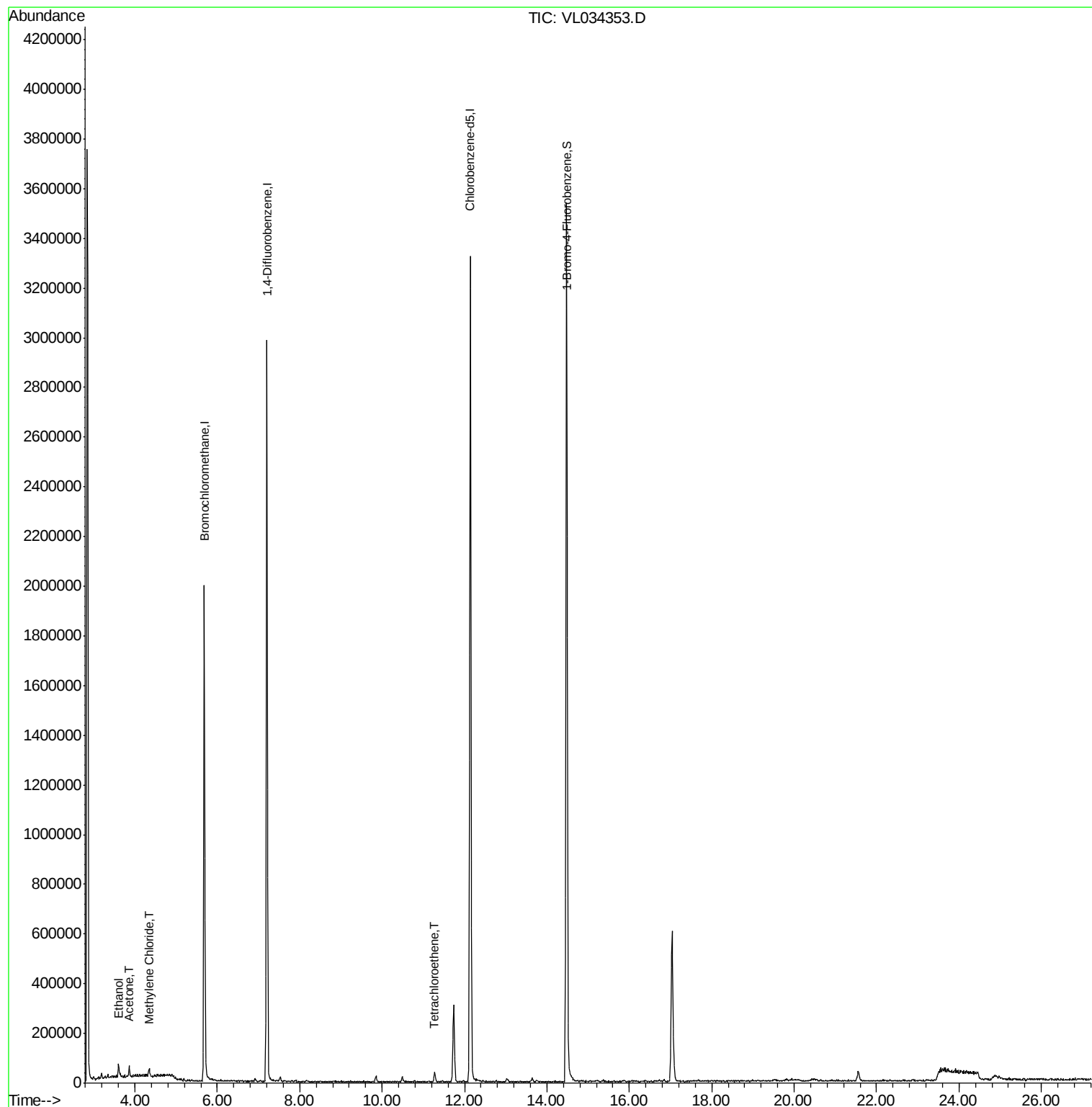
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Data File : VL034353.D
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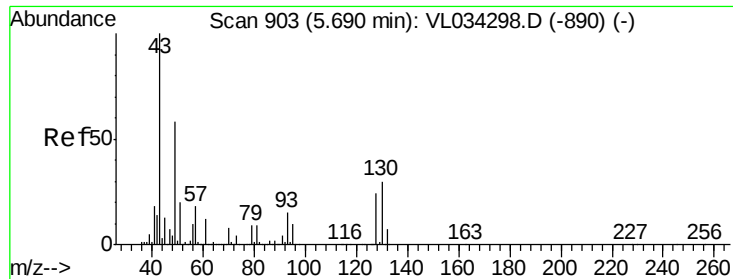
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

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Quant Time: Oct 25 03:01:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration





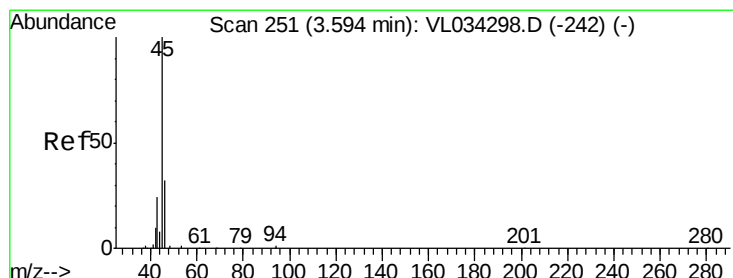
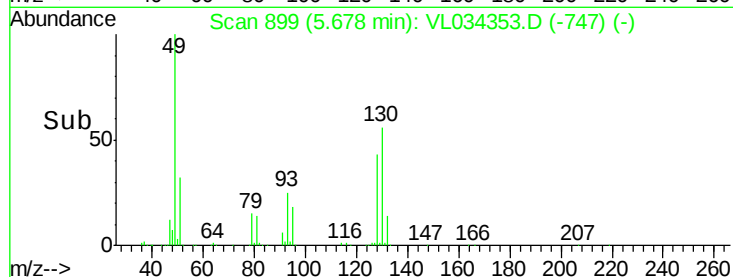
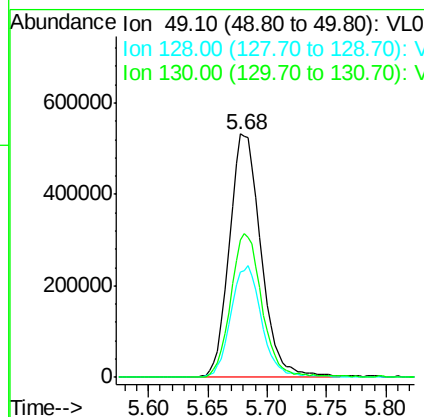
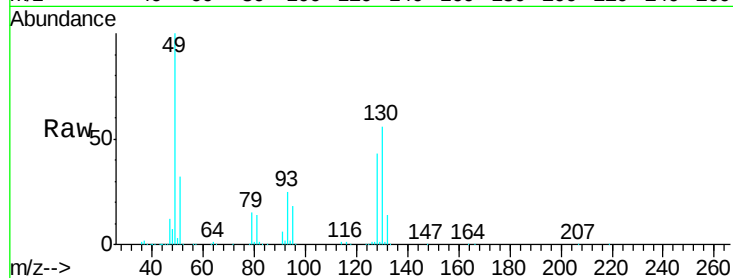
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL034353.D
Acq: 24 Oct 2019 19:28

Instrument :
MSVOA_L
ClientSampled :
SV-2DL

Tgt Ion	Ratio	Lower	Upper
49	100		
128	44.8	20.6	61.8
130	58.5	26.2	78.5

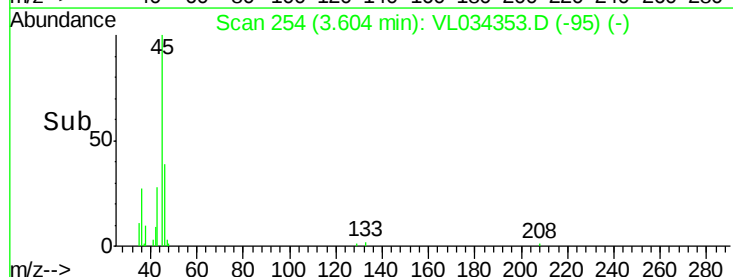
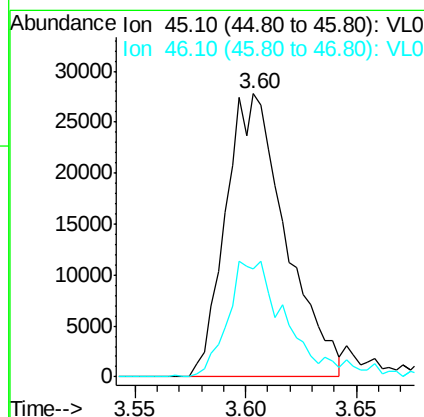
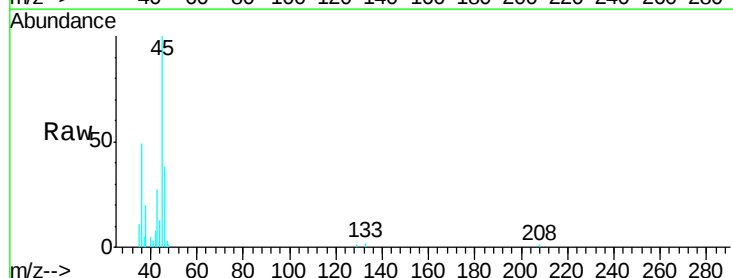
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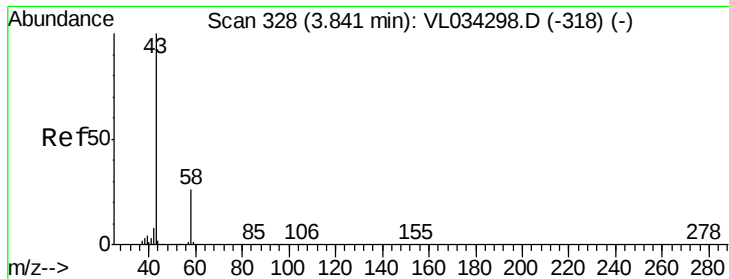
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#13
Ethanol
Concen: 4.564 ppbv m
RT: 3.60 min Scan# 254
Delta R.T. 0.01 min
Lab File: VL034353.D
Acq: 24 Oct 2019 19:28

Tgt Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.8	63.2





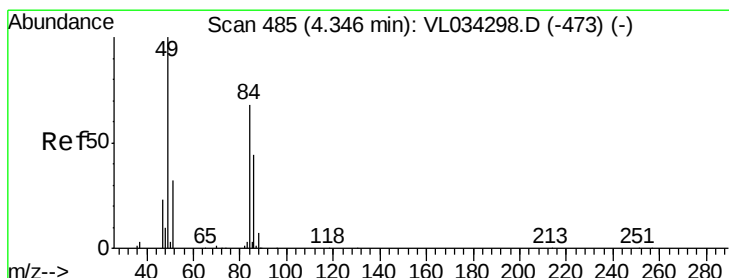
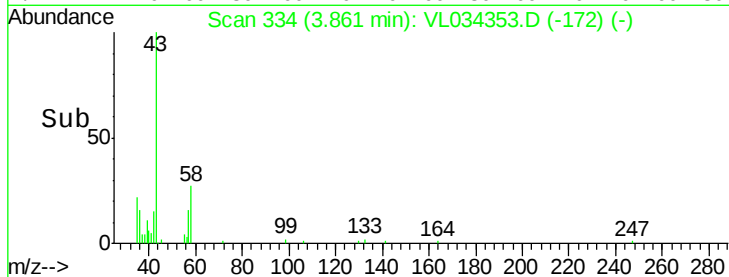
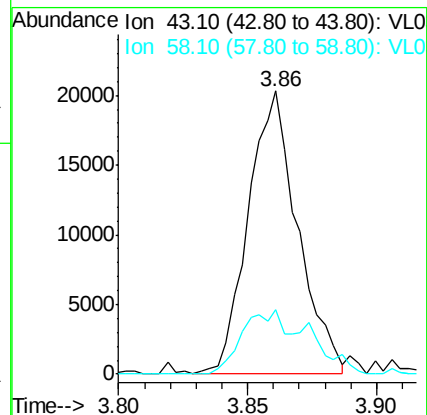
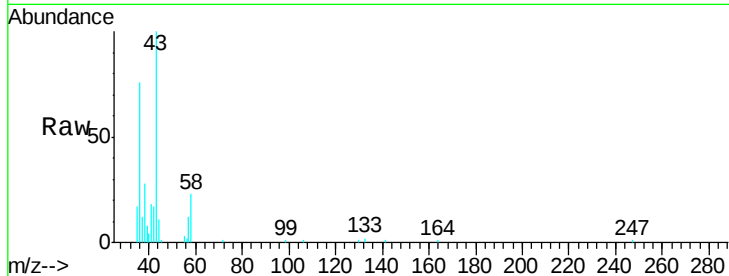
#15
Acetone
Concen: 0.193 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.02 min
Lab File: VL034353.D
Acq: 24 Oct 2019 19:28

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 43 Resp: 27109
Ion Ratio Lower Upper
43 100
58 30.7 20.4 30.6#

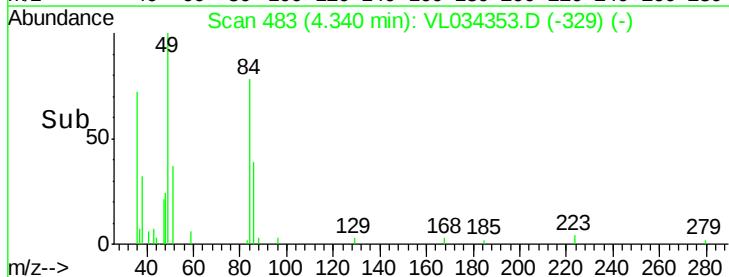
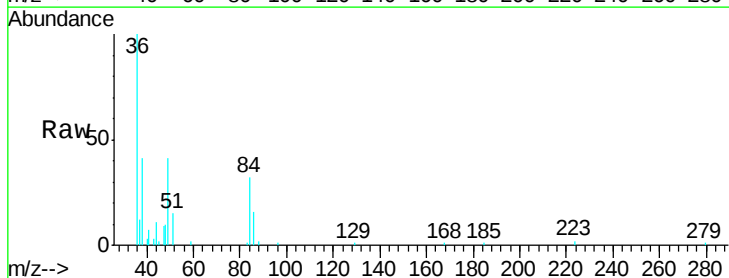
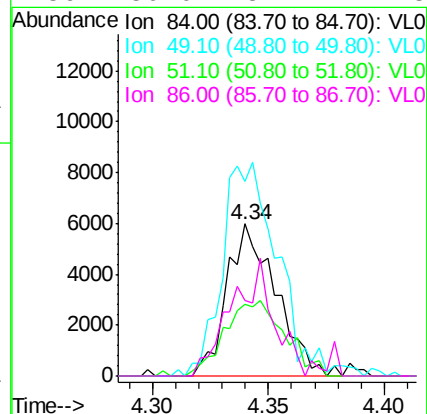
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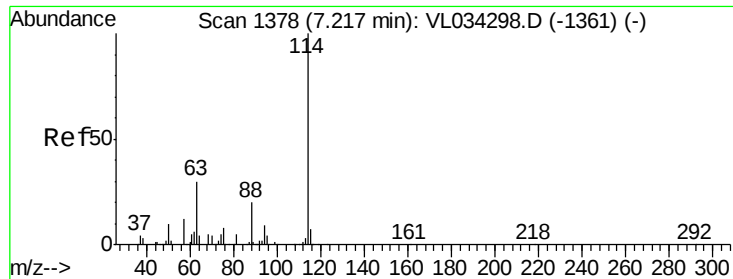
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#20
Methylene Chloride
Concen: 0.174 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL034353.D
Acq: 24 Oct 2019 19:28

Tgt Ion: 84 Resp: 8845
Ion Ratio Lower Upper
84 100
49 121.3 118.5 177.7
51 47.1 38.8 58.2
86 50.0 51.7 77.5#





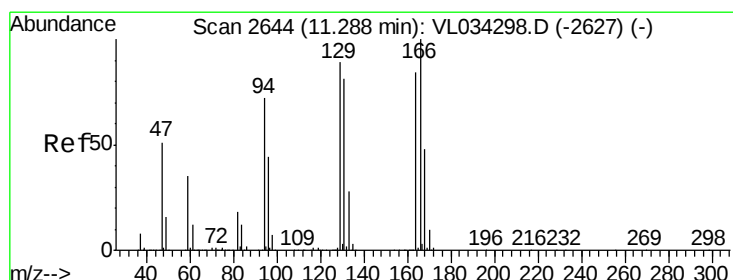
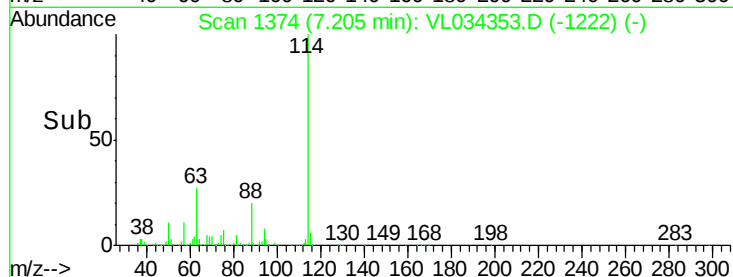
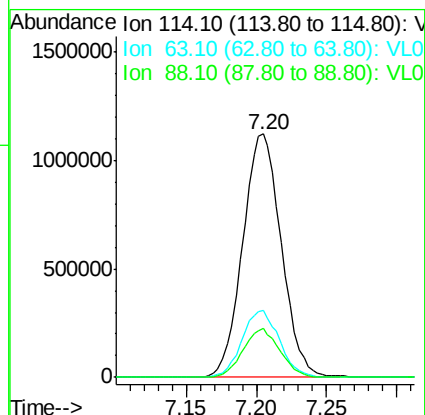
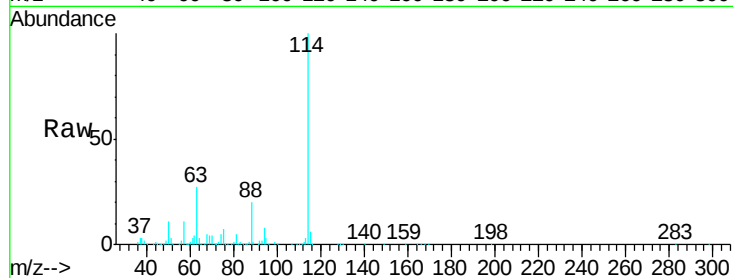
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.01 min
Lab File: VL034353.D
Acq: 24 Oct 2019 19:28

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.8	25.2	37.8
88	19.4	16.0	24.0

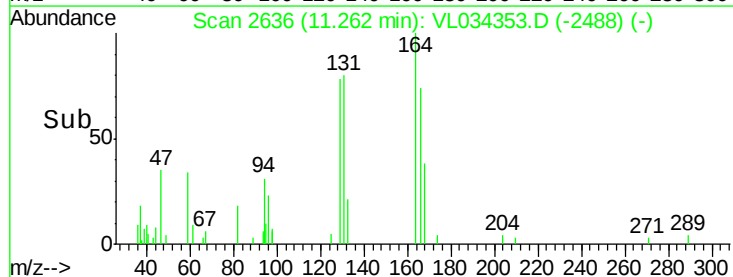
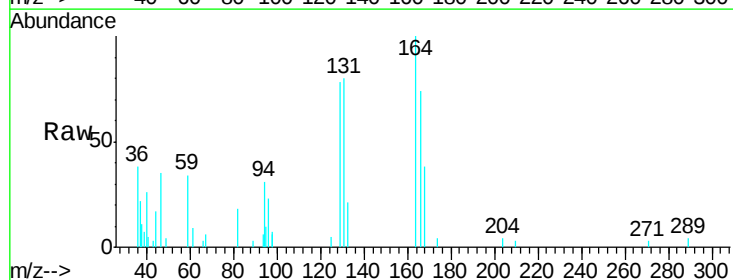
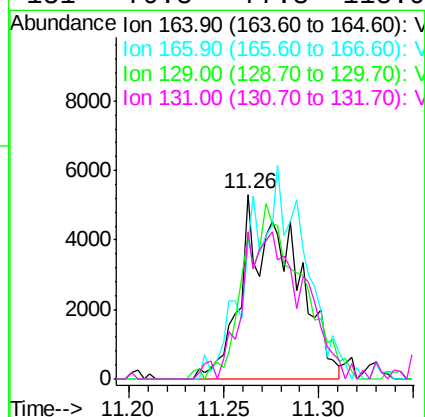
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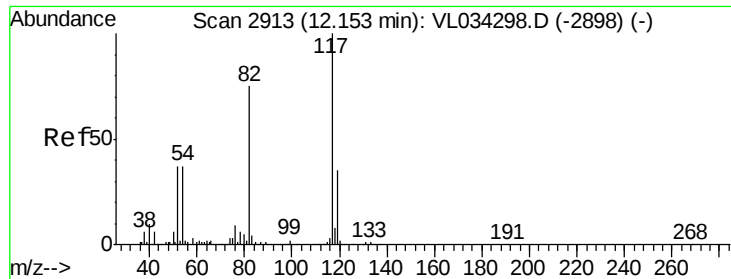
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#52
Tetrachloroethene
Concen: 0.126 ppbv m
RT: 11.26 min Scan# 2636
Delta R.T. -0.03 min
Lab File: VL034353.D
Acq: 24 Oct 2019 19:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	73.7	95.3	142.9#
129	78.3	84.5	126.7#
131	79.8	77.3	115.9





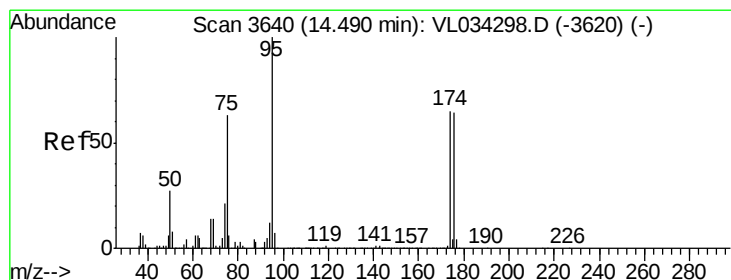
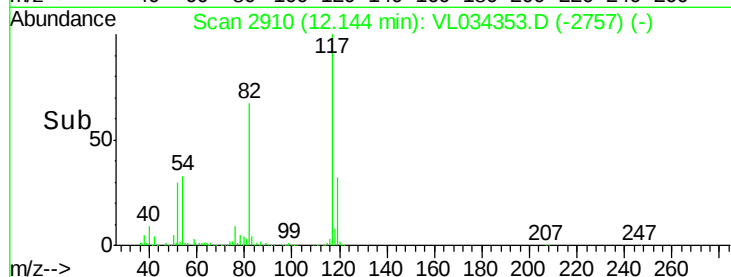
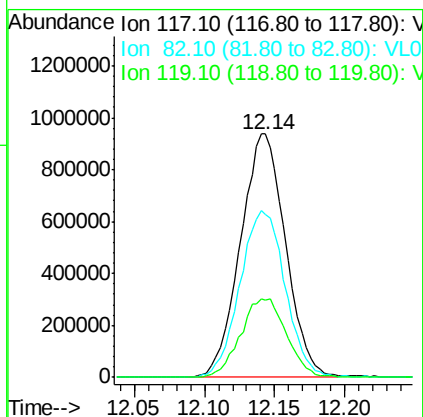
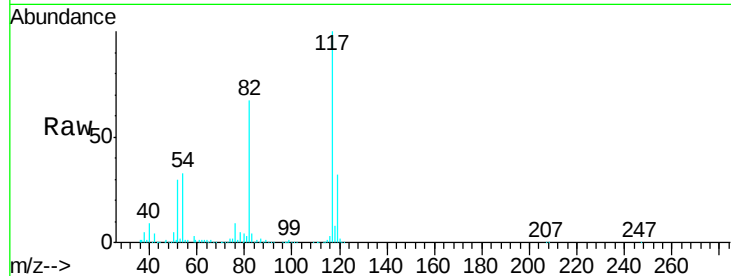
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL034353.D
Acq: 24 Oct 2019 19:28

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 117 Resp: 2091532
Ion Ratio Lower Upper
117 100
82 69.7 55.5 83.3
119 33.2 26.5 39.7

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.638 ppbv
RT: 14.48 min Scan# 3636
Delta R.T. -0.01 min
Lab File: VL034353.D
Acq: 24 Oct 2019 19:28

Tgt Ion: 95 Resp: 1707211
Ion Ratio Lower Upper
95 100
174 71.2 52.6 78.8
175 4.9 3.8 5.6

