

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
 Data File : VL034363.D
 Acq On : 25 Oct 2019 14:26
 Operator : SY/AP
 Sample : K5477-02DL2 600X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV6DL2

Manual Integrations
 APPROVED

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 10/31/2019 2:12:54 AM

Quant Time: Oct 27 19:26:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	874460	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1760218	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	1757886	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1473966	9.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds					Qvalue
31) cis-1,2-Dichloroethene	5.56	61	39744m	0.435	ppbv
38) Trichloroethene	7.87	130	46263	0.683	ppbv 87
52) Tetrachloroethene	11.28	164	604352	9.129	ppbv 94

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

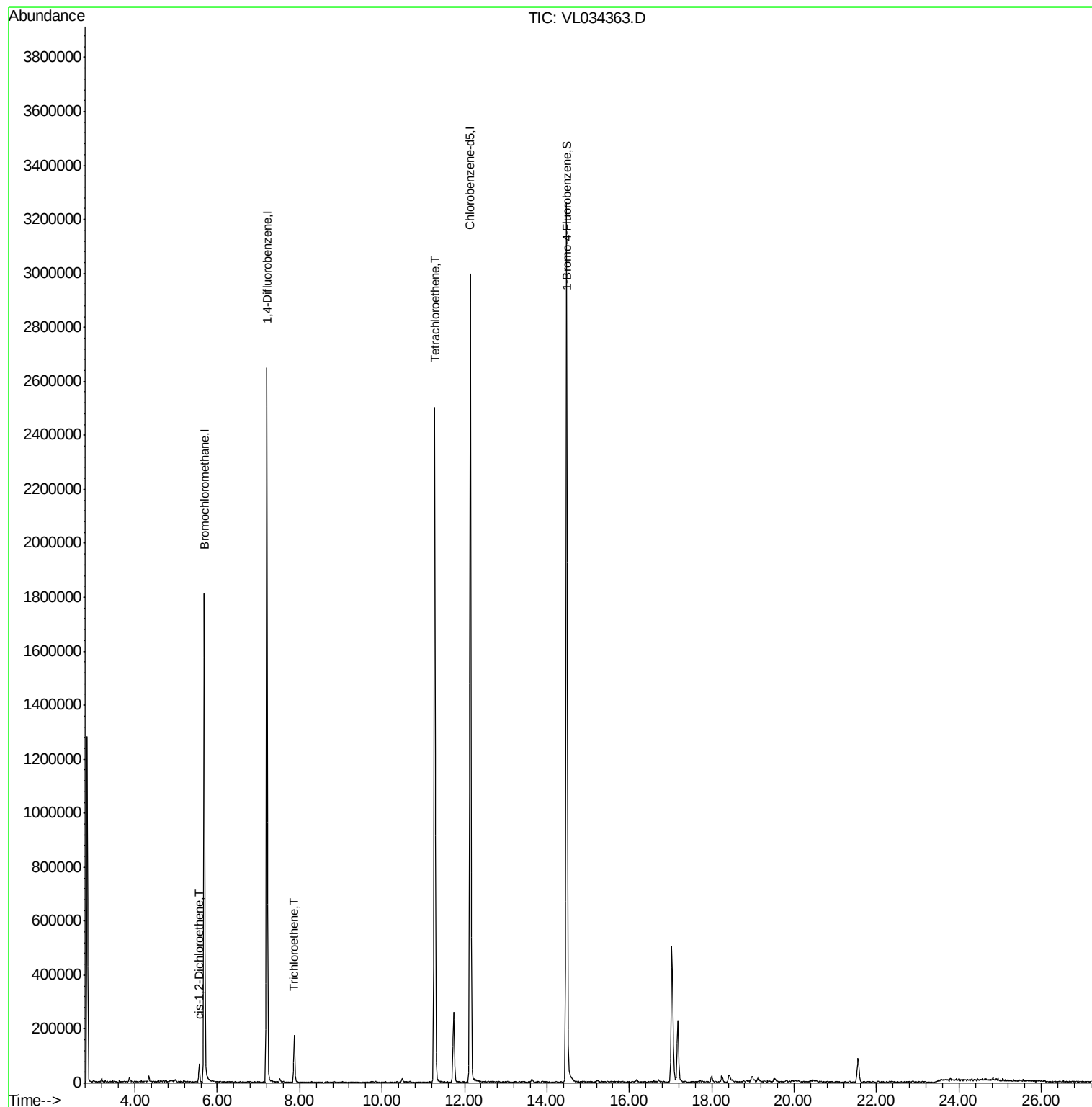
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Data File : VL034363.D
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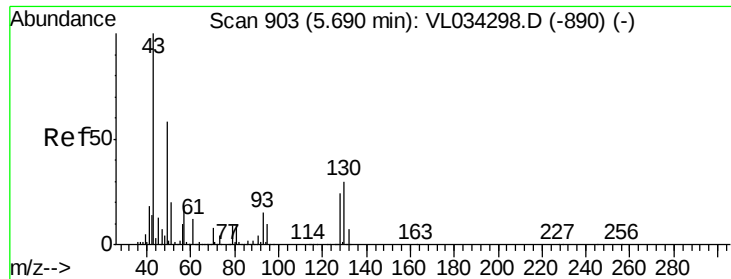
Instrument :
MSVOA_L
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

Lab File: VL034363.D

Acq: 25 Oct 2019 14:26

Instrument :

MSVOA_L

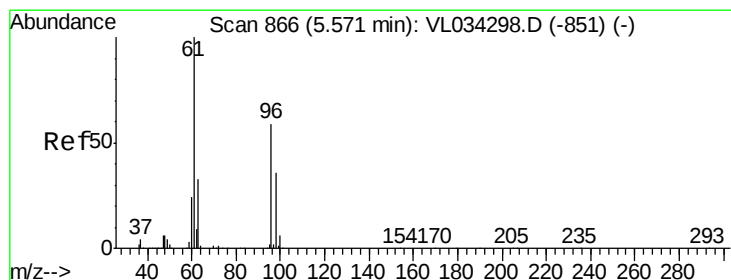
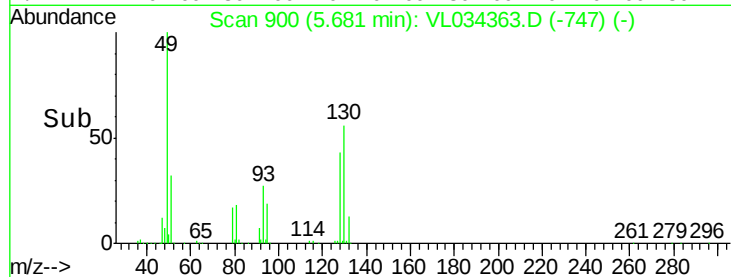
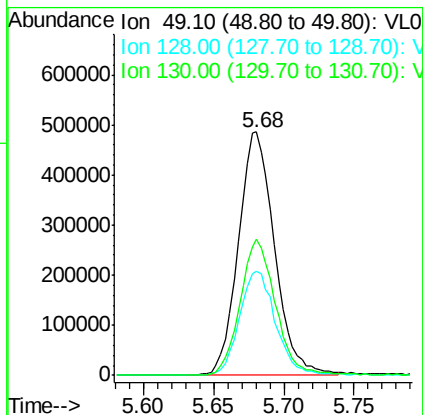
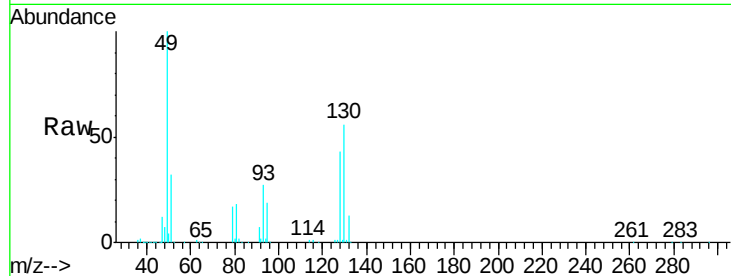
ClientSampled :

SV6DL2

Tgt Ion:	49	Resp:	874460
Ion Ratio	Lower	Upper	
49	100		
128	43.2	20.6	61.8
130	54.9	26.2	78.5

Manual Integrations
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#31

cis-1,2-Dichloroethene

Concen: 0.435 ppbv m

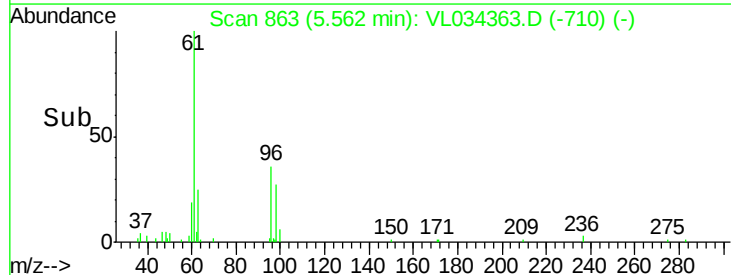
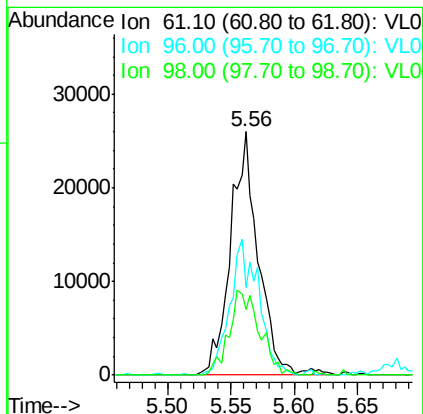
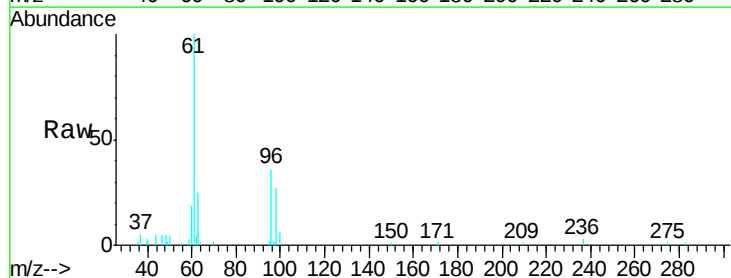
RT: 5.56 min Scan# 863

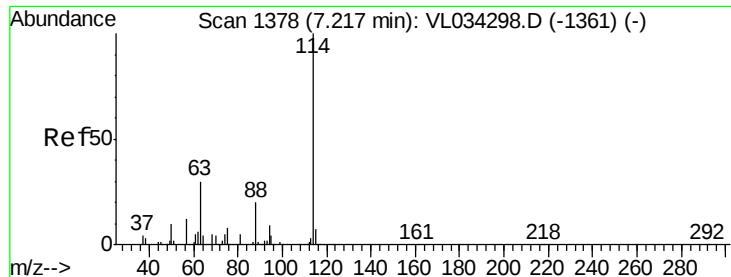
Delta R.T. -0.01 min

Lab File: VL034363.D

Acq: 25 Oct 2019 14:26

Tgt Ion:	61	Resp:	39744
Ion Ratio	Lower	Upper	
61	100		
96	35.8	47.5	71.3#
98	27.1	28.8	43.2#





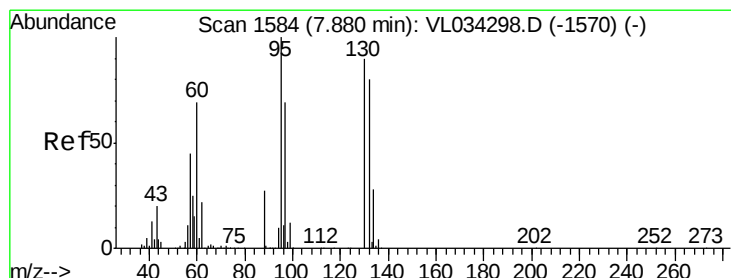
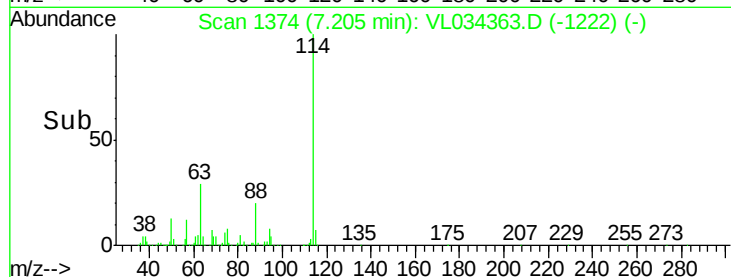
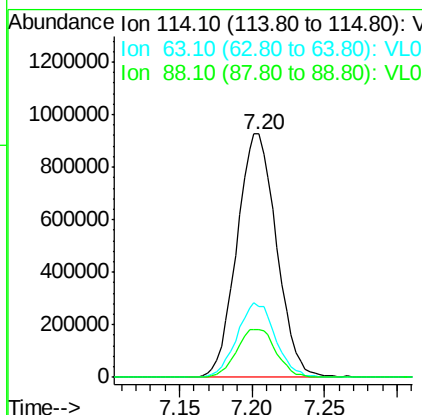
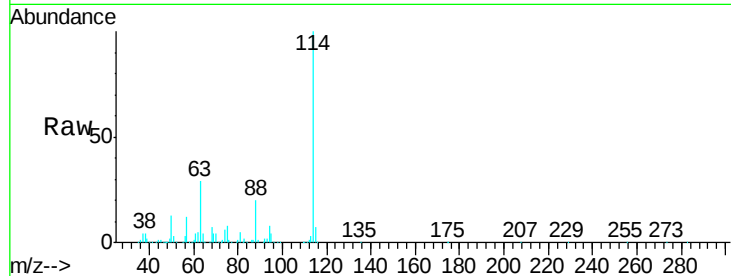
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: VL034363.D
 Acq: 25 Oct 2019 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 SV6DL2

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.8	25.2	37.8
88	19.8	16.0	24.0

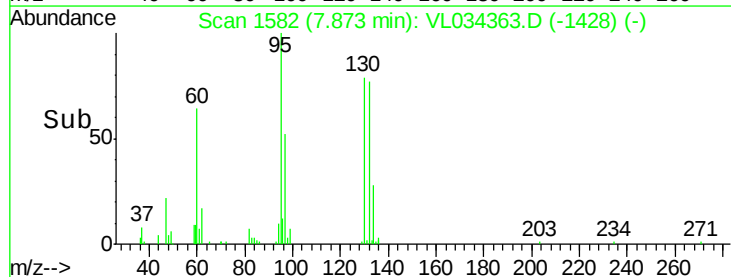
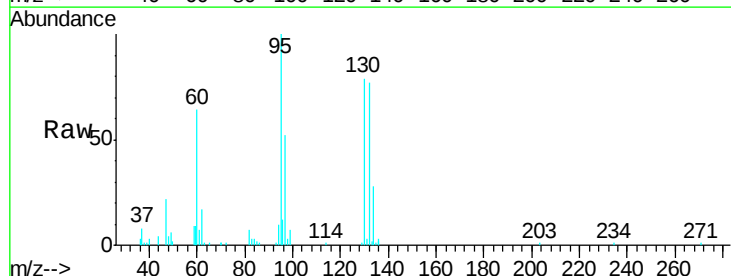
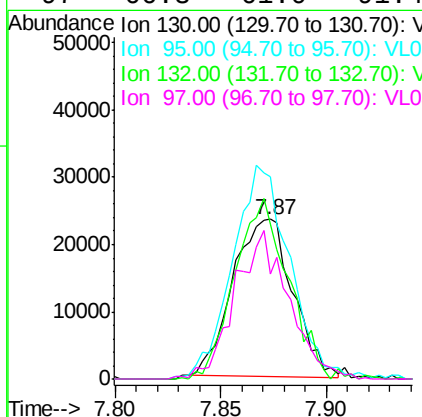
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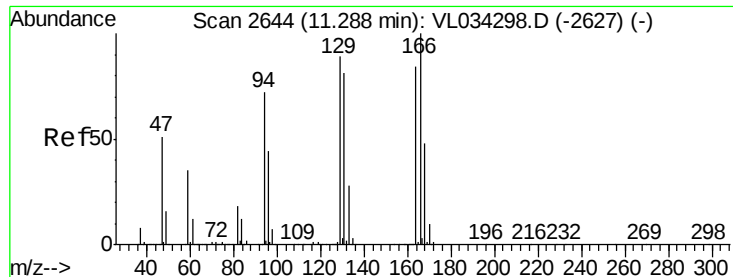
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#38
 Trichloroethene
 Concen: 0.683 ppbv
 RT: 7.87 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: VL034363.D
 Acq: 25 Oct 2019 14:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	126.9	88.6	132.8
132	99.3	71.2	106.8
97	66.3	61.0	91.4





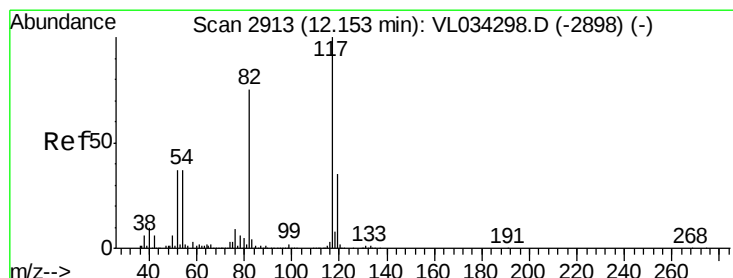
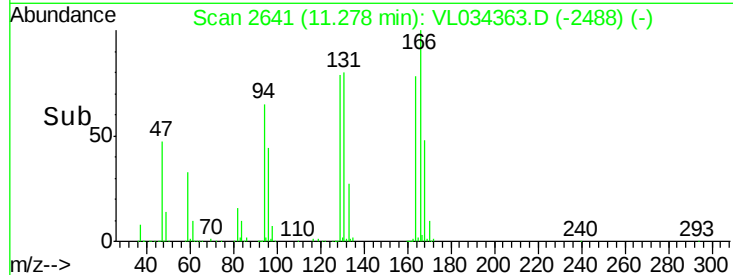
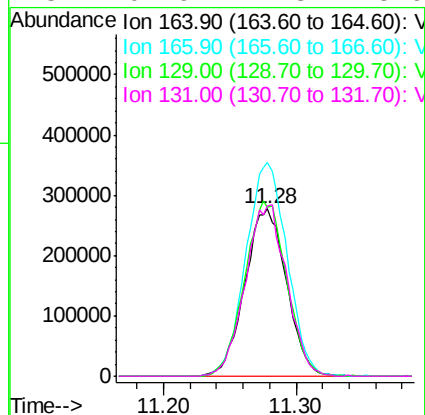
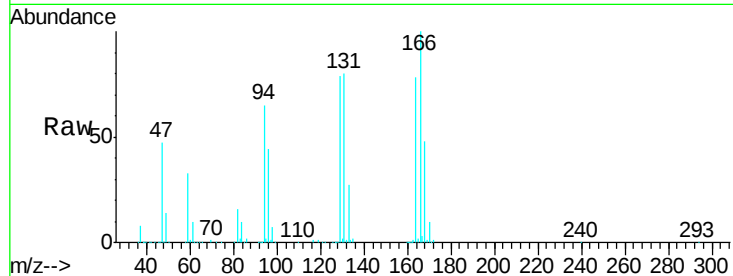
#52
Tetrachloroethene
Concen: 9.129 ppbv
RT: 11.28 min Scan# 2641
Delta R.T. -0.01 min
Lab File: VL034363.D
Acq: 25 Oct 2019 14:26

Instrument :
MSVOA_L
ClientSampleId :
SV6DL2

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	604352		
166	127.7	95.3	142.9	
129	100.9	84.5	126.7	
131	101.9	77.3	115.9	

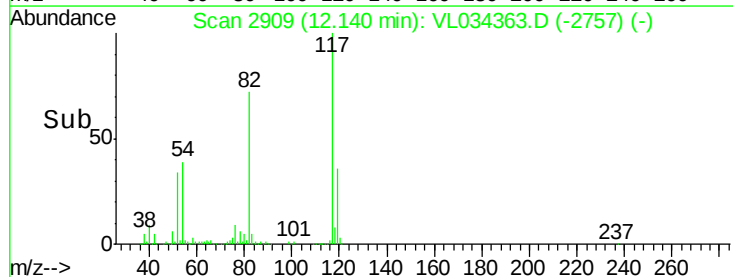
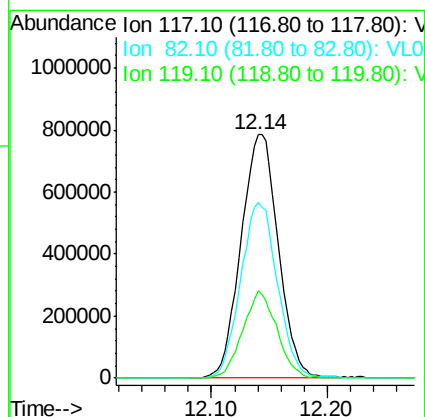
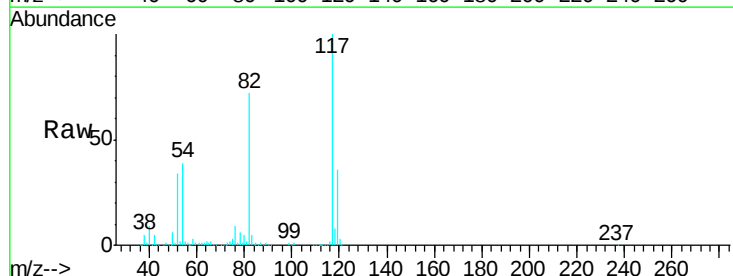
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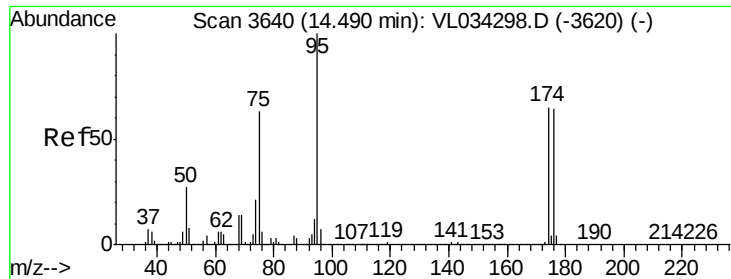
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.01 min
Lab File: VL034363.D
Acq: 25 Oct 2019 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1757886		
82	71.5	55.5	83.3	
119	32.9	26.5	39.7	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.900 ppbv
 RT: 14.48 min Scan# 3637
 Delta R.T. -0.01 min
 Lab File: VL034363.D
 Acq: 25 Oct 2019 14:26

Instrument :
 MSVOA_L
 ClientSampleId :
 SV6DL2

Tgt Ion: 95 Resp: 1473966

Ion	Ratio	Lower	Upper
95	100		
174	66.4	52.6	78.8
175	4.7	3.8	5.6

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