

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
 Data File : VL034364.D
 Acq On : 25 Oct 2019 15:05
 Operator : SY/AP
 Sample : K5477-02DL2DUP 600X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV6DL2DUP

Manual Integrations
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 10/31/2019 2:12:56 AM

Quant Time: Oct 27 19:27:27 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	871554	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1736036	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	1734626	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1461491	9.95	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) cis-1,2-Dichloroethene	5.56	61	38560	0.424	ppbv	# 85
38) Trichloroethene	7.88	130	51365m	0.768	ppbv	
52) Tetrachloroethene	11.28	164	619645	9.491	ppbv	94

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

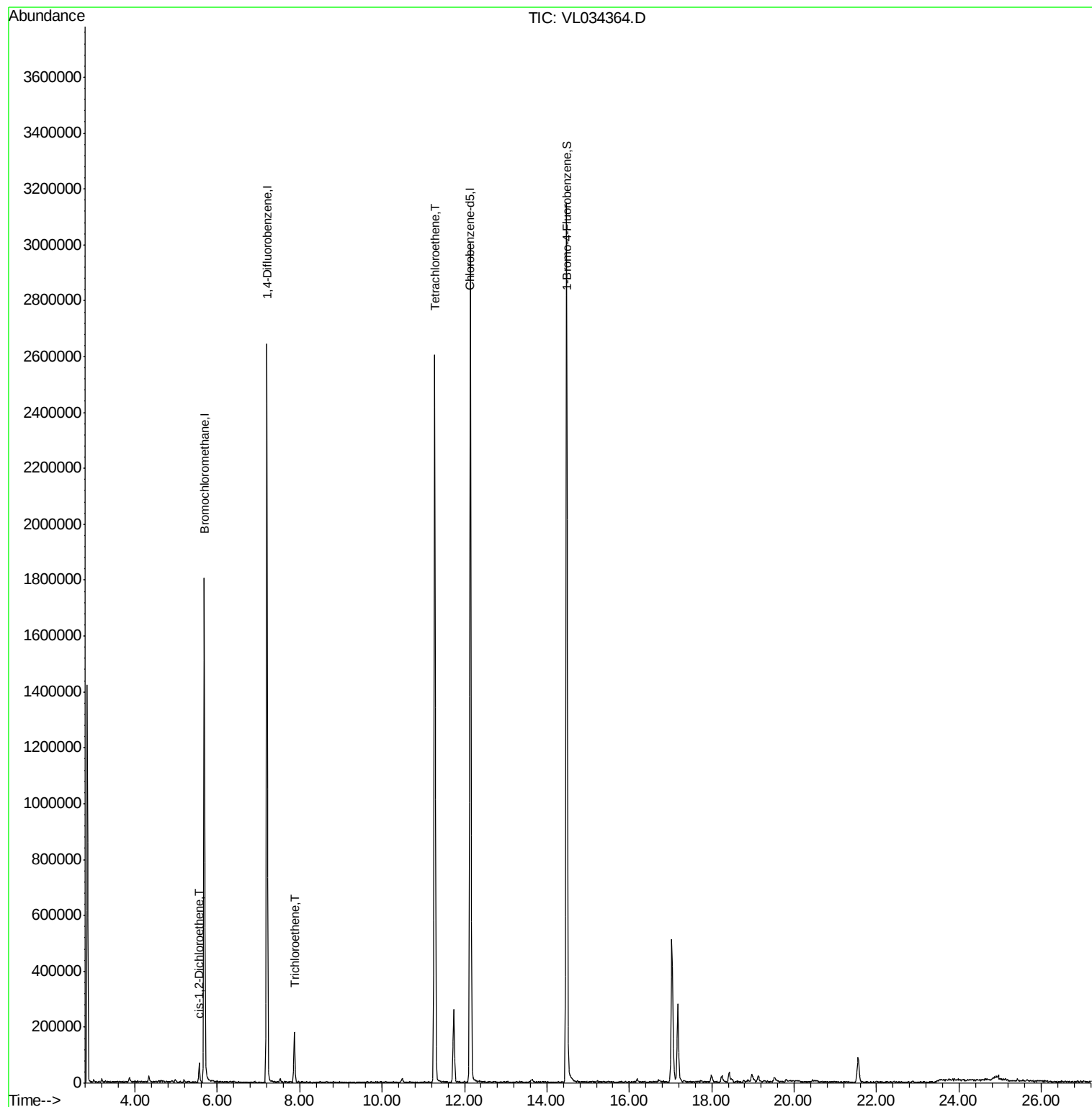
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
Data File : VL034364.D
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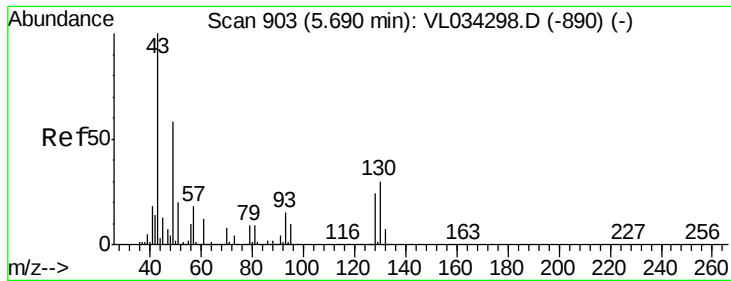
Instrument :
MSVOA_L
ClientSampleId :
SV6DL2DUP

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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: VL034364.D

Acq: 25 Oct 2019 15:05

Instrument :

MSVOA_L

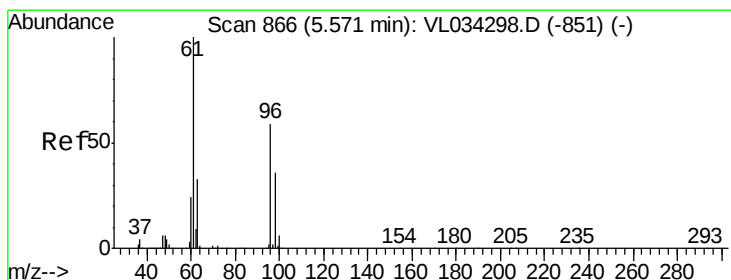
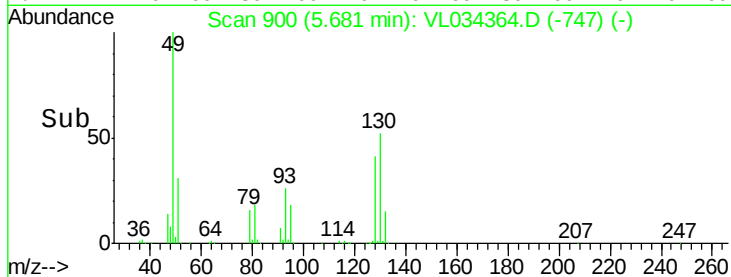
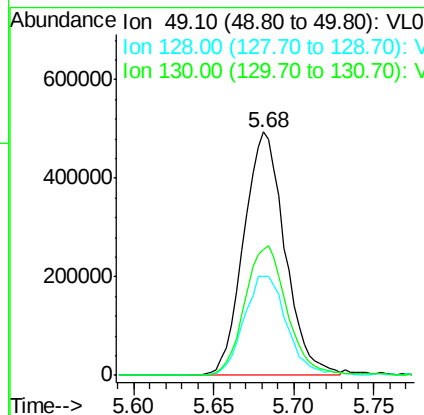
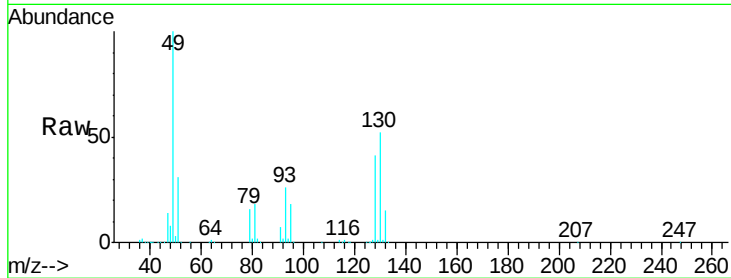
ClientSampleId :

SV6DL2DUP

Tgt Ion:	49	Resp:	871554
Ion	Ratio	Lower	Upper
49	100		
128	42.8	20.6	61.8
130	54.8	26.2	78.5

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#31

cis-1,2-Dichloroethene

Concen: 0.424 ppbv

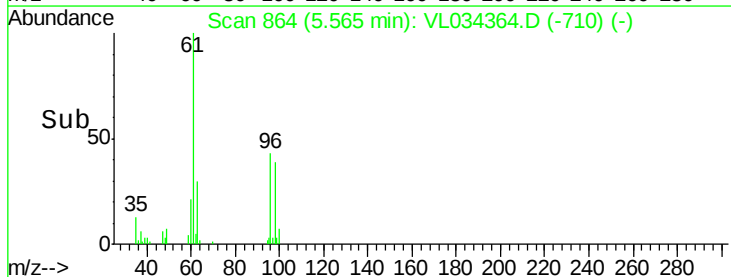
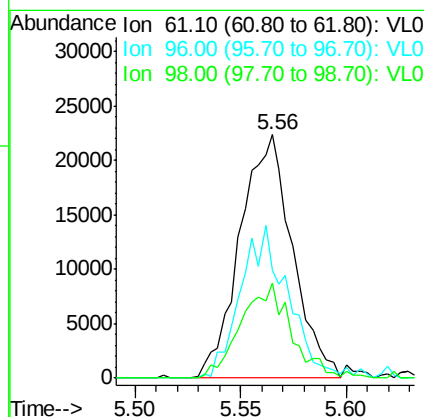
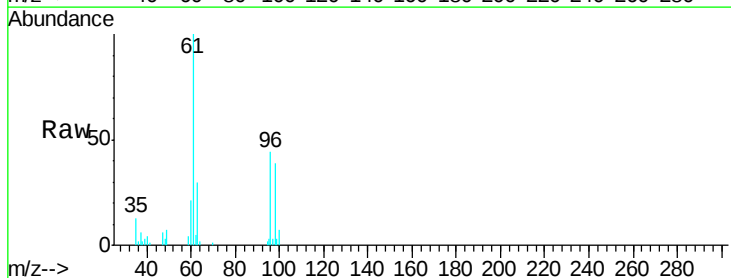
RT: 5.56 min Scan# 864

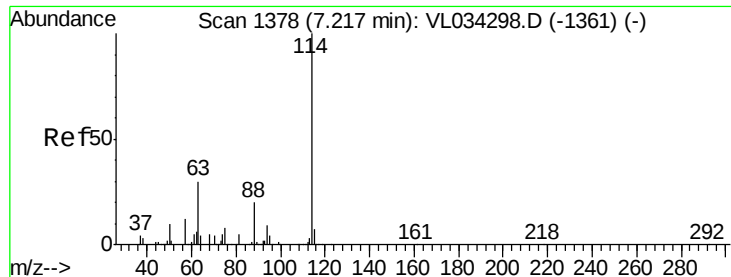
Delta R.T. -0.01 min

Lab File: VL034364.D

Acq: 25 Oct 2019 15:05

Tgt Ion:	61	Resp:	38560
Ion	Ratio	Lower	Upper
61	100		
96	44.1	47.5	71.3#
98	39.0	28.8	43.2





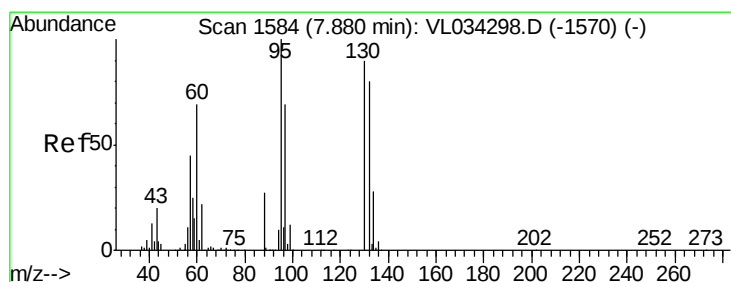
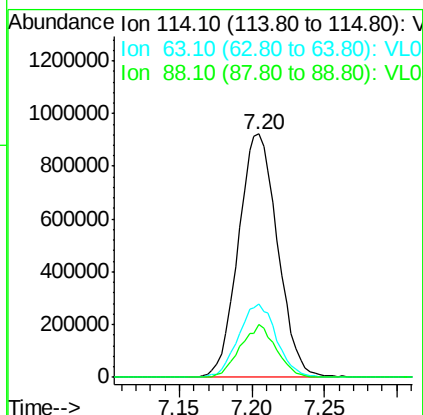
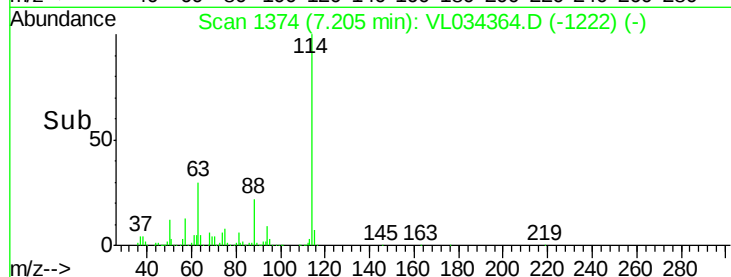
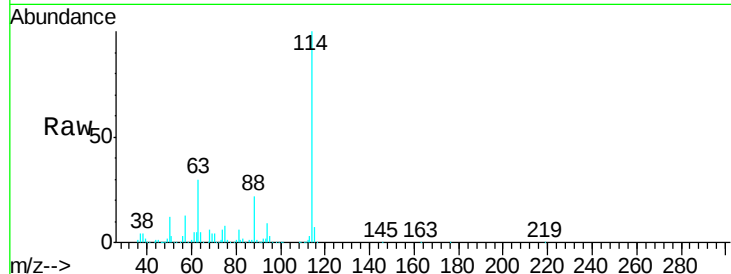
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.01 min
Lab File: VL034364.D
Acq: 25 Oct 2019 15:05

Instrument :
MSVOA_L
ClientSampleId :
SV6DL2DUP

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.5	25.2	37.8
88	20.0	16.0	24.0

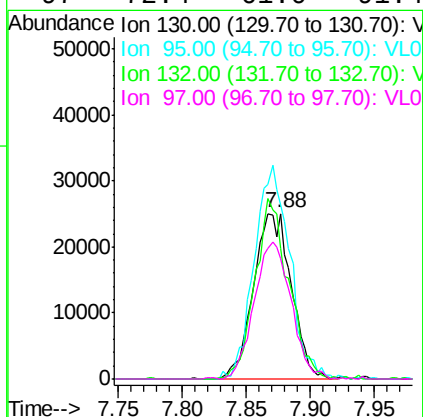
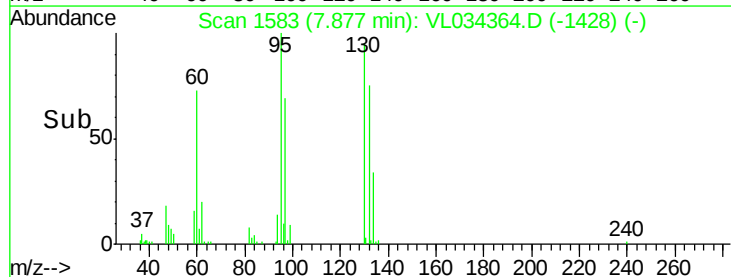
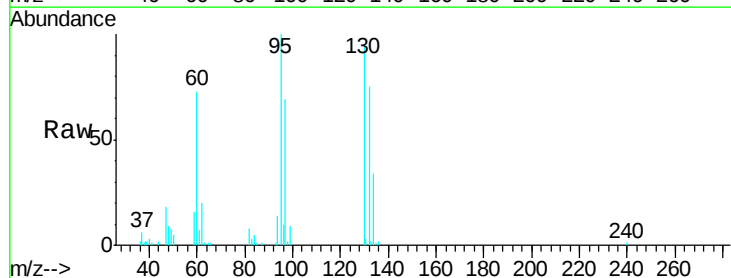
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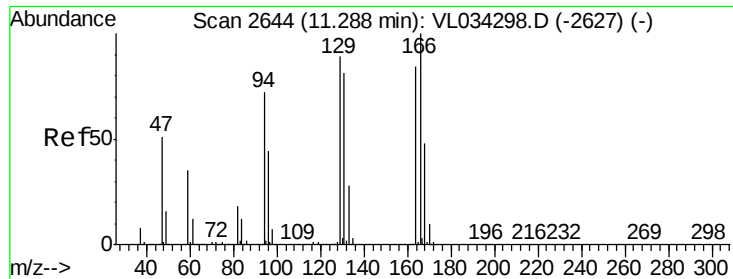
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#38
Trichloroethene
Concen: 0.768 ppbv m
RT: 7.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VL034364.D
Acq: 25 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.6	88.6	132.8
132	78.8	71.2	106.8
97	72.4	61.0	91.4





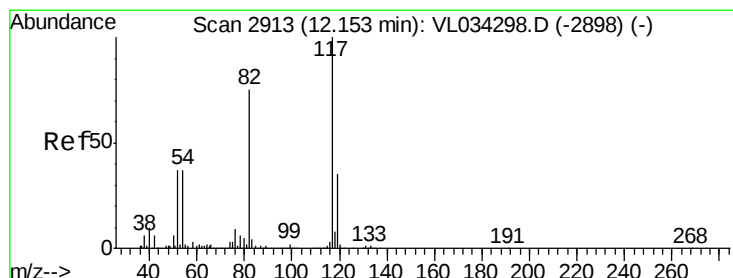
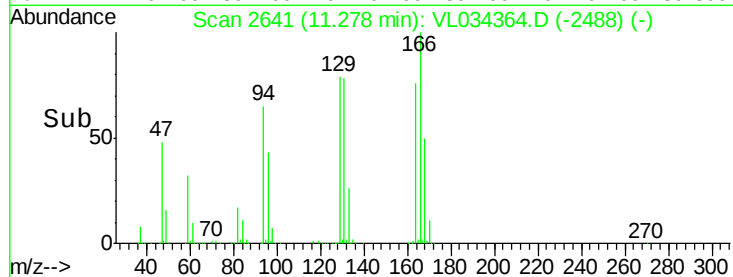
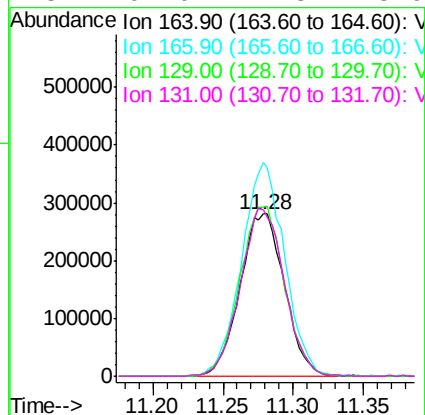
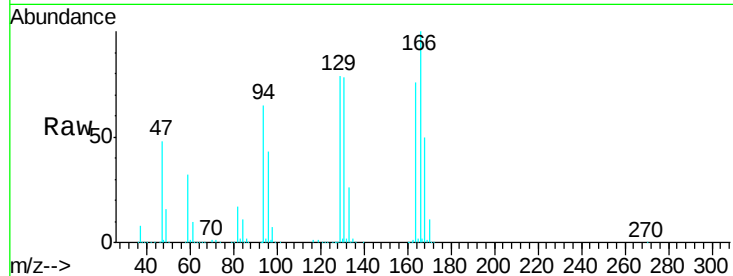
#52
Tetrachloroethene
Concen: 9.491 ppbv
RT: 11.28 min Scan# 2641
Delta R.T. -0.01 min
Lab File: VL034364.D
Acq: 25 Oct 2019 15:05

Instrument :
MSVOA_L
ClientSampleId :
SV6DL2DUP

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	619645		
166	131.5	95.3	142.9	
129	104.0	84.5	126.7	
131	102.0	77.3	115.9	

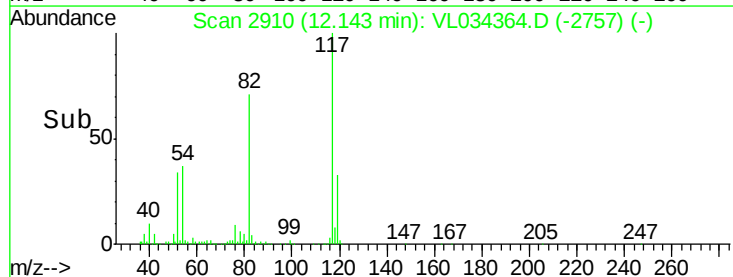
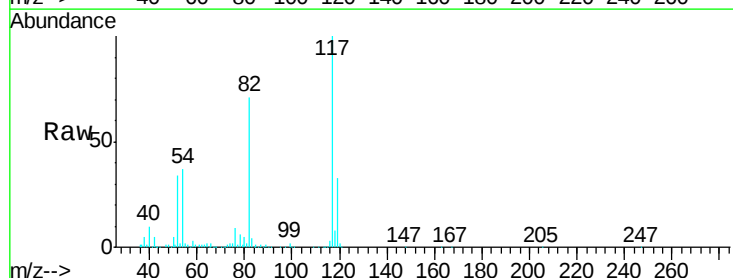
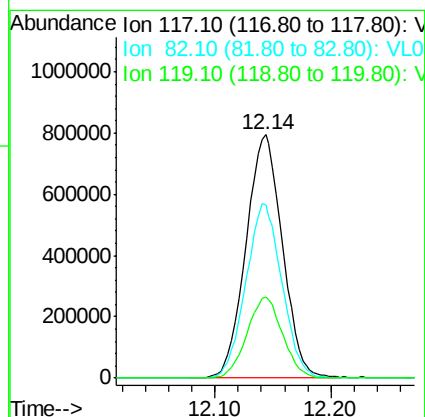
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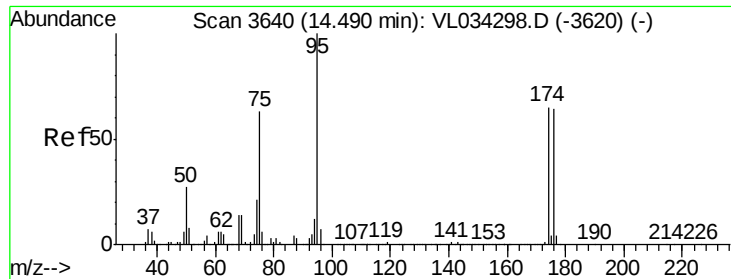
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL034364.D
Acq: 25 Oct 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1734626		
82	71.5	55.5	83.3	
119	32.9	26.5	39.7	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.948 ppbv
 RT: 14.48 min Scan# 3636
 Delta R.T. -0.01 min
 Lab File: VL034364.D
 Acq: 25 Oct 2019 15:05

Instrument :
 MSVOA_L
 ClientSampleId :
 SV6DL2DUP

Tgt Ion: 95 Resp: 1461491
 Ion Ratio Lower Upper
 95 100
 174 66.3 52.6 78.8
 175 4.8 3.8 5.6

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