

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
 Data File : VL034365.D
 Acq On : 25 Oct 2019 15:43
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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 10/31/2019 2:12:57 AM

Quant Time: Oct 26 00:07:17 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	772156	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1561001	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	1531669	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1300007	10.02	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.85	43	65453	0.593	ppbv	93
20) Methylene Chloride	4.34	84	99440	2.490	ppbv #	90
26) Hexane	5.71	57	30634m	0.385	ppbv	
31) cis-1,2-Dichloroethene	5.56	61	3429m	0.043	ppbv	
52) Tetrachloroethene	11.28	164	93204	1.588	ppbv	84

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

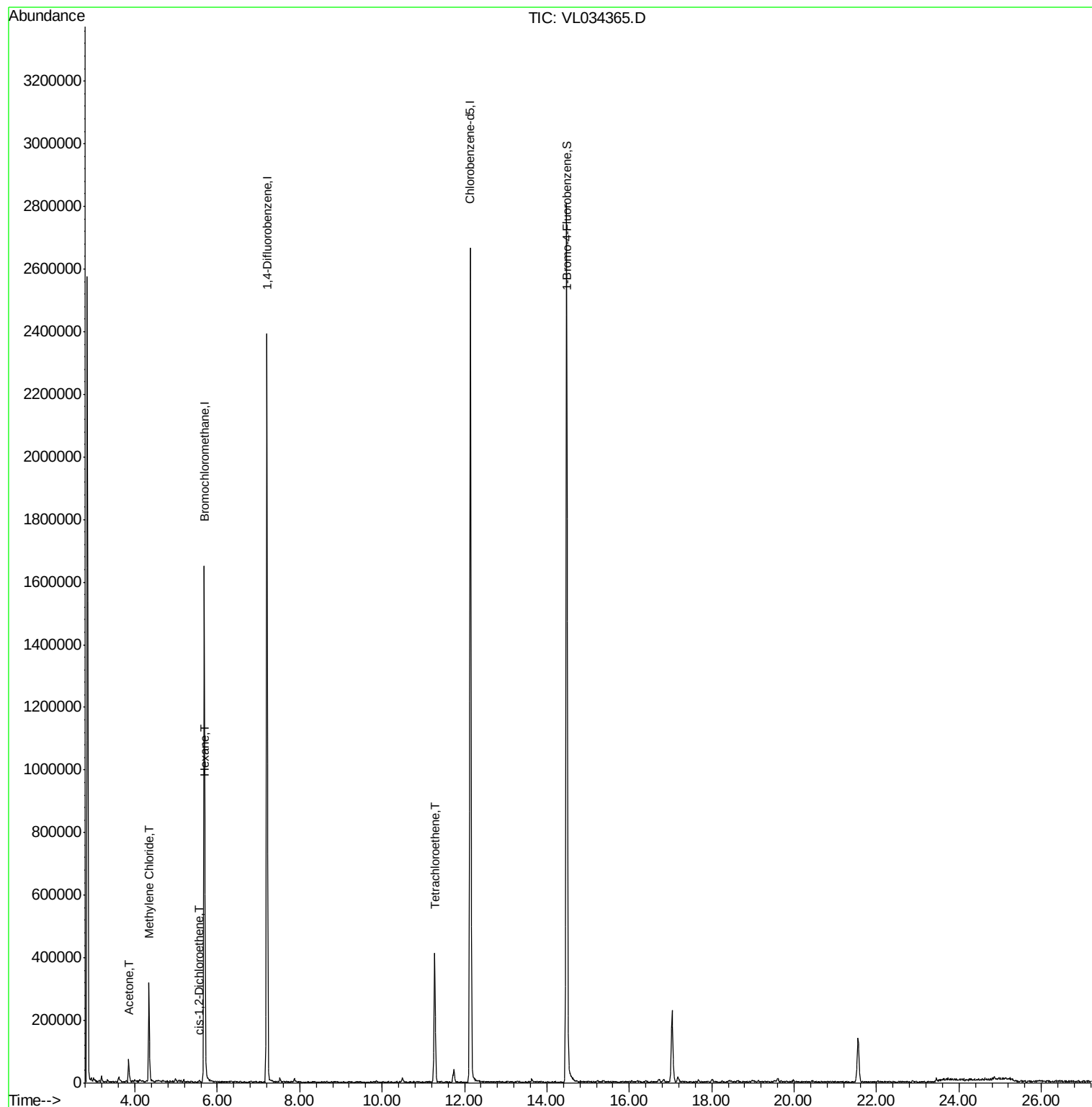
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
Data File : VL034365.D
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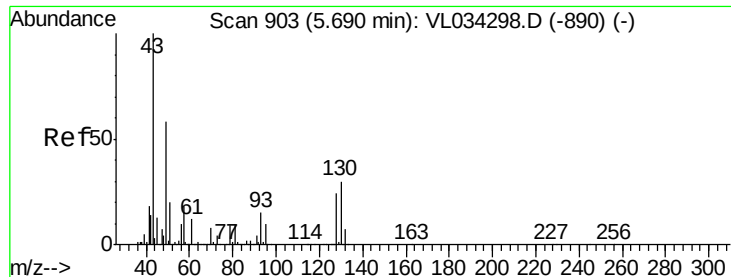
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
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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: VL034365.D

Acq: 25 Oct 2019 15:43

Instrument :

MSVOA_L

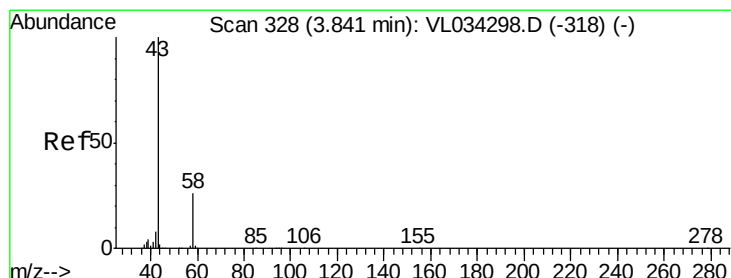
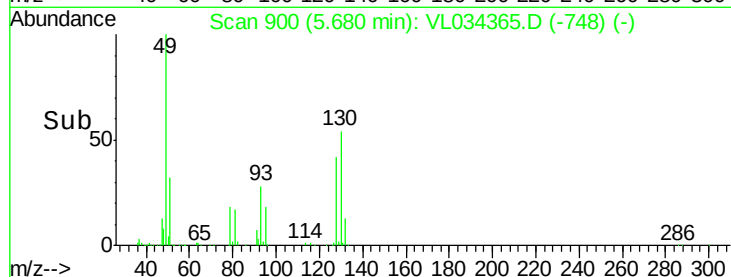
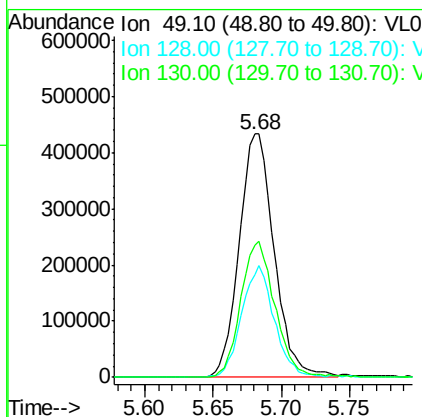
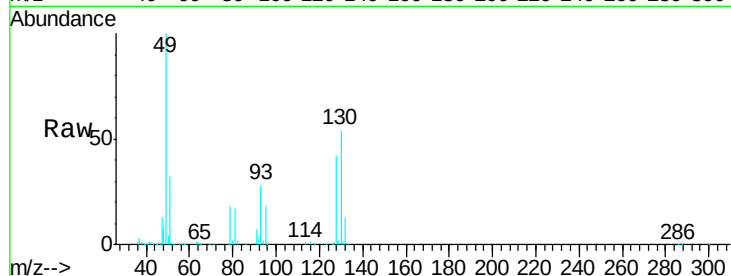
ClientSampled :

VIBLK

Tgt Ion:	49	Resp:	772156
Ion Ratio	Lower	Upper	
49	100		
128	43.1	20.6	61.8
130	55.3	26.2	78.5

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#15

Acetone

Concen: 0.593 ppbv

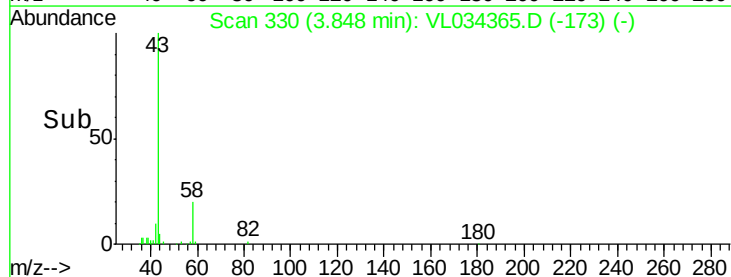
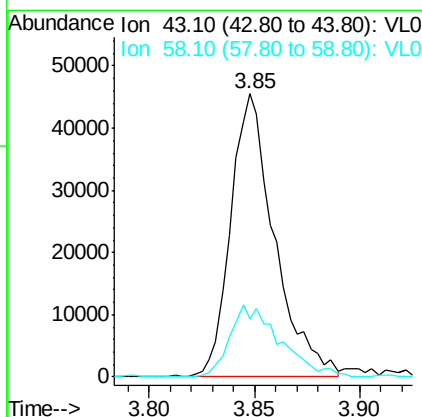
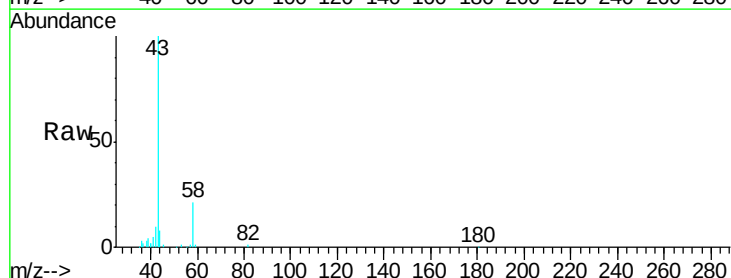
RT: 3.85 min Scan# 330

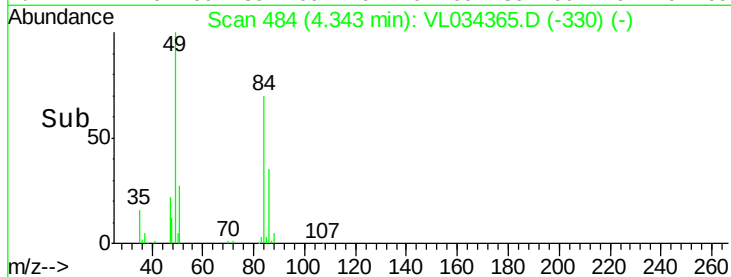
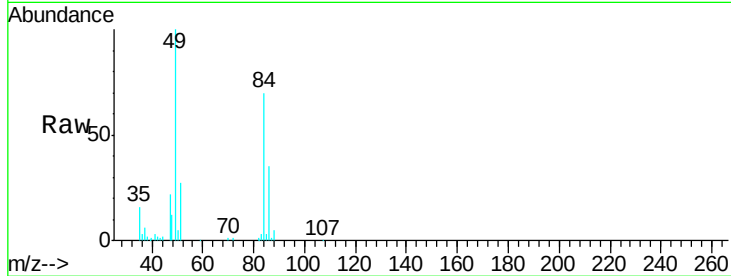
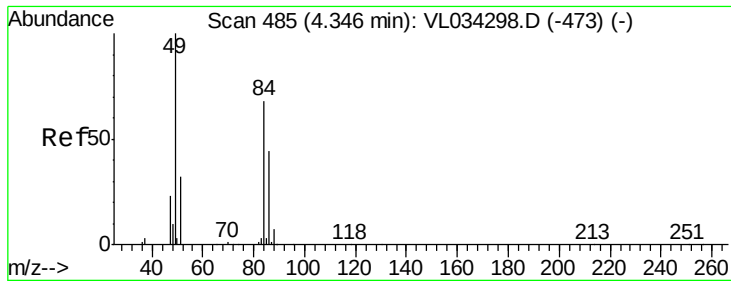
Delta R.T. 0.01 min

Lab File: VL034365.D

Acq: 25 Oct 2019 15:43

Tgt Ion:	43	Resp:	65453
Ion Ratio	Lower	Upper	
43	100		
58	29.0	20.4	30.6





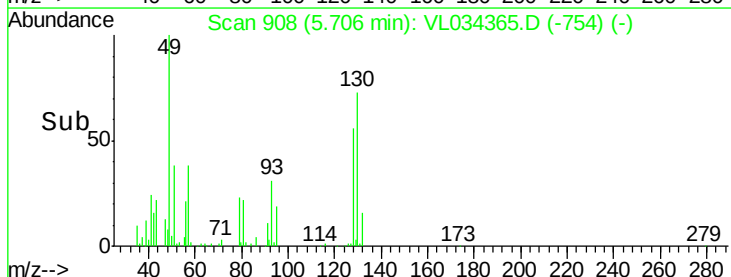
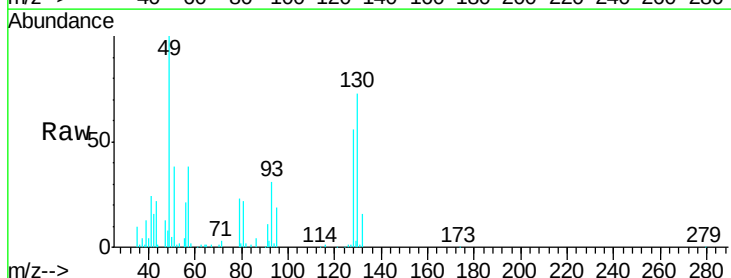
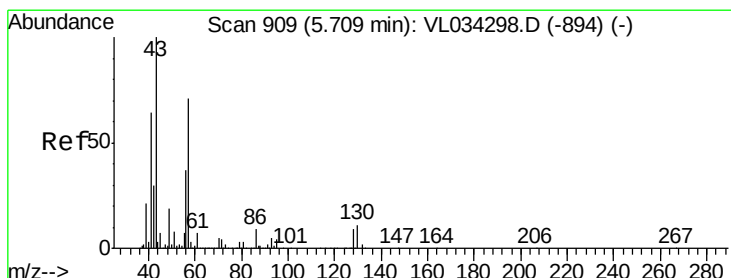
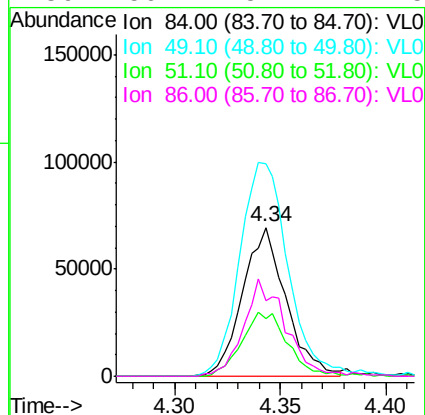
#20
Methylene Chloride
Concen: 2.490 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL034365.D
Acq: 25 Oct 2019 15:43

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion	Ratio	Lower	Upper
84	100		
49	142.3	118.5	177.7
51	38.5	38.8	58.2#
86	50.4	51.7	77.5#

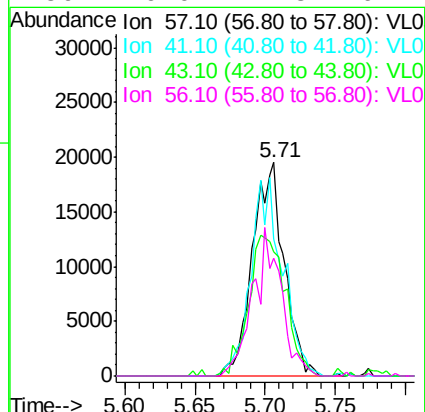
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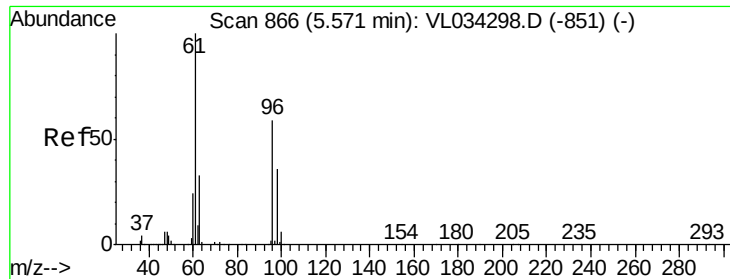
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#26
Hexane
Concen: 0.385 ppbv m
RT: 5.71 min Scan# 908
Delta R.T. -0.00 min
Lab File: VL034365.D
Acq: 25 Oct 2019 15:43

Tgt Ion	Ratio	Lower	Upper
57	100		
41	0.0	76.5	114.7#
43	77.1	188.5	282.7#
56	0.0	42.8	64.2#





#31

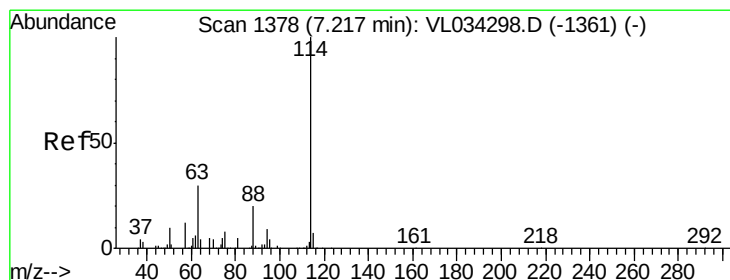
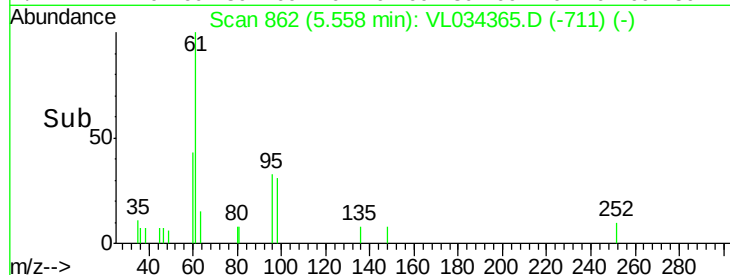
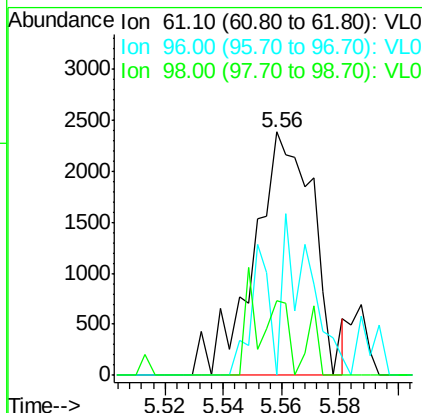
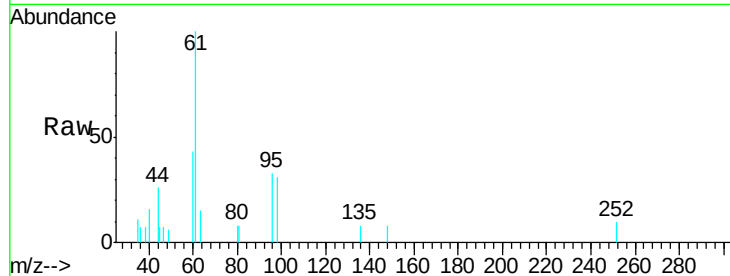
cis-1,2-Dichloroethene
Concen: 0.043 ppbv m
RT: 5.56 min Scan# 862
Delta R.T. -0.01 min
Lab File: VL034365.D
Acq: 25 Oct 2019 15:43

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tgt Ion	Ratio	Lower	Upper
61	100		
96	0.0	47.5	71.3#
98	30.6	28.8	43.2

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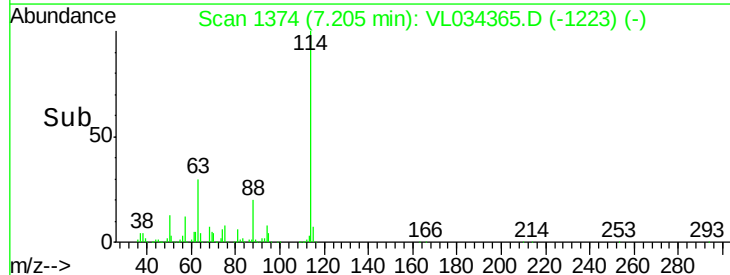
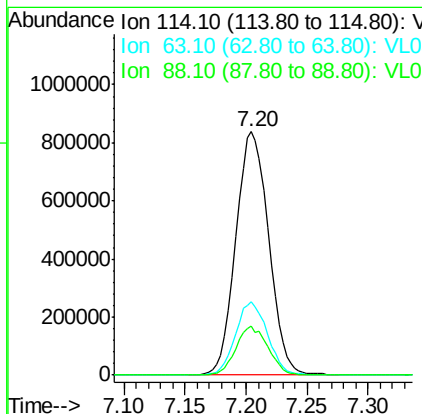
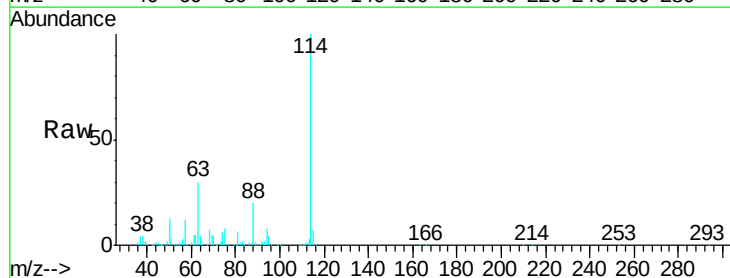
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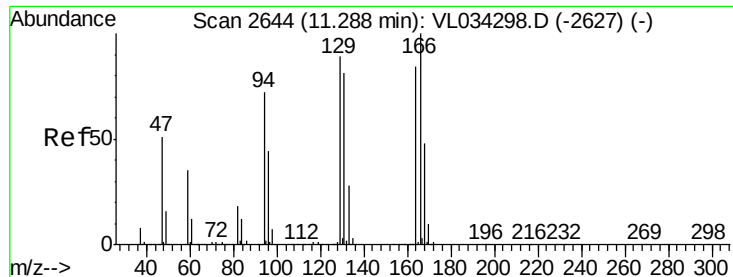


#33

1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.01 min
Lab File: VL034365.D
Acq: 25 Oct 2019 15:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.3	25.2	37.8
88	19.6	16.0	24.0





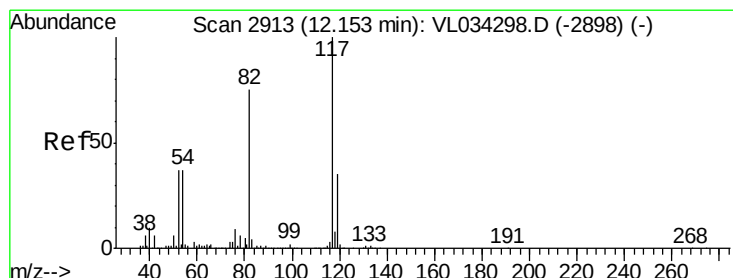
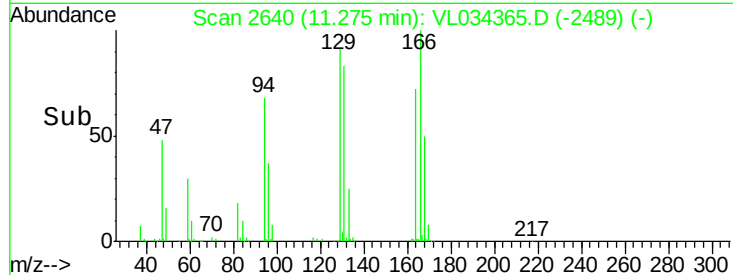
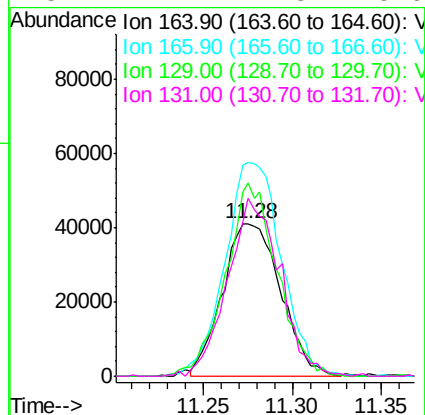
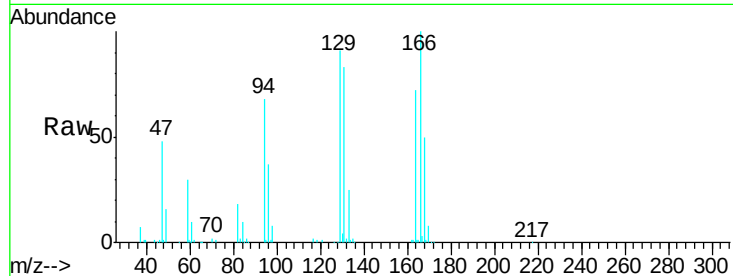
#52
Tetrachloroethene
Concen: 1.588 ppbv
RT: 11.28 min Scan# 2640
Delta R.T. -0.01 min
Lab File: VL034365.D
Acq: 25 Oct 2019 15:43

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	93204		
166	136.0	95.3	142.9	
129	124.2	84.5	126.7	
131	112.4	77.3	115.9	

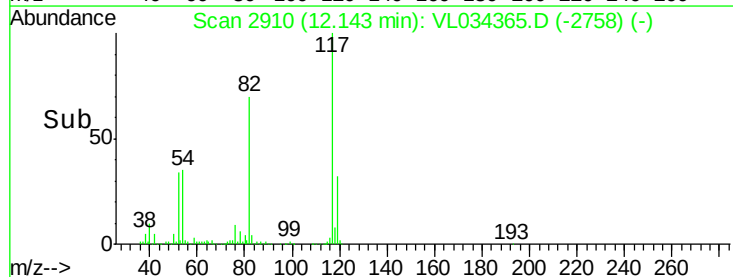
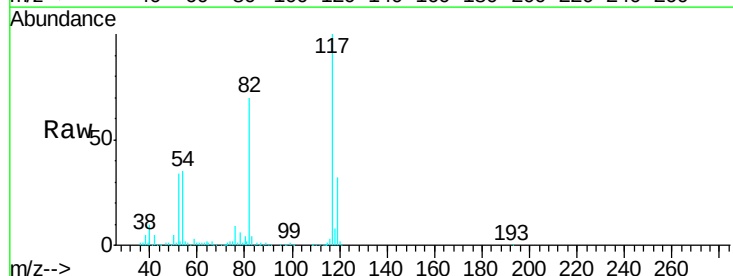
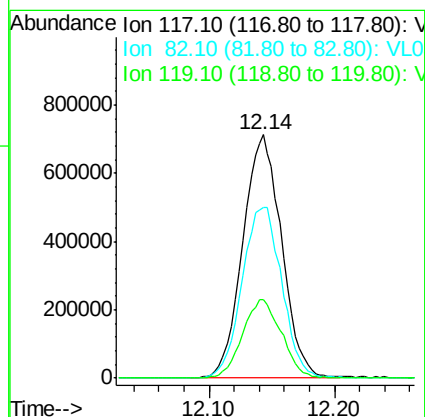
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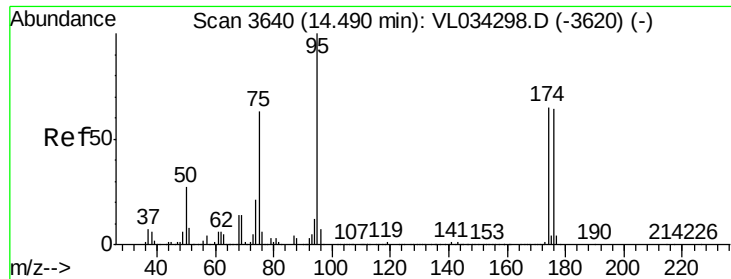
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL034365.D
Acq: 25 Oct 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1531669		
82	72.5	55.5	83.3	
119	32.6	26.5	39.7	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.021 ppbv
 RT: 14.48 min Scan# 3636
 Delta R.T. -0.01 min
 Lab File: VL034365.D
 Acq: 25 Oct 2019 15:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 1300007

Ion	Ratio	Lower	Upper
95	100		
174	66.3	52.6	78.8
175	4.9	3.8	5.6

Manual Integrations
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