

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\
 Data File : VL034348.D
 Acq On : 24 Oct 2019 16:15
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
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 10/28/2019 9:43:21 AM

Quant Time: Oct 25 02:26:19 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	814350	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1810885	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.14	117	1751814	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1404945	9.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.62	45	5807m	0.613	ppbv	
15) Acetone	3.85	43	21941m	0.188	ppbv	
20) Methylene Chloride	4.35	84	22041	0.523	ppbv #	78
26) Hexane	5.70	57	14033	0.167	ppbv #	43
38) Trichloroethene	7.86	130	4947m	0.071	ppbv	
52) Tetrachloroethene	11.27	164	154717	2.272	ppbv	94

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

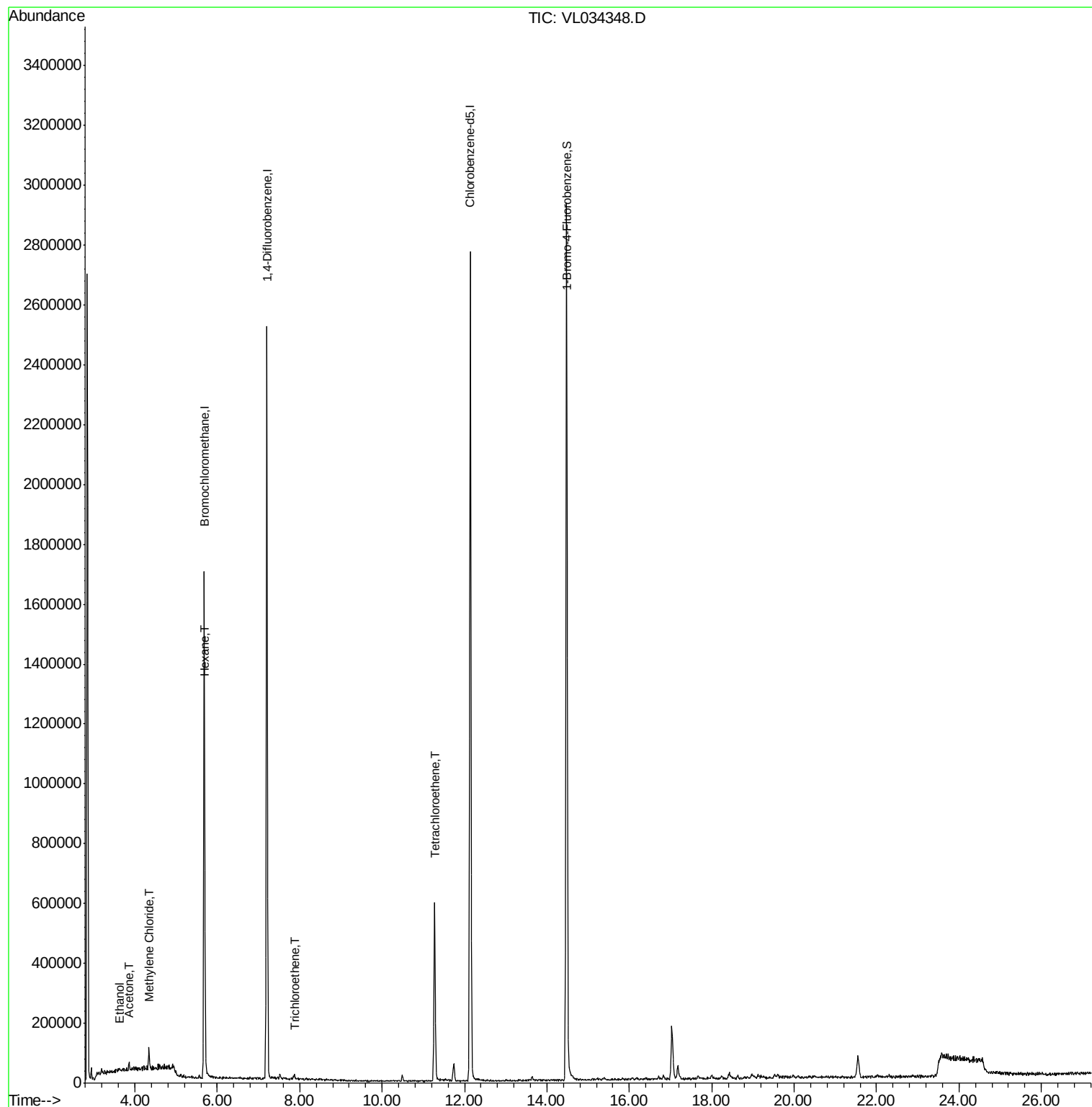
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\
Data File : VL034348.D
Acq On : 24 Oct 2019 16:15
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Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

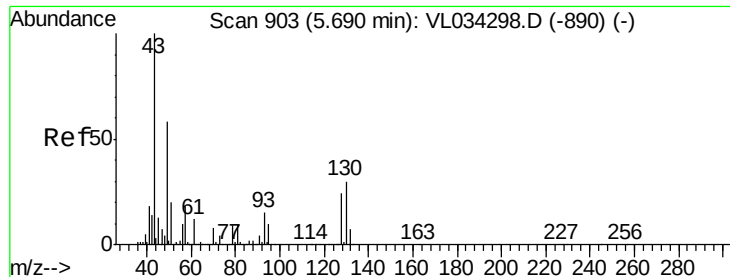
Instrument :
MSVOA_L
ClientSampled :
VIBLK

Manual Integrations
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10/28/2019 9:43:21 AM

Quant Time: Oct 25 02:26:19 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# 900

Delta R.T. -0.01 min

Lab File: VL034348.D

Acq: 24 Oct 2019 16:15

Instrument :

MSVOA_L

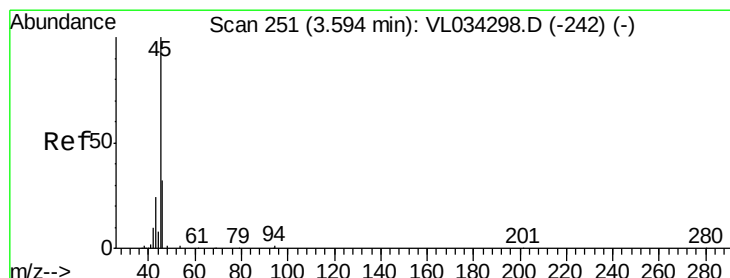
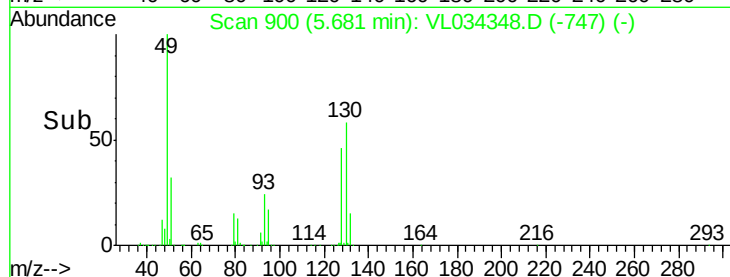
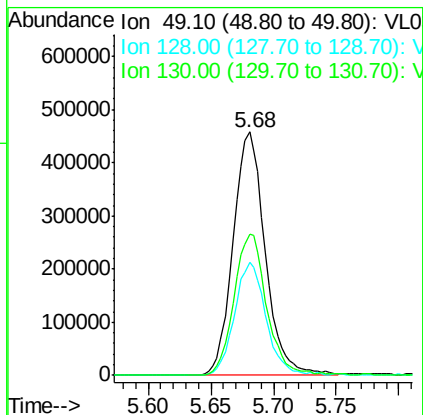
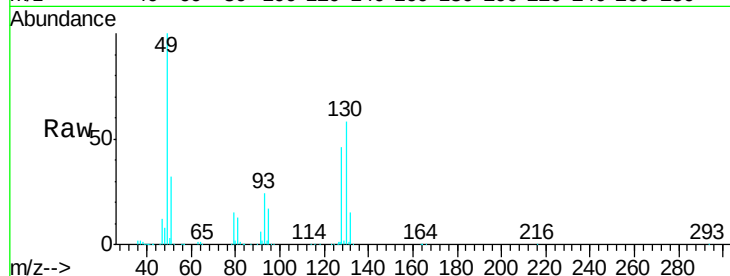
ClientSampleId :

VIBLK

Tgt Ion:	49	Resp:	814350
Ion	Ratio	Lower	Upper
49	100		
128	46.0	20.6	61.8
130	59.5	26.2	78.5

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#13

Ethanol

Concen: 0.613 ppbv m

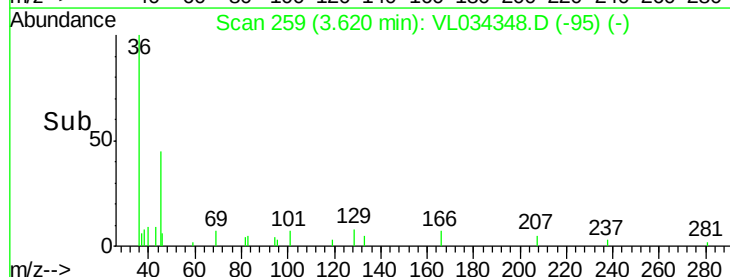
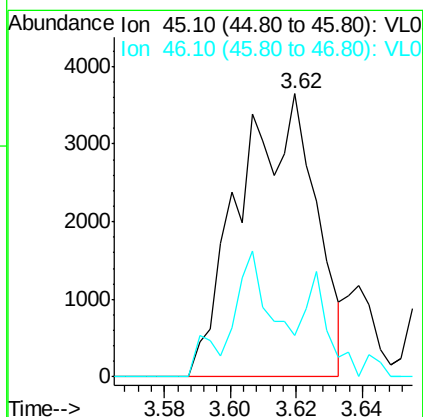
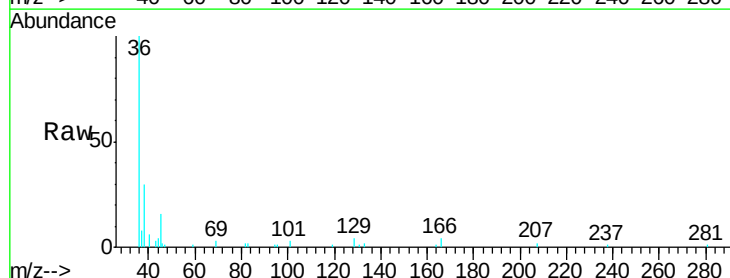
RT: 3.62 min Scan# 259

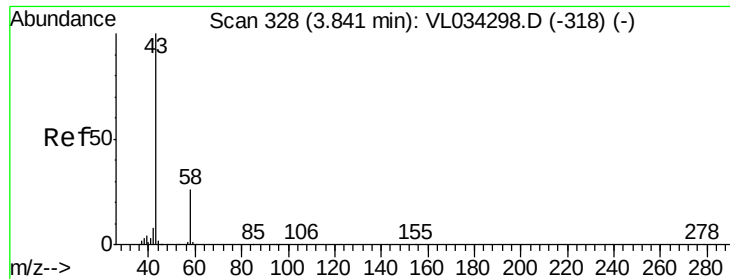
Delta R.T. 0.03 min

Lab File: VL034348.D

Acq: 24 Oct 2019 16:15

Tgt Ion:	45	Resp:	5807
Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.8	63.2#





#15

Acetone

Concen: 0.188 ppbv m

RT: 3.85 min Scan# 332

Delta R.T. 0.01 min

Lab File: VL034348.D

Acq: 24 Oct 2019 16:15

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 43 Resp: 21941

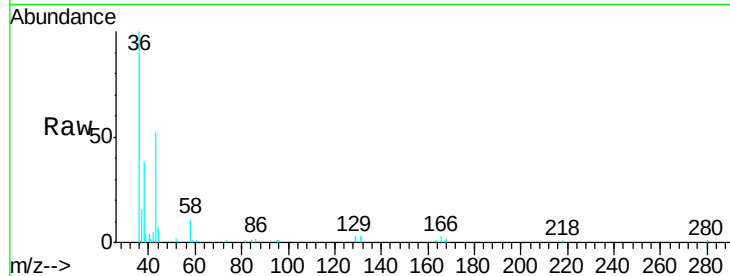
Ion Ratio Lower Upper

43 100

58 0.0 20.4 30.6#

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.85

15000

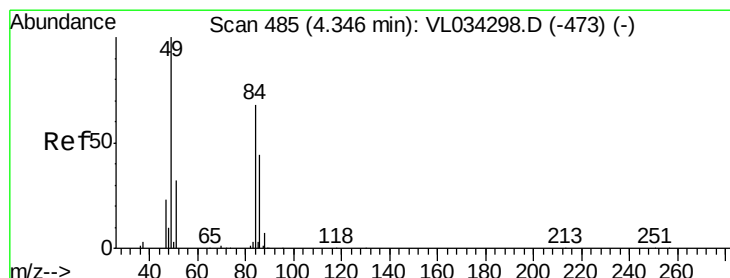
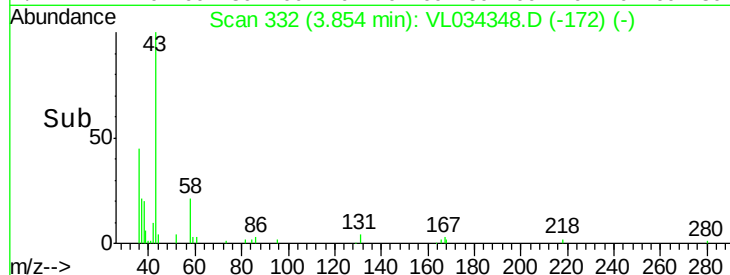
10000

5000

0

Time-->

3.82 3.84 3.86 3.88



#20

Methylene Chloride

Concen: 0.523 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL034348.D

Acq: 24 Oct 2019 16:15

Tgt Ion: 84 Resp: 22041

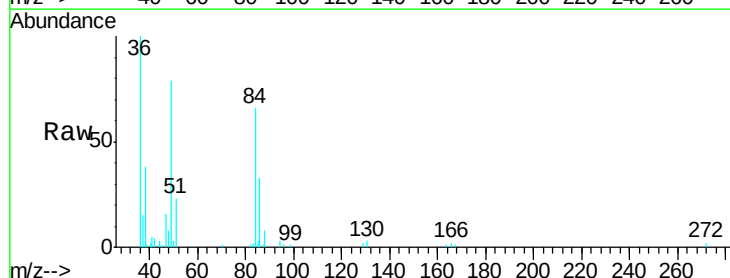
Ion Ratio Lower Upper

84 100

49 116.3 118.5 177.7#

51 35.9 38.8 58.2#

86 49.7 51.7 77.5#



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

40000

30000

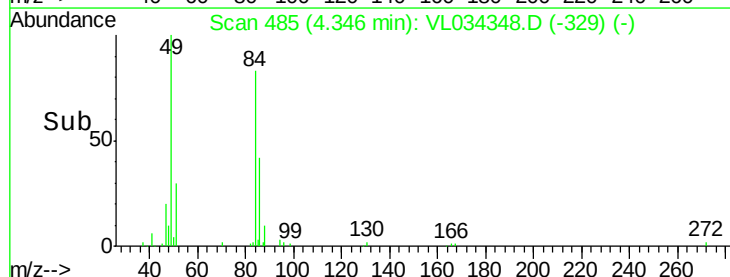
20000

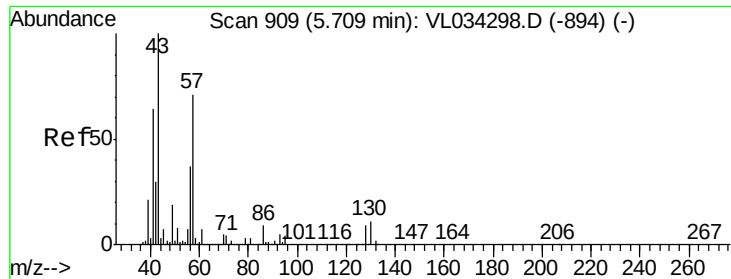
10000

0

Time-->

4.30 4.35





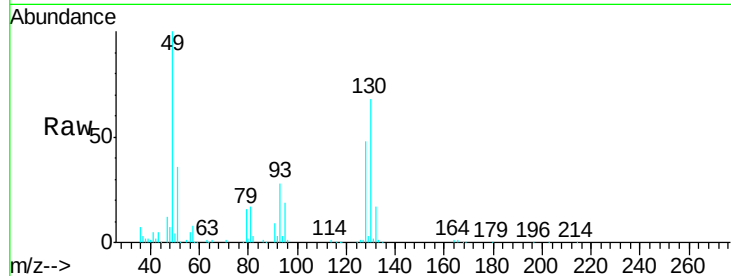
#26
Hexane
Concen: 0.167 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.01 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Instrument :
MSVOA_L
ClientSampled :
VIBLK

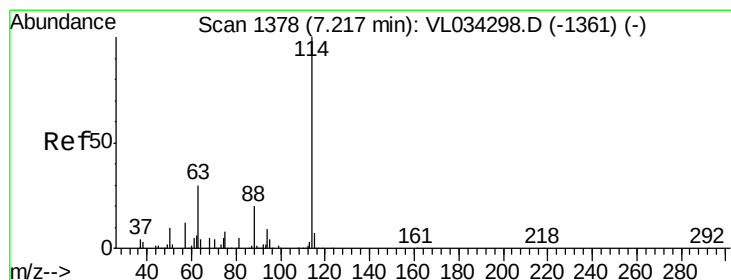
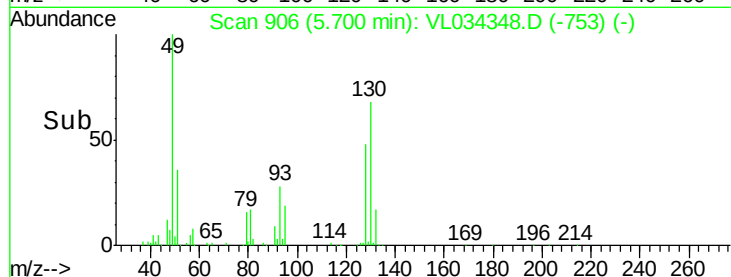
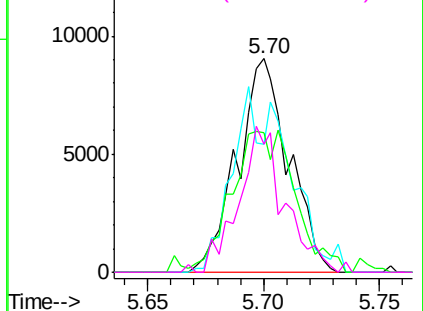
Tgt Ion	Ratio	Lower	Upper
57	100		
41	93.7	76.5	114.7
43	84.2	188.5	282.7#
56	60.8	42.8	64.2

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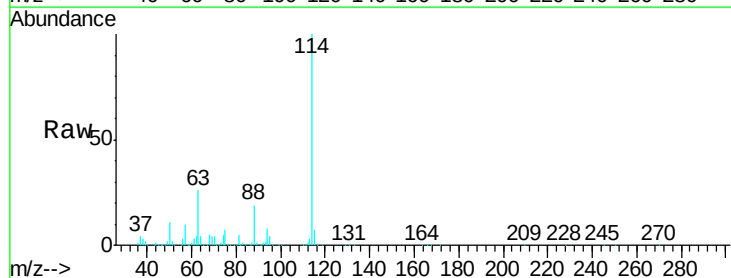


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

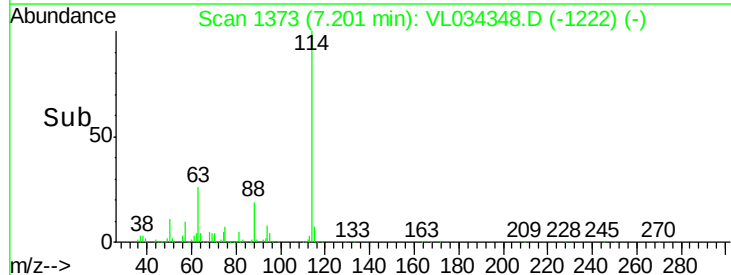
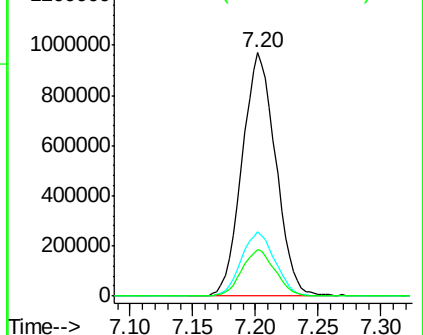


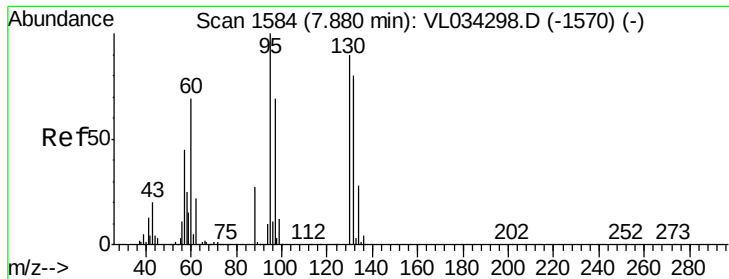
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.02 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.4	25.2	37.8
88	18.9	16.0	24.0



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





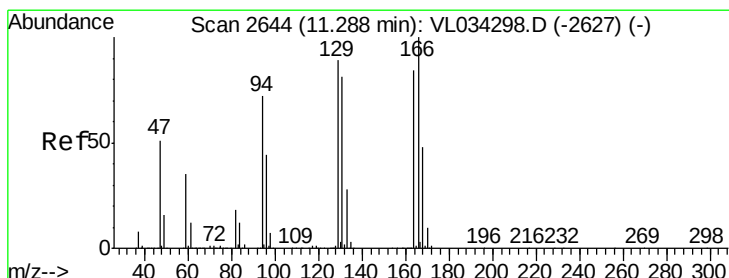
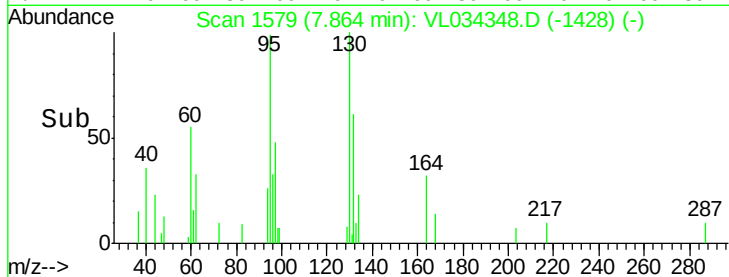
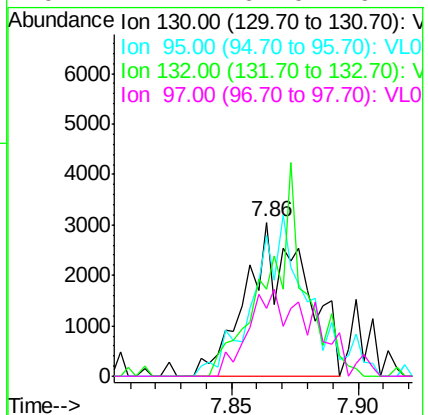
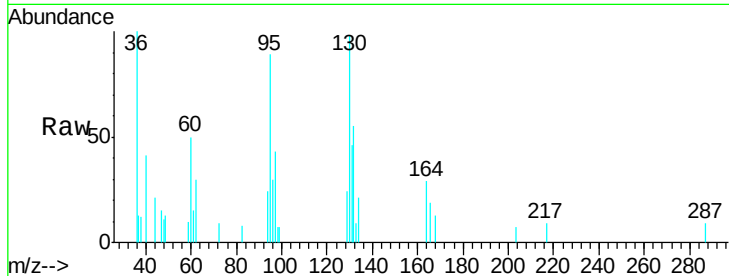
#38
 Trichloroethene
 Concen: 0.071 ppbv m
 RT: 7.86 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: VL034348.D
 Acq: 24 Oct 2019 16:15

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	4947		
95	91.4	88.6	132.8	
132	56.3	71.2	106.8#	
97	44.4	61.0	91.4#	

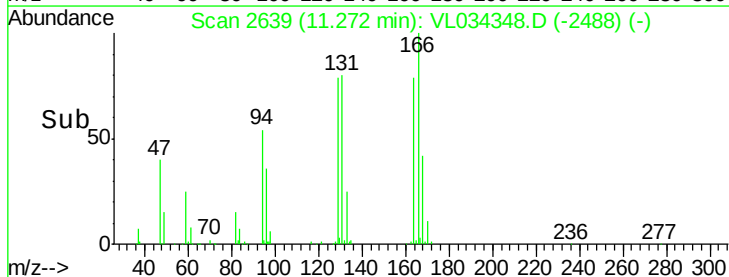
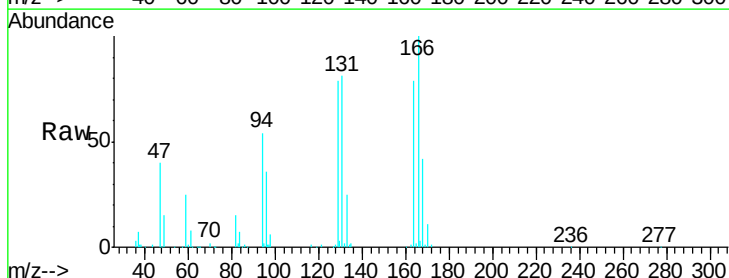
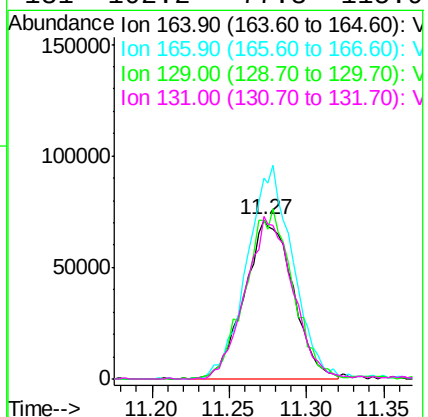
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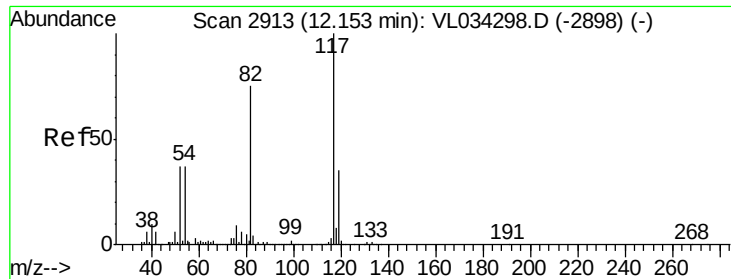
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#52
 Tetrachloroethene
 Concen: 2.272 ppbv
 RT: 11.27 min Scan# 2639
 Delta R.T. -0.02 min
 Lab File: VL034348.D
 Acq: 24 Oct 2019 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	154717		
166	126.5	95.3	142.9	
129	100.4	84.5	126.7	
131	102.2	77.3	115.9	





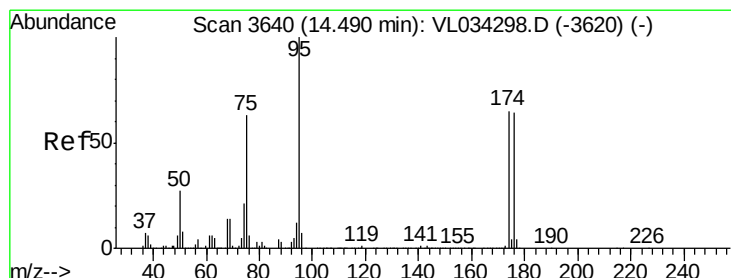
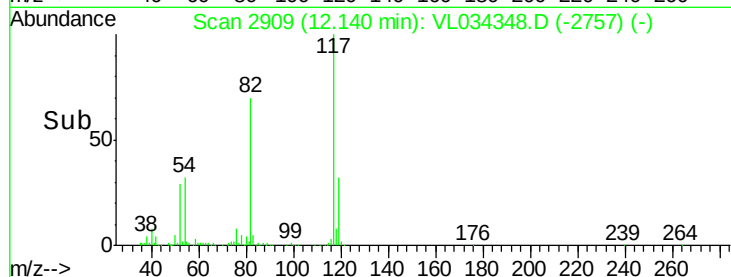
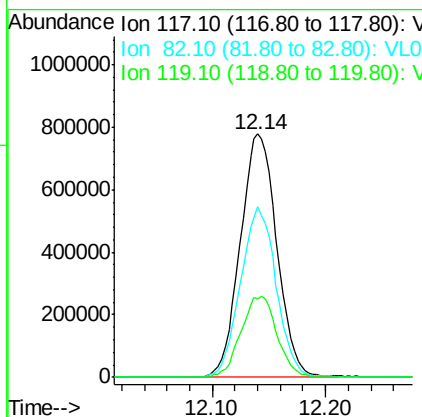
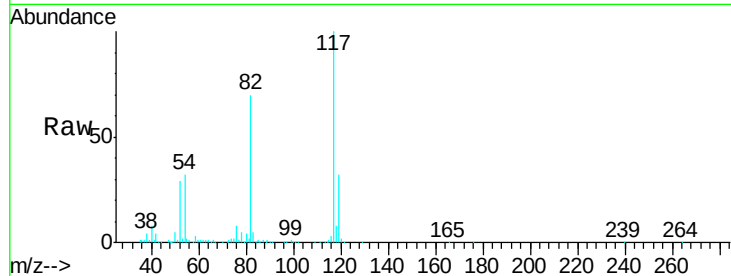
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.01 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tgt Ion: 117 Resp: 1751814
Ion Ratio Lower Upper
117 100
82 68.7 55.5 83.3
119 33.0 26.5 39.7

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.469 ppbv
RT: 14.48 min Scan# 3637
Delta R.T. -0.01 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Tgt Ion: 95 Resp: 1404945
Ion Ratio Lower Upper
95 100
174 71.4 52.6 78.8
175 5.2 3.8 5.6

