

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102418\
 Data File : VL032696.D
 Acq On : 24 Oct 2018 20:30
 Operator : SY/AP
 Sample : J5164-15 0.03 LOD
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2018 0.03 LOD

Manual Integrations
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 10/26/2018 3:40:58 PM

Quant Time: Oct 25 07:17:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 07:17:40 2018
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1491720	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3480431	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3441464	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2623425	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.30	62	21277	0.301	ppbv	97
32) 1,1,1-Trichloroethane	6.64	97	75096	0.308	ppbv	99
35) Carbon Tetrachloride	7.14	117	79298	0.321	ppbv	90
38) Trichloroethene	7.97	130	30001m	0.287	ppbv	
52) Tetrachloroethene	11.39	164	28068m	0.285	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.85	83	84434	0.314	ppbv	94

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

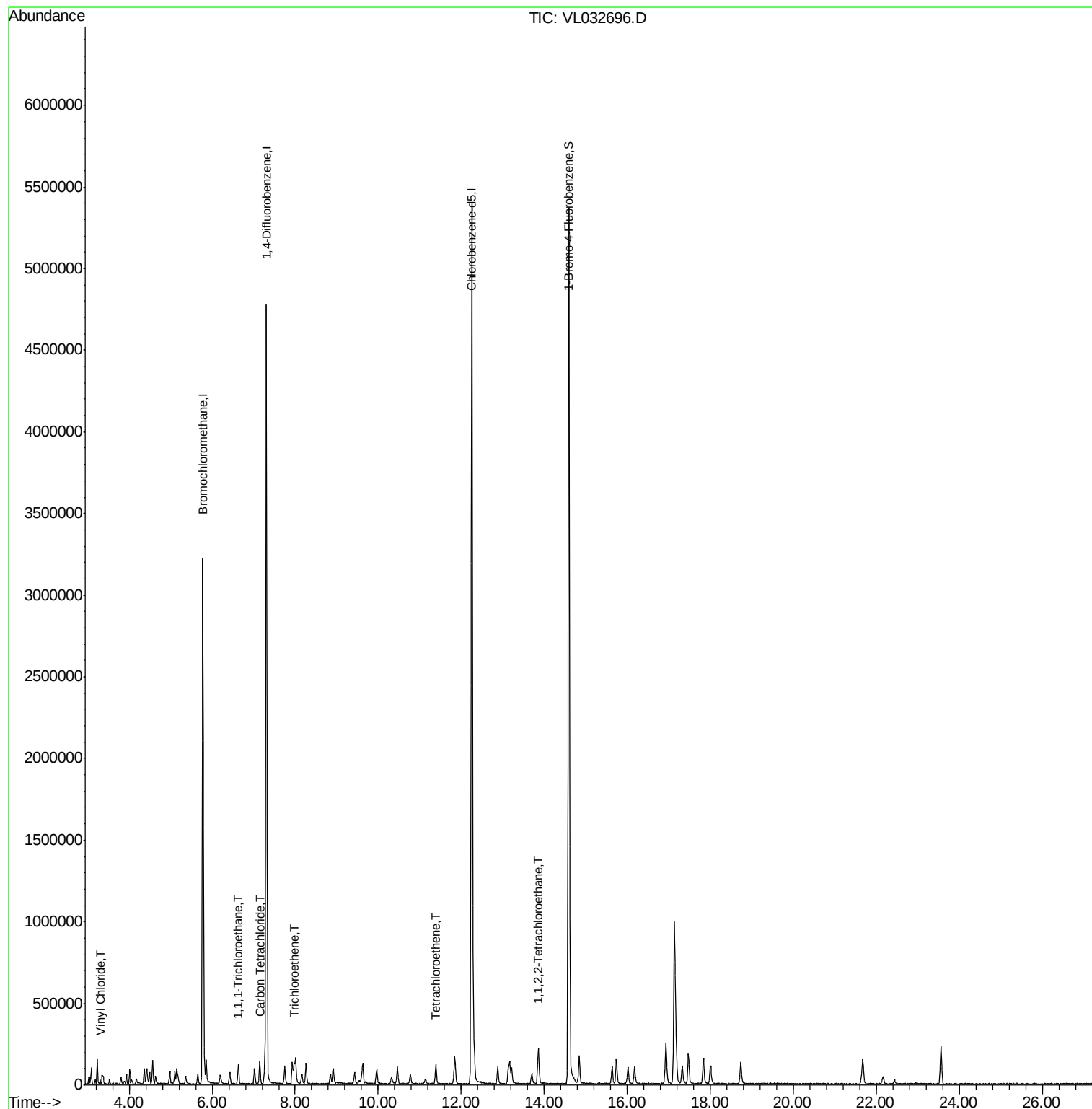
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL102418\
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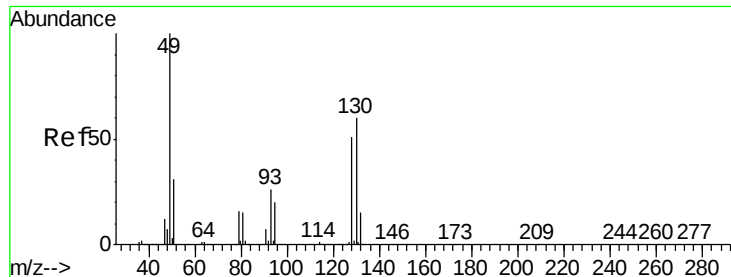
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2018 0.03 LOD

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.01 min

Lab File: VL032696.D

Acq: 24 Oct 2018 20:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2018 0.03 LOD

Tot Ion: 49 Resp: 1491720

Ion Ratio Lower Upper

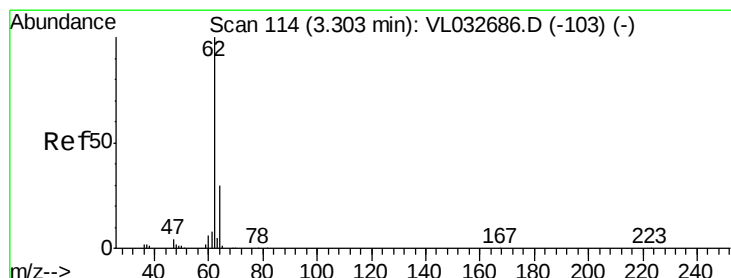
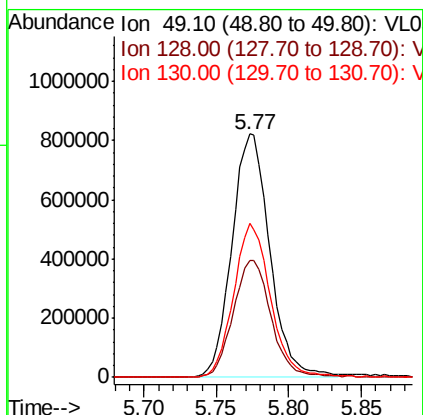
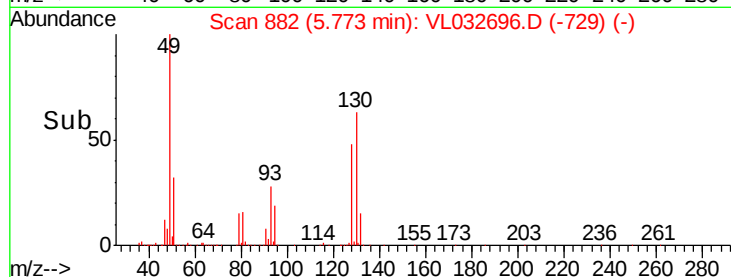
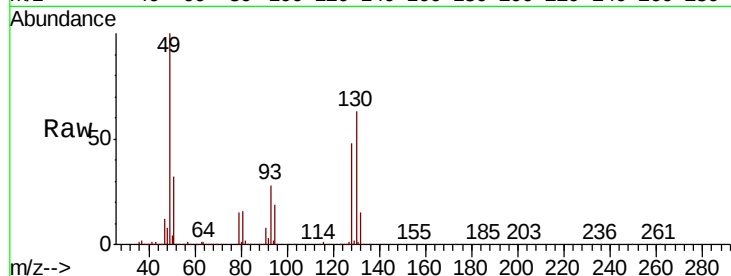
49 100

128 48.8 22.3 66.8

130 62.5 28.4 85.3

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#5

Vinyl Chloride

Concen: 0.301 ppbv

RT: 3.30 min Scan# 114

Delta R.T. 0.00 min

Lab File: VL032696.D

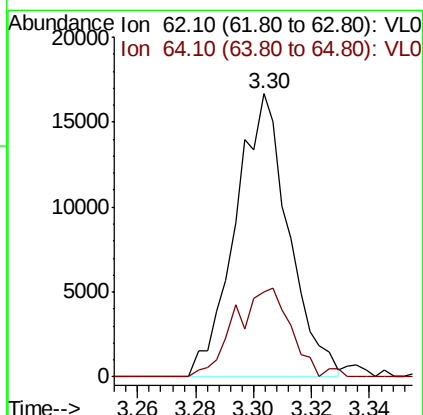
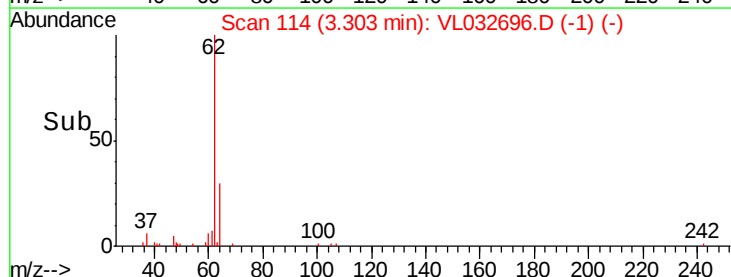
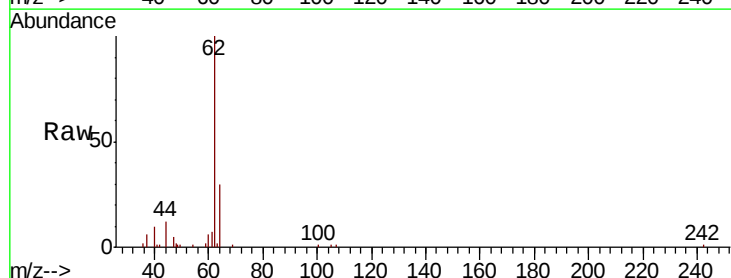
Acq: 24 Oct 2018 20:30

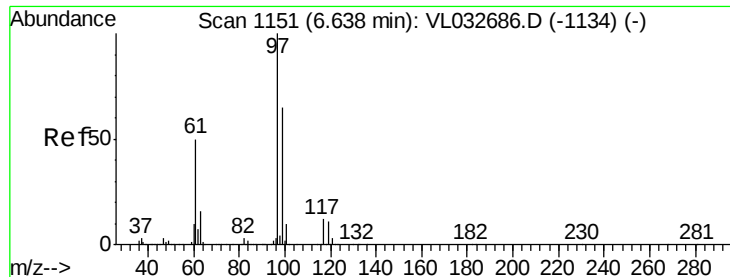
Tgt Ion: 62 Resp: 21277

Ion Ratio Lower Upper

62 100

64 30.0 25.5 38.3





#32

1,1,1-Trichloroethane

Concen: 0.308 ppbv

RT: 6.64 min Scan# 1151

Delta R.T. 0.00 min

Lab File: VL032696.D

Acq: 24 Oct 2018 20:30

Instrument :

MSVOA_L

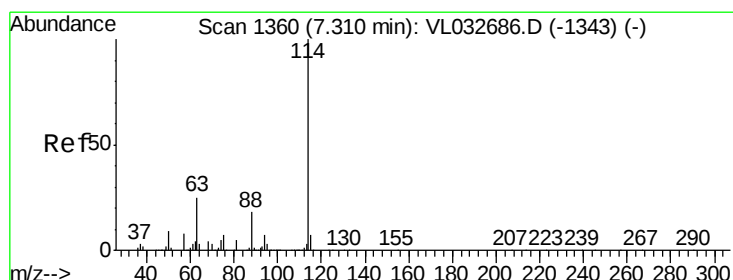
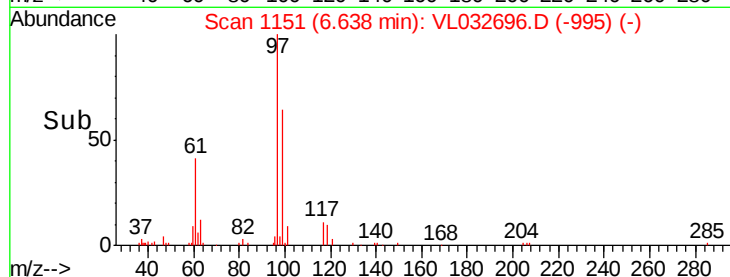
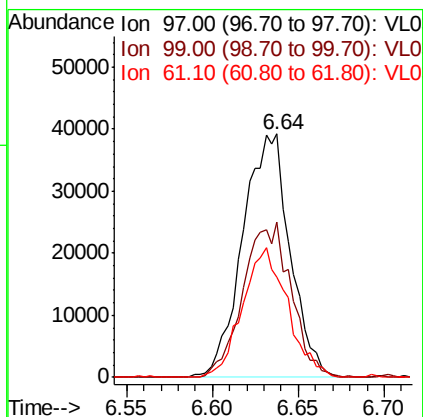
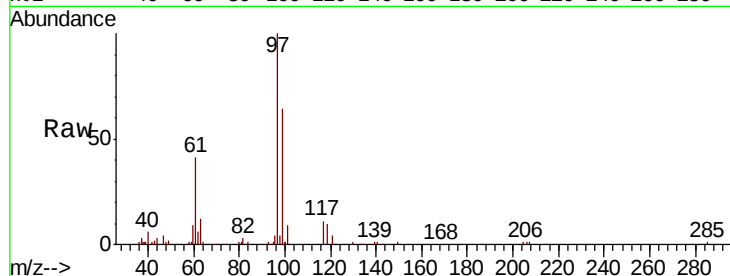
ClientSampleId :

MDL-AIR-03-QT4-2018 0.03 LOD

Tot Ion:	97	Resp:	75096
Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	50.6	40.7	61.1

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

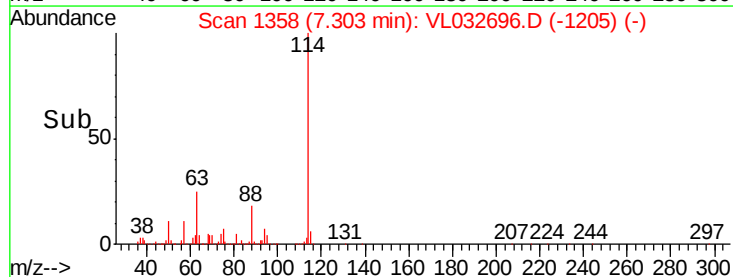
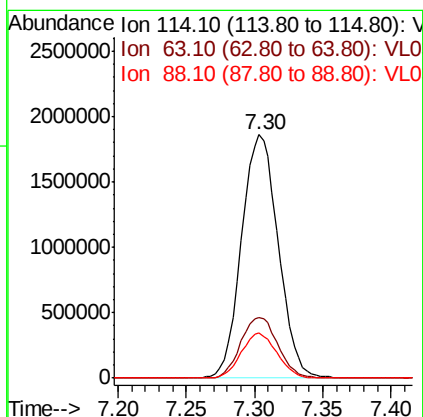
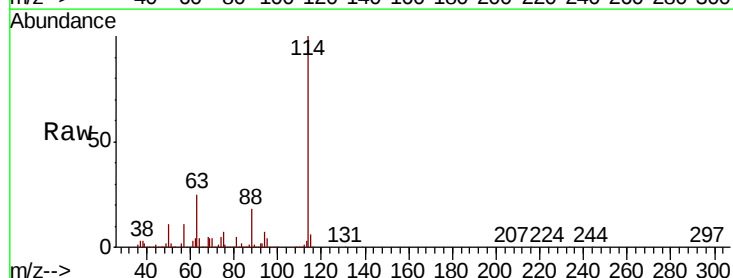
RT: 7.30 min Scan# 1358

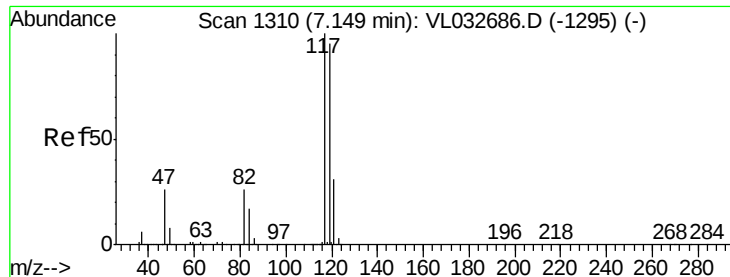
Delta R.T. -0.01 min

Lab File: VL032696.D

Acq: 24 Oct 2018 20:30

Tgt Ion:	114	Resp:	3480431
Ion	Ratio	Lower	Upper
114	100		
63	25.2	21.7	32.5
88	18.0	14.9	22.3





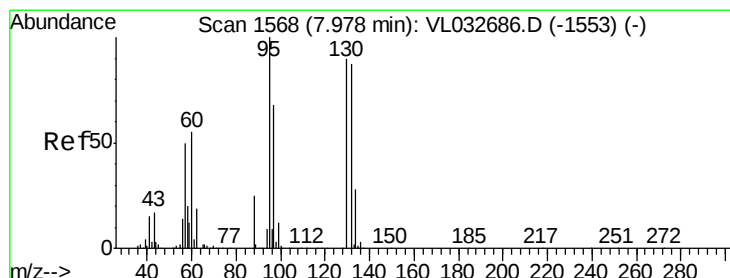
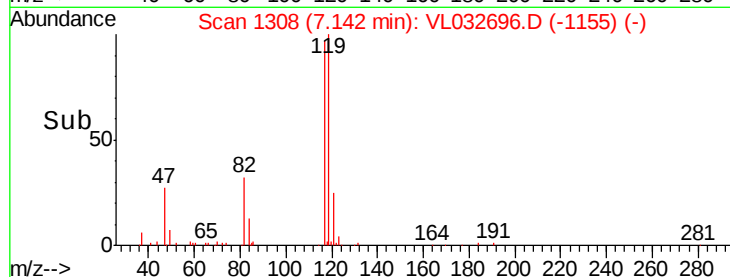
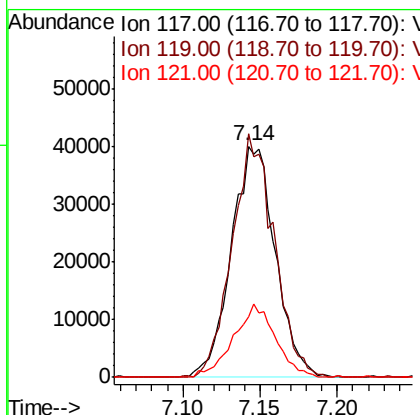
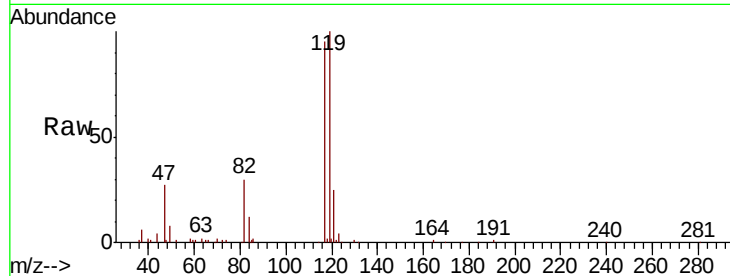
#35
Carbon Tetrachloride
Concen: 0.321 ppbv
RT: 7.14 min Scan# 1308
Delta R.T. -0.01 min
Lab File: VL032696.D
Acq: 24 Oct 2018 20:30

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2018 0.03 LOD

Tot Ion	Ratio	Lower	Upper
117	100		
119	104.8	75.7	113.5
121	26.0	24.7	37.1

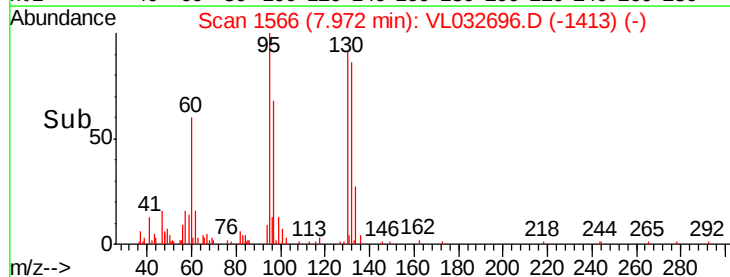
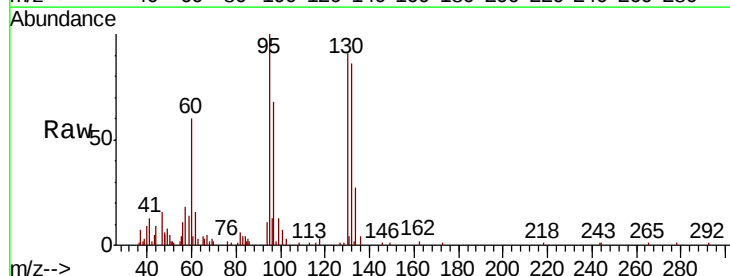
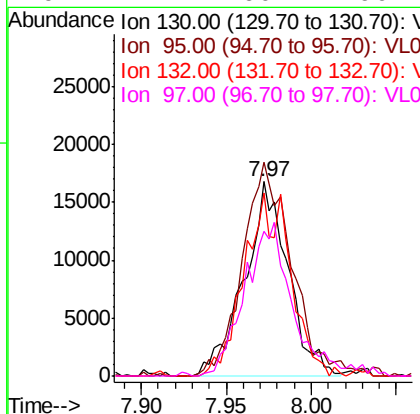
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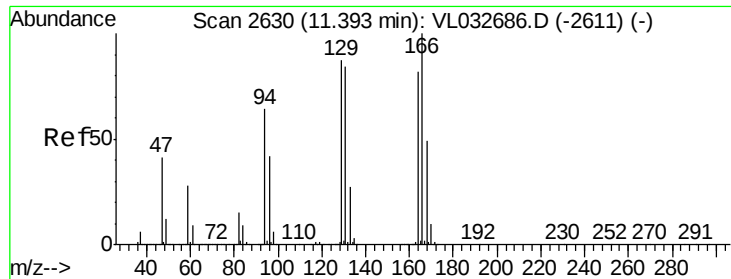
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#38
Trichloroethene
Concen: 0.287 ppbv m
RT: 7.97 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VL032696.D
Acq: 24 Oct 2018 20:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.8	93.4	140.0
132	94.2	76.5	114.7
97	74.2	60.2	90.2





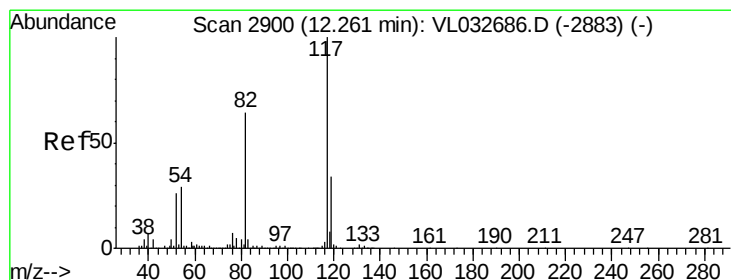
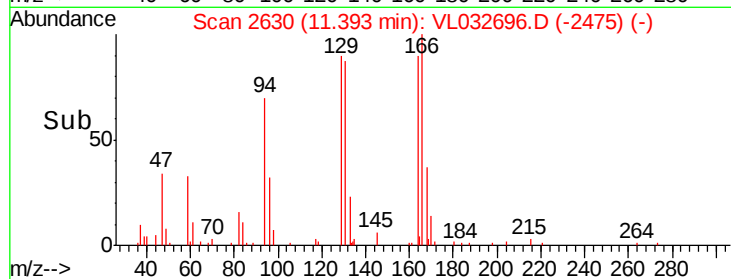
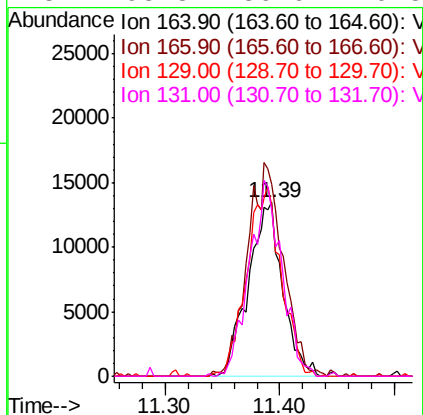
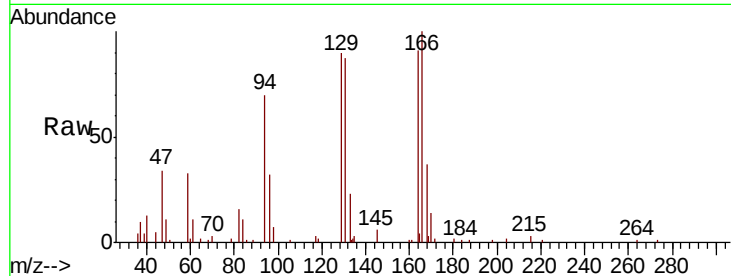
#52
Tetrachloroethene
Concen: 0.285 ppbv m
RT: 11.39 min Scan# 2630
Delta R.T. -0.00 min
Lab File: VL032696.D
Acq: 24 Oct 2018 20:30

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2018 0.03 LOD

Tot Ion	Ratio	Lower	Upper
164	100		
166	110.1	100.5	150.7
129	98.8	90.0	135.0
131	95.8	86.6	129.8

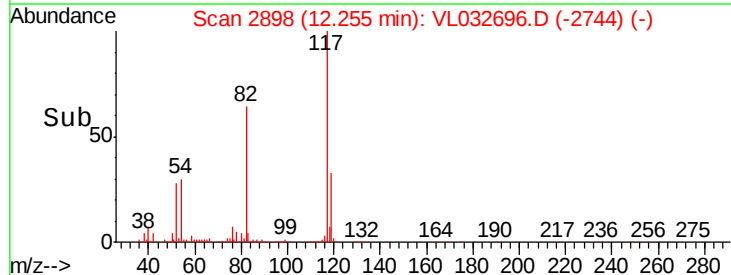
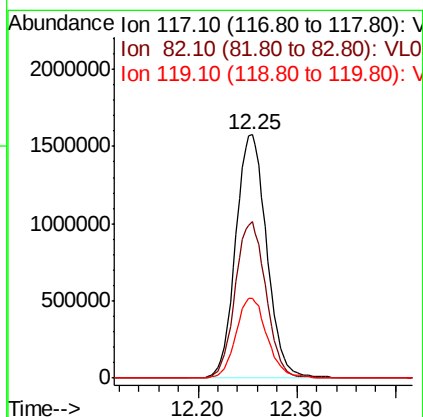
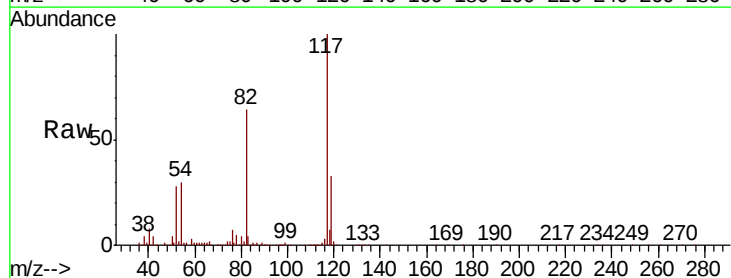
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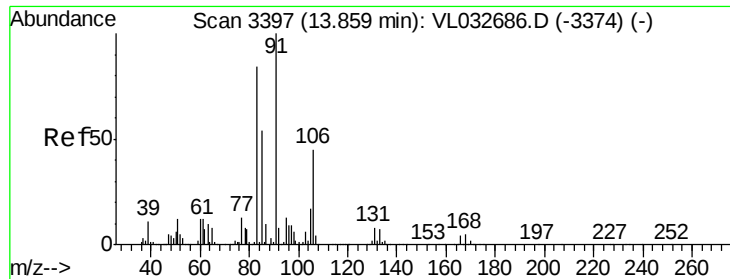
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032696.D
Acq: 24 Oct 2018 20:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.1	52.7	79.1
119	33.3	26.7	40.1





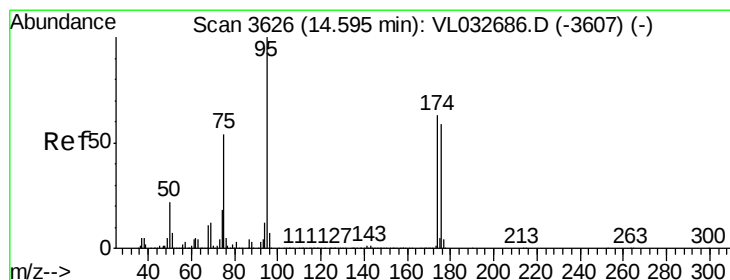
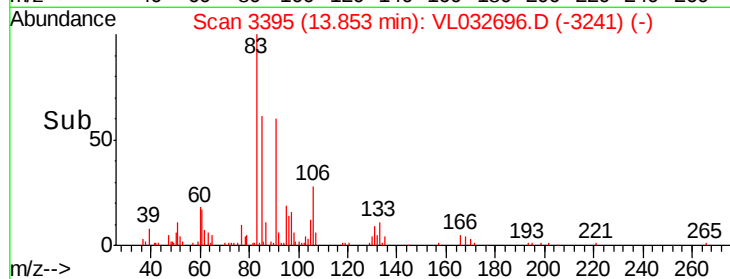
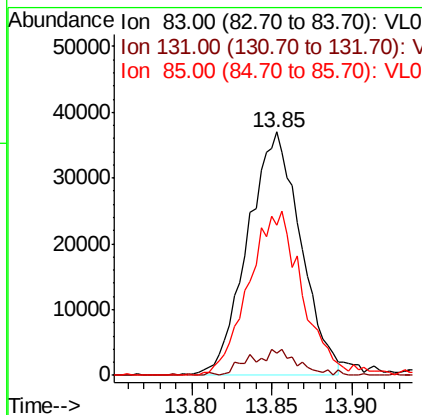
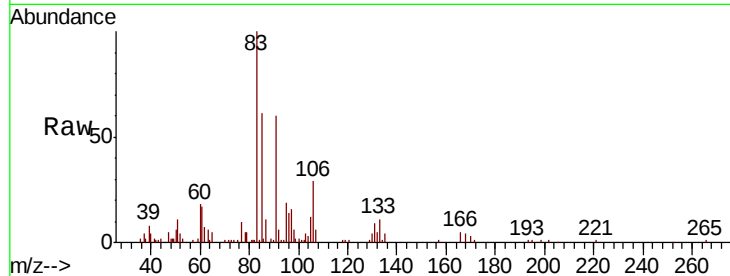
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.314 ppbv
 RT: 13.85 min Scan# 3395
 Delta R.T. -0.00 min
 Lab File: VL032696.D
 Acq: 24 Oct 2018 20:30

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2018 0.03 LOD

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.3	12.9
85	69.3	32.3	96.9

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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.238 ppbv
 RT: 14.59 min Scan# 3624
 Delta R.T. -0.00 min
 Lab File: VL032696.D
 Acq: 24 Oct 2018 20:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.2	46.0	69.0
175	4.6	3.4	5.0

