

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102418\
 Data File : VL032693.D
 Acq On : 24 Oct 2018 18:39
 Operator : SY/AP
 Sample : J5164-13 0.03 LOD
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2018

Manual Integrations
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 10/26/2018 3:40:15 PM

Quant Time: Oct 25 07:05:29 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 07:05:29 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	5.78	49	1475213	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3373445	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3323560	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2526781	10.21	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl Chloride	3.30	62	2572m	0.037	ppbv	
32) 1,1,1-Trichloroethane	6.63	97	9654m	0.040	ppbv	
35) Carbon Tetrachloride	7.15	117	10466m	0.044	ppbv	
38) Trichloroethene	7.98	130	4076m	0.040	ppbv	
52) Tetrachloroethene	11.39	164	3774m	0.040	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.86	83	11749m	0.045	ppbv	

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

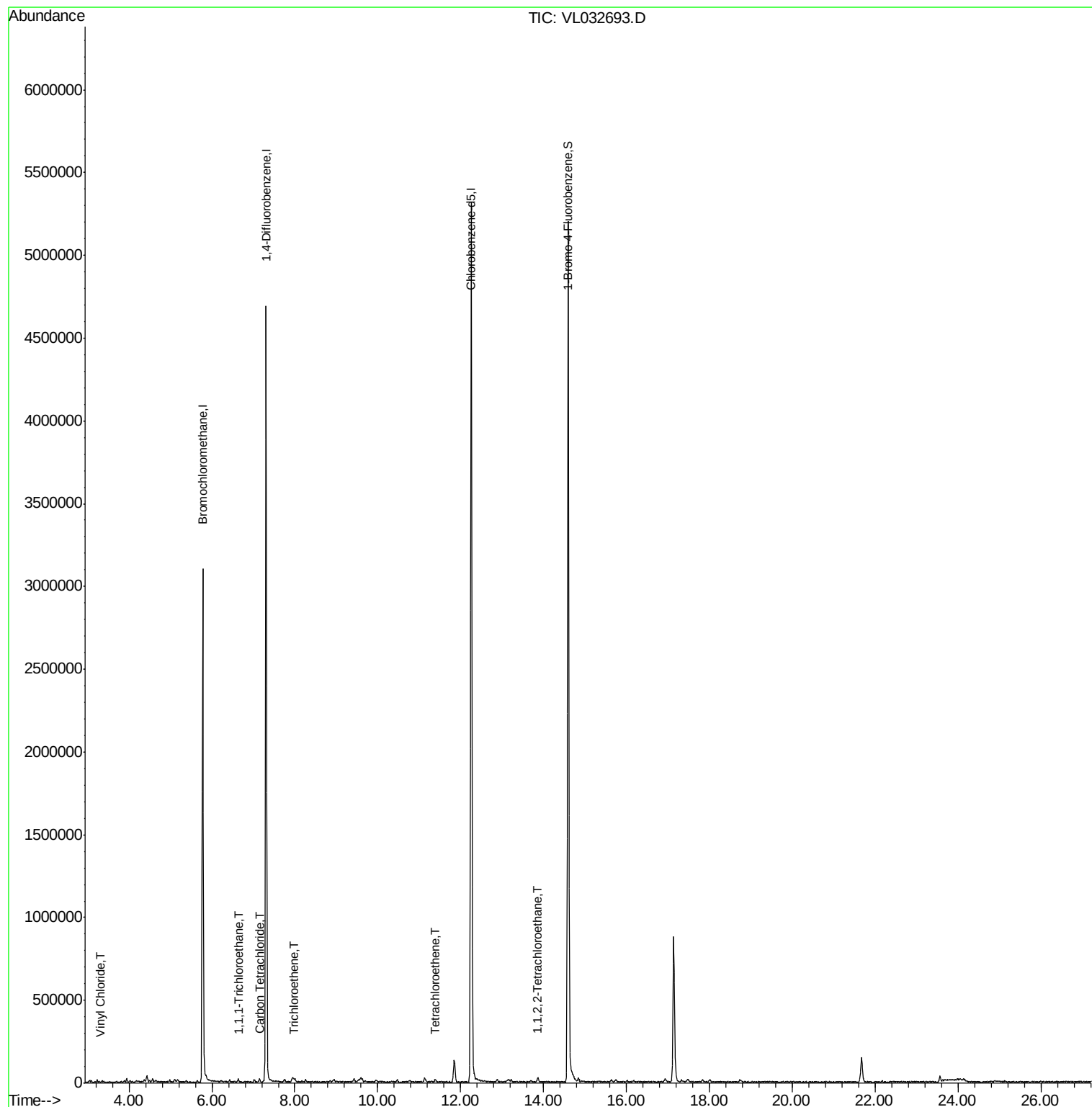
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Data File : VL032693.D
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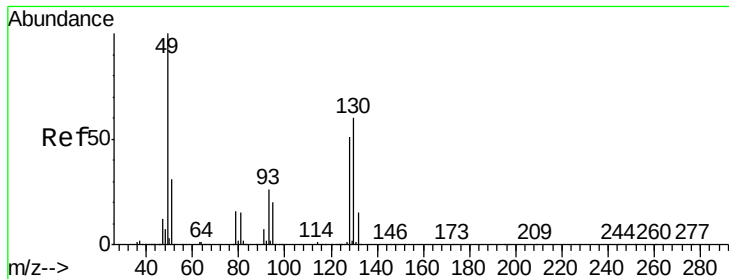
Instrument :
MSVOA_L
ClientSampleId :
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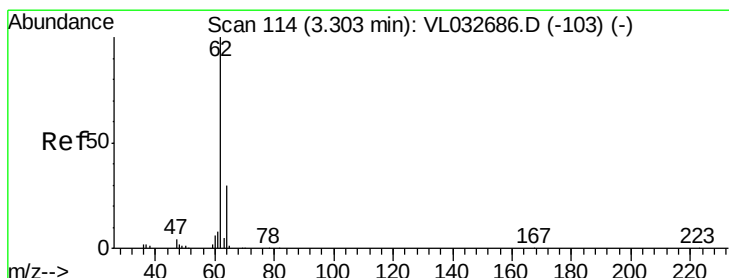
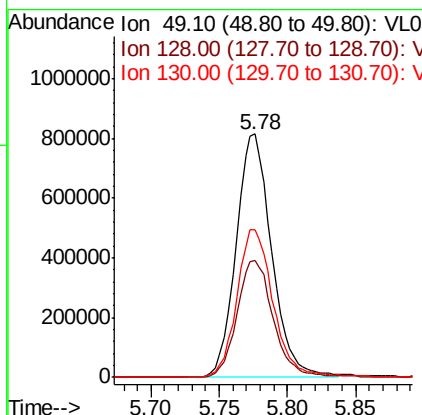
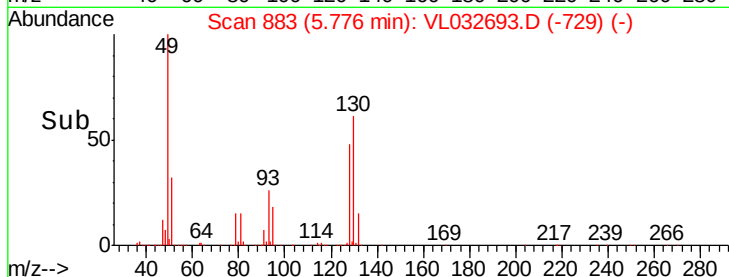
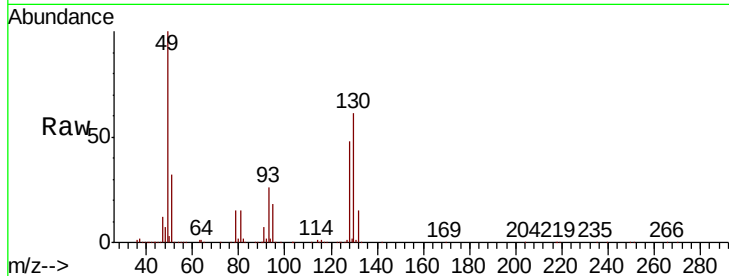
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.78 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: VL032693.D
 Acq: 24 Oct 2018 18:39

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2018

Tgt Ion:	49	Resp:	1475213
Ion	Ratio	Lower	Upper
49	100		
128	49.3	22.3	66.8
130	62.3	28.4	85.3

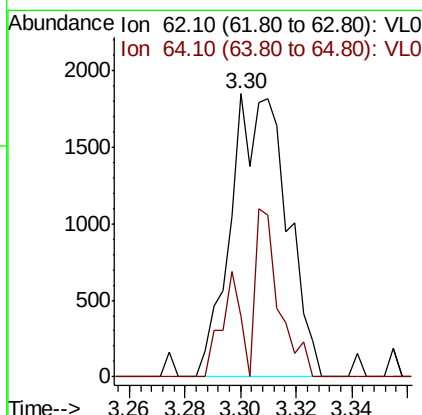
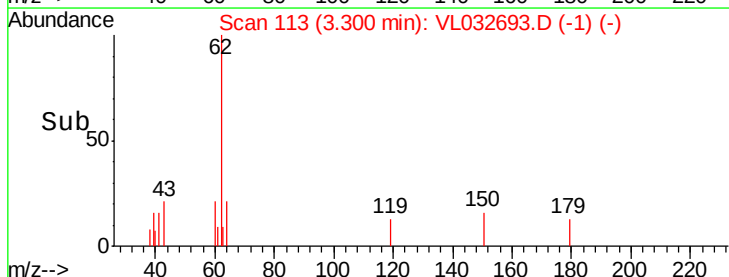
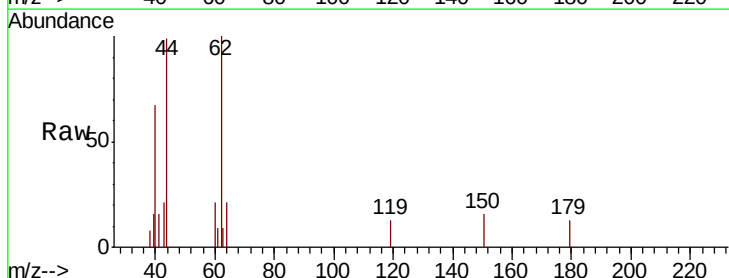
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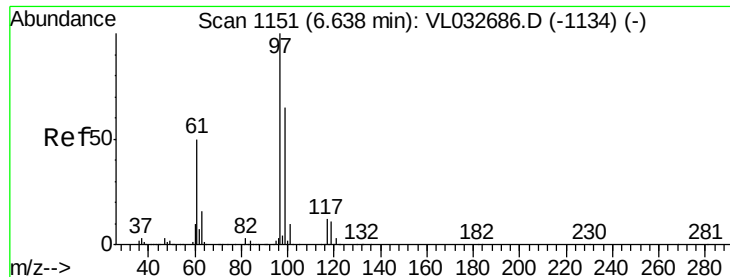
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#5
 Vinyl Chloride
 Concen: 0.037 ppbv m
 RT: 3.30 min Scan# 113
 Delta R.T. -0.00 min
 Lab File: VL032693.D
 Acq: 24 Oct 2018 18:39

Tgt Ion:	62	Resp:	2572
Ion	Ratio	Lower	Upper
62	100		
64	21.2	25.5	38.3#





#32

1,1,1-Trichloroethane

Concen: 0.040 ppbv m

RT: 6.63 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VL032693.D

Acq: 24 Oct 2018 18:39

Instrument :

MSVOA_L

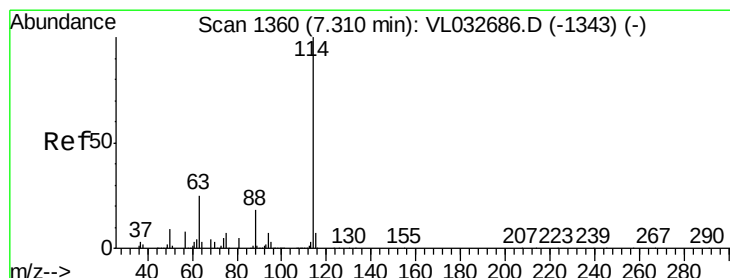
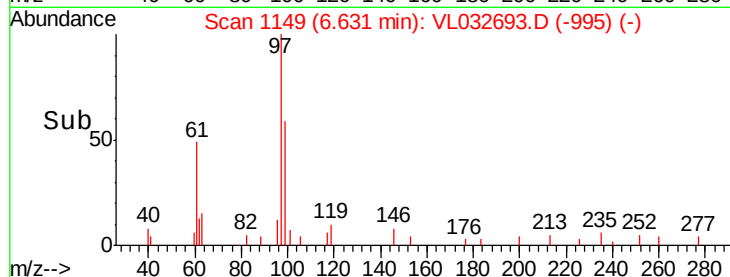
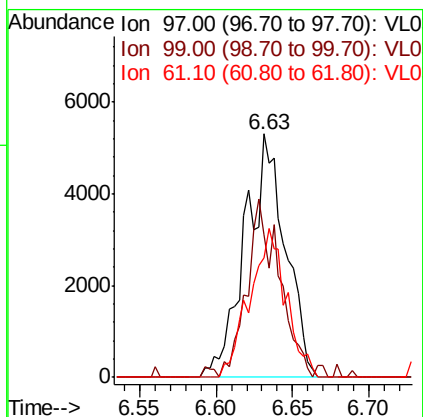
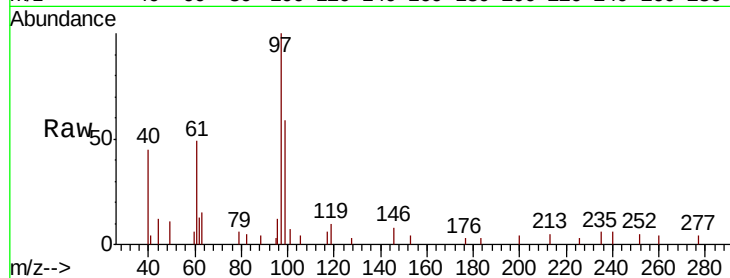
ClientSampleId :

LOD-MDL-AIR-01-QT4-2018

Tgt Ion:	97	Resp:	9654
Ion	Ratio	Lower	Upper
97	100		
99	62.4	52.0	78.0
61	55.3	40.7	61.1

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

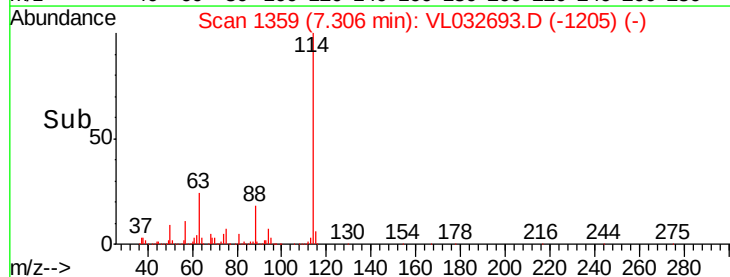
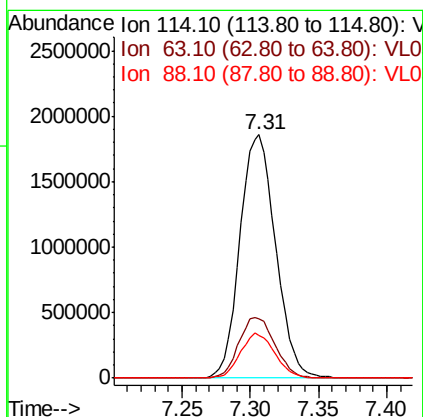
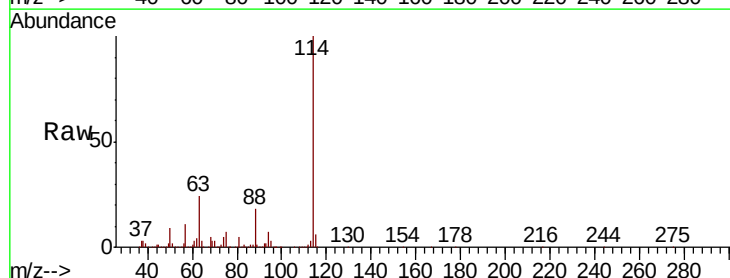
RT: 7.31 min Scan# 1359

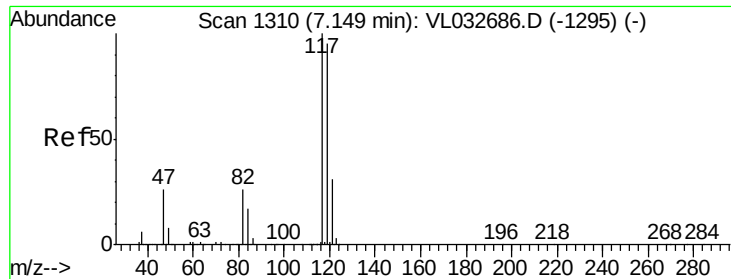
Delta R.T. -0.00 min

Lab File: VL032693.D

Acq: 24 Oct 2018 18:39

Tgt Ion:	114	Resp:	3373445
Ion	Ratio	Lower	Upper
114	100		
63	25.4	21.7	32.5
88	17.9	14.9	22.3





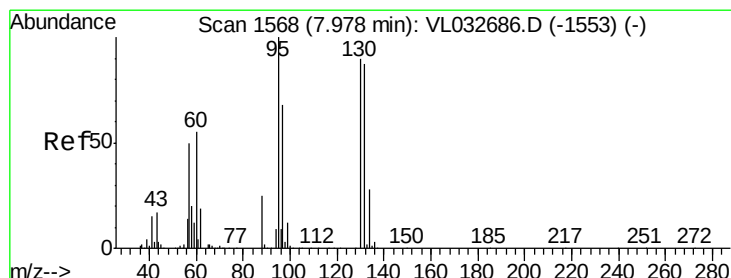
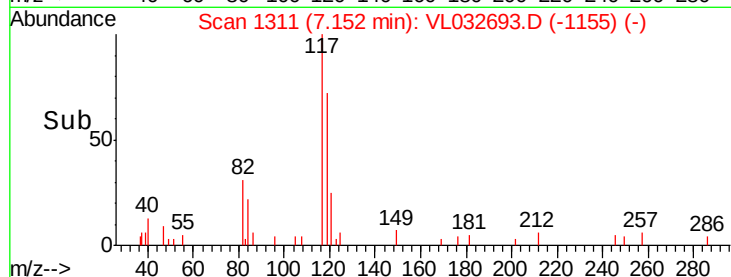
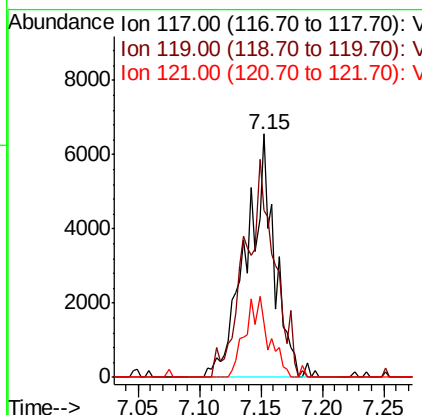
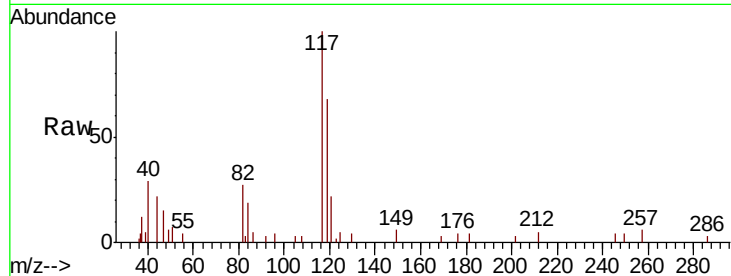
#35
Carbon Tetrachloride
Concen: 0.044 ppbv m
RT: 7.15 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VL032693.D
Acq: 24 Oct 2018 18:39

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2018

Tgt Ion	Ratio	Lower	Upper
117	100		
119	68.3	75.7	113.5#
121	22.1	24.7	37.1#

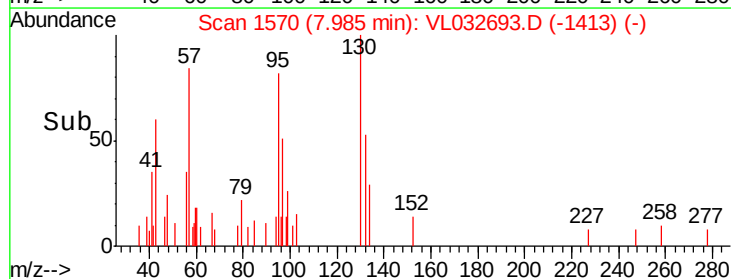
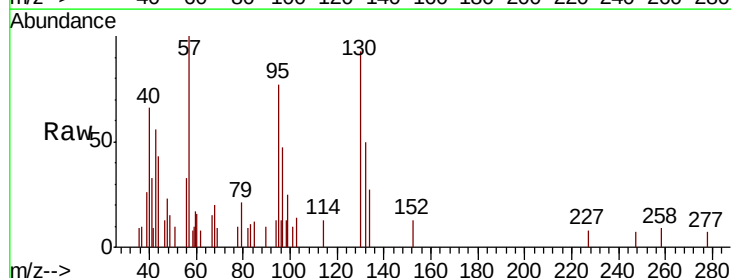
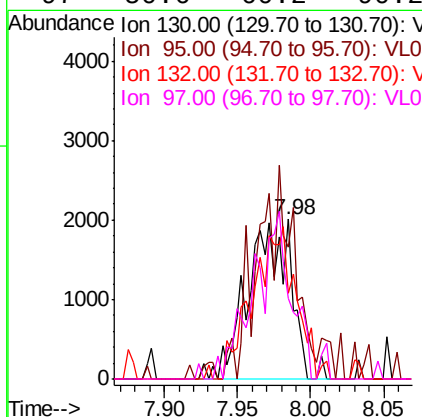
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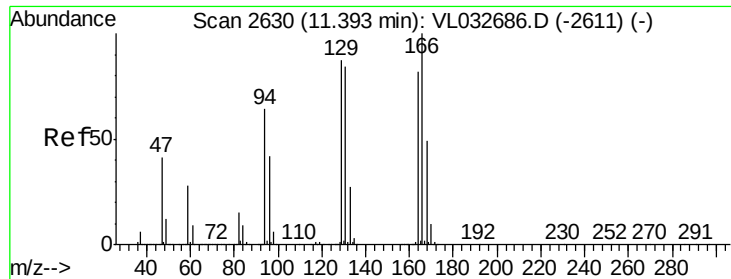
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#38
Trichloroethene
Concen: 0.040 ppbv m
RT: 7.98 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VL032693.D
Acq: 24 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	82.2	93.4	140.0#
132	53.4	76.5	114.7#
97	50.6	60.2	90.2#





#52

Tetrachloroethene

Concen: 0.040 ppbv m

RT: 11.39 min Scan# 2628

Delta R.T. -0.01 min

Lab File: VL032693.D

Acq: 24 Oct 2018 18:39

Instrument :

MSVOA_L

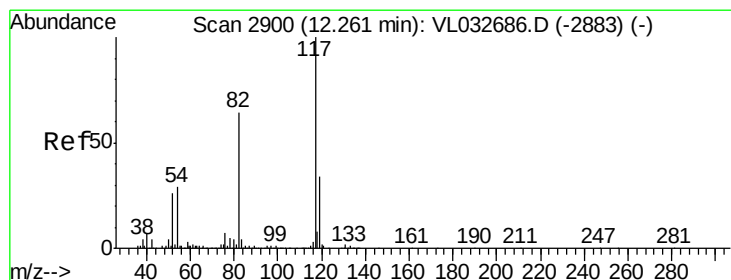
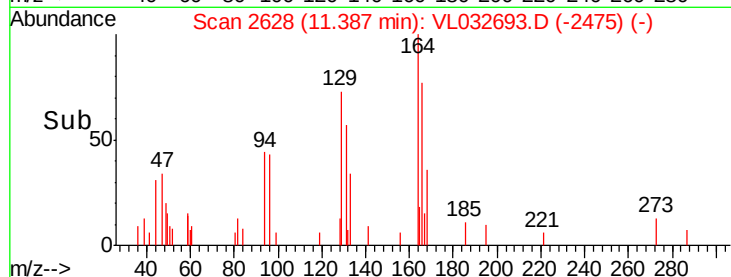
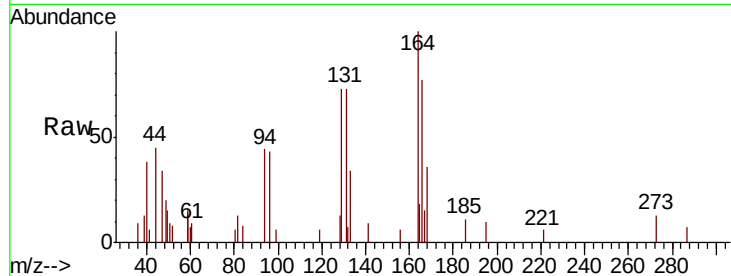
ClientSampleId :

LOD-MDL-AIR-01-QT4-2018

Tgt Ion	Ratio	Lower	Upper
164	100		
166	76.9	100.5	150.7#
129	72.6	90.0	135.0#
131	73.4	86.6	129.8#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

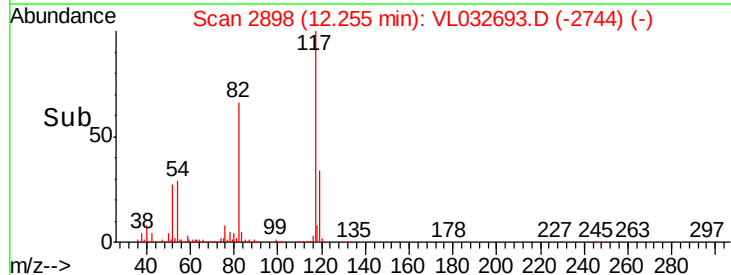
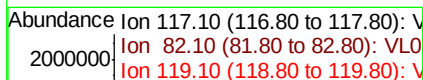
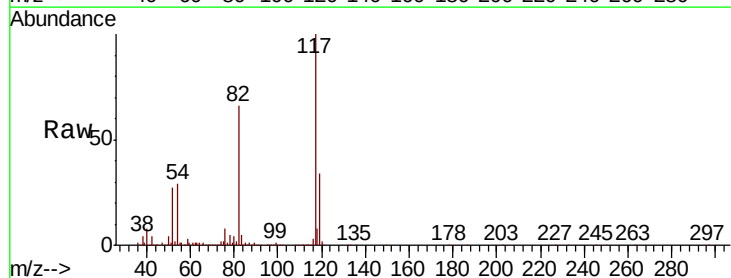
RT: 12.25 min Scan# 2898

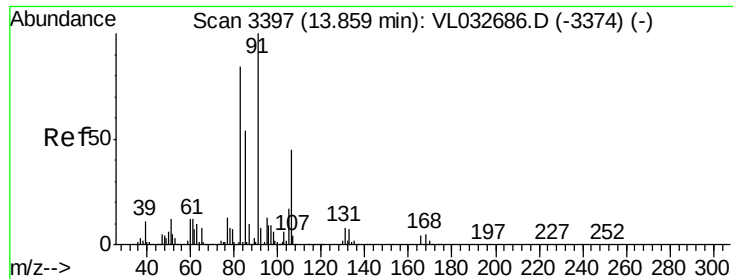
Delta R.T. -0.00 min

Lab File: VL032693.D

Acq: 24 Oct 2018 18:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	65.6	52.7	79.1
119	32.7	26.7	40.1





#63

1,1,2,2-Tetrachloroethane

Concen: 0.045 ppbv m

RT: 13.86 min Scan# 3398

Delta R.T. 0.01 min

Lab File: VL032693.D

Acq: 24 Oct 2018 18:39

Instrument :

MSVOA_L

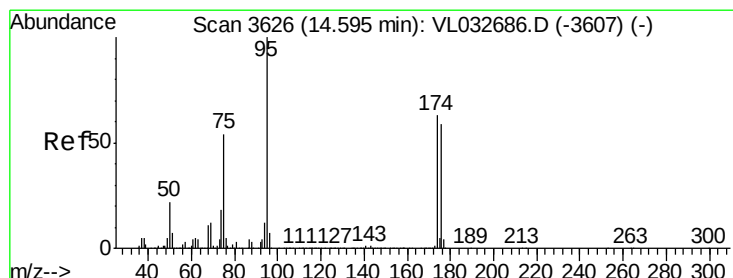
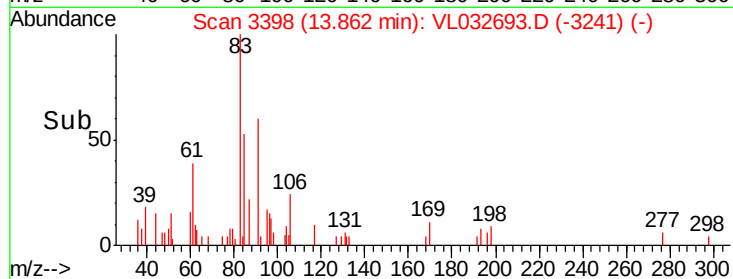
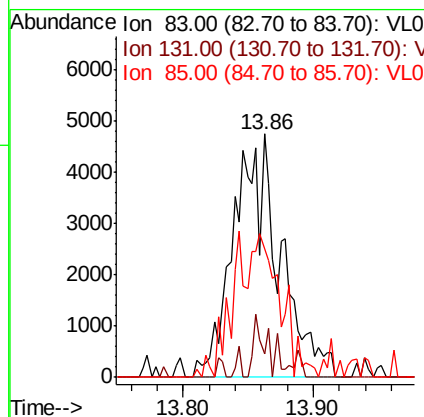
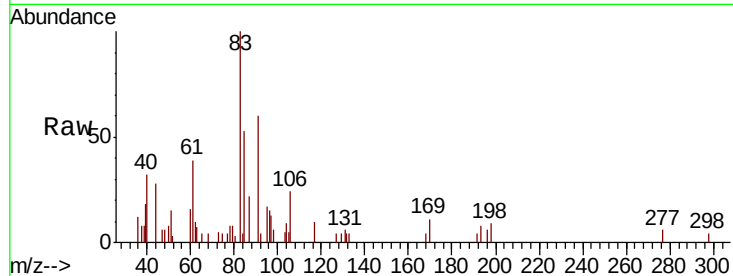
ClientSampleId :

LOD-MDL-AIR-01-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	11749		
131	12.6	4.3	12.9	
85	0.0	32.3	96.9#	

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.211 ppbv

RT: 14.59 min Scan# 3625

Delta R.T. -0.00 min

Lab File: VL032693.D

Acq: 24 Oct 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	2526781		
174	63.7	46.0	69.0	
175	4.6	3.4	5.0	

