

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022521\
 Data File : VL036392.D
 Acq On : 25 Feb 2021 21:56
 Operator : SY/AP
 Sample : M1458-13 0.03LOD
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2021

Manual Integrations
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 3/1/2021 10:03:17 AM

Quant Time: Feb 26 11:02:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1471581	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3178695	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2879054	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2277740	9.62	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.25	62	3540m	0.043	ppbv	
32) 1,1,1-Trichloroethane	6.49	97	9195m	0.043	ppbv	
35) Carbon Tetrachloride	6.99	117	8819m	0.041	ppbv	
38) Trichloroethene	7.82	130	3746m	0.039	ppbv	
52) Tetrachloroethene	11.20	164	3977m	0.040	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.66	83	11191m	0.043	ppbv	

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

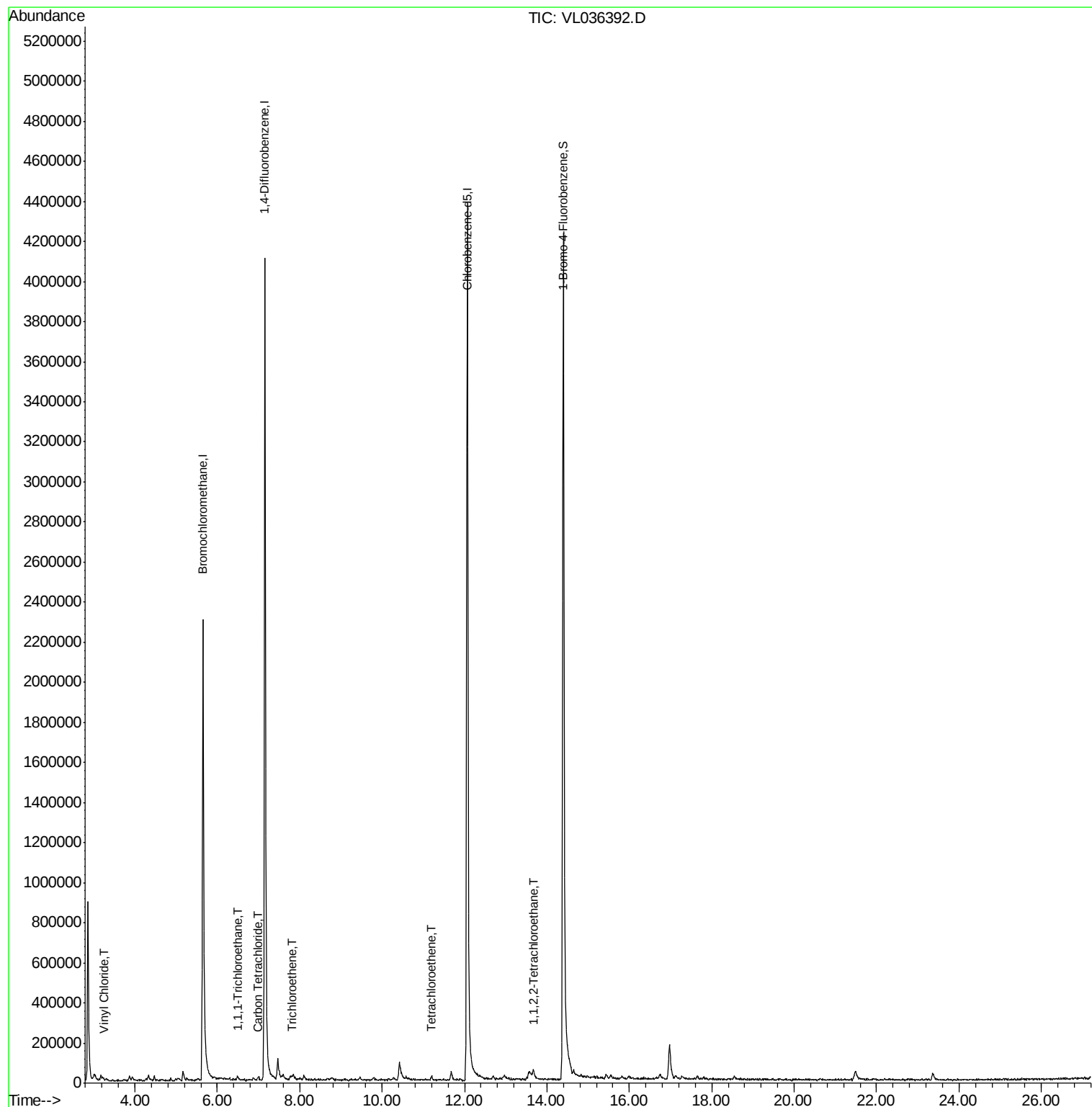
Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022521\
Data File : VL036392.D
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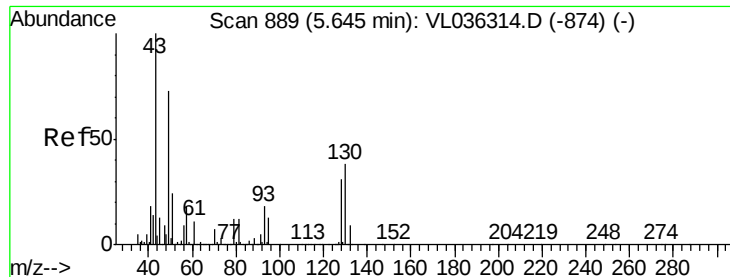
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. 0.00 min

Lab File: VL036392.D

Acq: 25 Feb 2021 21:56

Instrument :

MSVOA_L

ClientSampleId :

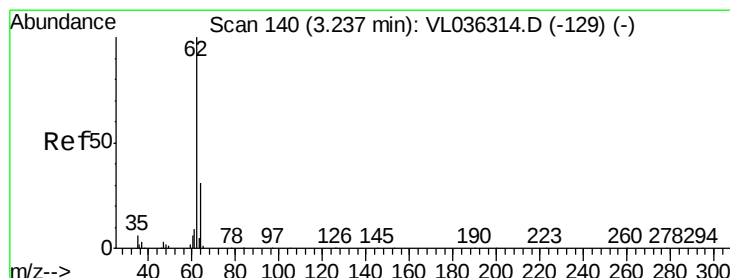
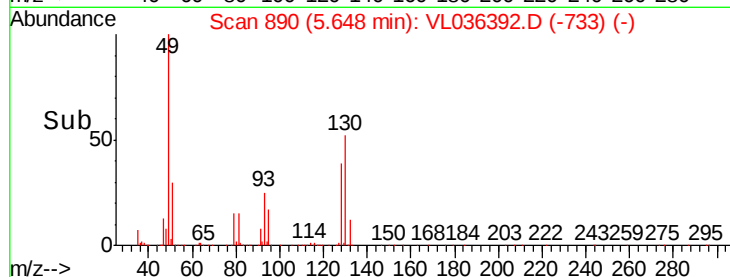
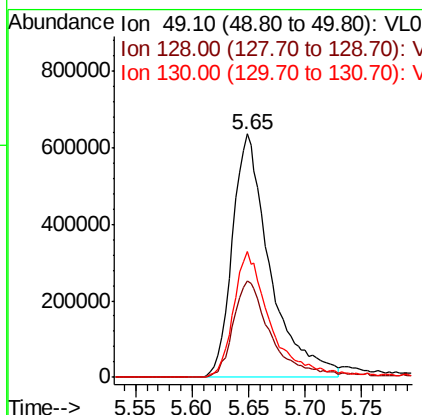
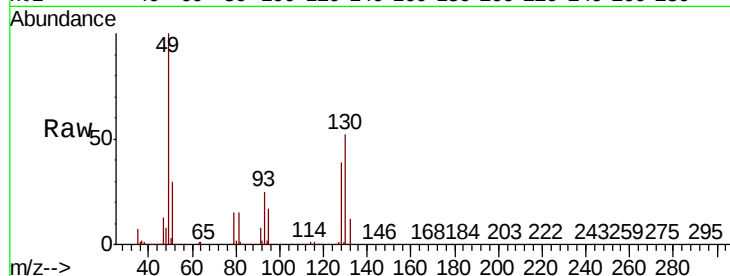
LOD-MDL-AIR-01-QT1-2021

Tot Ion: 49 Resp: 1471581

Ion	Ratio	Lower	Upper
49	100		
128	41.7	20.8	62.5
130	53.1	26.7	80.1

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#5

Vinyl Chloride

Concen: 0.043 ppbv m

RT: 3.25 min Scan# 144

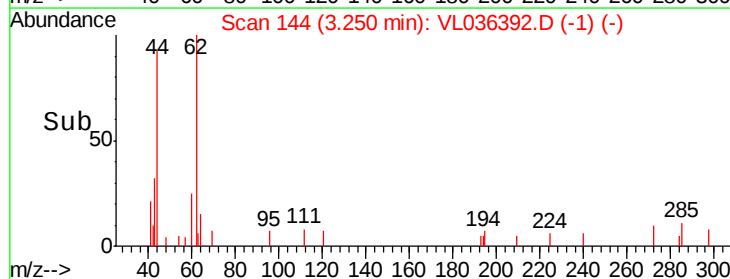
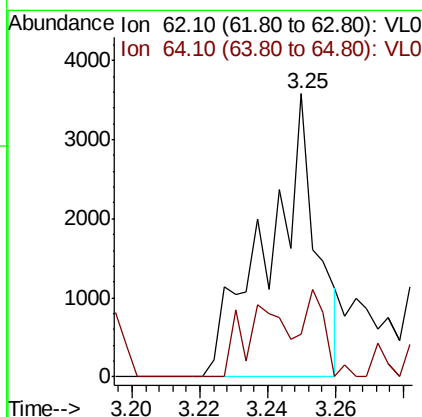
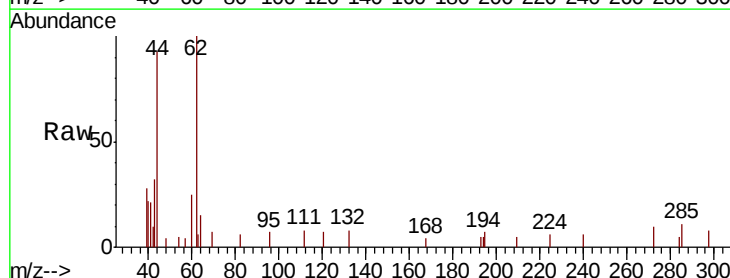
Delta R.T. 0.01 min

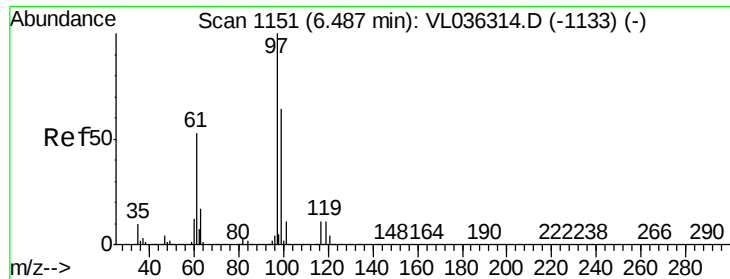
Lab File: VL036392.D

Acq: 25 Feb 2021 21:56

Tgt Ion: 62 Resp: 3540

Ion	Ratio	Lower	Upper
62	100		
64	15.0	24.4	36.6#





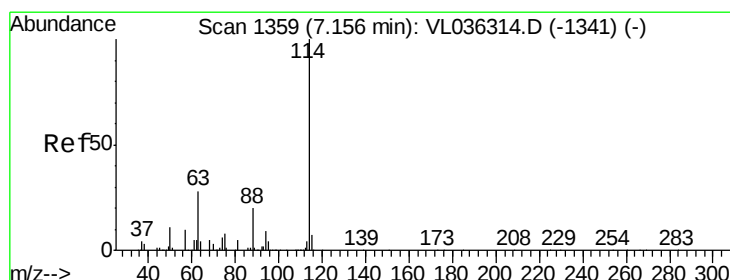
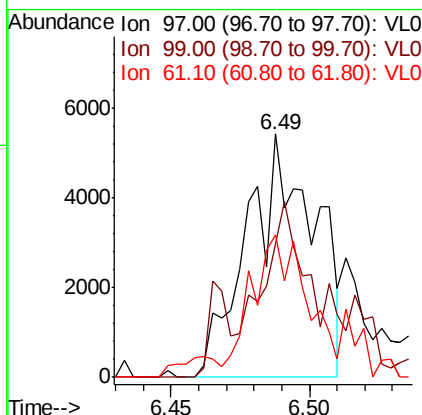
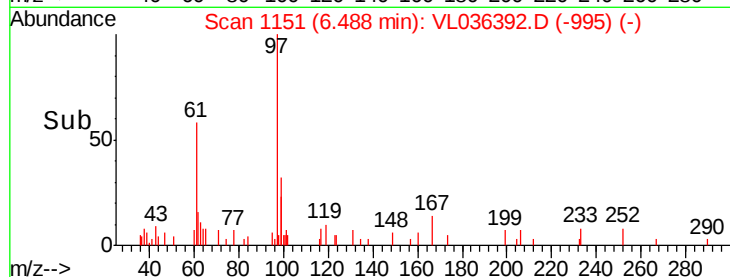
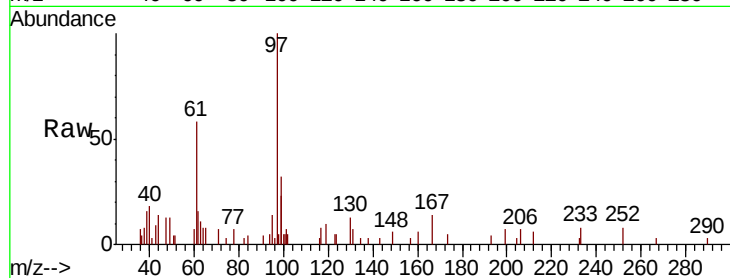
#32
 1,1,1-Trichloroethane
 Concen: 0.043 ppbv m
 RT: 6.49 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: VL036392.D
 Acq: 25 Feb 2021 21:56

Instrument :
 MSVOA_L
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
97	100		
99	82.4	52.2	78.4#
61	0.0	43.3	64.9#

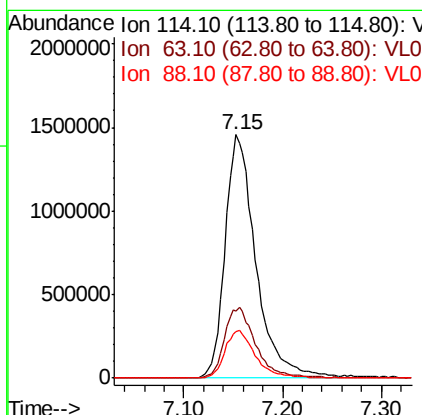
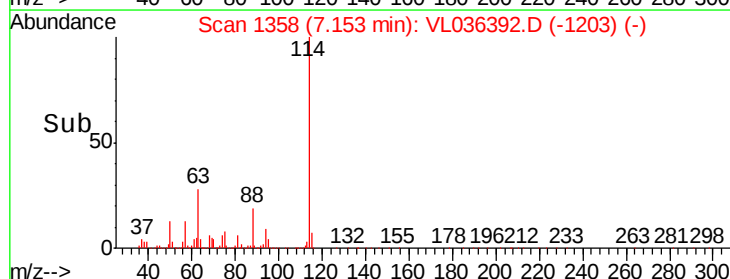
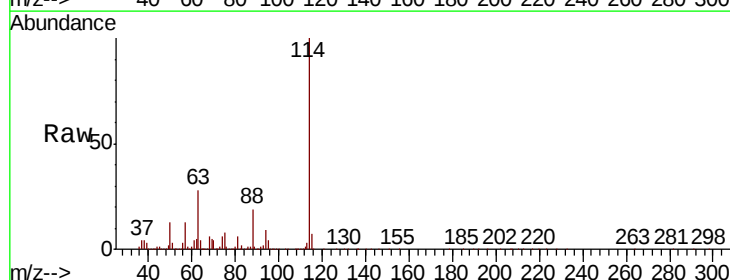
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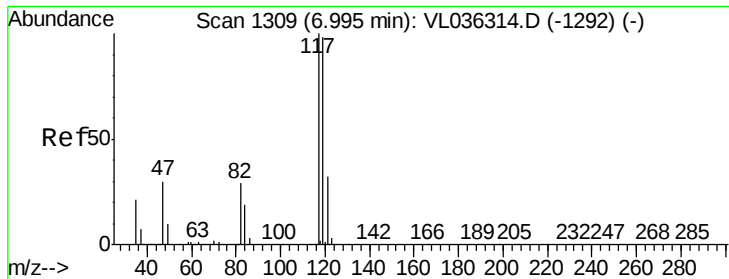
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#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: VL036392.D
 Acq: 25 Feb 2021 21:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	30.0	24.1	36.1
88	19.3	16.0	24.0





#35

Carbon Tetrachloride

Concen: 0.041 ppbv m

RT: 6.99 min Scan# 1306

Delta R.T. -0.01 min

Lab File: VL036392.D

Acq: 25 Feb 2021 21:56

Instrument :

MSVOA_L

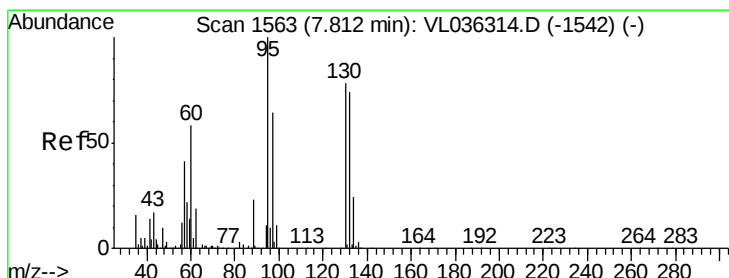
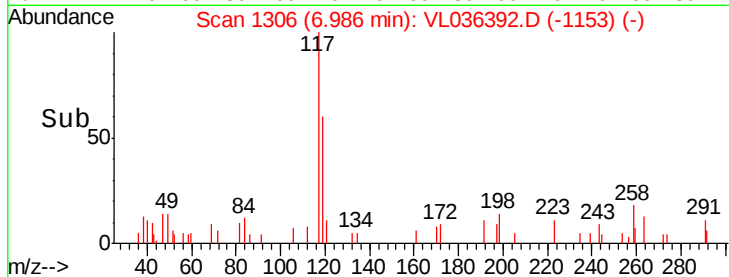
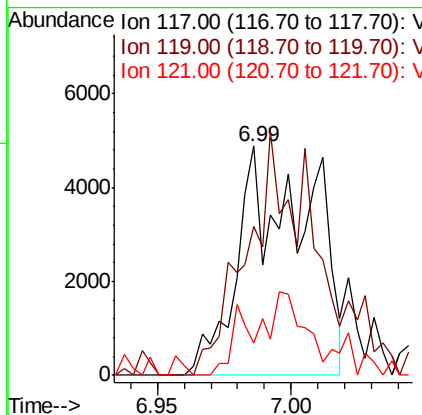
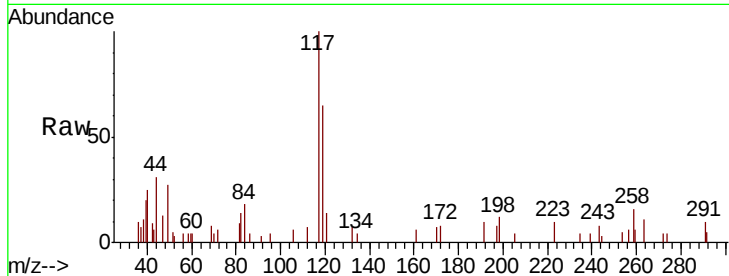
ClientSampleId :

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Tot Ion:	117	Resp:	8819
Ion Ratio	Lower	Upper	
117	100		
119	64.8	78.1	117.1#
121	14.4	25.8	38.8#

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#38

Trichloroethene

Concen: 0.039 ppbv m

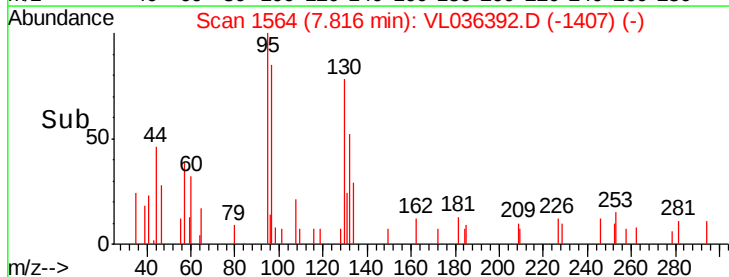
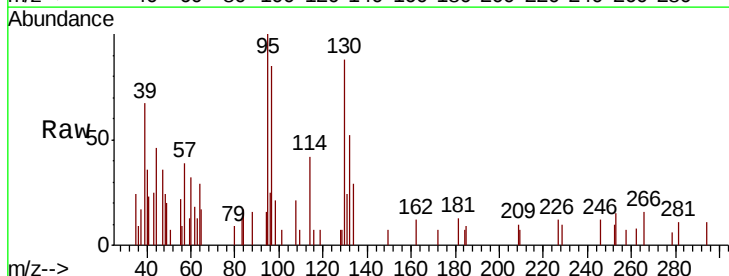
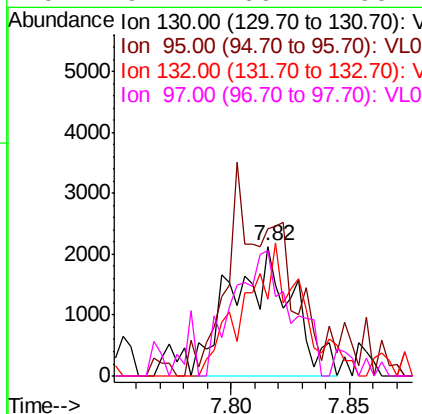
RT: 7.82 min Scan# 1564

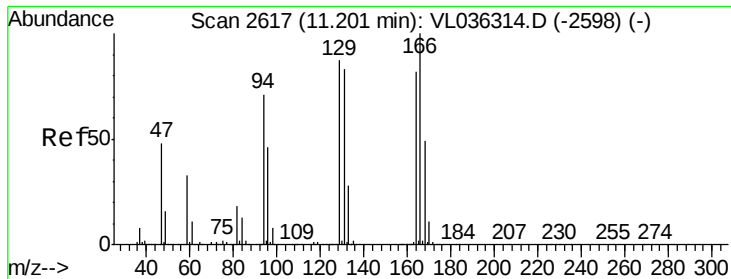
Delta R.T. 0.00 min

Lab File: VL036392.D

Acq: 25 Feb 2021 21:56

Tgt Ion:	130	Resp:	3746
Ion Ratio	Lower	Upper	
130	100		
95	113.8	102.8	154.2
132	59.6	75.7	113.5#
97	97.1	66.2	99.2





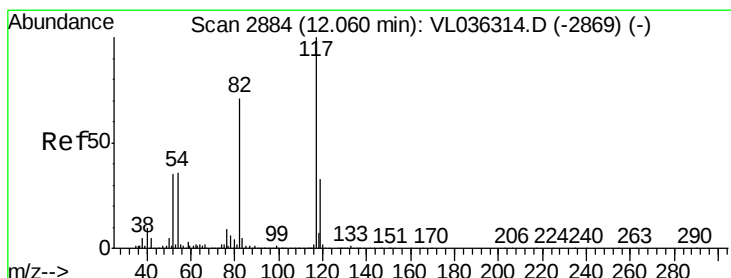
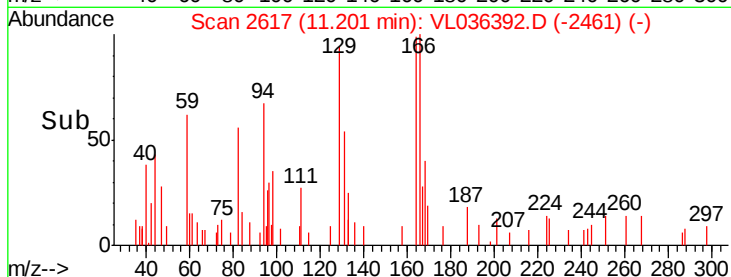
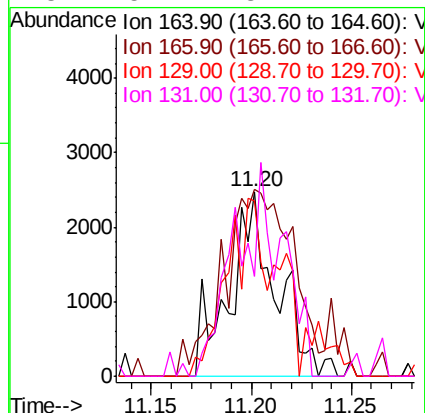
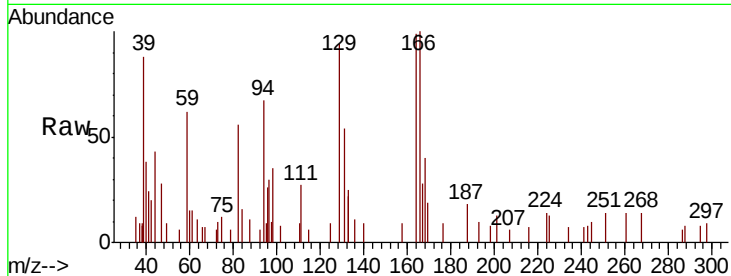
#52
Tetrachloroethene
Concen: 0.040 ppbv m
RT: 11.20 min Scan# 2617
Delta R.T. 0.00 min
Lab File: VL036392.D
Acq: 25 Feb 2021 21:56

Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
164	100		
166	101.1	97.8	146.8
129	94.8	84.9	127.3
131	54.2	81.4	122.2#

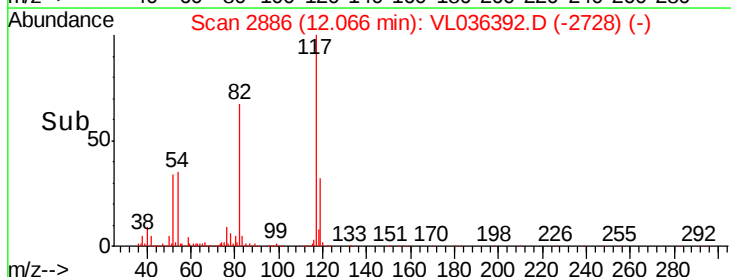
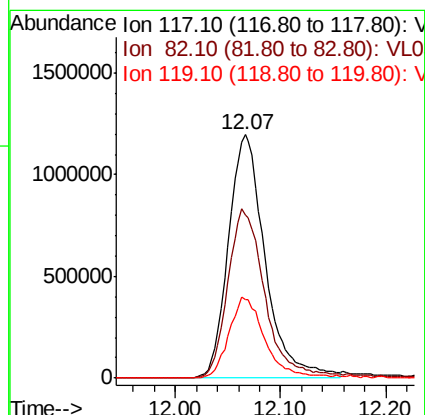
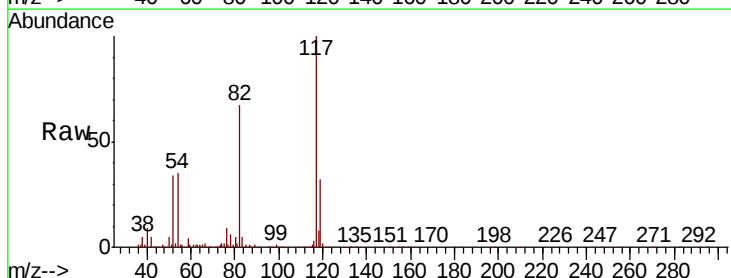
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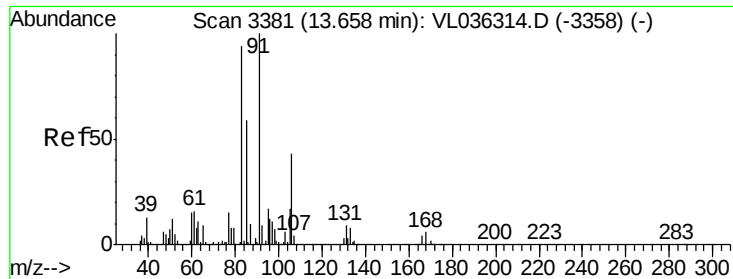
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. 0.01 min
Lab File: VL036392.D
Acq: 25 Feb 2021 21:56

Tgt Ion	Ratio	Lower	Upper
117	100		
82	72.7	59.1	88.7
119	33.5	46.3	69.5#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.043 ppbv m

RT: 13.66 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VL036392.D

Acq: 25 Feb 2021 21:56

Instrument :

MSVOA_L

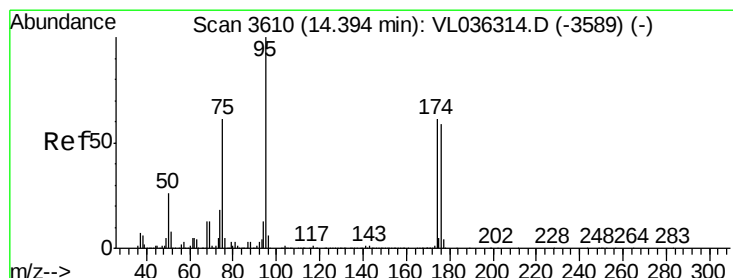
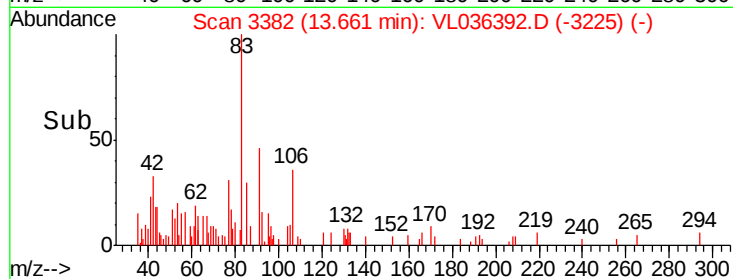
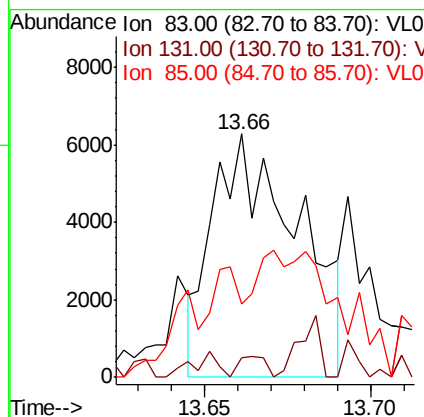
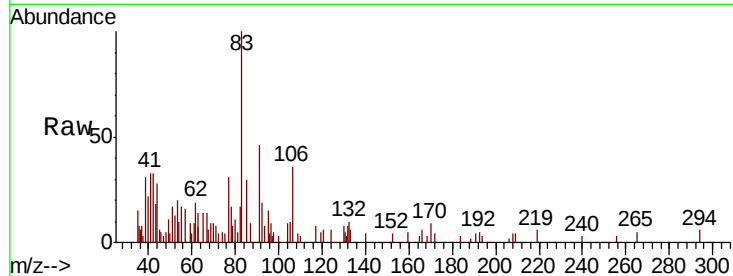
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Tot Ion	83	Resp	11191
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.0#
85	87.0	33.0	98.9

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.616 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. 0.00 min

Lab File: VL036392.D

Acq: 25 Feb 2021 21:56

Tgt Ion	95	Resp	2277740
Ion	Ratio	Lower	Upper
95	100		
174	62.8	49.8	74.6
175	4.6	3.7	5.5

