

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031020\
 Data File : VL034879.D
 Acq On : 10 Mar 2020 23:27
 Operator : SY/AP
 Sample : L1161-15 0.03 PPB MDL
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-01-QT1-2020

Manual Integrations
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Quant Time: Mar 11 07:39:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 0
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	833333	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1855803	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1822309	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1488007	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.22	62	2173m	0.043	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	4623m	0.038	ppbv	
35) Carbon Tetrachloride	7.02	117	4642m	0.040	ppbv	
38) Trichloroethene	7.85	130	2241m	0.036	ppbv	
52) Tetrachloroethene	11.23	164	2948m	0.045	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.71	83	6768m	0.049	ppbv	

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

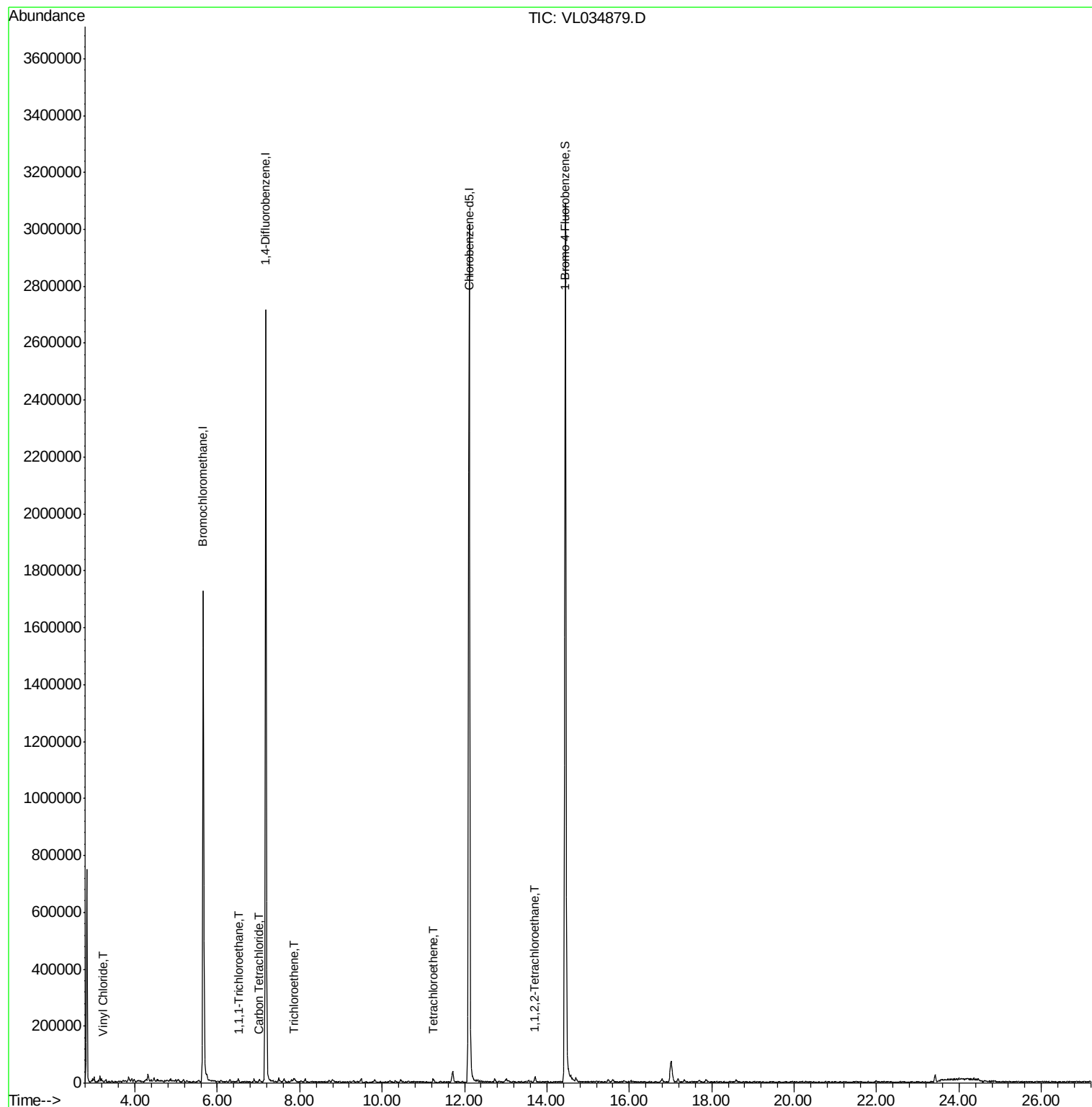
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031020\
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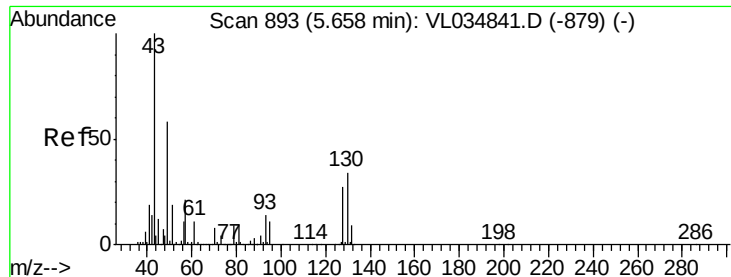
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

Lab File: VL034879.D

Acq: 10 Mar 2020 23:27

Instrument :

MSVOA_L

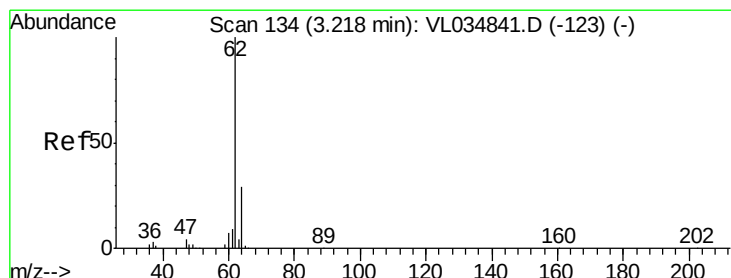
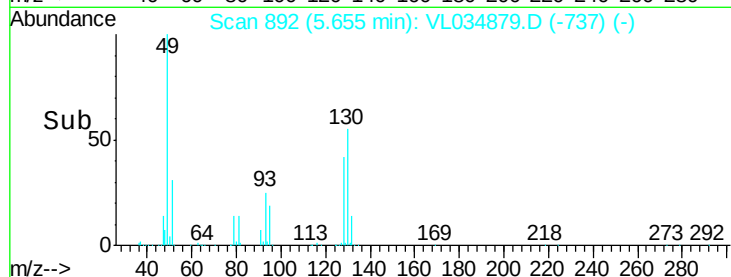
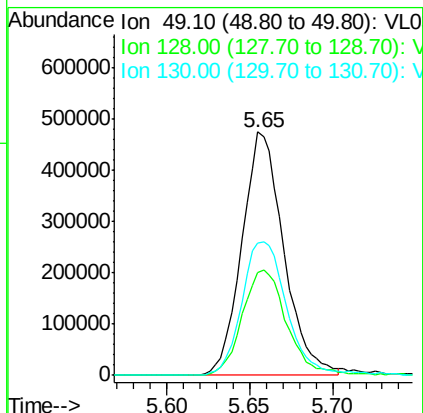
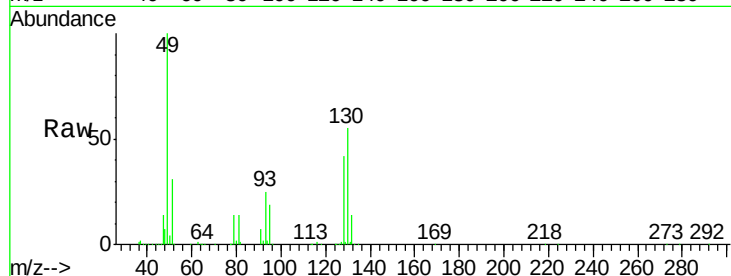
ClientSampleId :

MDL-AIR-01-QT1-2020

Tot Ion:	49	Resp:	833333
Ion Ratio	Lower	Upper	
49	100		
128	46.6	23.4	70.3
130	59.5	30.0	90.0

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#5

Vinyl Chloride

Concen: 0.043 ppbv m

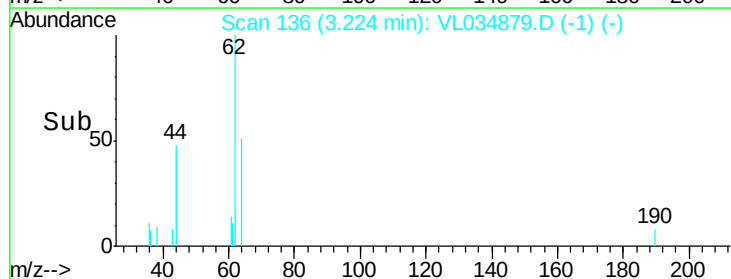
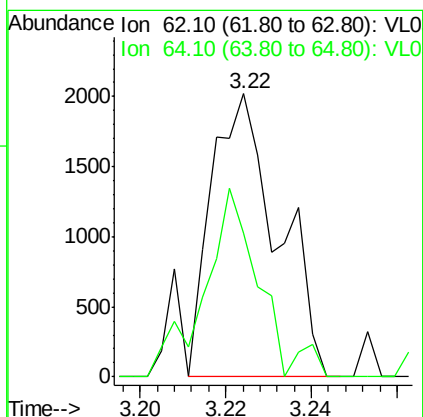
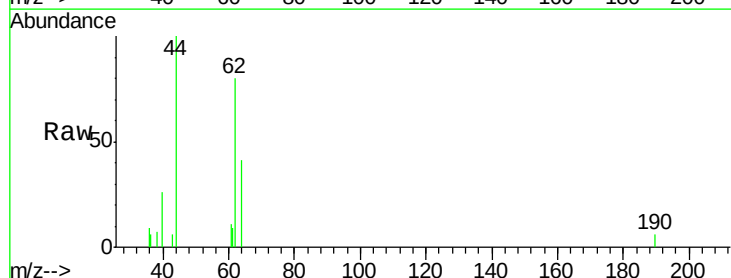
RT: 3.22 min Scan# 136

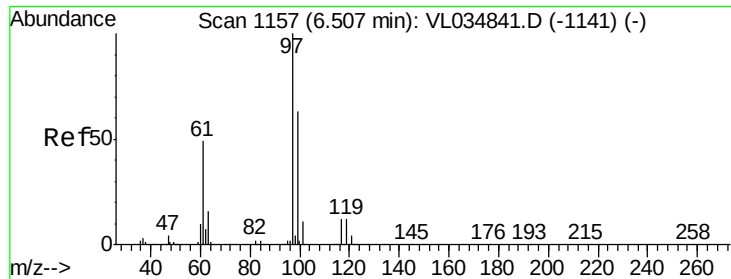
Delta R.T. 0.01 min

Lab File: VL034879.D

Acq: 10 Mar 2020 23:27

Tgt Ion:	62	Resp:	2173
Ion Ratio	Lower	Upper	
62	100		
64	50.9	23.0	34.4#





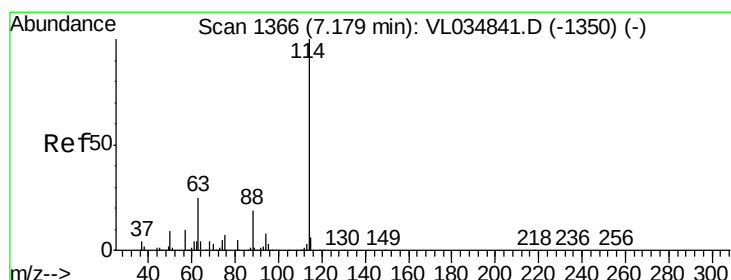
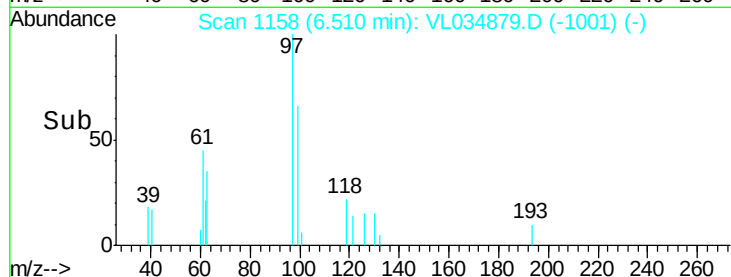
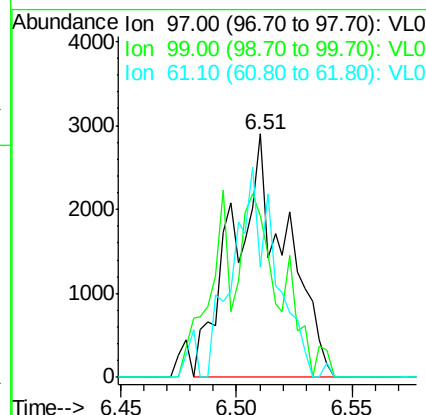
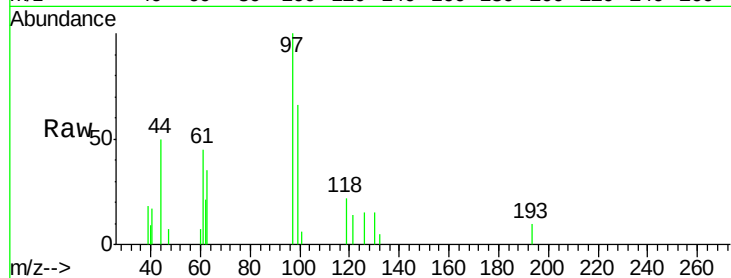
#32
 1,1,1-Trichloroethane
 Concen: 0.038 ppbv m
 RT: 6.51 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: VL034879.D
 Acq: 10 Mar 2020 23:27

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	72.4	39.7	59.5#

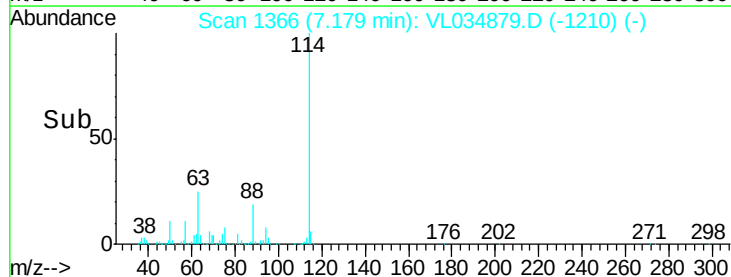
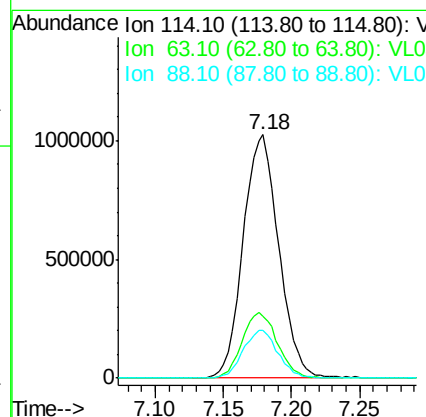
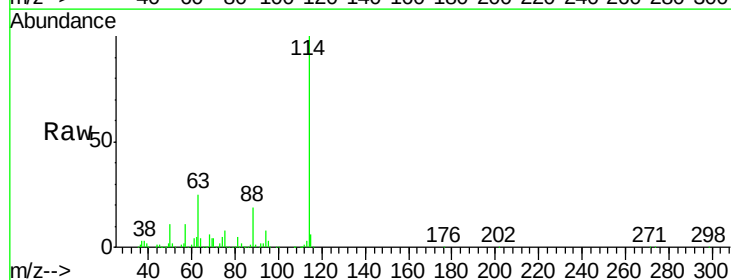
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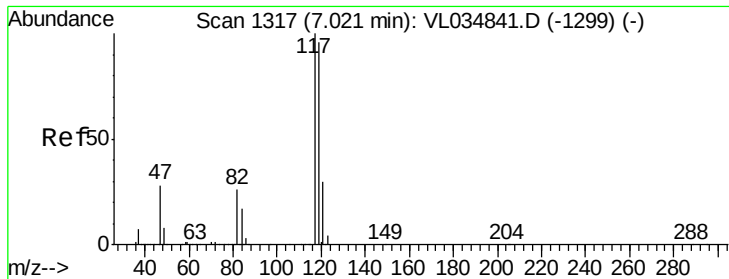
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#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: VL034879.D
 Acq: 10 Mar 2020 23:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.9	20.6	31.0
88	19.4	15.0	22.6





#35

Carbon Tetrachloride

Concen: 0.040 ppbv m

RT: 7.02 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VL034879.D

Acq: 10 Mar 2020 23:27

Instrument :

MSVOA_L

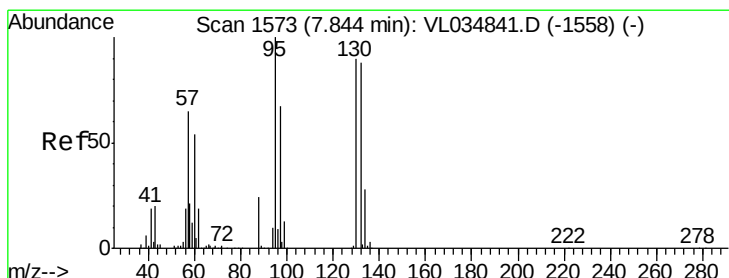
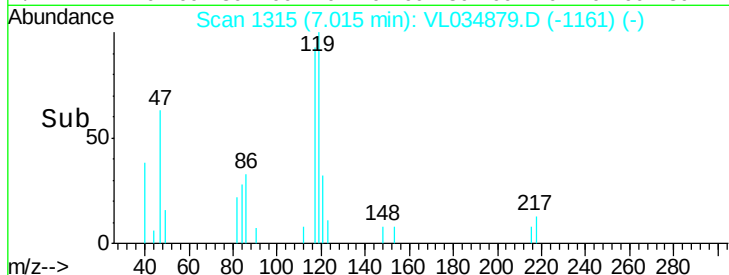
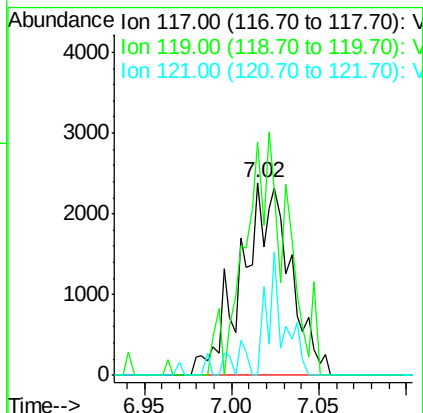
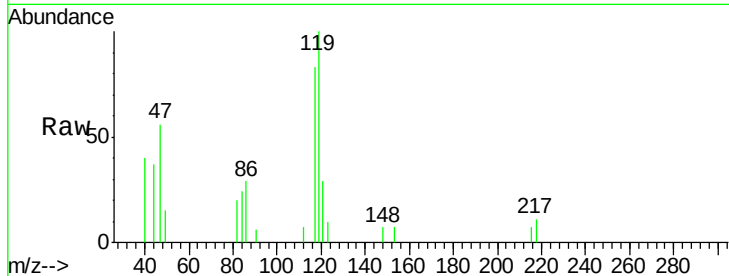
ClientSampleId :

MDL-AIR-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
117	100		
119	121.1	77.0	115.4#
121	0.0	24.0	36.0#

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#38

Trichloroethene

Concen: 0.036 ppbv m

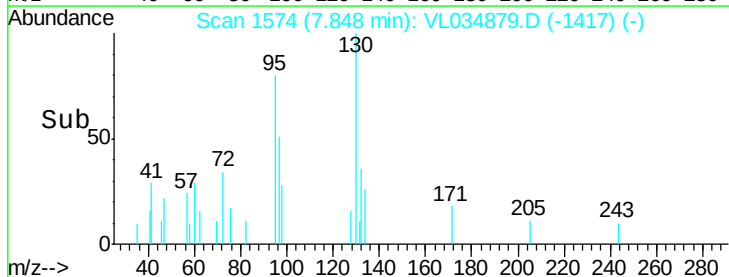
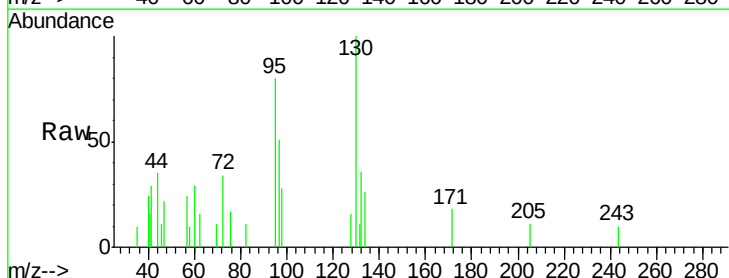
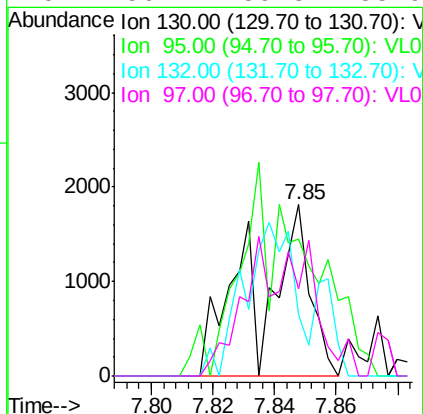
RT: 7.85 min Scan# 1574

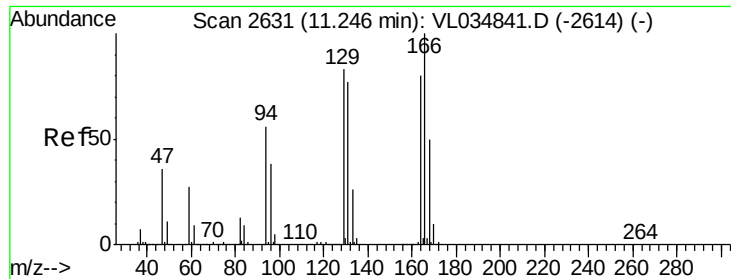
Delta R.T. 0.00 min

Lab File: VL034879.D

Acq: 10 Mar 2020 23:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	80.1	88.5	132.7#
132	35.9	78.0	117.0#
97	50.7	59.3	88.9#





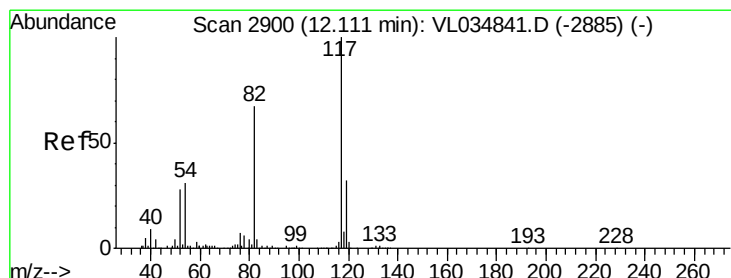
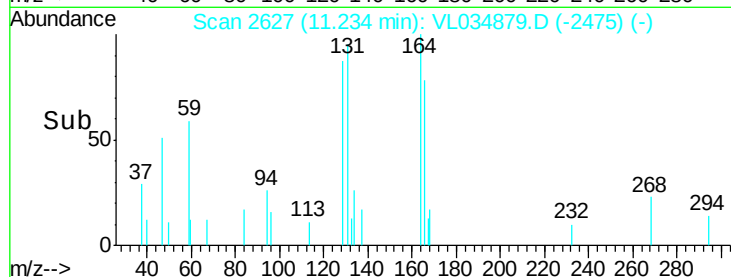
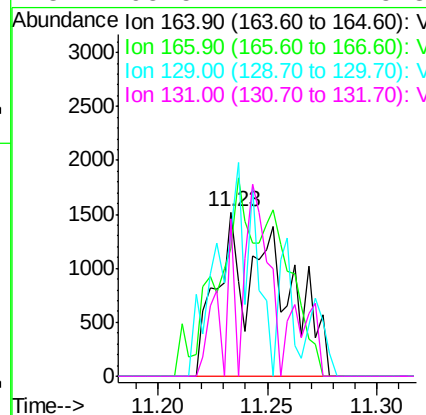
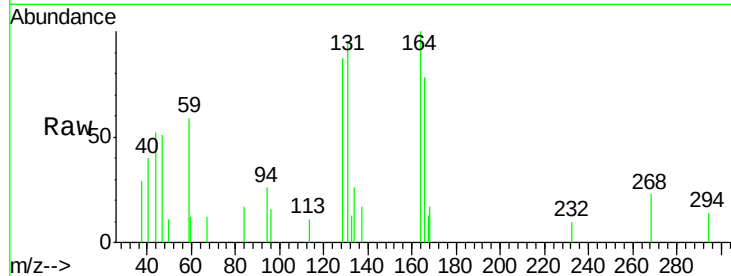
#52
Tetrachloroethene
Concen: 0.045 ppbv m
RT: 11.23 min Scan# 2627
Delta R.T. -0.01 min
Lab File: VL034879.D
Acq: 10 Mar 2020 23:27

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
164	100		
166	77.6	100.0	150.0#
129	87.3	83.1	124.7
131	95.5	77.2	115.8

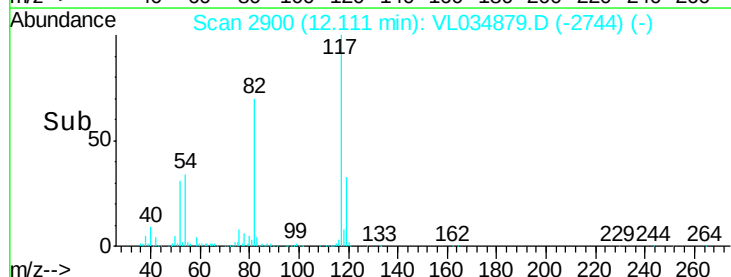
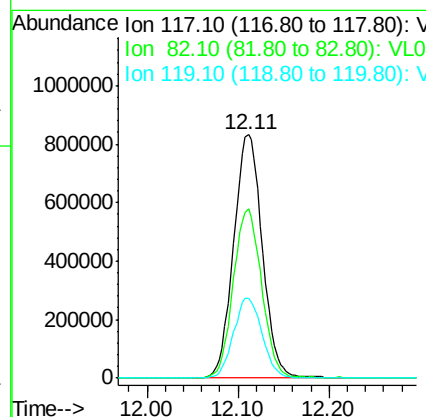
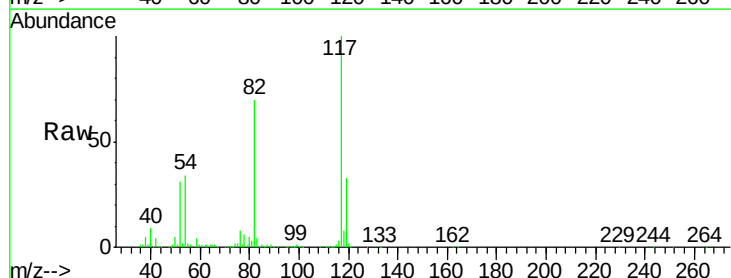
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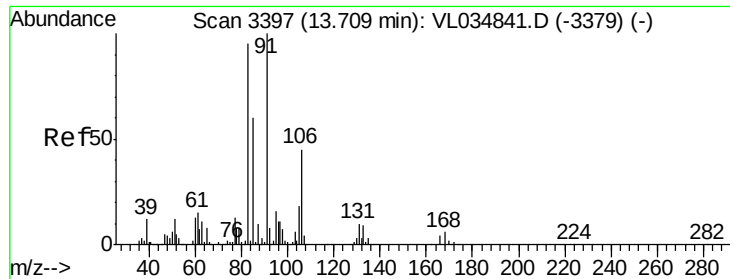
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL034879.D
Acq: 10 Mar 2020 23:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.3	51.1	76.7
119	33.1	27.3	40.9





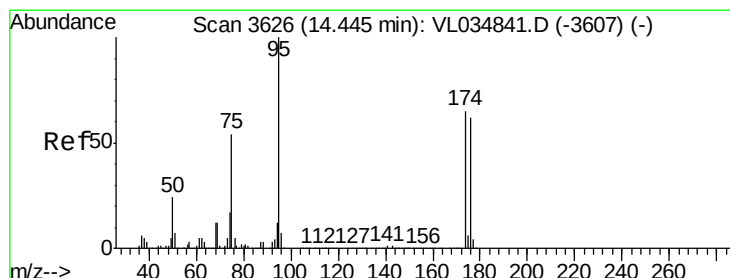
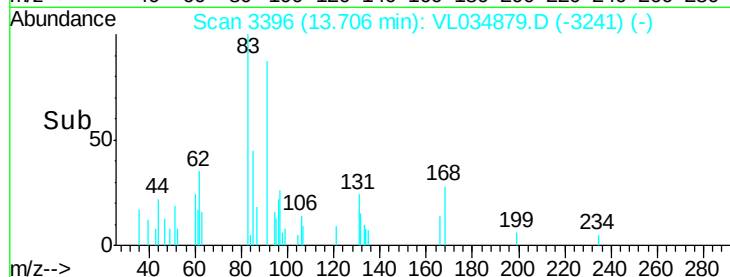
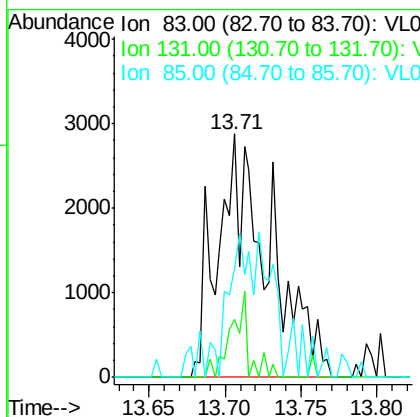
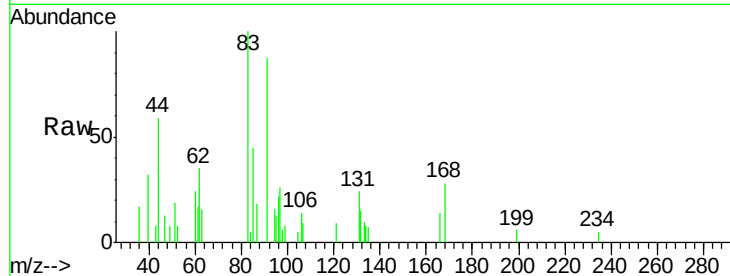
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.049 ppbv m
 RT: 13.71 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VL034879.D
 Acq: 10 Mar 2020 23:27

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.0	14.9
85	0.0	32.4	97.2#

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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.470 ppbv
 RT: 14.45 min Scan# 3627
 Delta R.T. 0.00 min
 Lab File: VL034879.D
 Acq: 10 Mar 2020 23:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.1	55.2	82.8
175	4.9	4.3	6.5

