

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
 Data File : VL036297.D
 Acq On : 3 Feb 2021 17:19
 Operator : SY/AP
 Sample : M1295-01DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INFLUENTDL

Manual Integrations
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Quant Time: Feb 04 01:47:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.690	49	1597046	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.201	114	3448886	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.118	117	3164463	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.452	95	2630817	10.04	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%
Target Compounds						
						Qvalue
13) Ethanol	3.636	45	50495m	3.44	ppbv	
31) cis-1,2-Dichloroethene	5.565	61	23576m	0.15	ppbv	
38) Trichloroethene	7.861	130	18895m	0.16	ppbv	
52) Tetrachloroethene	11.259	164	257137	2.21	ppbv	94
53) Toluene	9.835	91	74327	0.21	ppbv	98

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

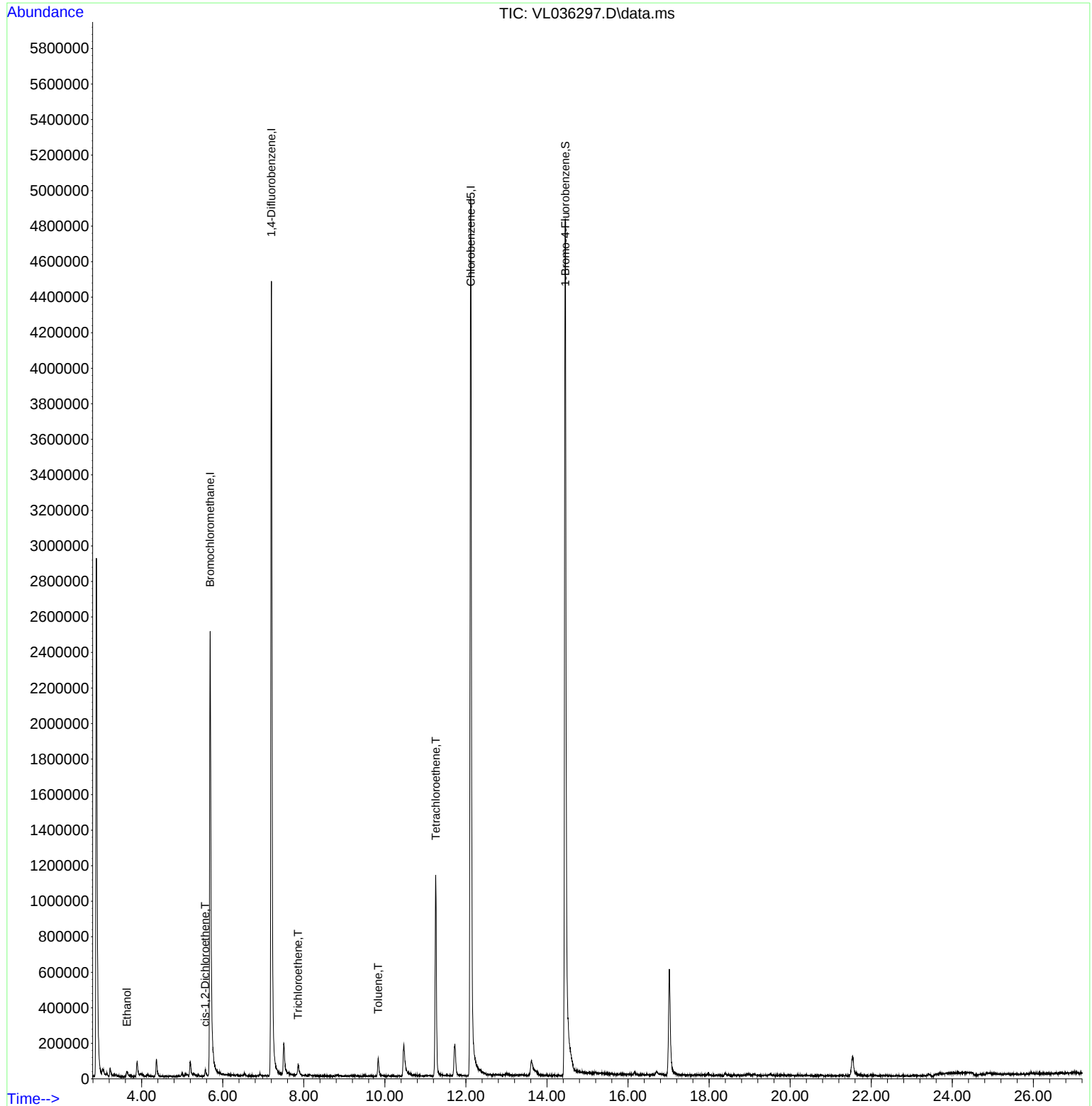
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
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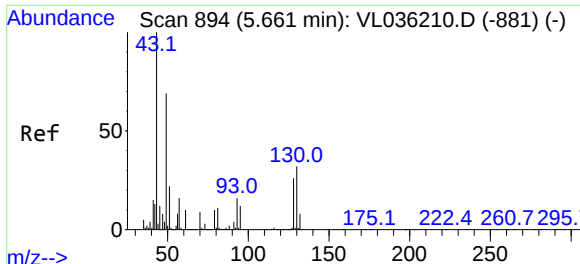
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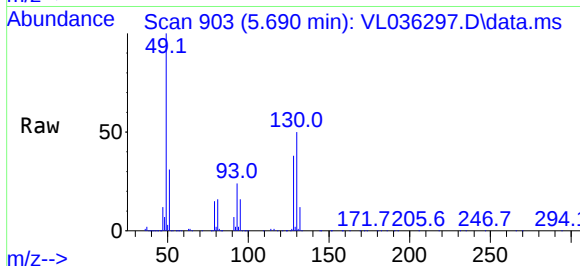
Quant Time: Feb 04 01:47:09 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.029 min
Lab File: VL036297.D
Acq: 3 Feb 2021 17:19

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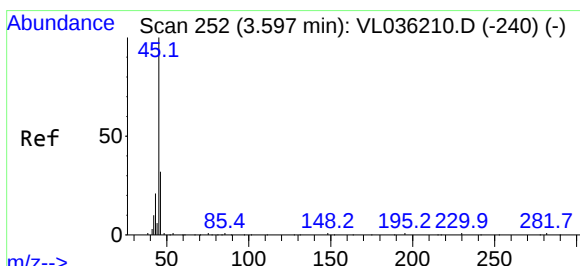
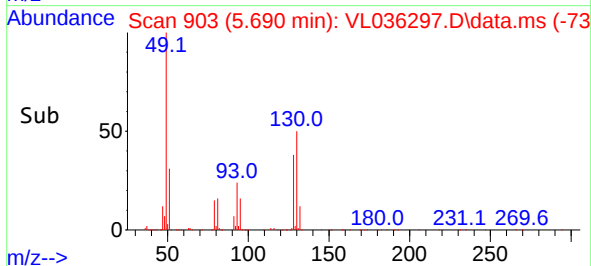
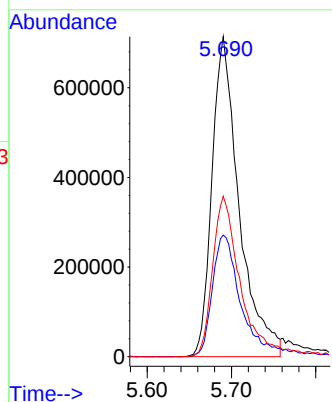


Tgt Ion: 49 Resp: 1597046

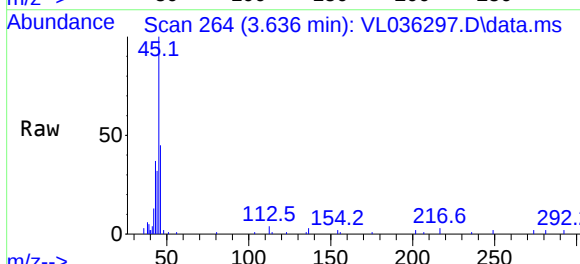
Ion	Ratio	Lower	Upper
49	100		
128	41.2	20.1	60.2
130	52.6	25.3	75.9

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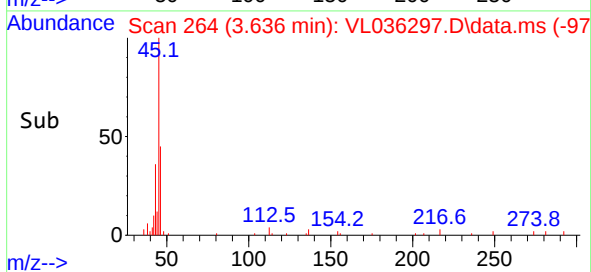
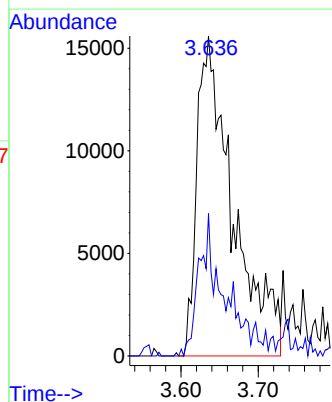


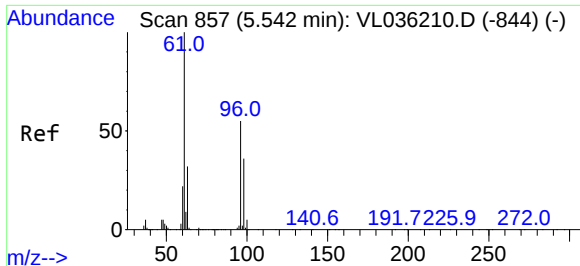
#13
Ethanol
Concen: 3.44 ppbv m
RT: 3.636 min Scan# 264
Delta R.T. 0.039 min
Lab File: VL036297.D
Acq: 3 Feb 2021 17:19



Tgt Ion: 45 Resp: 50495

Ion	Ratio	Lower	Upper
45	100		
46	29.0	19.2	77.0





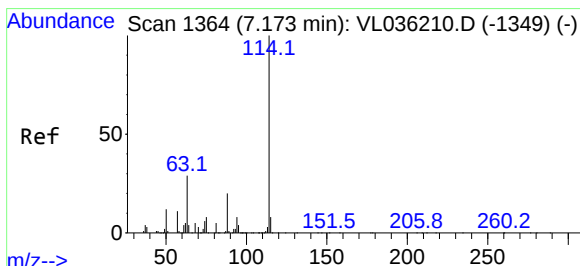
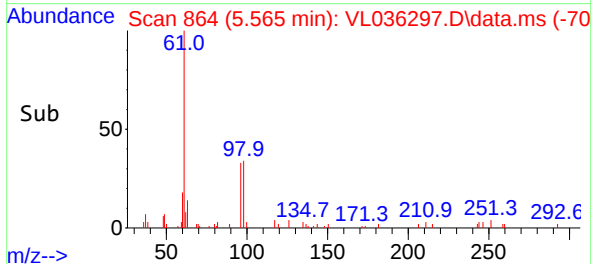
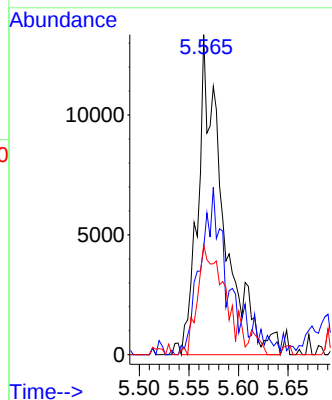
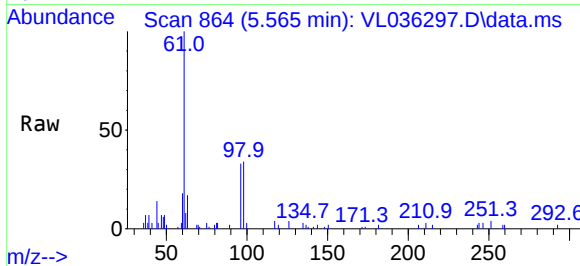
#31
cis-1,2-Dichloroethene
Concen: 0.15 ppbv m
RT: 5.565 min Scan# 864
Delta R.T. 0.022 min
Lab File: VL036297.D
Acq: 3 Feb 2021 17:19

Tgt Ion: 61 Resp: 23576
Ion Ratio Lower Upper
61 100
96 33.4 44.1 66.1#
98 34.4 28.6 42.8

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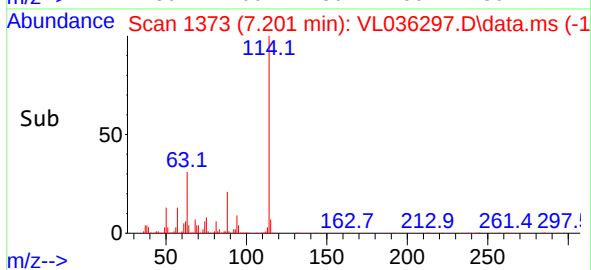
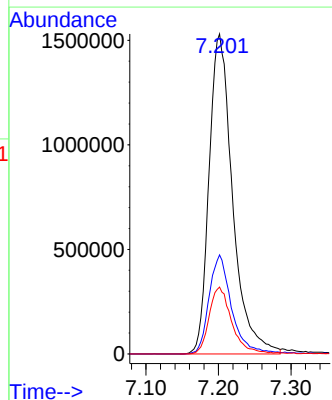
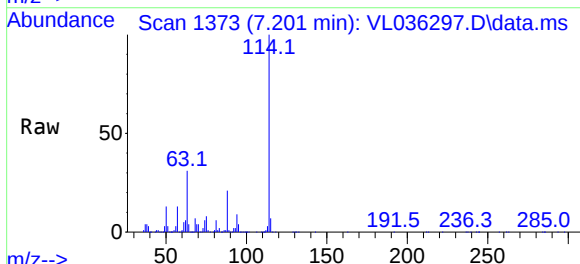
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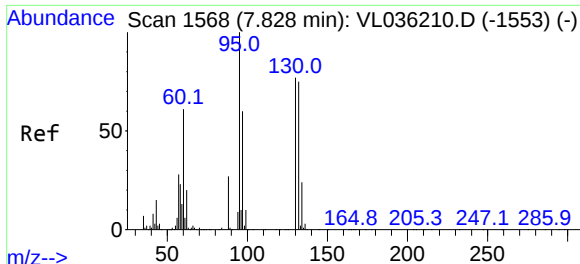
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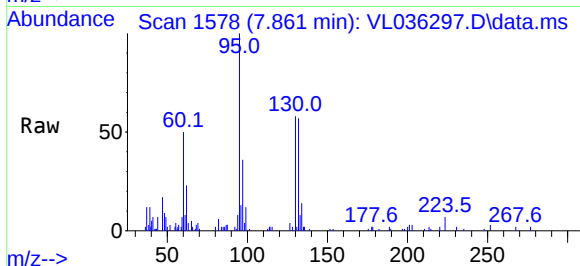
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.201 min Scan# 1373
Delta R.T. 0.029 min
Lab File: VL036297.D
Acq: 3 Feb 2021 17:19

Tgt Ion: 114 Resp: 3448886
Ion Ratio Lower Upper
114 100
63 30.4 24.7 37.1
88 20.4 16.6 24.8

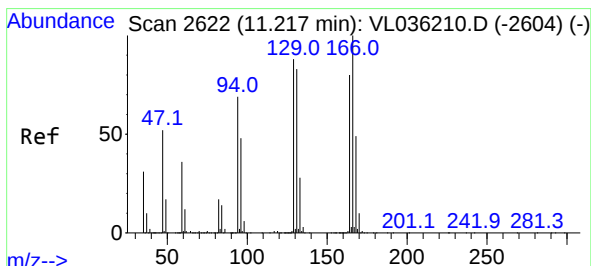
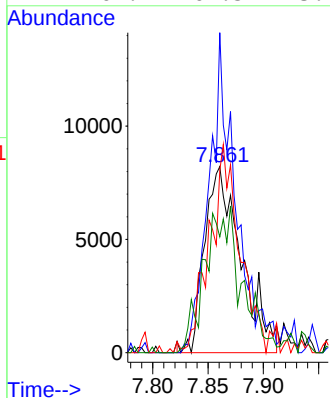
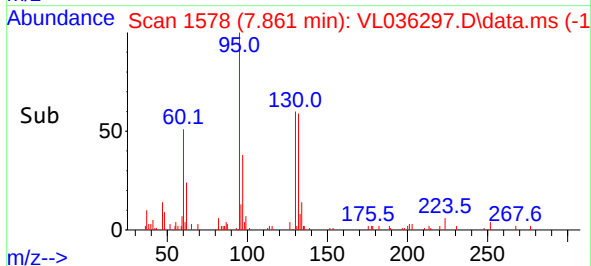




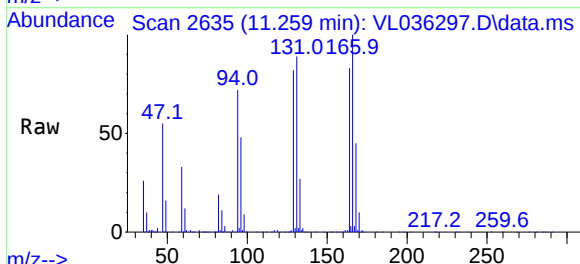
#38
Trichloroethene
Concen: 0.16 ppbv m
RT: 7.861 min Scan# 1578
Delta R.T. 0.032 min
Lab File: VL036297.D
Acq: 3 Feb 2021 17:19



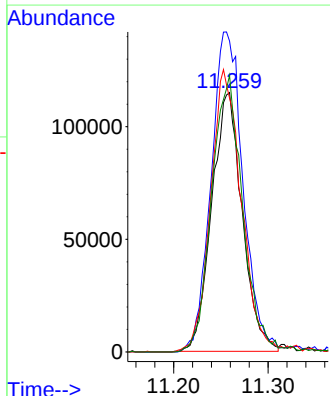
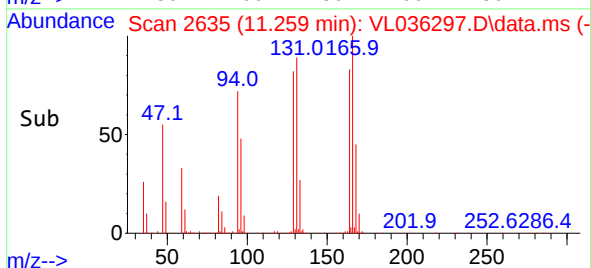
Tgt Ion:130 Resp: 18895
Ion Ratio Lower Upper
130 100
95 171.9 103.9 155.9#
132 98.0 77.4 116.2
97 62.2 62.5 93.7#



#52
Tetrachloroethene
Concen: 2.21 ppbv
RT: 11.259 min Scan# 2635
Delta R.T. 0.042 min
Lab File: VL036297.D
Acq: 3 Feb 2021 17:19



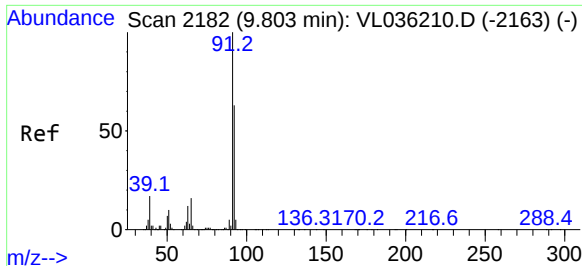
Tgt Ion:164 Resp: 257137
Ion Ratio Lower Upper
164 100
166 120.1 99.9 149.9
129 97.4 88.2 132.4
131 106.7 83.0 124.6



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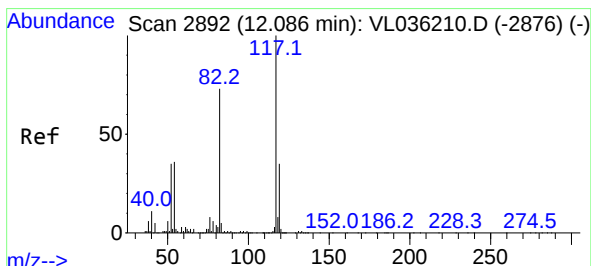
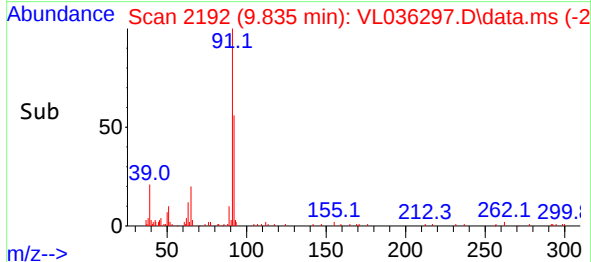
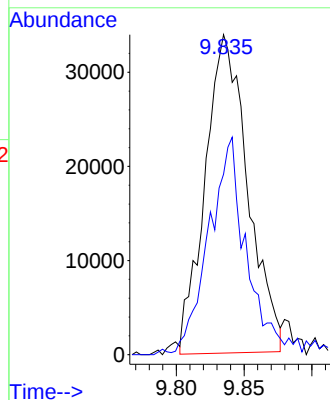
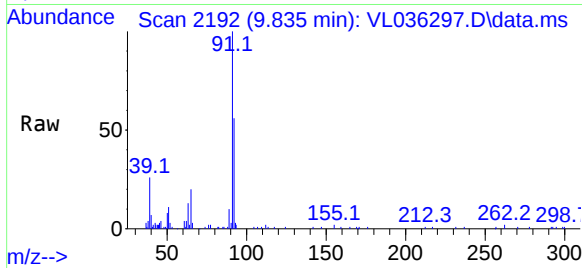
#53
Toluene
Concen: 0.21 ppbv
RT: 9.835 min Scan# 2192
Delta R.T. 0.032 min
Lab File: VL036297.D
Acq: 3 Feb 2021 17:19

Tgt Ion: 91 Resp: 74327
Ion Ratio Lower Upper
91 100
92 62.0 48.5 72.7

Instrument :
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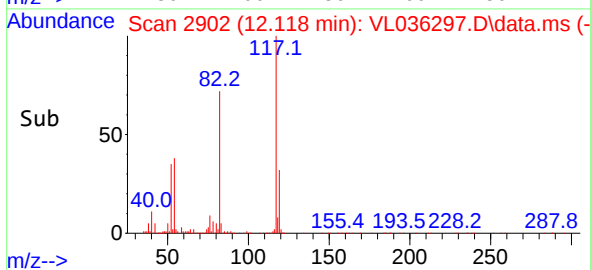
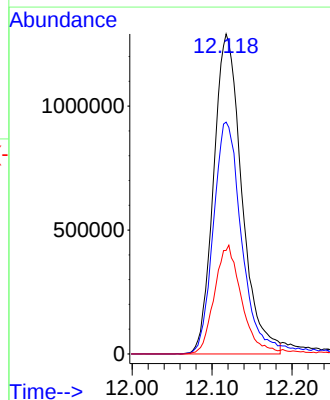
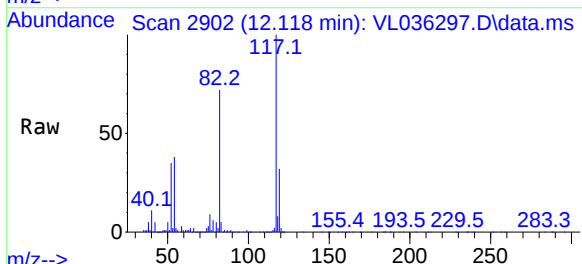
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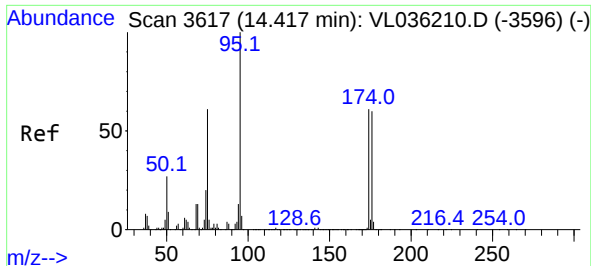
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#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. 0.032 min
Lab File: VL036297.D
Acq: 3 Feb 2021 17:19

Tgt Ion: 117 Resp: 3164463
Ion Ratio Lower Upper
117 100
82 76.2 59.7 89.5
119 33.5 28.6 43.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.04 ppbv
 RT: 14.452 min Scan# 3628
 Delta R.T. 0.035 min
 Lab File: VL036297.D
 Acq: 3 Feb 2021 17:19

Tgt Ion: 95 Resp: 2630817

Ion	Ratio	Lower	Upper
95	100		
174	63.4	49.4	74.0
175	4.5	3.8	5.8

Instrument :
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