

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
 Data File : VL036296.D
 Acq On : 3 Feb 2021 16:40
 Operator : SY/AP
 Sample : M1295-02 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFFLUENT

Manual Integrations
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Quant Time: Feb 04 01:46:58 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	5.693	49	1659153	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.205	114	3443273	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.118	117	3153542	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.452	95	2631038	10.08	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%
Target Compounds						
						Qvalue
9) Propene	3.044	41	11595m	0.12	ppbv	
13) Ethanol	3.642	45	56691m	3.72	ppbv	
15) Acetone	3.886	43	119545m	0.59	ppbv	
20) Methylene Chloride	4.372	84	46361m	0.71	ppbv	
26) Hexane	5.722	57	23991m	0.14	ppbv	
31) cis-1,2-Dichloroethene	5.581	61	29499m	0.18	ppbv	
34) 2-Butanone	5.292	43	29436m	0.12	ppbv	
52) Tetrachloroethene	11.259	164	15971m	0.14	ppbv	
53) Toluene	9.841	91	68817	0.19	ppbv	96

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

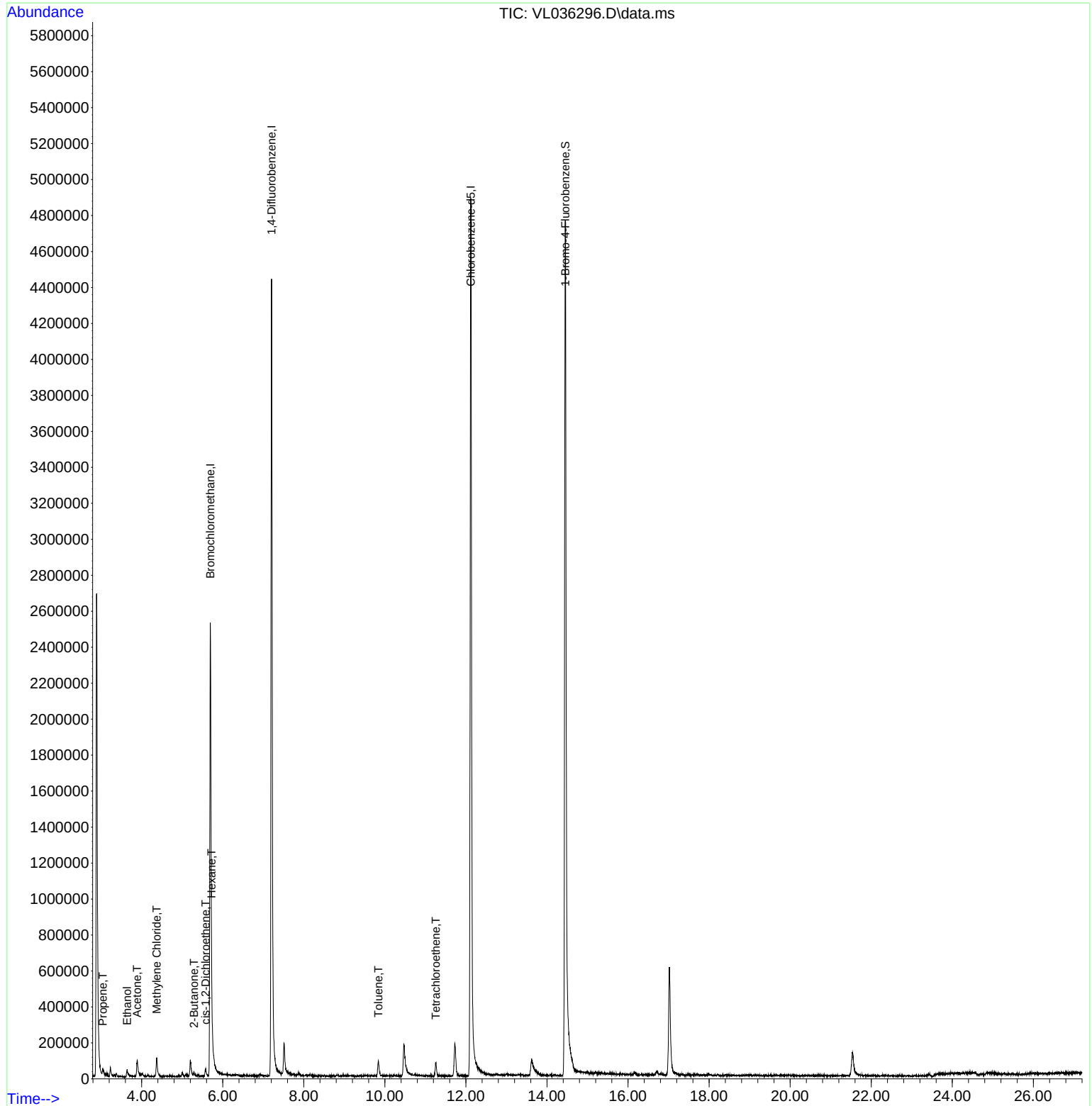
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
Data File : VL036296.D
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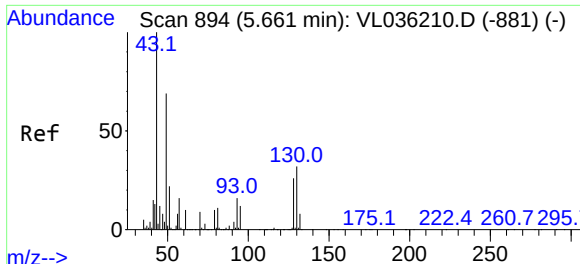
Instrument :
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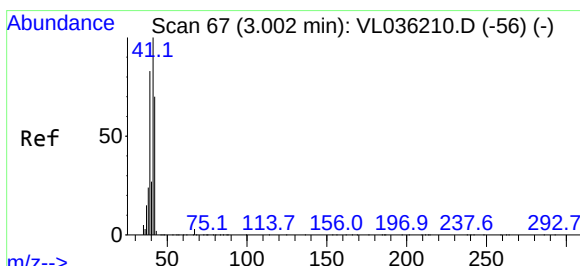
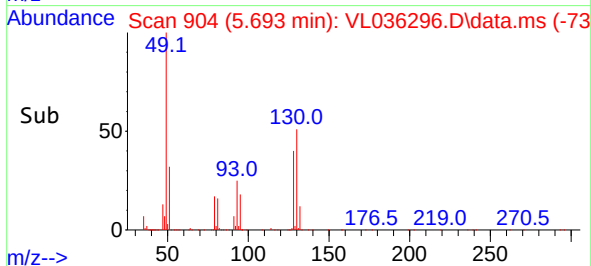
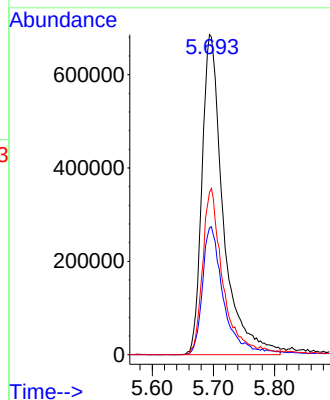
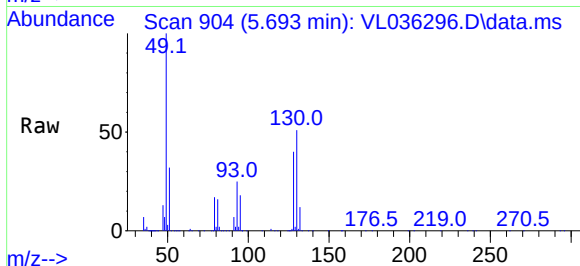
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.032 min
Lab File: VL036296.D
Acq: 3 Feb 2021 16:40

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 49 Resp: 1659153
Ion Ratio Lower Upper
49 100
128 40.5 20.1 60.2
130 50.1 25.3 75.9

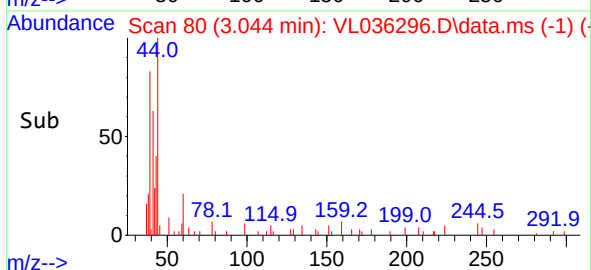
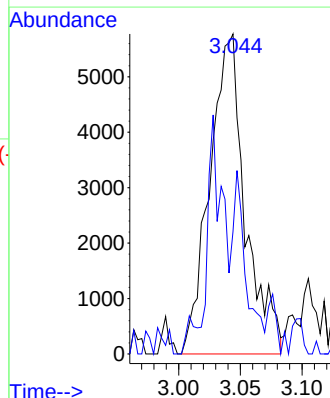
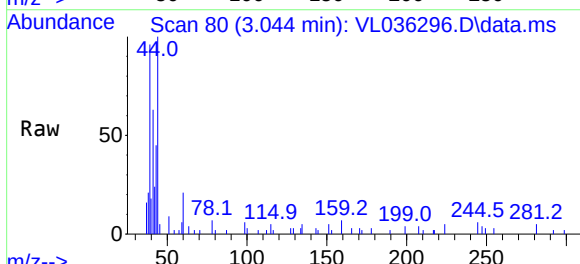
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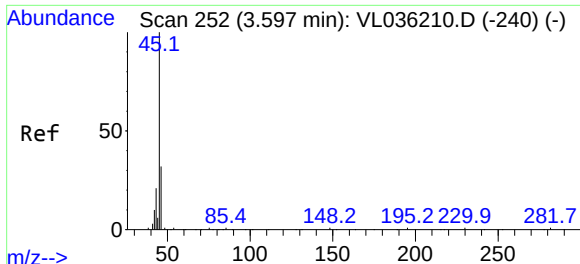
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#9
Propene
Concen: 0.12 ppbv m
RT: 3.044 min Scan# 80
Delta R.T. 0.042 min
Lab File: VL036296.D
Acq: 3 Feb 2021 16:40

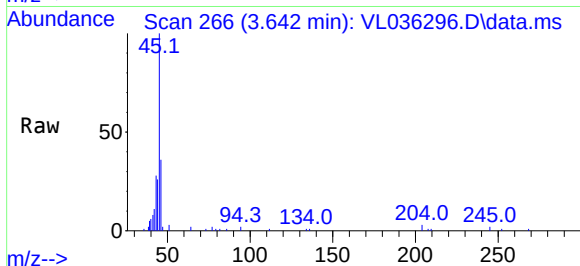
Tgt Ion: 41 Resp: 11595
Ion Ratio Lower Upper
41 100
42 64.2 57.1 85.7





#13
Ethanol
Concen: 3.72 ppbv m
RT: 3.642 min Scan# 266
Delta R.T. 0.045 min
Lab File: VL036296.D
Acq: 3 Feb 2021 16:40

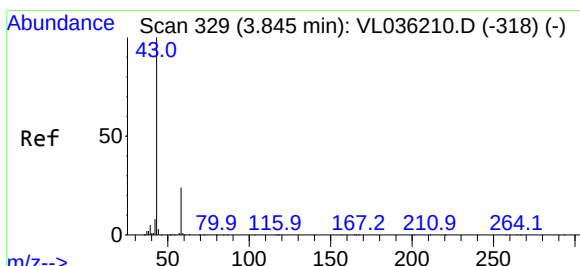
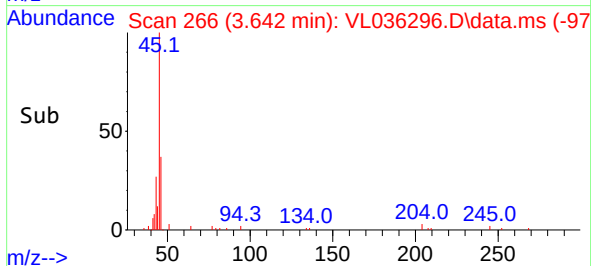
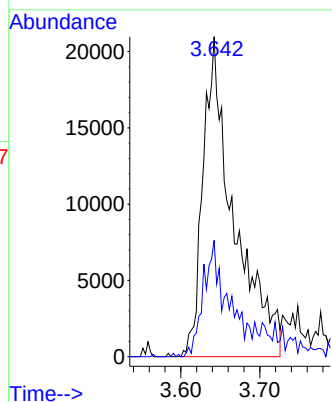
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Tgt Ion: 45 Resp: 56691
Ion Ratio Lower Upper
45 100
46 0.0 19.2 77.0#

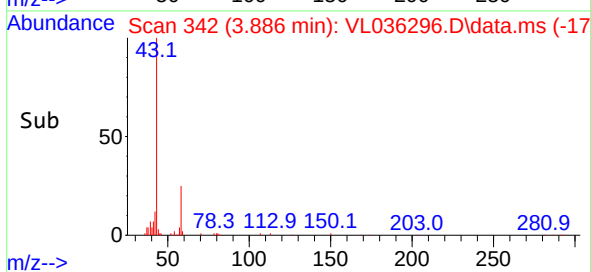
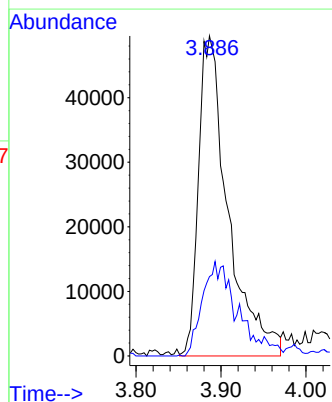
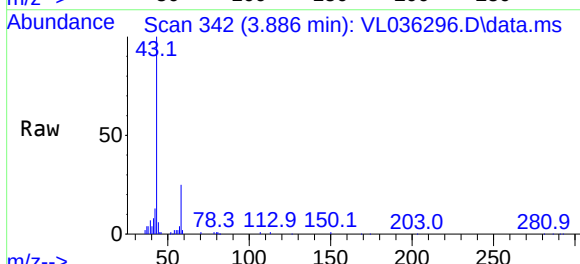
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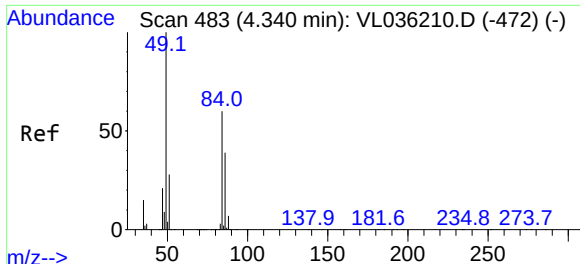
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#15
Acetone
Concen: 0.59 ppbv m
RT: 3.886 min Scan# 342
Delta R.T. 0.042 min
Lab File: VL036296.D
Acq: 3 Feb 2021 16:40

Tgt Ion: 43 Resp: 119545
Ion Ratio Lower Upper
43 100
58 0.0 20.9 31.3#





#20
Methylene Chloride
Concen: 0.71 ppbv m
RT: 4.372 min Scan# 493
Delta R.T. 0.032 min
Lab File: VL036296.D
Acq: 3 Feb 2021 16:40

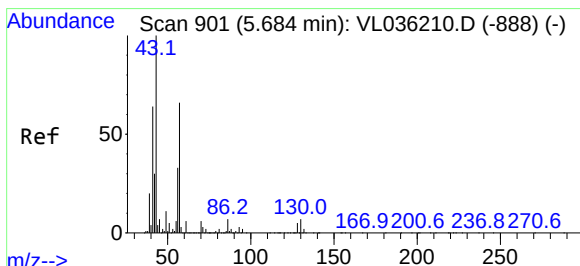
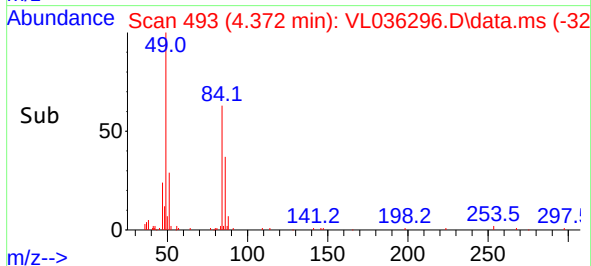
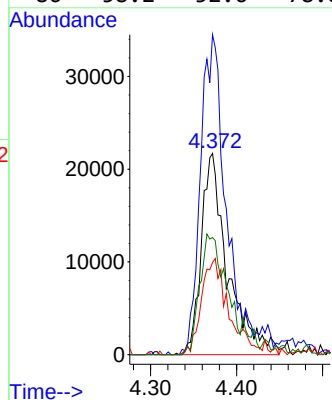
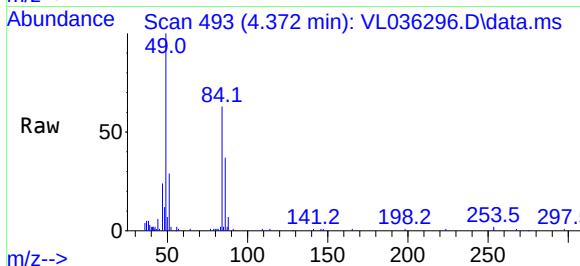
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 84 Resp: 46361

Ion	Ratio	Lower	Upper
84	100		
49	159.0	134.1	201.1
51	45.8	37.4	56.0
86	58.2	52.6	78.8

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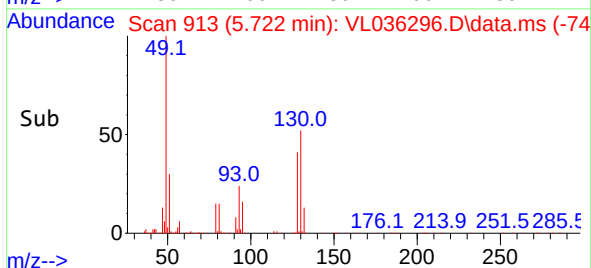
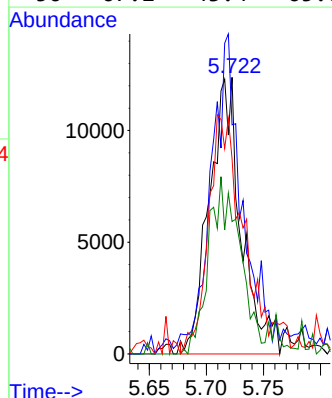
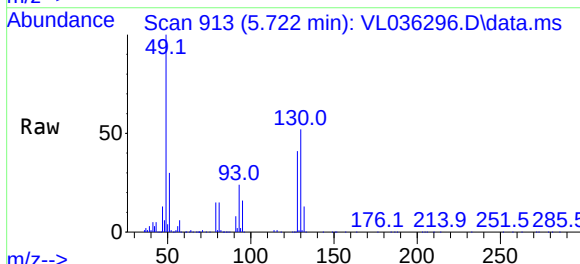
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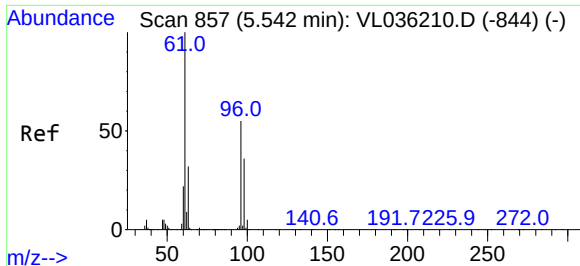


#26
Hexane
Concen: 0.14 ppbv m
RT: 5.722 min Scan# 913
Delta R.T. 0.039 min
Lab File: VL036296.D
Acq: 3 Feb 2021 16:40

Tgt Ion: 57 Resp: 23991

Ion	Ratio	Lower	Upper
57	100		
41	0.0	83.0	124.6#
43	99.7	202.4	303.6#
56	67.2	43.4	65.0#





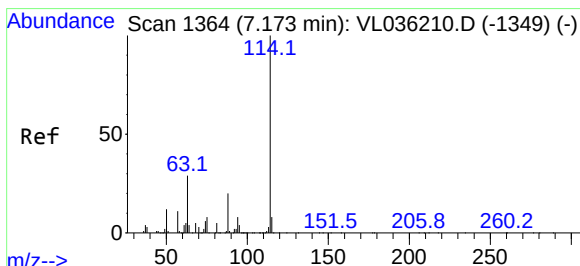
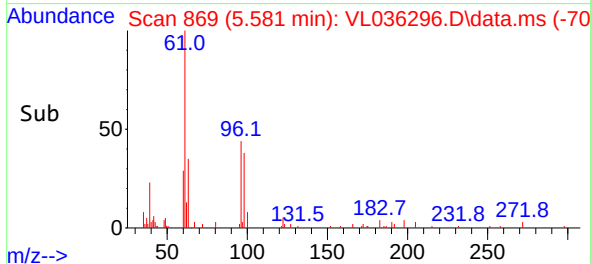
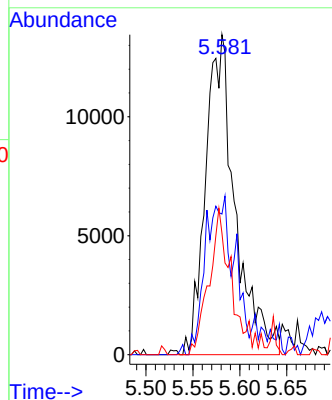
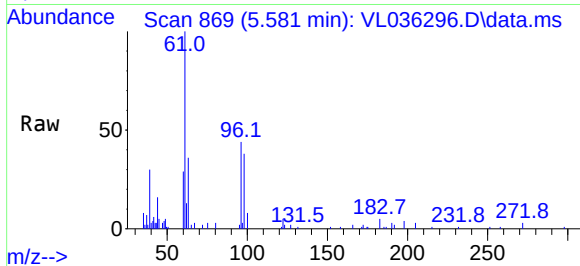
#31
cis-1,2-Dichloroethene
Concen: 0.18 ppbv m
RT: 5.581 min Scan# 869
Delta R.T. 0.039 min
Lab File: VL036296.D
Acq: 3 Feb 2021 16:40

Tgt Ion:	61	Resp:	29499
Ion	Ratio	Lower	Upper
61	100		
96	44.0	44.1	66.1#
98	38.0	28.6	42.8

Instrument :
MSVOA_L
ClientSampleId :
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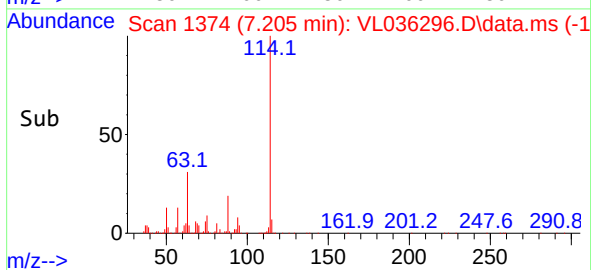
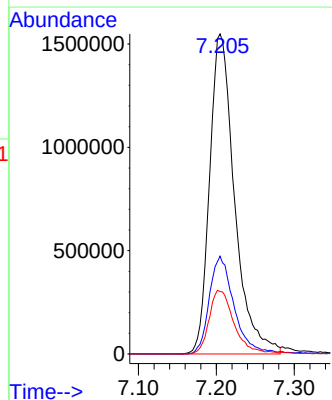
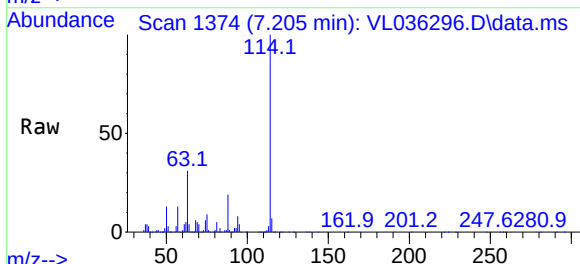
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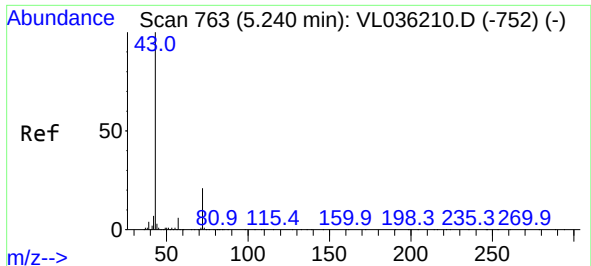
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.205 min Scan# 1374
Delta R.T. 0.032 min
Lab File: VL036296.D
Acq: 3 Feb 2021 16:40

Tgt Ion:	114	Resp:	3443273
Ion	Ratio	Lower	Upper
114	100		
63	31.0	24.7	37.1
88	20.2	16.6	24.8





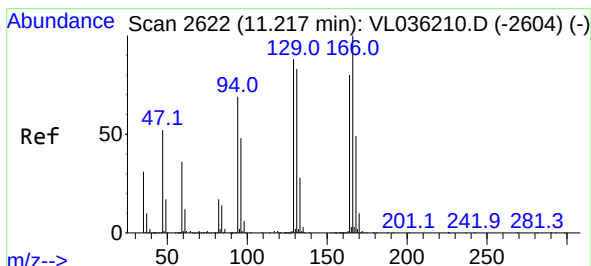
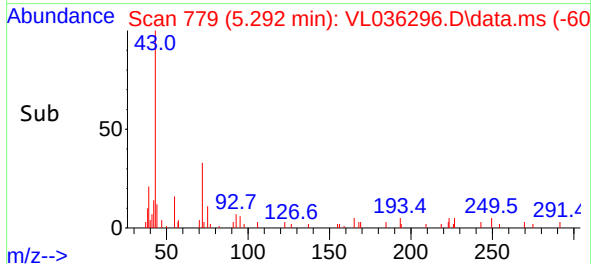
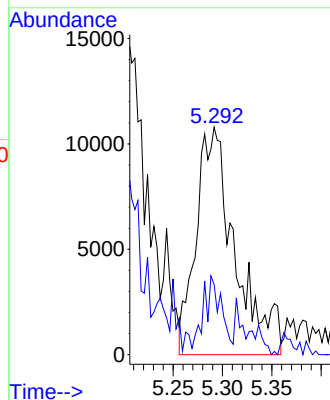
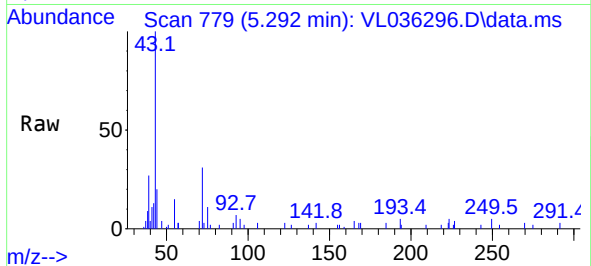
#34
2-Butanone
Concen: 0.12 ppbv m
RT: 5.292 min Scan# 779
Delta R.T. 0.051 min
Lab File: VL036296.D
Acq: 3 Feb 2021 16:40

Tgt Ion: 43 Resp: 29436
Ion Ratio Lower Upper
43 100
72 0.0 16.1 24.1#

Instrument :
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ClientSampleId :
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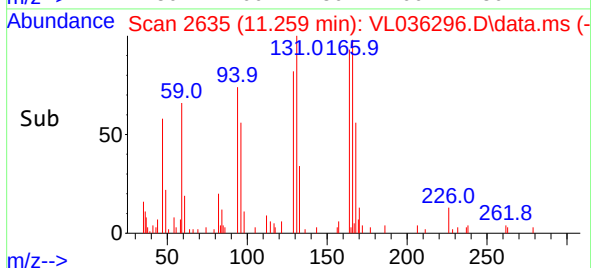
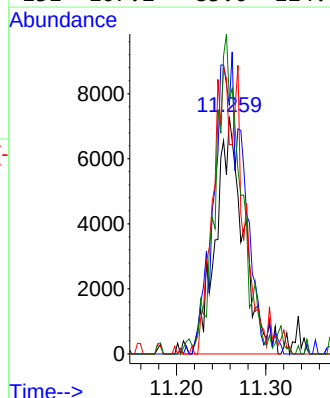
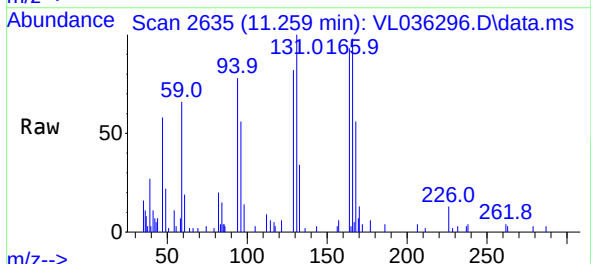
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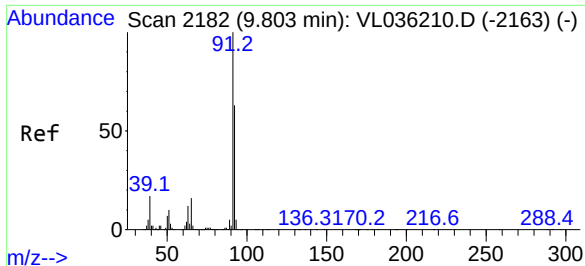
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#52
Tetrachloroethene
Concen: 0.14 ppbv m
RT: 11.259 min Scan# 2635
Delta R.T. 0.042 min
Lab File: VL036296.D
Acq: 3 Feb 2021 16:40

Tgt Ion: 164 Resp: 15971
Ion Ratio Lower Upper
164 100
166 104.8 99.9 149.9
129 88.3 88.2 132.4
131 107.2 83.0 124.6





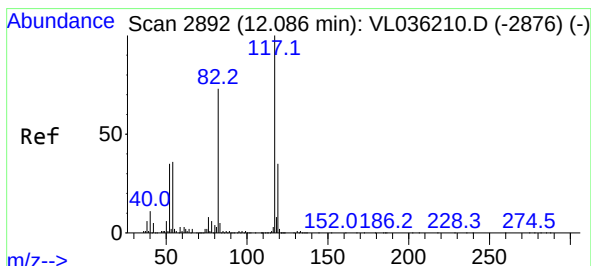
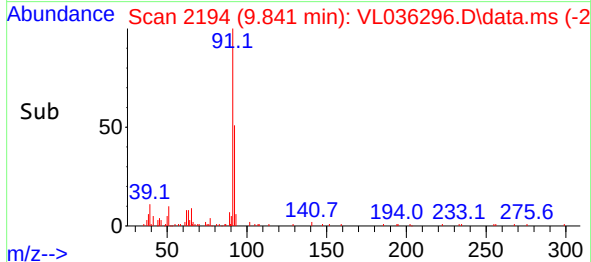
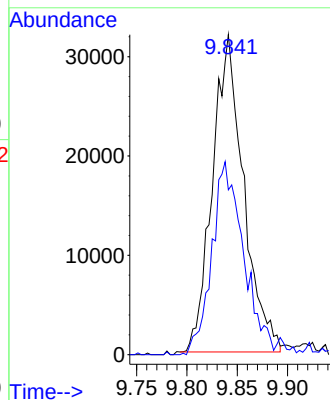
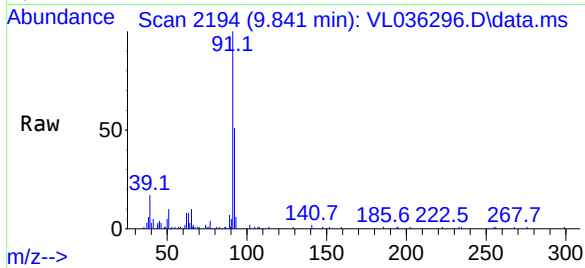
#53
Toluene
Concen: 0.19 ppbv
RT: 9.841 min Scan# 2194
Delta R.T. 0.039 min
Lab File: VL036296.D
Acq: 3 Feb 2021 16:40

Tgt Ion: 91 Resp: 68817
Ion Ratio Lower Upper
91 100
92 63.5 48.5 72.7

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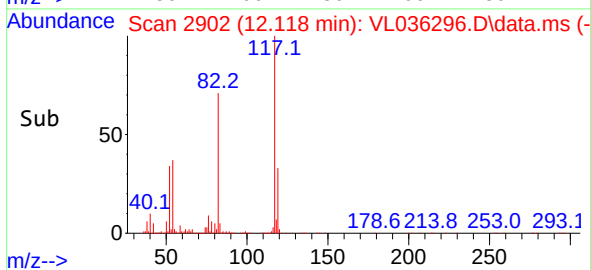
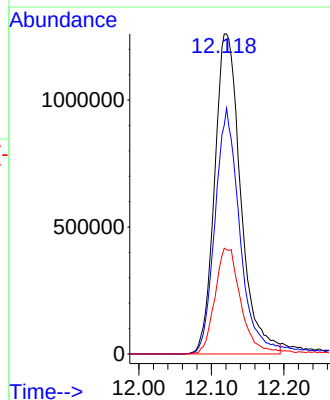
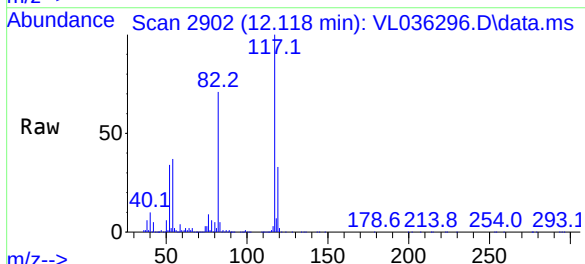
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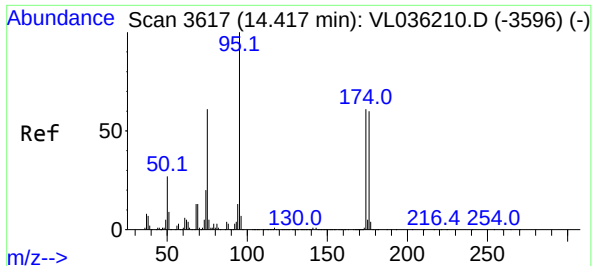
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#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. 0.032 min
Lab File: VL036296.D
Acq: 3 Feb 2021 16:40

Tgt Ion: 117 Resp: 3153542
Ion Ratio Lower Upper
117 100
82 76.0 59.7 89.5
119 33.5 28.6 43.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.08 ppbv
 RT: 14.452 min Scan# 3628
 Delta R.T. 0.035 min
 Lab File: VL036296.D
 Acq: 3 Feb 2021 16:40

Tgt Ion: 95 Resp: 2631038

Ion	Ratio	Lower	Upper
95	100		
174	61.6	49.4	74.0
175	4.5	3.8	5.8

Instrument :
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