

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
 Data File : VL036298.D
 Acq On : 3 Feb 2021 17:57
 Operator : SY/AP
 Sample : M1295-06 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-EFFLUENT

Manual Integrations
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Quant Time: Feb 04 01:47:20 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	1605321	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.201	114	3408282	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.118	117	3124447	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.449	95	2495752	9.65	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%
Target Compounds						
						Qvalue
9) Propene	3.038	41	12945m	0.14	ppbv	
13) Ethanol	3.636	45	25261m	1.71	ppbv	
15) Acetone	3.886	43	84250m	0.43	ppbv	
20) Methylene Chloride	4.366	84	58988	0.94	ppbv	99
26) Hexane	5.710	57	31741m	0.19	ppbv	
31) cis-1,2-Dichloroethene	5.574	61	127992	0.81	ppbv	94
34) 2-Butanone	5.285	43	35096m	0.14	ppbv	

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

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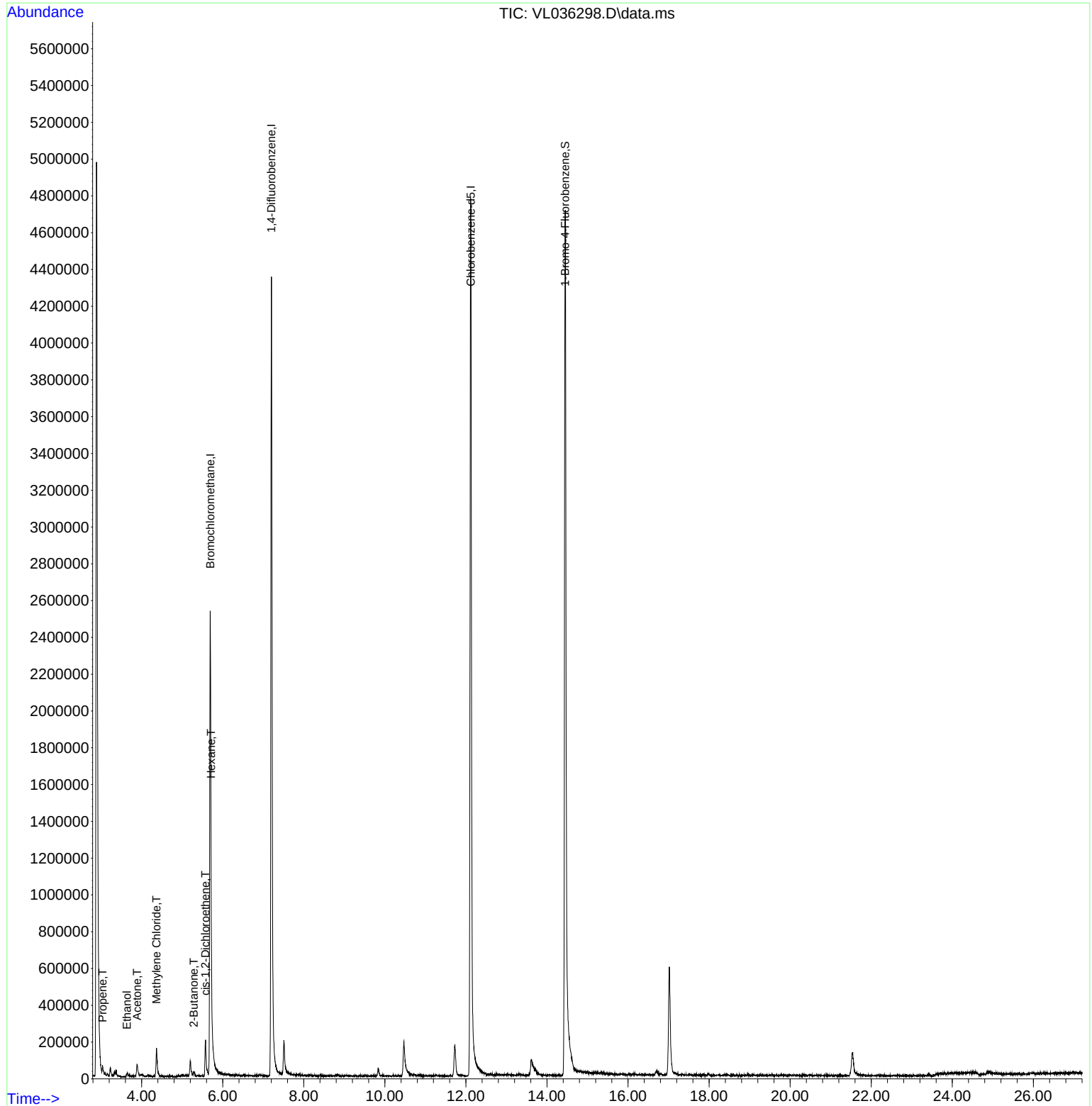
Quant Time: Feb 04 01:47:20 2021

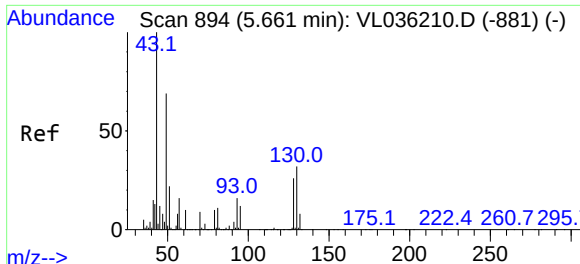
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M

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

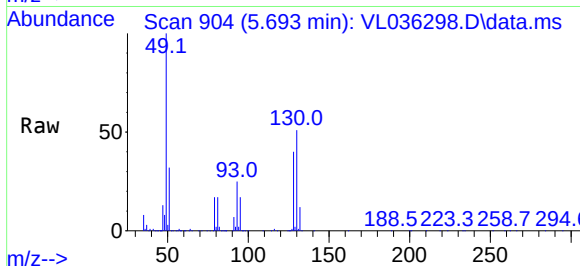
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.032 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-EFFLUENT

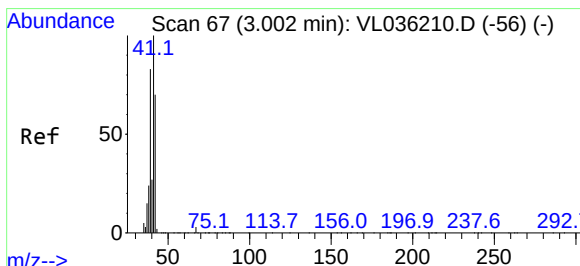
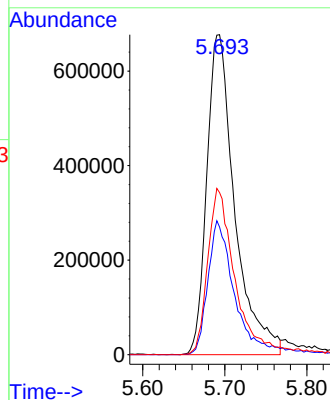
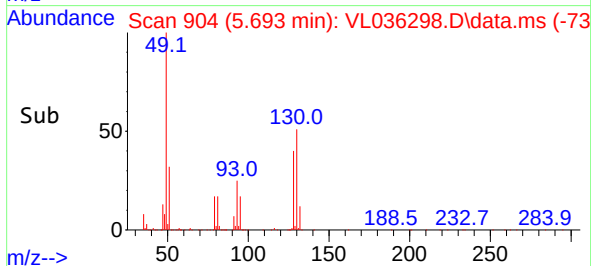


Tgt Ion: 49 Resp: 1605321

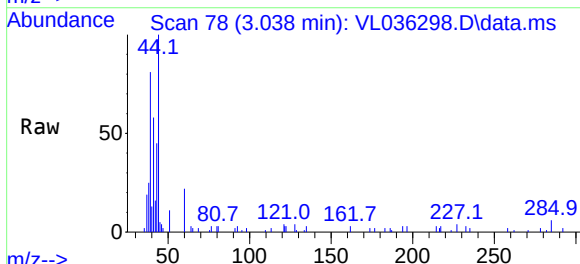
Ion	Ratio	Lower	Upper
49	100		
128	41.3	20.1	60.2
130	53.0	25.3	75.9

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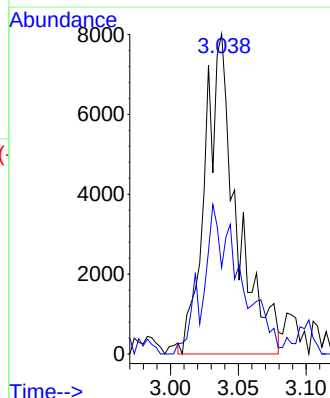
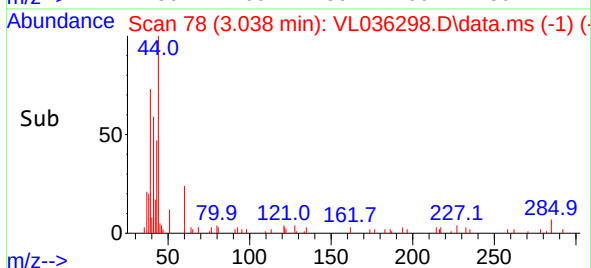


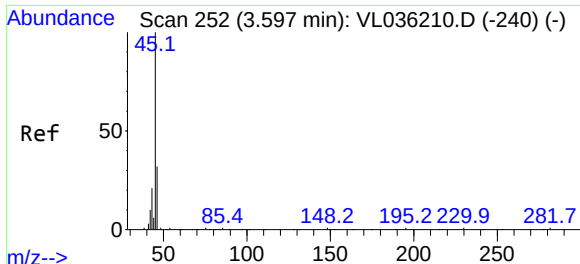
#9
Propene
Concen: 0.14 ppbv m
RT: 3.038 min Scan# 78
Delta R.T. 0.035 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57



Tgt Ion: 41 Resp: 12945

Ion	Ratio	Lower	Upper
41	100		
42	56.8	57.1	85.7#





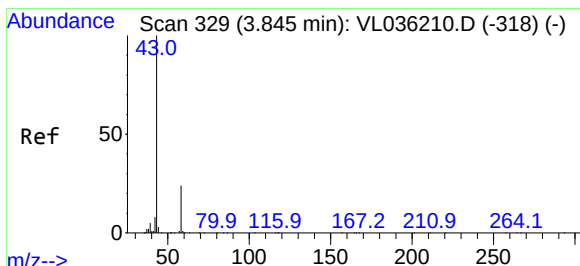
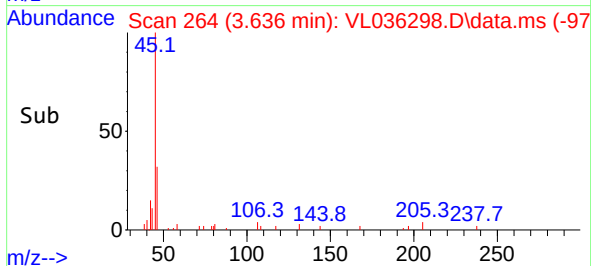
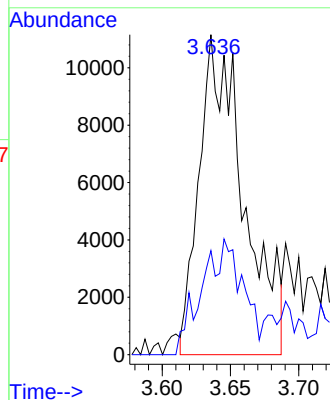
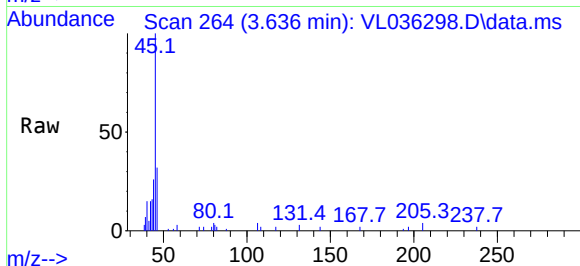
#13
Ethanol
Concen: 1.71 ppbv m
RT: 3.636 min Scan# 264
Delta R.T. 0.039 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Tgt Ion: 45 Resp: 25261
Ion Ratio Lower Upper
45 100
46 0.0 19.2 77.0#

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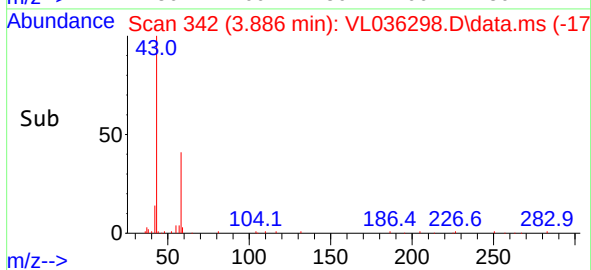
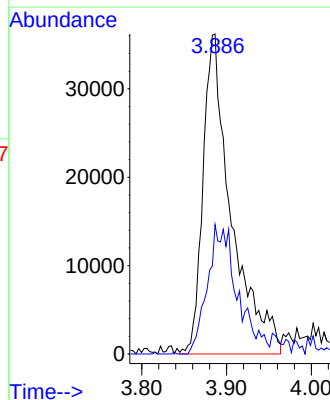
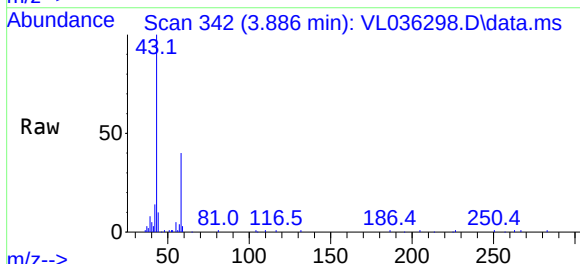
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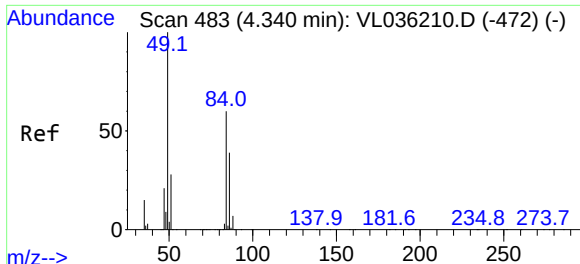
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#15
Acetone
Concen: 0.43 ppbv m
RT: 3.886 min Scan# 342
Delta R.T. 0.042 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

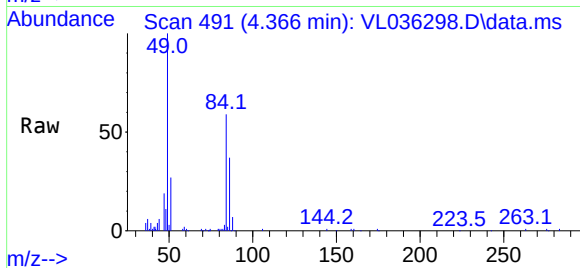
Tgt Ion: 43 Resp: 84250
Ion Ratio Lower Upper
43 100
58 42.4 20.9 31.3#





#20
Methylene Chloride
Concen: 0.94 ppbv
RT: 4.366 min Scan# 491
Delta R.T. 0.026 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

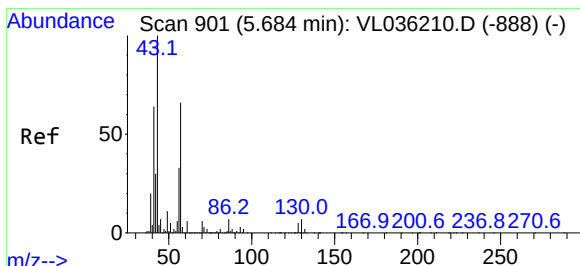
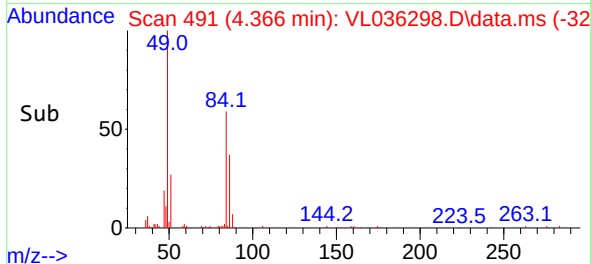
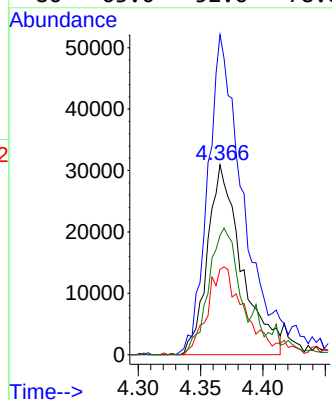
Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-EFFLUENT



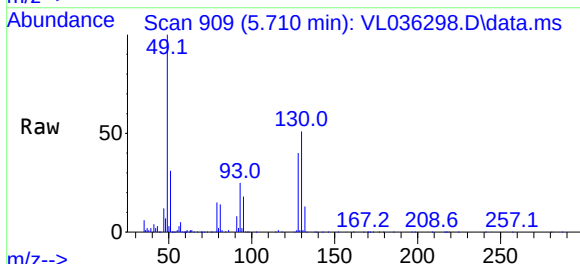
Tgt Ion:	84	Resp:	58988
Ion	Ratio	Lower	Upper
84	100		
49	167.2	134.1	201.1
51	44.9	37.4	56.0
86	63.0	52.6	78.8

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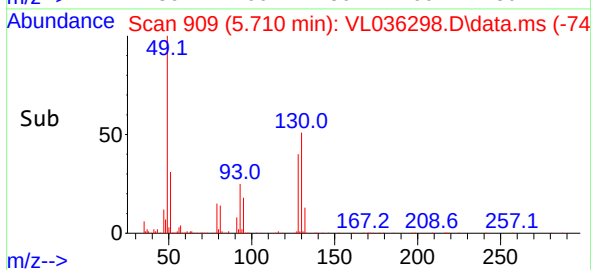
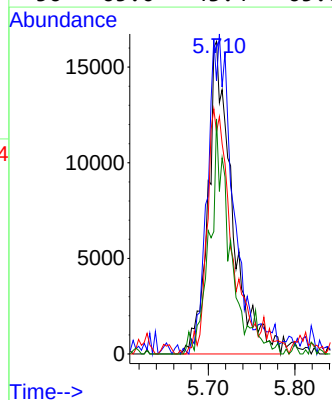
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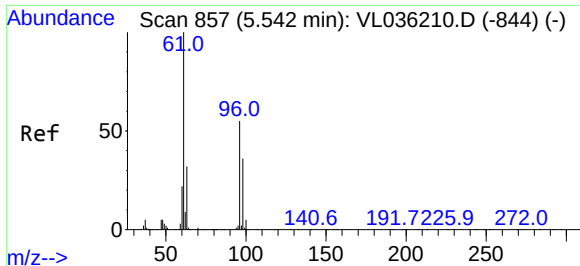


#26
Hexane
Concen: 0.19 ppbv m
RT: 5.710 min Scan# 909
Delta R.T. 0.026 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57



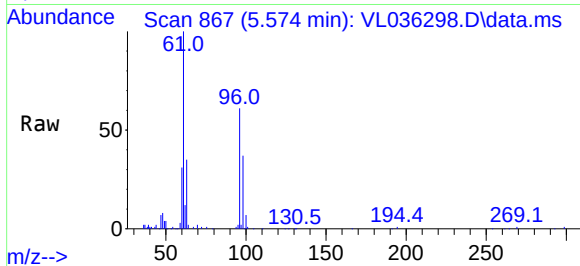
Tgt Ion:	57	Resp:	31741
Ion	Ratio	Lower	Upper
57	100		
41	111.5	83.0	124.6
43	83.5	202.4	303.6#
56	65.0	43.4	65.0





#31
cis-1,2-Dichloroethene
Concen: 0.81 ppbv
RT: 5.574 min Scan# 867
Delta R.T. 0.032 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

Instrument :
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ClientSampleId :
OFFSITE-DDC-EFFLUENT

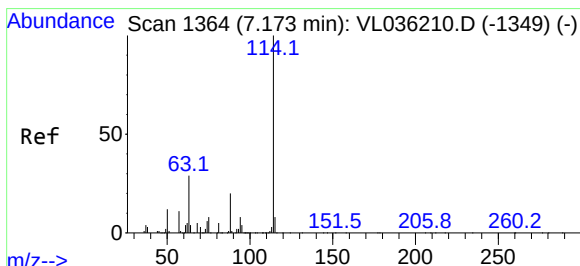
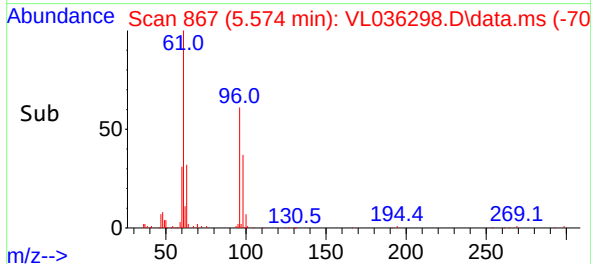
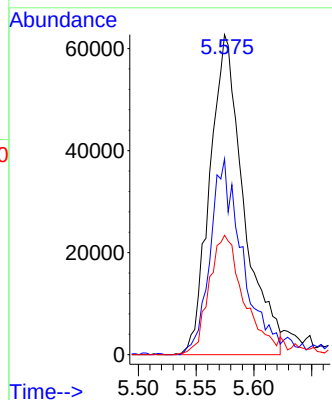


Tgt Ion: 61 Resp: 127992

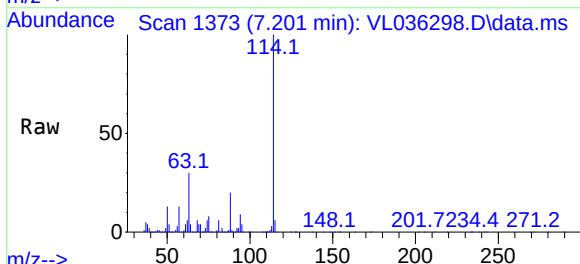
Ion	Ratio	Lower	Upper
61	100		
96	61.1	44.1	66.1
98	36.9	28.6	42.8

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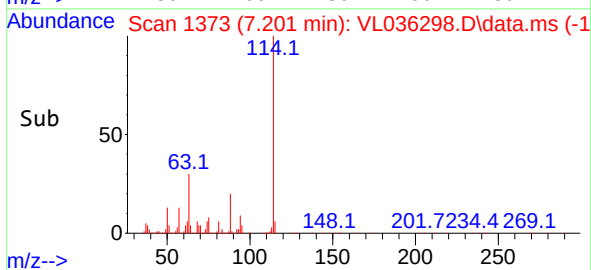
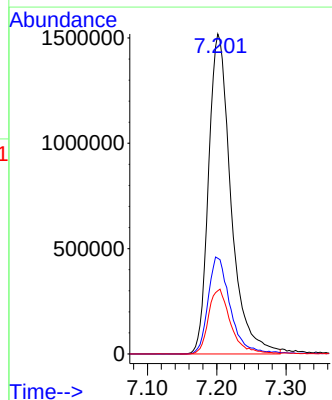


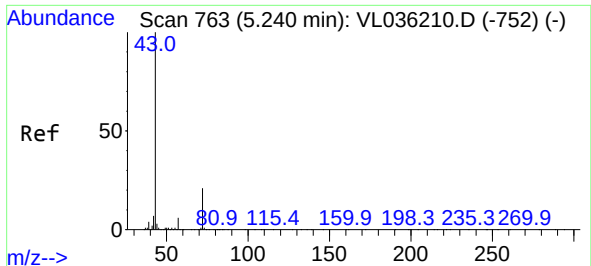
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.201 min Scan# 1373
Delta R.T. 0.029 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57



Tgt Ion: 114 Resp: 3408282

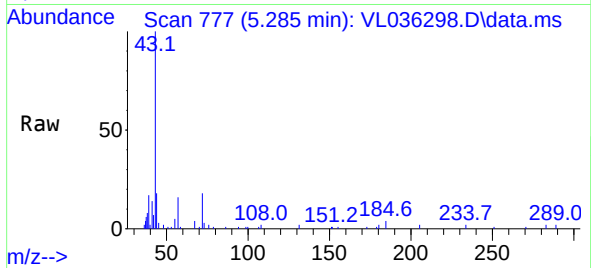
Ion	Ratio	Lower	Upper
114	100		
63	30.4	24.7	37.1
88	20.3	16.6	24.8





#34
2-Butanone
Concen: 0.14 ppbv m
RT: 5.285 min Scan# 777
Delta R.T. 0.045 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57

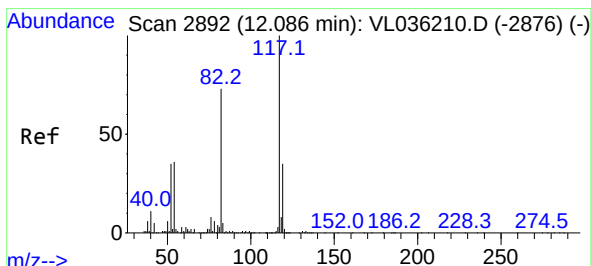
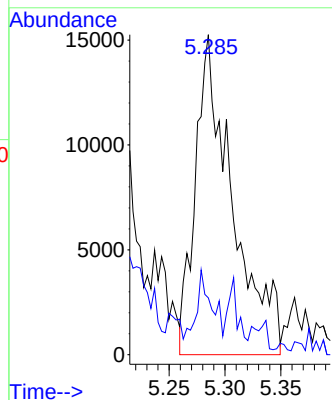
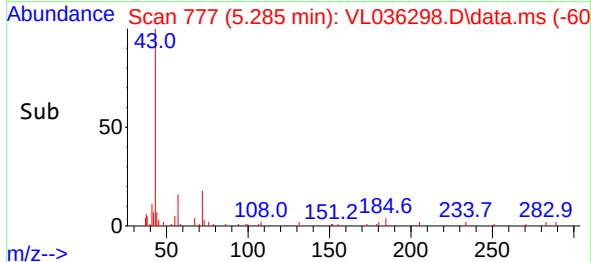
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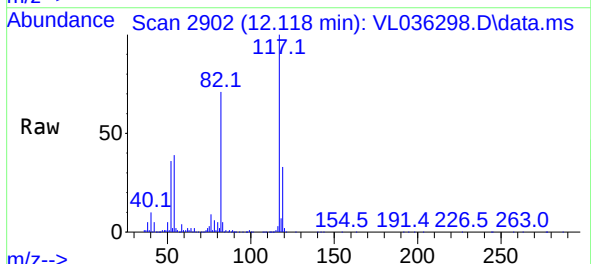
Tgt Ion: 43 Resp: 35096
Ion Ratio Lower Upper
43 100
72 0.0 16.1 24.1#

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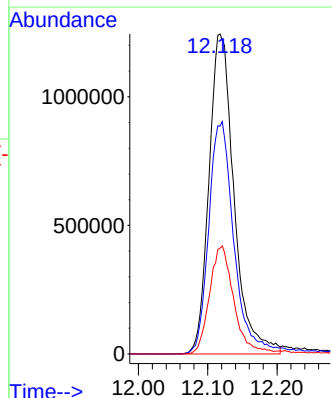
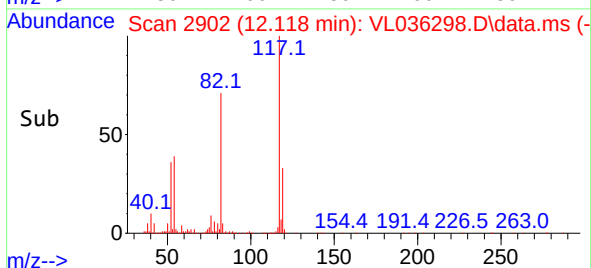
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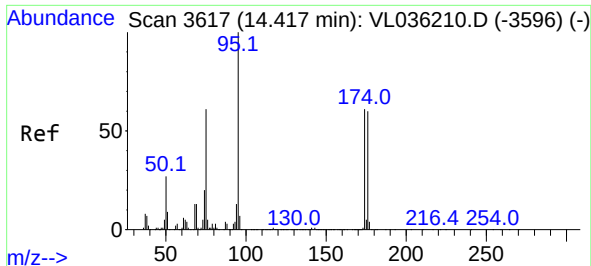


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. 0.032 min
Lab File: VL036298.D
Acq: 3 Feb 2021 17:57



Tgt Ion: 117 Resp: 3124447
Ion Ratio Lower Upper
117 100
82 76.1 59.7 89.5
119 33.4 28.6 43.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.65 ppbv
 RT: 14.449 min Scan# 3627
 Delta R.T. 0.032 min
 Lab File: VL036298.D
 Acq: 3 Feb 2021 17:57

Tgt Ion: 95 Resp: 2495752

Ion	Ratio	Lower	Upper
95	100		
174	66.0	49.4	74.0
175	4.7	3.8	5.8

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-EFFLUENT

Manual Integrations
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