

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
 Data File : VL036300.D
 Acq On : 3 Feb 2021 19:14
 Operator : SY/AP
 Sample : M1295-04 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-INTERMEDIATE-1

Manual Integrations
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Quant Time: Feb 04 01:47:42 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	1618915	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.198	114	3387552	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.114	117	3106453	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.446	95	2588076	10.07	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%
Target Compounds						
						Qvalue
9) Propene	3.031	41	16454m	0.17	ppbv	
13) Ethanol	3.626	45	58434m	3.93	ppbv	
15) Acetone	3.874	43	140363m	0.71	ppbv	
20) Methylene Chloride	4.366	84	47463m	0.75	ppbv	
26) Hexane	5.713	57	26595m	0.16	ppbv	
31) cis-1,2-Dichloroethene	5.565	61	19252m	0.12	ppbv	
34) 2-Butanone	5.279	43	108395m	0.43	ppbv	
53) Toluene	9.828	91	112389m	0.32	ppbv	

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

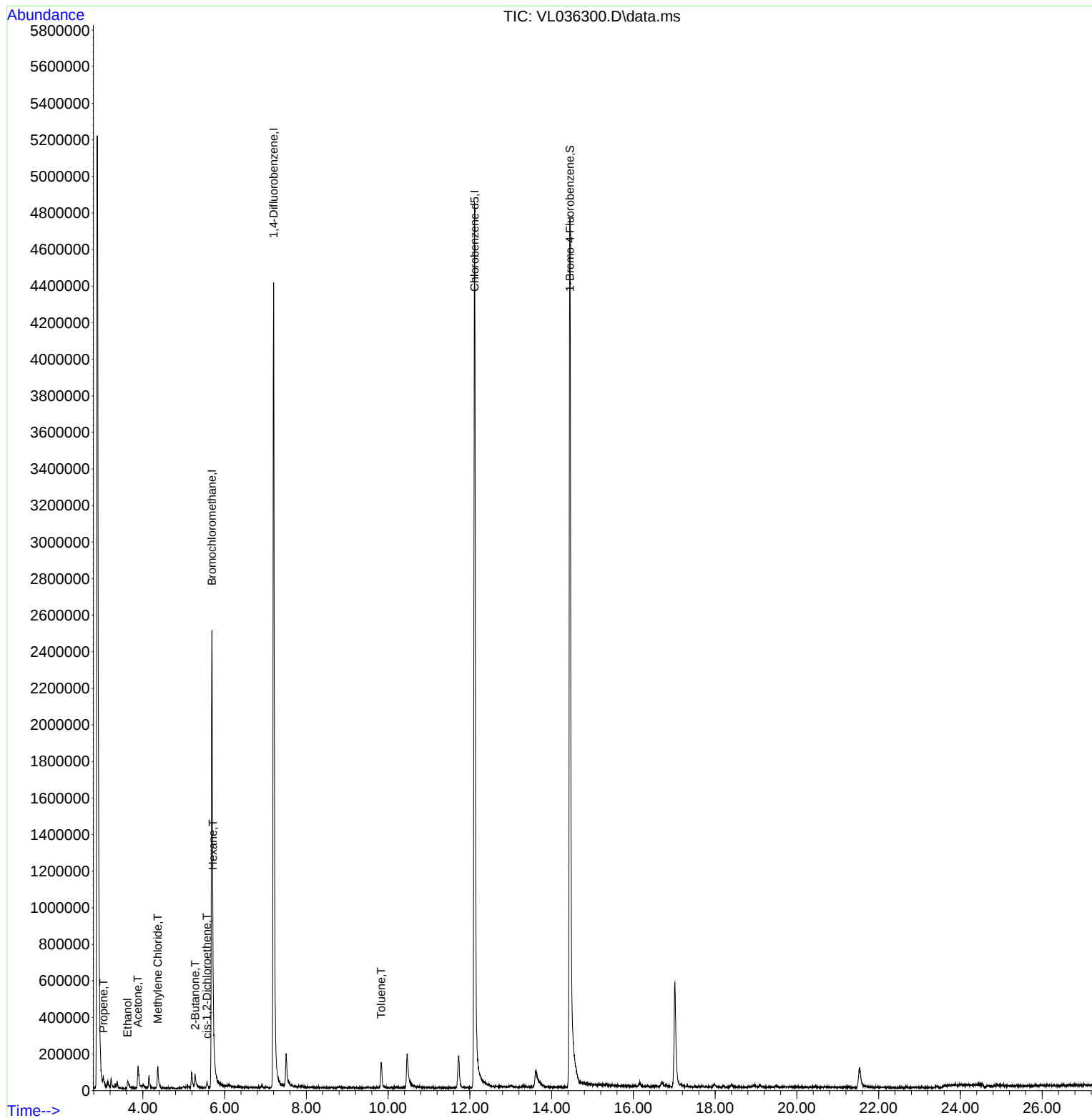
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
Data File : VL036300.D
Acq On : 3 Feb 2021 19:14
Operator : SY/AP
Sample : M1295-04 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

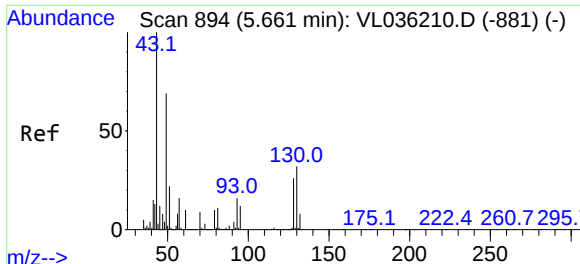
Instrument :
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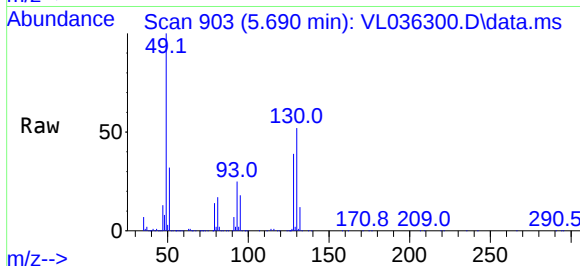
Quant Time: Feb 04 01:47:42 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.029 min
Lab File: VL036300.D
Acq: 3 Feb 2021 19:14

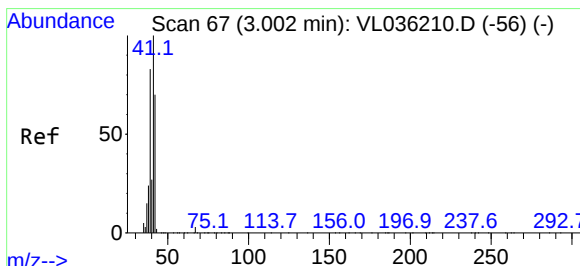
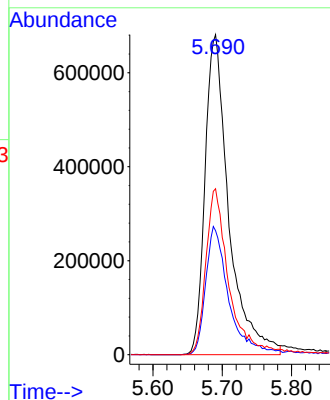
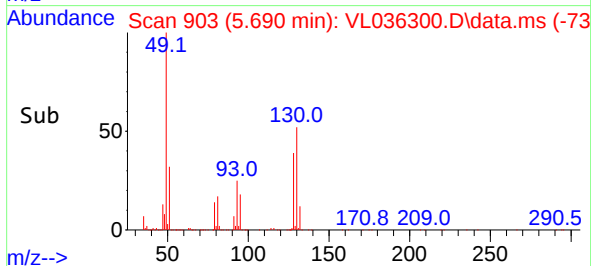
Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INTERMEDIATE-1



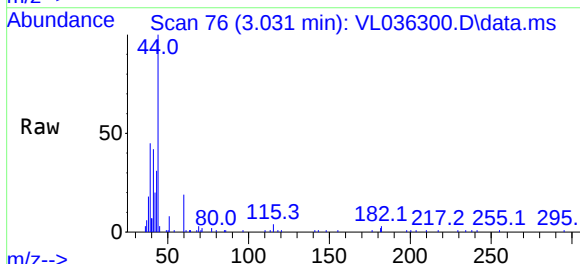
Tgt Ion: 49 Resp: 1618915
Ion Ratio Lower Upper
49 100
128 39.9 20.1 60.2
130 51.5 25.3 75.9

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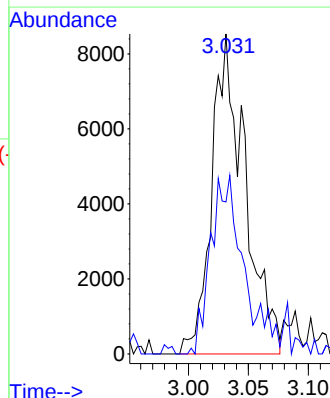
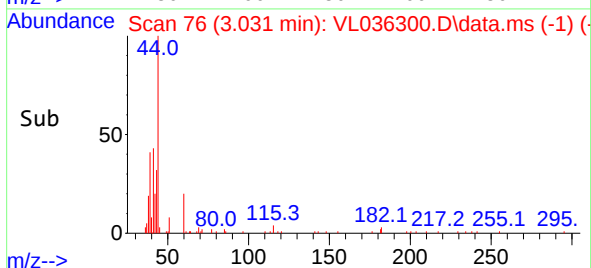
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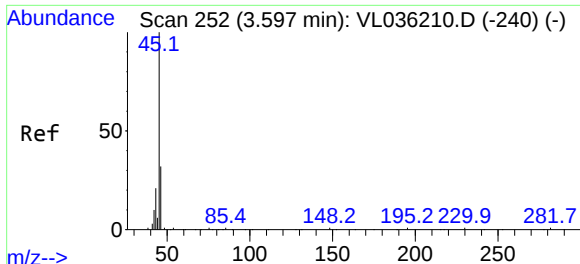


#9
Propene
Concen: 0.17 ppbv m
RT: 3.031 min Scan# 76
Delta R.T. 0.029 min
Lab File: VL036300.D
Acq: 3 Feb 2021 19:14



Tgt Ion: 41 Resp: 16454
Ion Ratio Lower Upper
41 100
42 23.6 57.1 85.7#





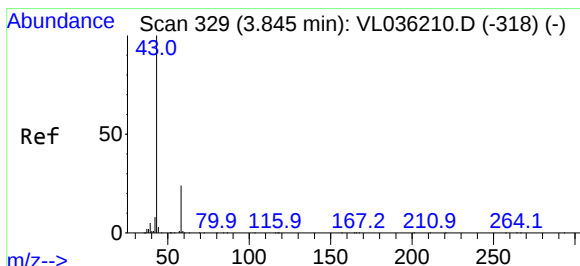
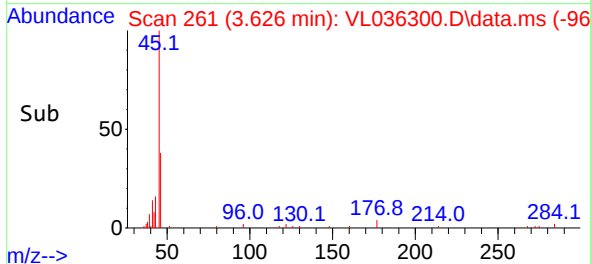
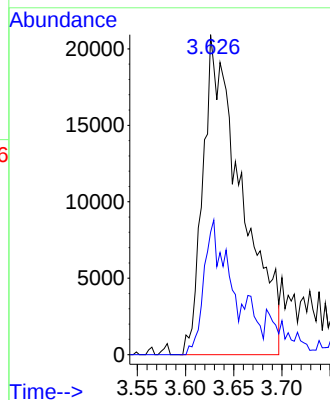
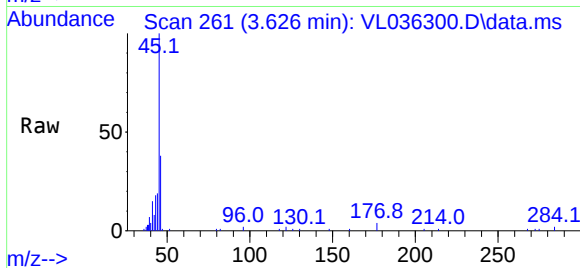
#13
Ethanol
Concen: 3.93 ppbv m
RT: 3.626 min Scan# 261
Delta R.T. 0.029 min
Lab File: VL036300.D
Acq: 3 Feb 2021 19:14

Tgt Ion: 45 Resp: 58434
Ion Ratio Lower Upper
45 100
46 32.5 19.2 77.0

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INTERMEDIATE-1

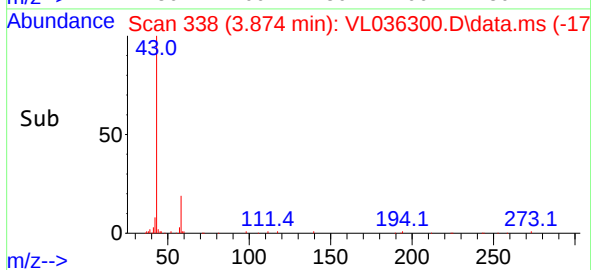
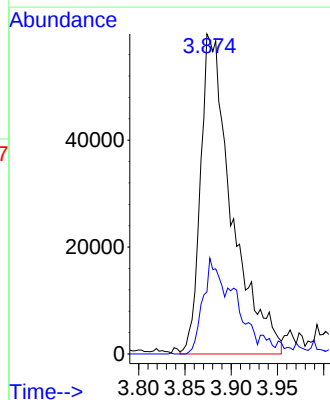
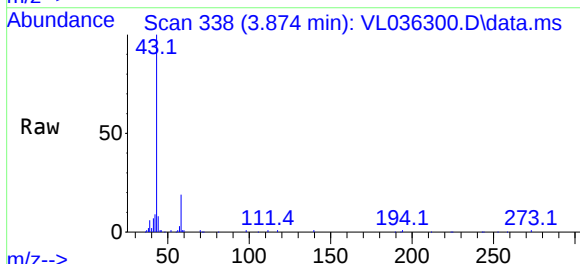
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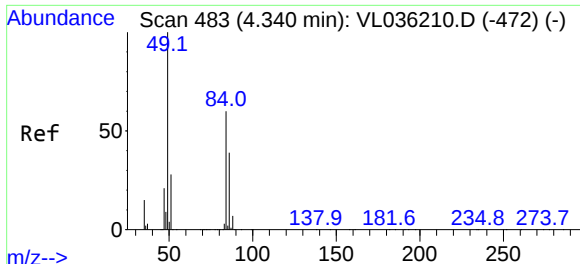
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#15
Acetone
Concen: 0.71 ppbv m
RT: 3.874 min Scan# 338
Delta R.T. 0.029 min
Lab File: VL036300.D
Acq: 3 Feb 2021 19:14

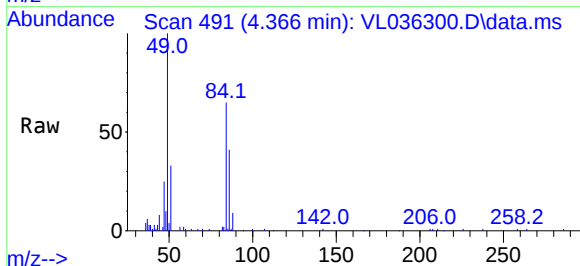
Tgt Ion: 43 Resp: 140363
Ion Ratio Lower Upper
43 100
58 33.4 20.9 31.3#





#20
Methylene Chloride
Concen: 0.75 ppbv m
RT: 4.366 min Scan# 491
Delta R.T. 0.026 min
Lab File: VL036300.D
Acq: 3 Feb 2021 19:14

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INTERMEDIATE-1

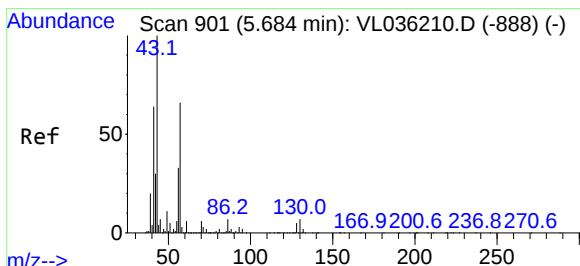
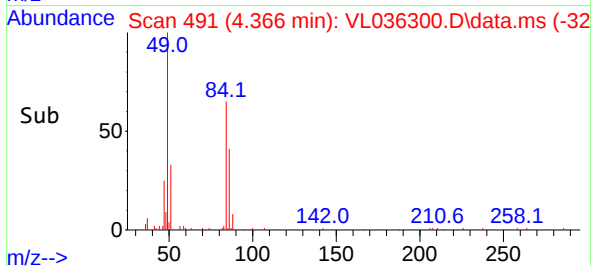
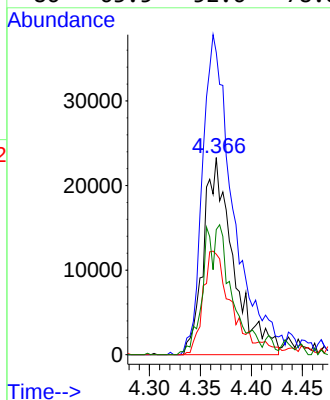


Tgt Ion: 84 Resp: 47463

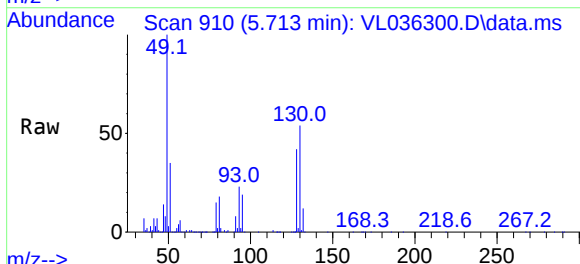
Ion	Ratio	Lower	Upper
84	100		
49	153.3	134.1	201.1
51	51.0	37.4	56.0
86	63.5	52.6	78.8

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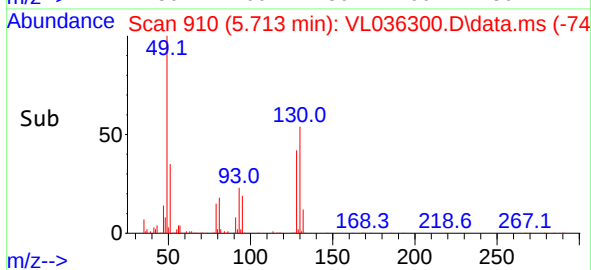
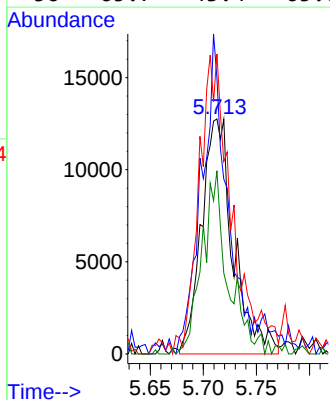


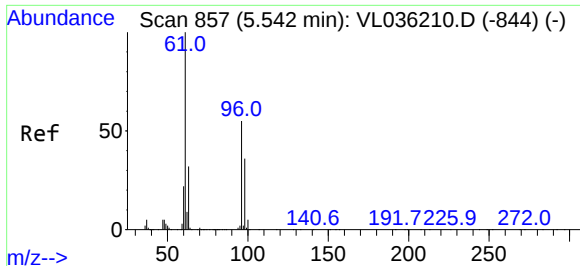
#26
Hexane
Concen: 0.16 ppbv m
RT: 5.713 min Scan# 910
Delta R.T. 0.029 min
Lab File: VL036300.D
Acq: 3 Feb 2021 19:14



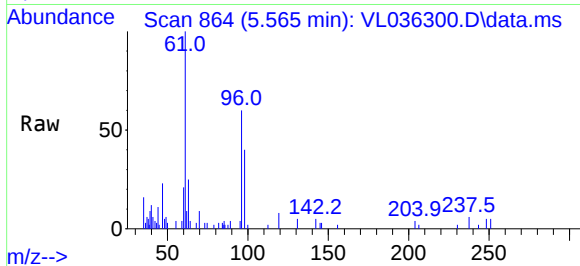
Tgt Ion: 57 Resp: 26595

Ion	Ratio	Lower	Upper
57	100		
41	124.0	83.0	124.6
43	144.9	202.4	303.6#
56	65.7	43.4	65.0#



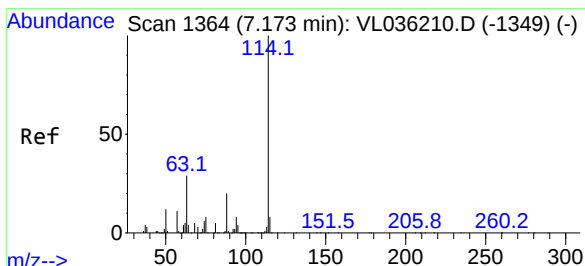
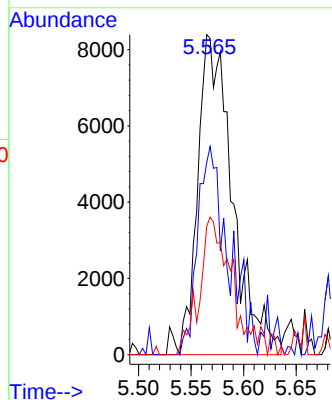
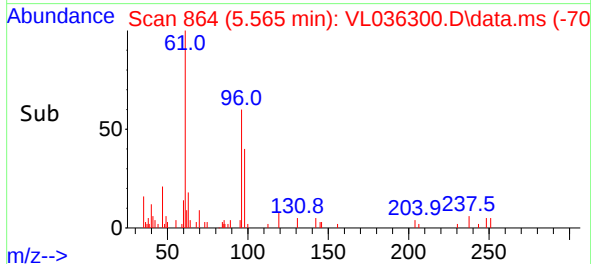


#31
cis-1,2-Dichloroethene
Concen: 0.12 ppbv m
RT: 5.565 min Scan# 864
Delta R.T. 0.022 min
Lab File: VL036300.D
Acq: 3 Feb 2021 19:14

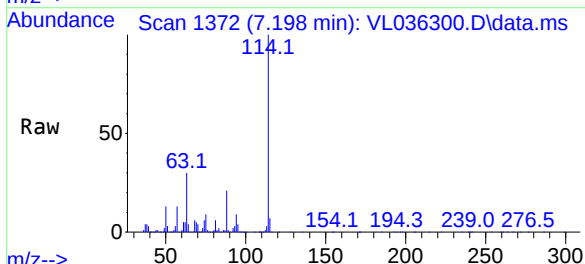


Tgt Ion: 61 Resp: 19252

Ion	Ratio	Lower	Upper
61	100		
96	60.1	44.1	66.1
98	40.1	28.6	42.8

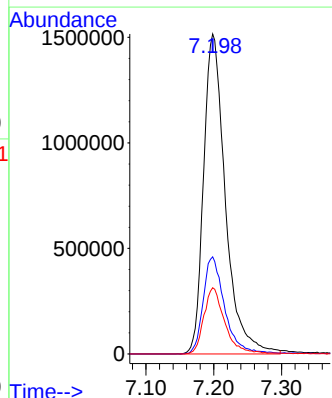
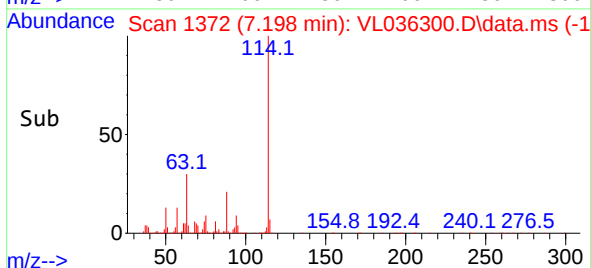


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.198 min Scan# 1372
Delta R.T. 0.026 min
Lab File: VL036300.D
Acq: 3 Feb 2021 19:14



Tgt Ion: 114 Resp: 3387552

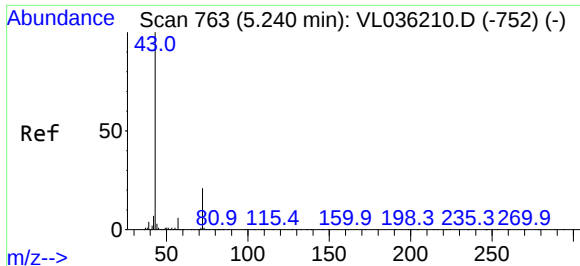
Ion	Ratio	Lower	Upper
114	100		
63	30.4	24.7	37.1
88	20.2	16.6	24.8



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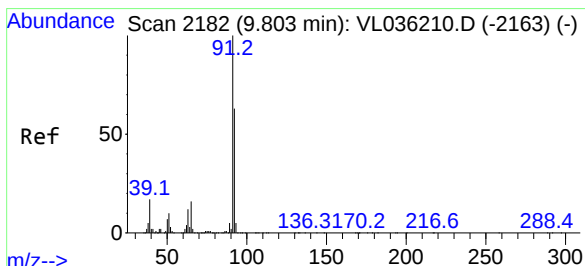
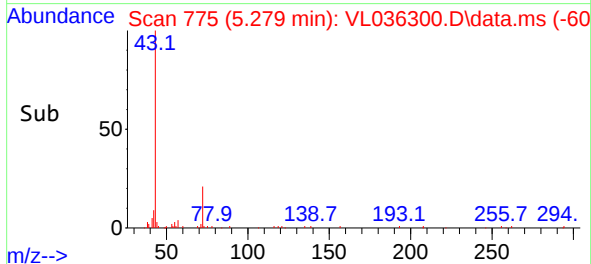
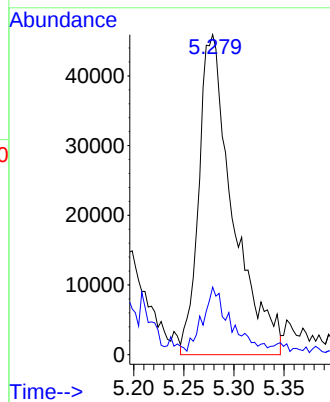
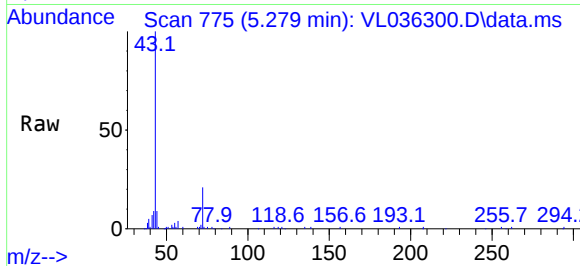
#34
2-Butanone
Concen: 0.43 ppbv m
RT: 5.279 min Scan# 775
Delta R.T. 0.039 min
Lab File: VL036300.D
Acq: 3 Feb 2021 19:14

Tgt Ion: 43 Resp: 108395
Ion Ratio Lower Upper
43 100
72 19.2 16.1 24.1

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INTERMEDIATE-1

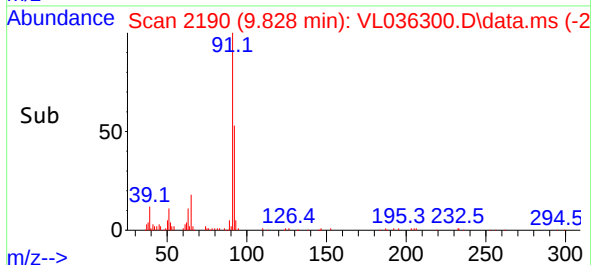
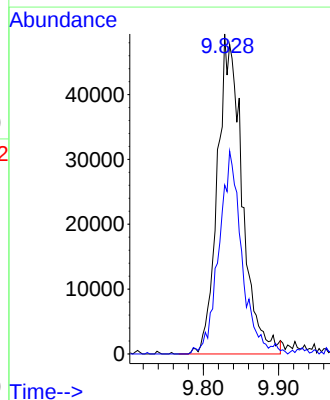
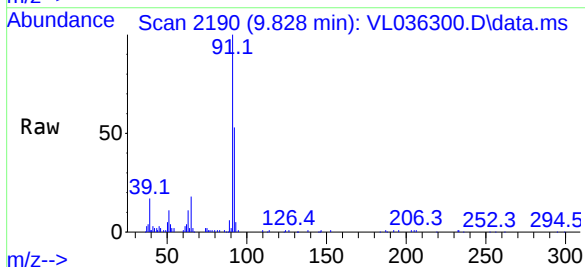
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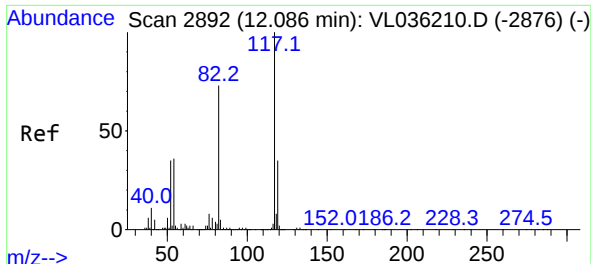
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#53
Toluene
Concen: 0.32 ppbv m
RT: 9.828 min Scan# 2190
Delta R.T. 0.026 min
Lab File: VL036300.D
Acq: 3 Feb 2021 19:14

Tgt Ion: 91 Resp: 112389
Ion Ratio Lower Upper
91 100
92 59.2 48.5 72.7





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.114 min Scan# 2901
Delta R.T. 0.029 min
Lab File: VL036300.D
Acq: 3 Feb 2021 19:14

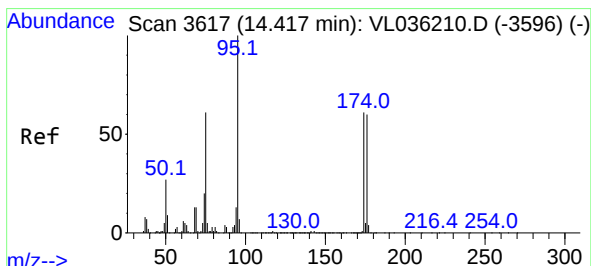
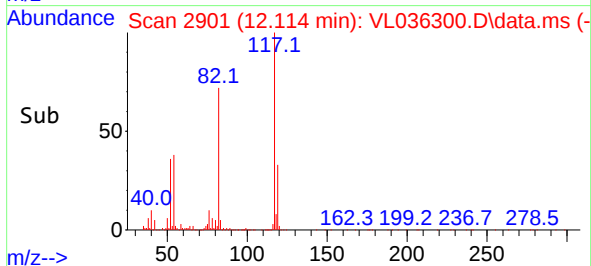
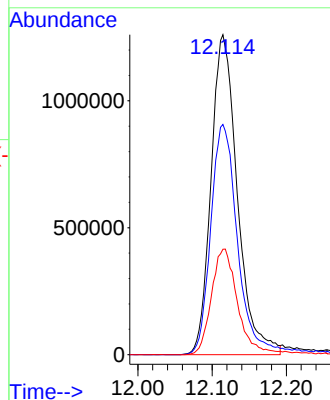
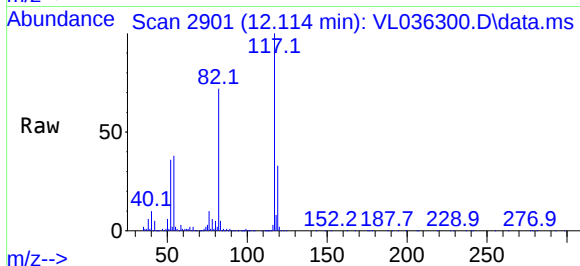
Tgt Ion: 117 Resp: 3106453

Ion	Ratio	Lower	Upper
117	100		
82	75.7	59.7	89.5
119	34.3	28.6	43.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.07 ppbv
RT: 14.446 min Scan# 3626
Delta R.T. 0.029 min
Lab File: VL036300.D
Acq: 3 Feb 2021 19:14

Tgt Ion: 95 Resp: 2588076

Ion	Ratio	Lower	Upper
95	100		
174	63.0	49.4	74.0
175	4.6	3.8	5.8

