

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
 Data File : VL036301.D
 Acq On : 3 Feb 2021 19:55
 Operator : SY/AP
 Sample : M1295-05 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-INFLUENT

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 5:15:52 PM

Quant Time: Feb 04 01:47:53 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	5.684	49	1577368	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.198	114	3372288	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.111	117	3131787	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.446	95	2702283	10.42	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%
Target Compounds						
9) Propene	3.028	41	12510m	0.14	ppbv	Qvalue
13) Ethanol	3.632	45	19215m	1.33	ppbv	
15) Acetone	3.874	43	155953	0.81	ppbv #	69
20) Methylene Chloride	4.362	84	34678m	0.56	ppbv	
26) Hexane	5.713	57	16519m	0.10	ppbv	
31) cis-1,2-Dichloroethene	5.568	61	75203m	0.49	ppbv	
34) 2-Butanone	5.272	43	176534m	0.71	ppbv	

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

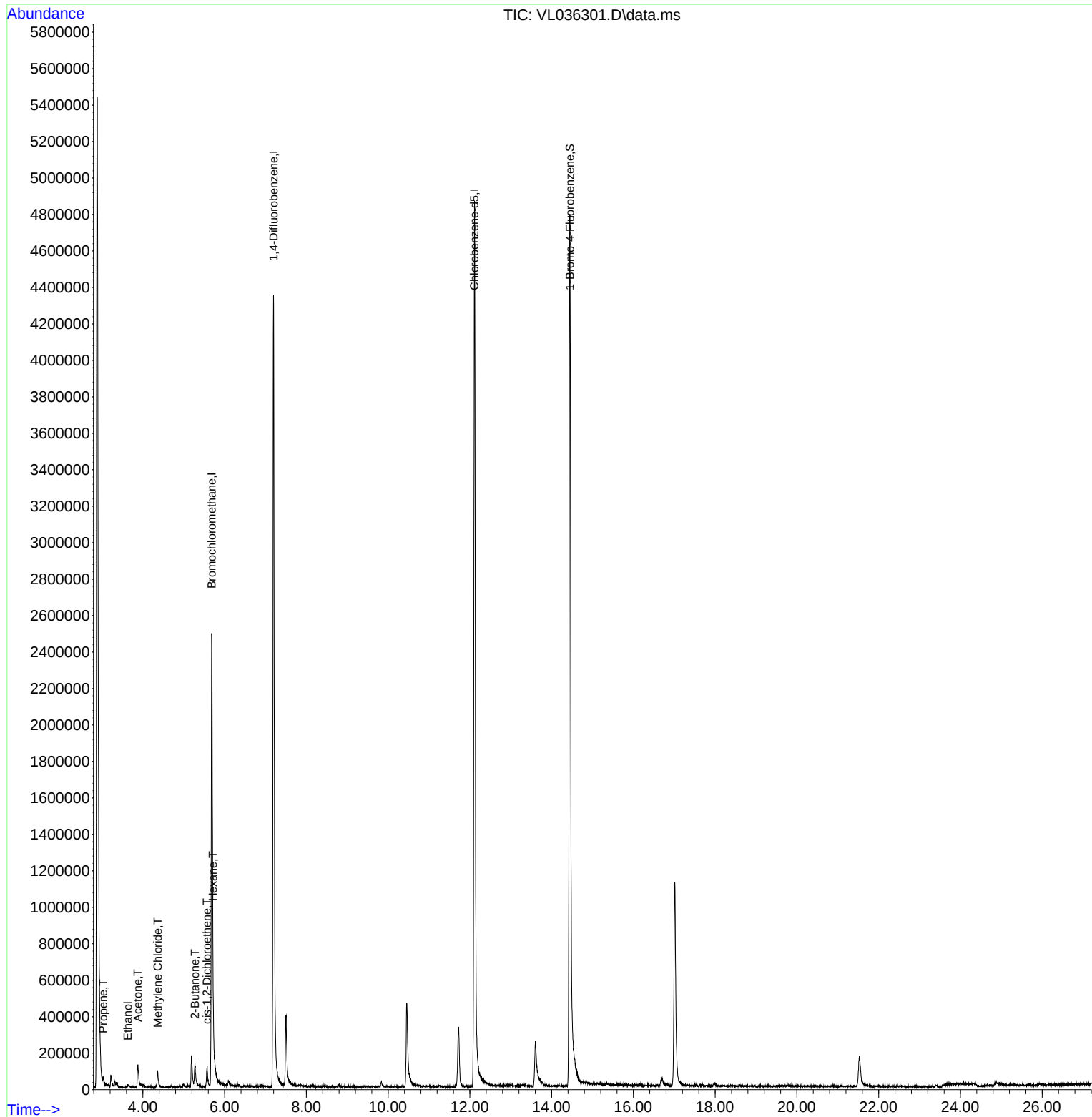
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
Data File : VL036301.D
Acq On : 3 Feb 2021 19:55
Operator : SY/AP
Sample : M1295-05 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

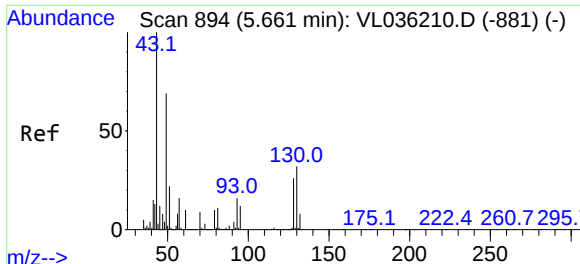
Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INFLUENT

Manual Integrations
APPROVED

MMDadoda
2/4/2021 5:15:52 PM

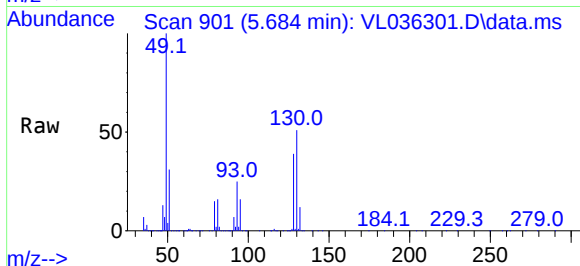
Quant Time: Feb 04 01:47:53 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.022 min
Lab File: VL036301.D
Acq: 3 Feb 2021 19:55

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INFLUENT

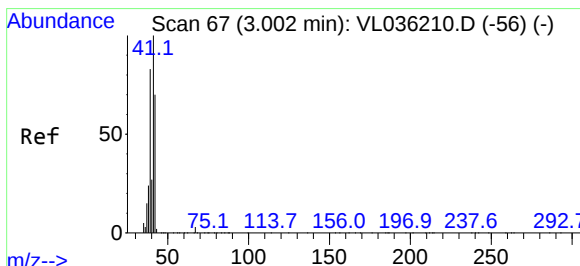
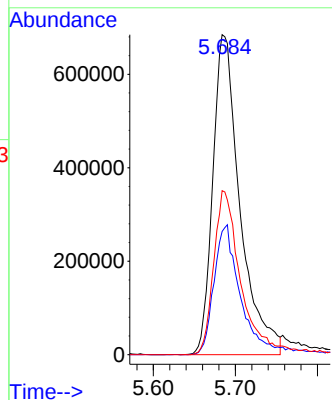
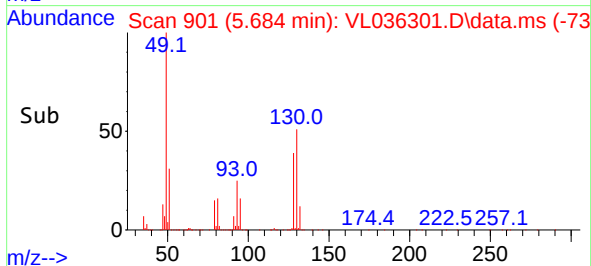


Tgt Ion: 49 Resp: 1577368

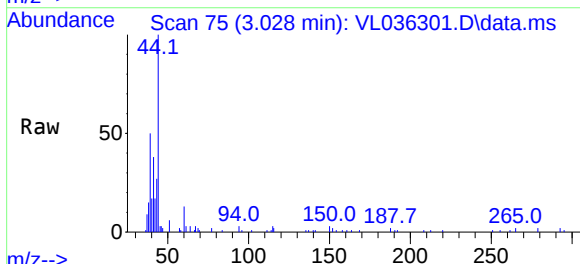
Ion	Ratio	Lower	Upper
49	100		
128	41.5	20.1	60.2
130	53.4	25.3	75.9

Manual Integrations
APPROVED

MMDadoda
2/4/2021 5:15:52 PM

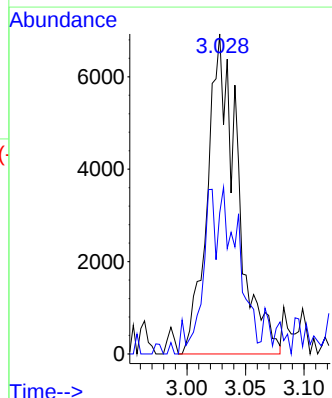
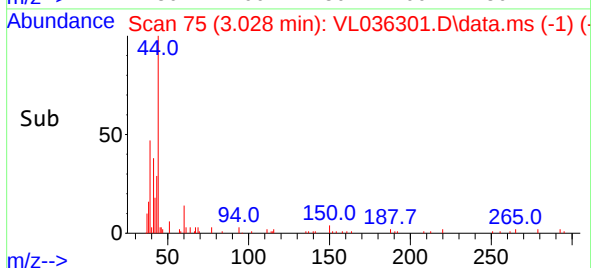


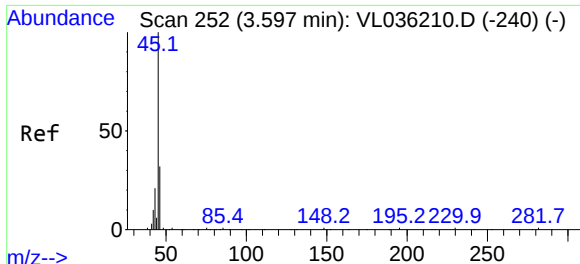
#9
Propene
Concen: 0.14 ppbv m
RT: 3.028 min Scan# 75
Delta R.T. 0.026 min
Lab File: VL036301.D
Acq: 3 Feb 2021 19:55



Tgt Ion: 41 Resp: 12510

Ion	Ratio	Lower	Upper
41	100		
42	18.0	57.1	85.7#





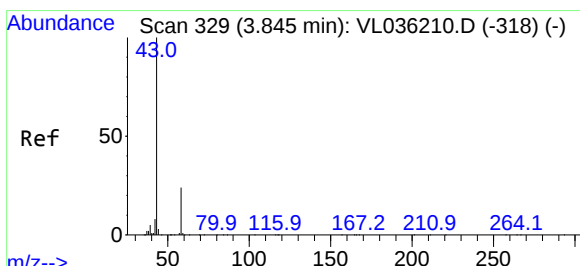
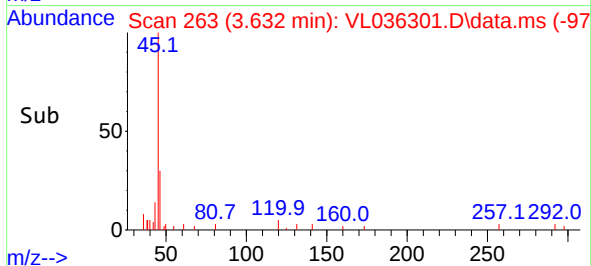
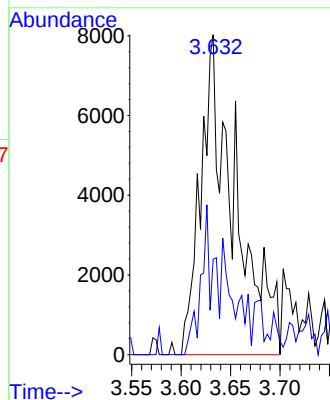
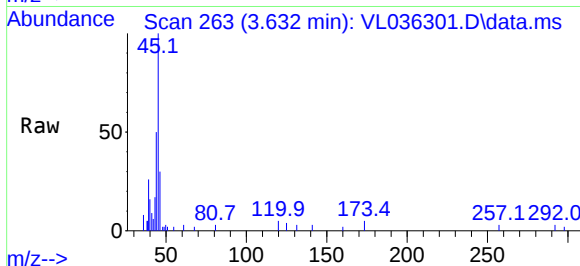
#13
Ethanol
Concen: 1.33 ppbv m
RT: 3.632 min Scan# 263
Delta R.T. 0.035 min
Lab File: VL036301.D
Acq: 3 Feb 2021 19:55

Tgt Ion: 45 Resp: 19215
Ion Ratio Lower Upper
45 100
46 17.3 19.2 77.0#

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INFLUENT

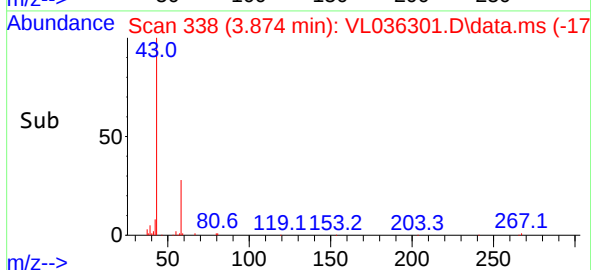
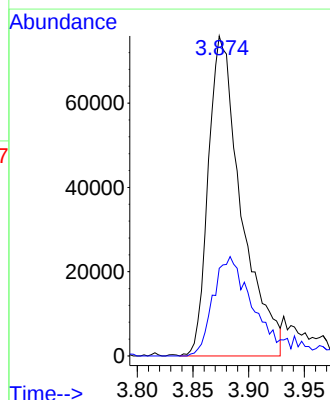
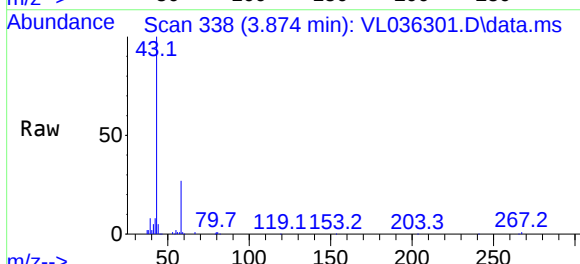
Manual Integrations
APPROVED

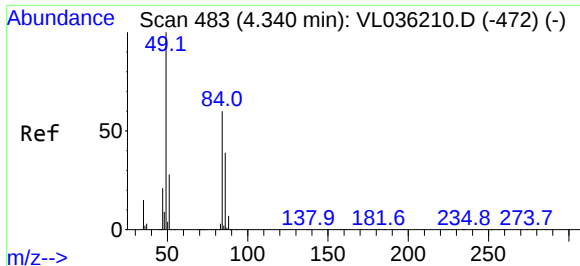
MMDadoda
2/4/2021 5:15:52 PM



#15
Acetone
Concen: 0.81 ppbv
RT: 3.874 min Scan# 338
Delta R.T. 0.029 min
Lab File: VL036301.D
Acq: 3 Feb 2021 19:55

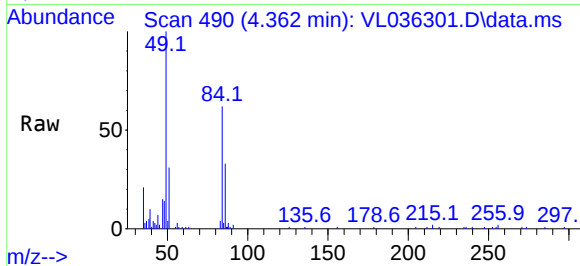
Tgt Ion: 43 Resp: 155953
Ion Ratio Lower Upper
43 100
58 41.8 20.9 31.3#





#20
Methylene Chloride
Concen: 0.56 ppbv m
RT: 4.362 min Scan# 490
Delta R.T. 0.022 min
Lab File: VL036301.D
Acq: 3 Feb 2021 19:55

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INFLUENT

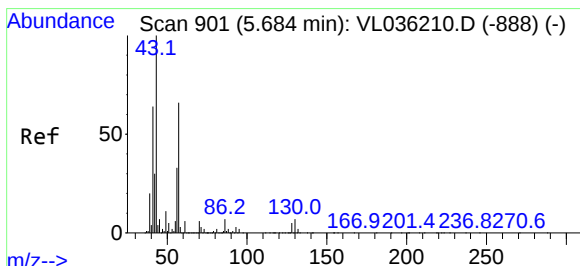
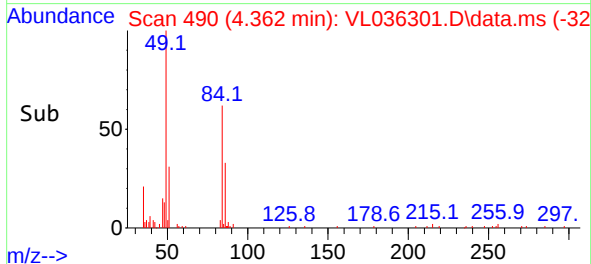
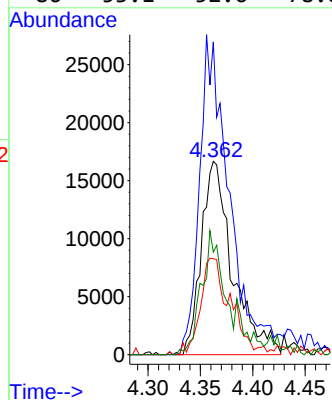


Tgt Ion: 84 Resp: 34678

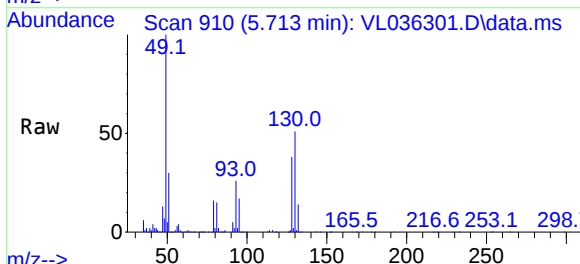
Ion	Ratio	Lower	Upper
84	100		
49	161.9	134.1	201.1
51	49.7	37.4	56.0
86	53.1	52.6	78.8

Manual Integrations
APPROVED

MMDadoda
2/4/2021 5:15:52 PM

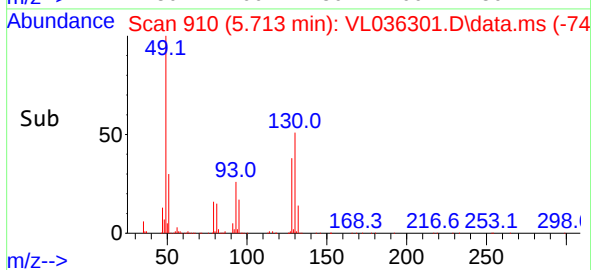
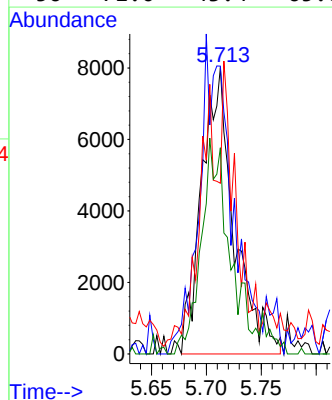


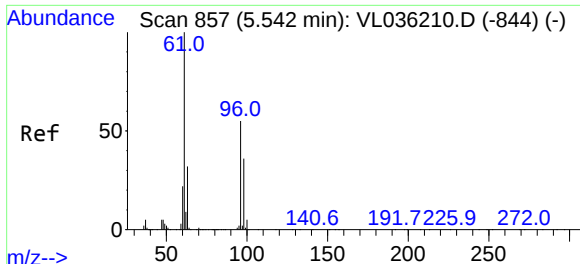
#26
Hexane
Concen: 0.10 ppbv m
RT: 5.713 min Scan# 910
Delta R.T. 0.029 min
Lab File: VL036301.D
Acq: 3 Feb 2021 19:55



Tgt Ion: 57 Resp: 16519

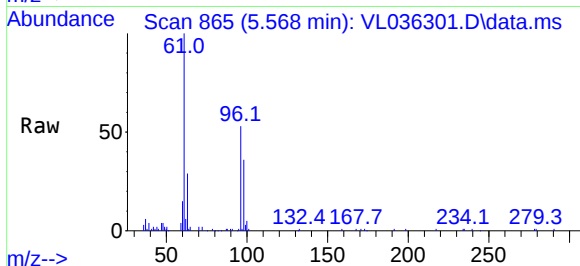
Ion	Ratio	Lower	Upper
57	100		
41	122.1	83.0	124.6
43	0.0	202.4	303.6#
56	71.0	43.4	65.0#





#31
cis-1,2-Dichloroethene
Concen: 0.49 ppbv m
RT: 5.568 min Scan# 865
Delta R.T. 0.026 min
Lab File: VL036301.D
Acq: 3 Feb 2021 19:55

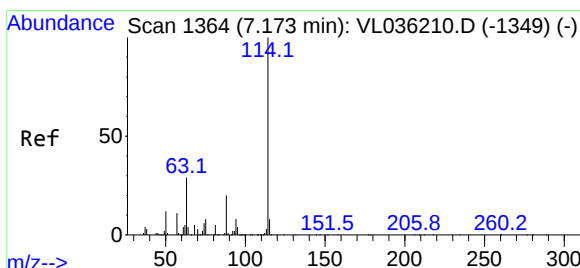
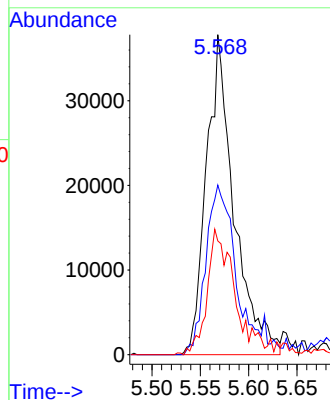
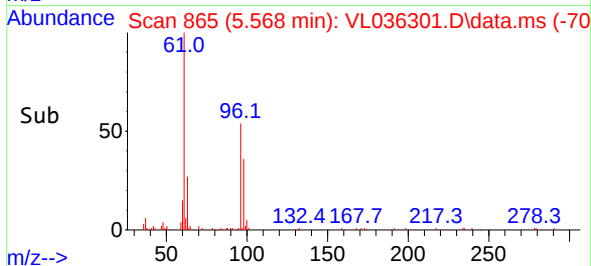
Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INFLUENT



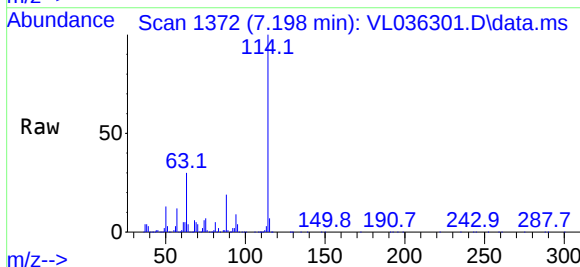
Tgt Ion: 61 Resp: 75203
Ion Ratio Lower Upper
61 100
96 53.0 44.1 66.1
98 35.6 28.6 42.8

Manual Integrations
APPROVED

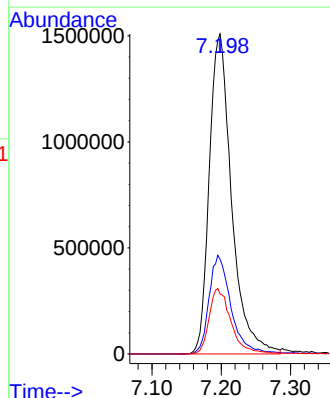
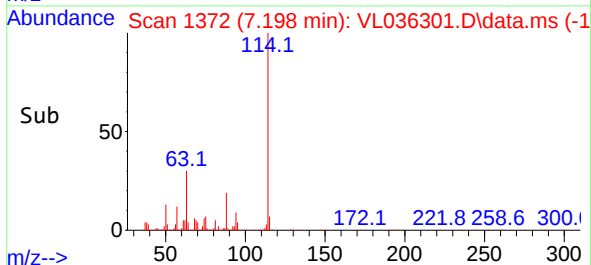
MMDadoda
2/4/2021 5:15:52 PM

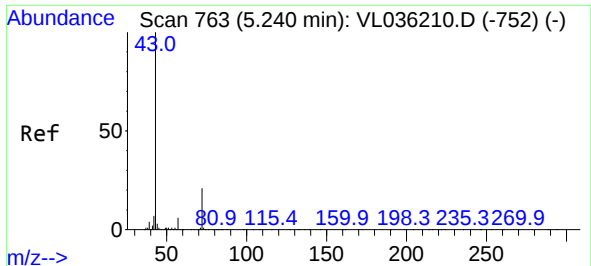


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.198 min Scan# 1372
Delta R.T. 0.026 min
Lab File: VL036301.D
Acq: 3 Feb 2021 19:55



Tgt Ion: 114 Resp: 3372288
Ion Ratio Lower Upper
114 100
63 30.7 24.7 37.1
88 20.3 16.6 24.8





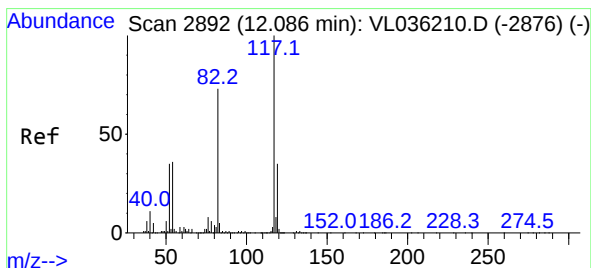
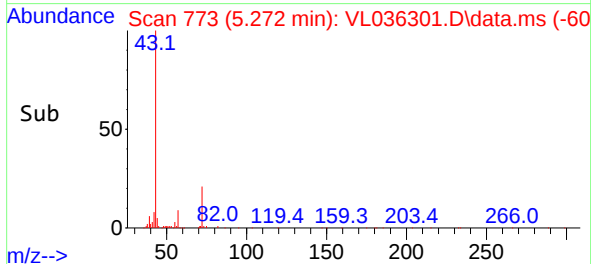
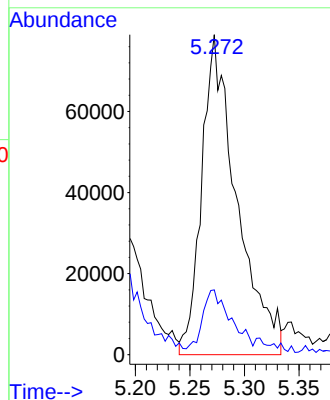
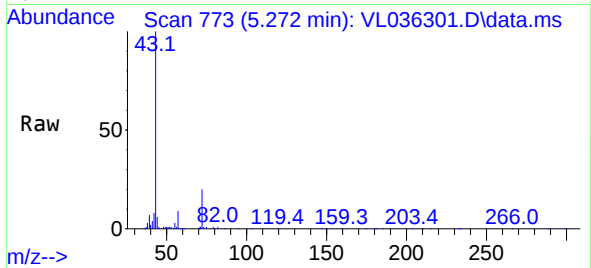
#34
2-Butanone
Concen: 0.71 ppbv m
RT: 5.272 min Scan# 773
Delta R.T. 0.032 min
Lab File: VL036301.D
Acq: 3 Feb 2021 19:55

Tgt Ion: 43 Resp: 176534
Ion Ratio Lower Upper
43 100
72 19.9 16.1 24.1

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INFLUENT

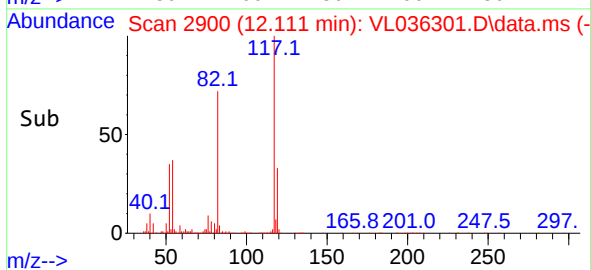
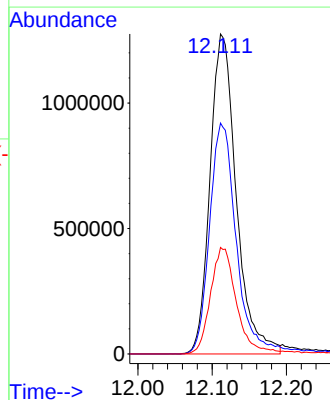
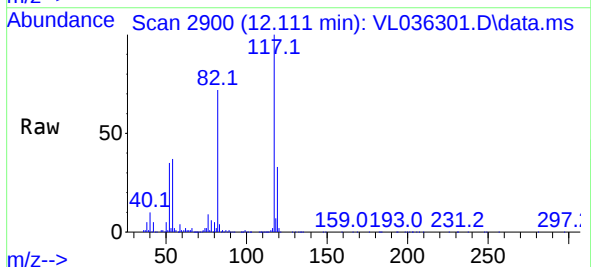
Manual Integrations
APPROVED

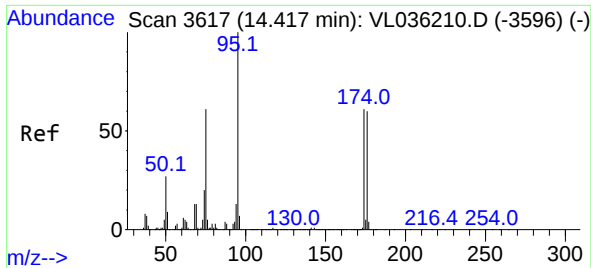
MMDadoda
2/4/2021 5:15:52 PM



#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.111 min Scan# 2900
Delta R.T. 0.026 min
Lab File: VL036301.D
Acq: 3 Feb 2021 19:55

Tgt Ion: 117 Resp: 3131787
Ion Ratio Lower Upper
117 100
82 75.9 59.7 89.5
119 34.1 28.6 43.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.42 ppbv
 RT: 14.446 min Scan# 3626
 Delta R.T. 0.029 min
 Lab File: VL036301.D
 Acq: 3 Feb 2021 19:55

Tgt Ion: 95 Resp: 2702283

Ion	Ratio	Lower	Upper
95	100		
174	61.1	49.4	74.0
175	4.2	3.8	5.8

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-INFLUENT

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 5:15:52 PM

