

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042321\
 Data File : VW021116.D
 Acq On : 23 Apr 2021 13:54
 Operator : SY/MD
 Sample : M2144-05DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 24 03:44:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 24 03:42:40 2021
 Response via : Initial Calibration

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

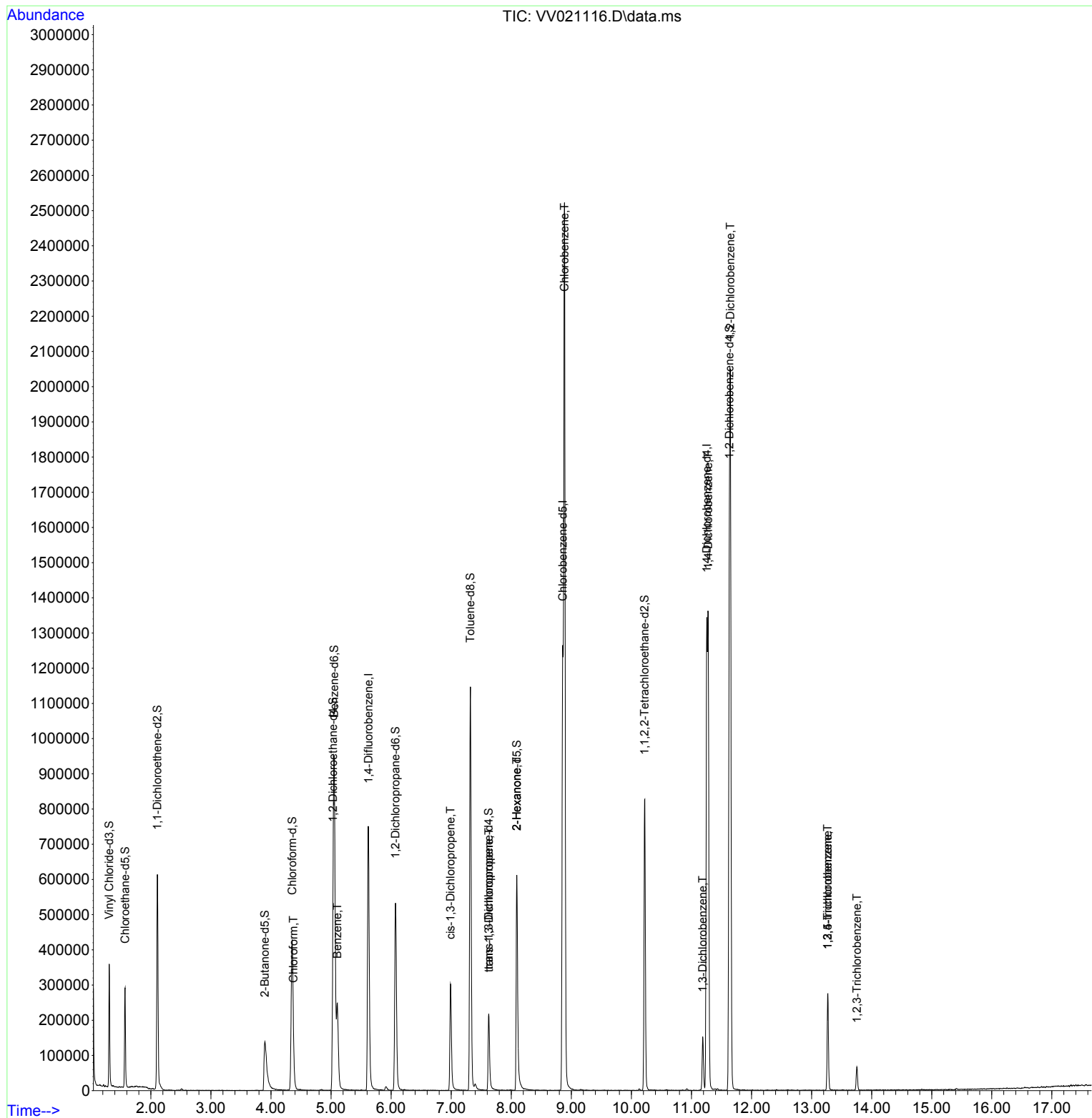
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	654263	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	642760	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	327012	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	210878	39.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.46%		
7) Chloroethane-d5	1.571	69	177631	44.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.82%		
11) 1,1-Dichloroethene-d2	2.108	63	319225	32.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.38%		
21) 2-Butanone-d5	3.899	46	275381	104.90	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.90%		
24) Chloroform-d	4.352	84	442510	46.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.34%		
26) 1,2-Dichloroethane-d4	5.034	65	303889	49.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.76%		
32) Benzene-d6	5.053	84	816991	47.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.46%		
36) 1,2-Dichloropropane-d6	6.072	67	247402	48.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.84%		
41) Toluene-d8	7.320	98	762682	46.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.08%		
43) trans-1,3-Dichloroprop...	7.625	79	130405	46.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.40%		
47) 2-Hexanone-d5	8.092	63	217572	107.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.36%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	363457	47.16	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.32%		
66) 1,2-Dichlorobenzene-d4	11.632	152	327763	50.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.48%		
Target Compounds						Qvalue
25) Chloroform	4.375	83	4341	0.48	ug/L #	55
33) Benzene	5.105	78	239852	13.39	ug/L	100
39) cis-1,3-Dichloropropene	6.989	75	8226	1.15	ug/L	85
44) trans-1,3-Dichloropropene	7.629	75	5842	0.79	ug/L #	67
48) 2-Hexanone	8.092	43	24957	5.96	ug/L #	66
51) Chlorobenzene	8.886	112	1312651	97.03	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	63551	6.53	ug/L	96
65) 1,4-Dichlorobenzene	11.278	146	513361	51.31	ug/L	98
67) 1,2-Dichlorobenzene	11.648	146	663360	65.99	ug/L	98
69) 1,3,5-Trichlorobenzene	13.268	180	83380	11.01	ug/L	97
70) 1,2,4-trichlorobenzene	13.268	180	83380	13.43	ug/L	96
72) 1,2,3-Trichlorobenzene	13.754	180	19368	3.06	ug/L	93

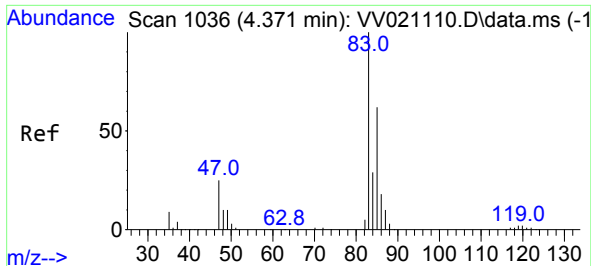
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042321\
Data File : VV021116.D
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 24 03:44:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 24 03:42:40 2021
Response via : Initial Calibration

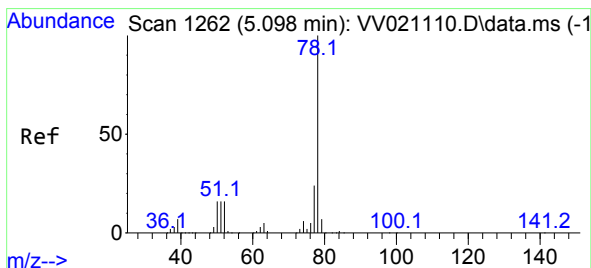
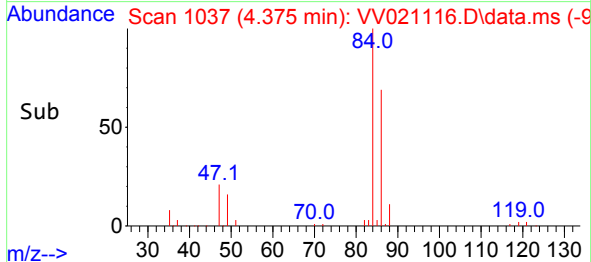
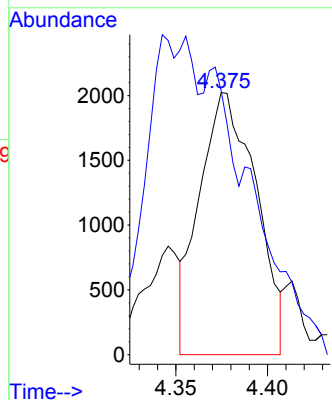
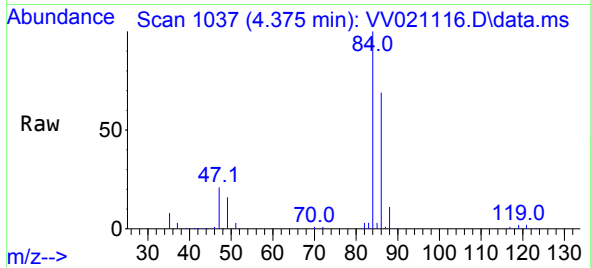




#25
Chloroform
Concen: 0.48 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV021116.D
Acq: 23 Apr 2021 13:54

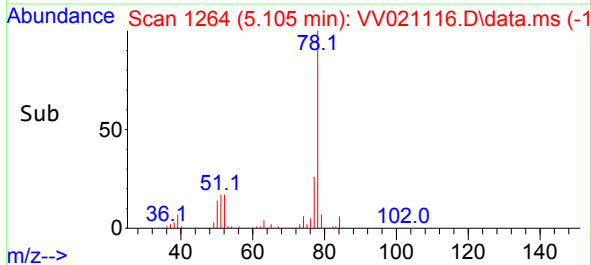
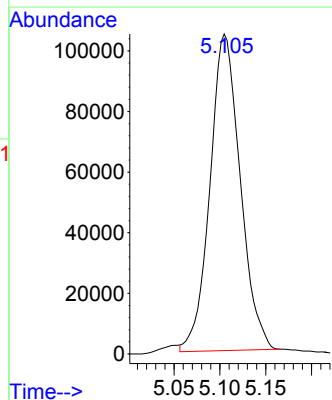
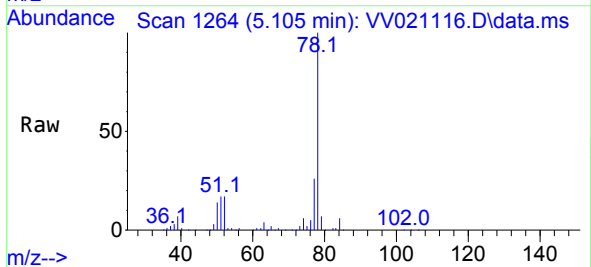
Instrument :
MSVOA_V
ClientSampled :

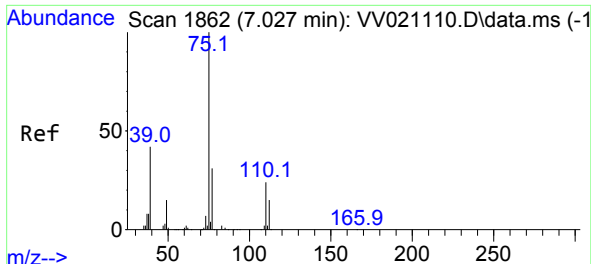
Tgt Ion: 83 Resp: 4341
Ion Ratio Lower Upper
83 100
85 100.7 45.6 84.6#



#33
Benzene
Concen: 13.39 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV021116.D
Acq: 23 Apr 2021 13:54

Tgt Ion: 78 Resp: 239852

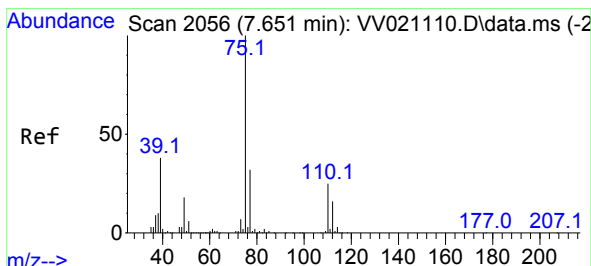
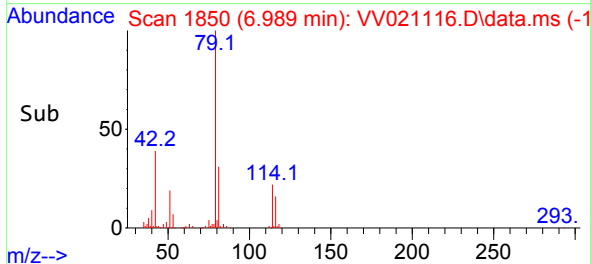
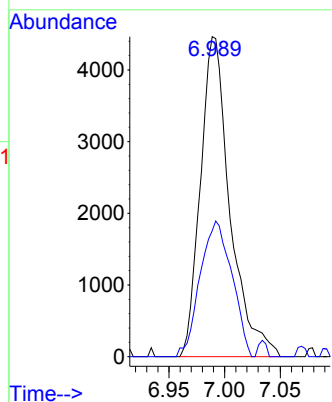
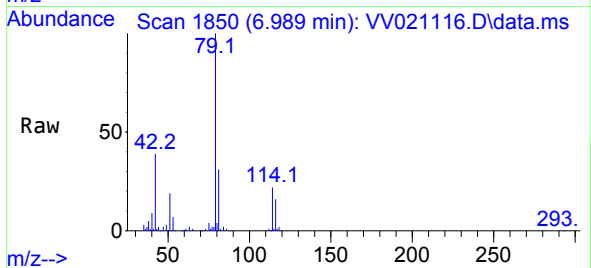




#39
cis-1,3-Dichloropropene
Concen: 1.15 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV021116.D
Acq: 23 Apr 2021 13:54

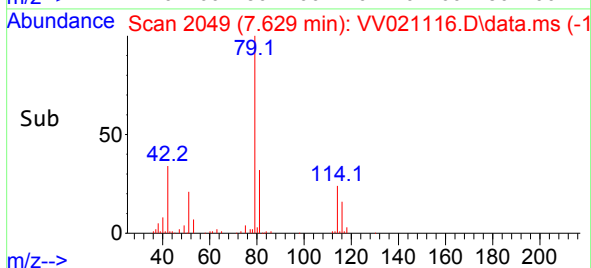
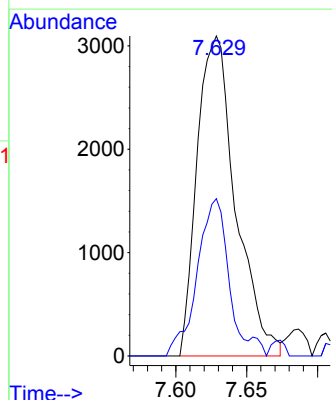
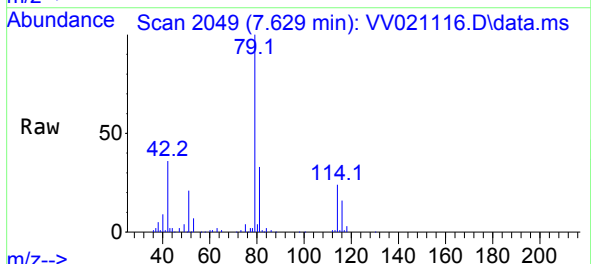
Instrument :
MSVOA_V
ClientSampled :

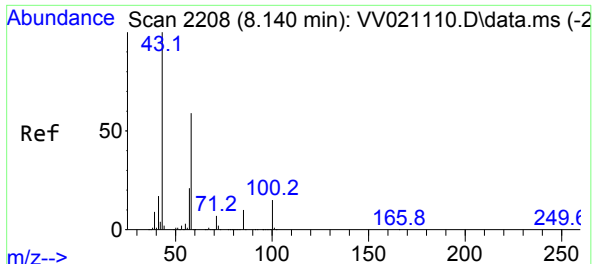
Tgt Ion: 75 Resp: 8226
Ion Ratio Lower Upper
75 100
77 39.3 21.8 40.6



#44
trans-1,3-Dichloropropene
Concen: 0.79 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.022 min
Lab File: VV021116.D
Acq: 23 Apr 2021 13:54

Tgt Ion: 75 Resp: 5842
Ion Ratio Lower Upper
75 100
77 49.2 21.8 40.6#



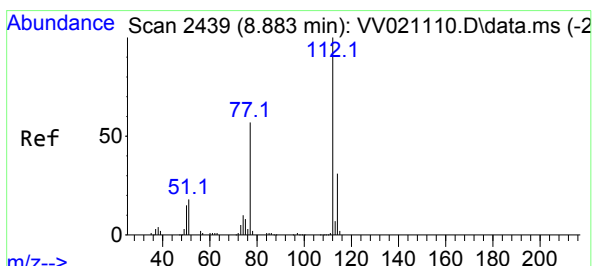
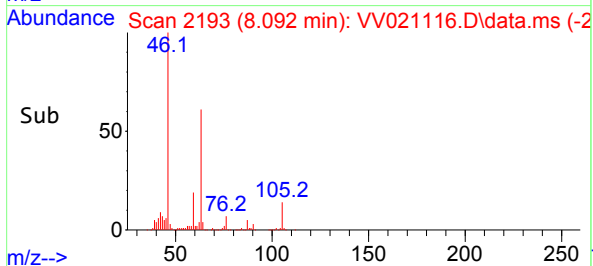
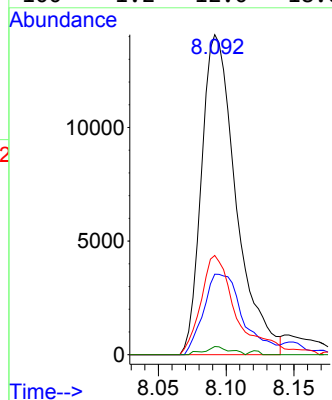
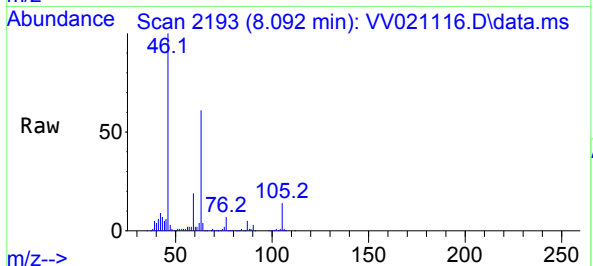


#48
2-Hexanone
Concen: 5.96 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV021116.D
Acq: 23 Apr 2021 13:54

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 24957

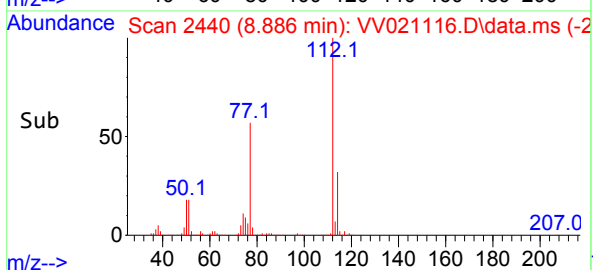
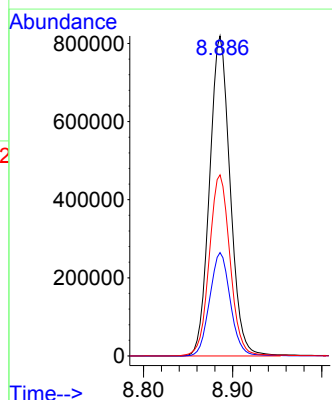
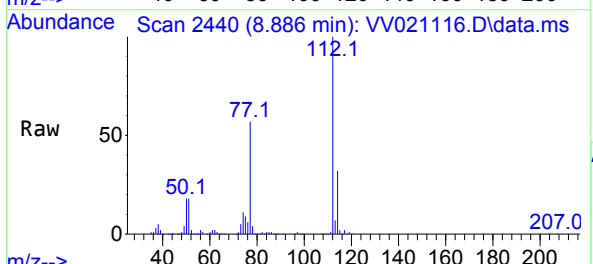
Ion	Ratio	Lower	Upper
43	100		
58	28.6	46.8	70.2#
57	31.7	17.6	26.4#
100	1.2	12.0	18.0#

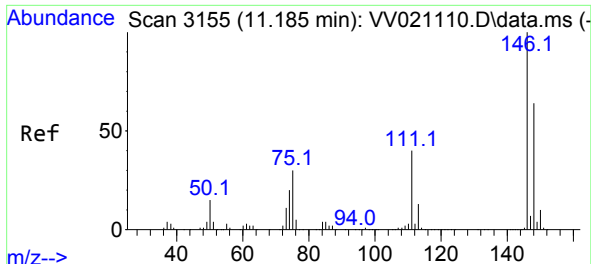


#51
Chlorobenzene
Concen: 97.03 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021116.D
Acq: 23 Apr 2021 13:54

Tgt Ion: 112 Resp: 1312651

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.8	42.4
77	56.6	44.2	66.2

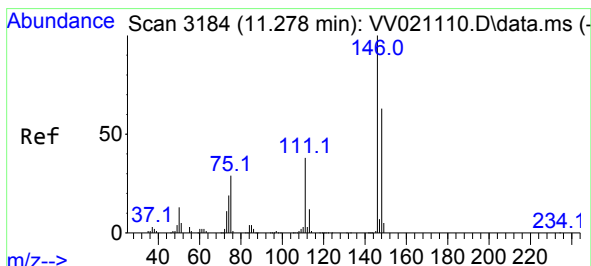
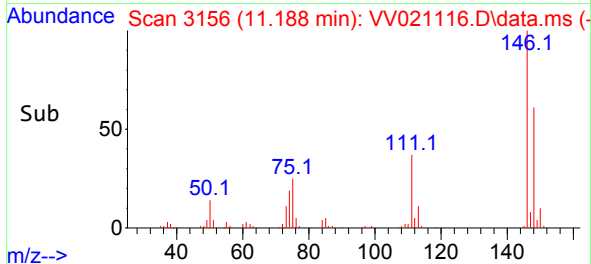
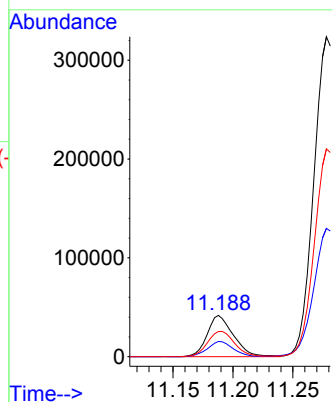
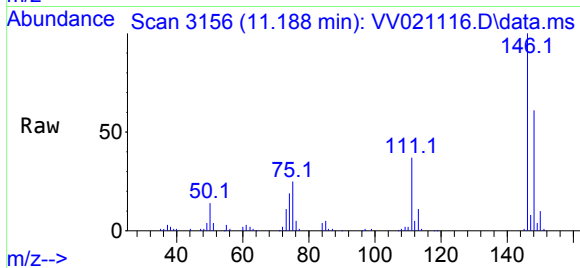




#64
1,3-Dichlorobenzene
Concen: 6.53 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV021116.D
Acq: 23 Apr 2021 13:54

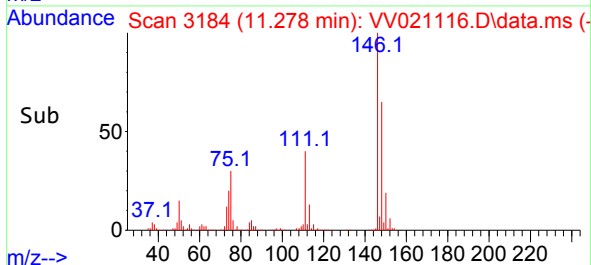
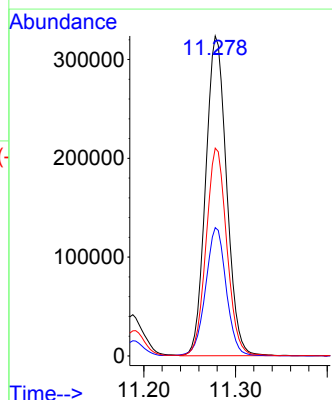
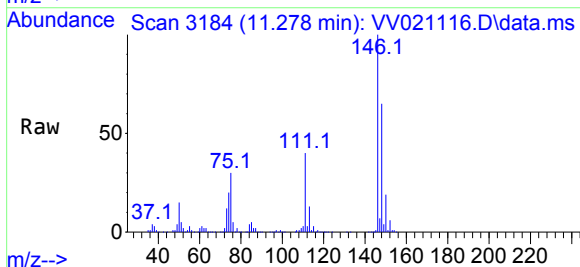
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MSVOA_V
ClientSampled :

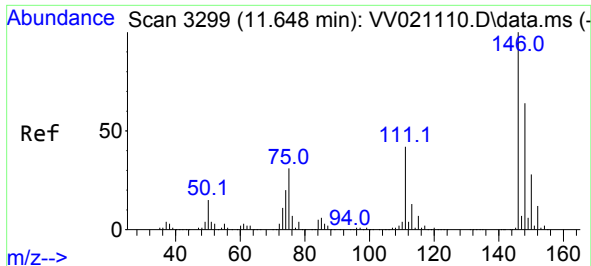
Tgt Ion:146 Resp: 63551
Ion Ratio Lower Upper
146 100
111 36.6 27.6 51.2
148 61.0 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 51.31 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV021116.D
Acq: 23 Apr 2021 13:54

Tgt Ion:146 Resp: 513361
Ion Ratio Lower Upper
146 100
111 40.1 26.3 48.9
148 65.0 44.7 82.9

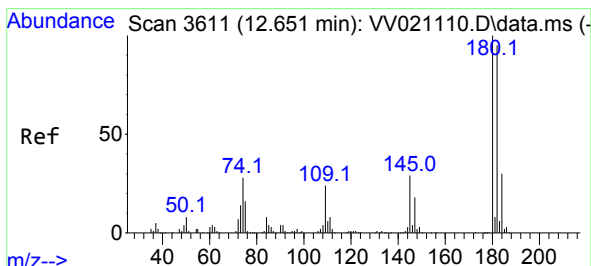
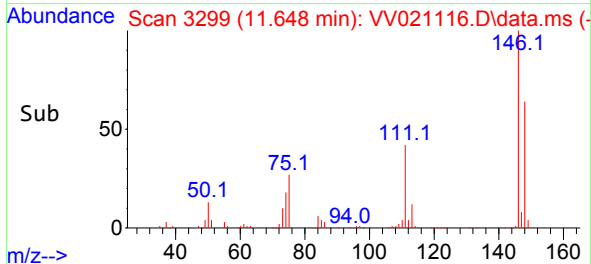
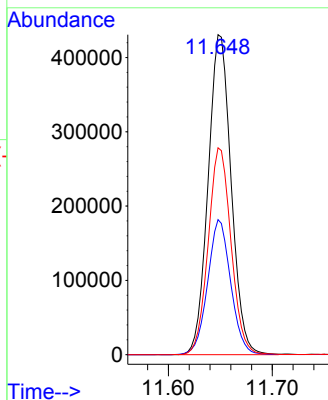
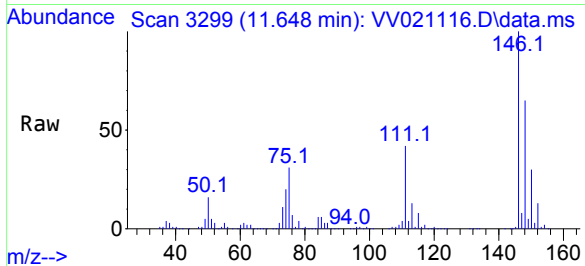




#67
1,2-Dichlorobenzene
Concen: 65.99 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV021116.D
Acq: 23 Apr 2021 13:54

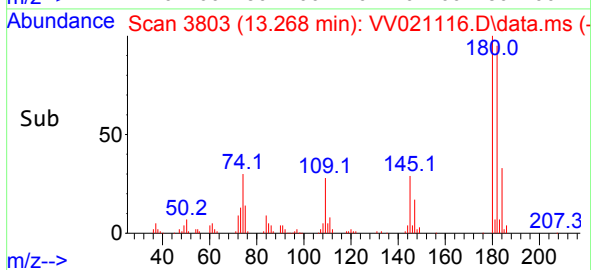
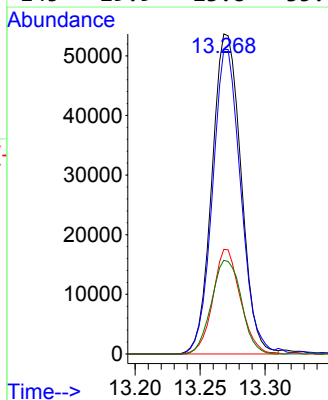
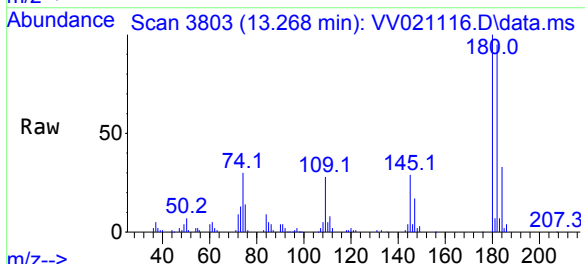
Instrument :
MSVOA_V
ClientSampleId :

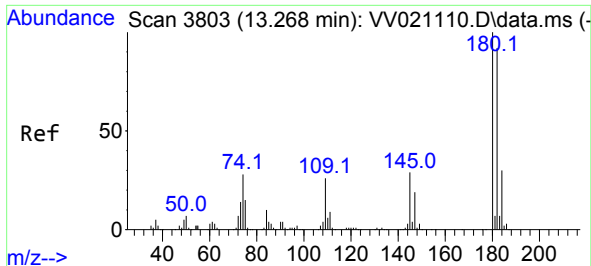
Tgt Ion:146 Resp: 663360
Ion Ratio Lower Upper
146 100
111 42.2 33.2 49.8
148 64.6 50.6 75.8



#69
1,3,5-Trichlorobenzene
Concen: 11.01 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.617 min
Lab File: VV021116.D
Acq: 23 Apr 2021 13:54

Tgt Ion:180 Resp: 83380
Ion Ratio Lower Upper
180 100
182 92.1 77.4 116.0
184 31.0 24.1 36.1
145 29.9 23.8 35.8

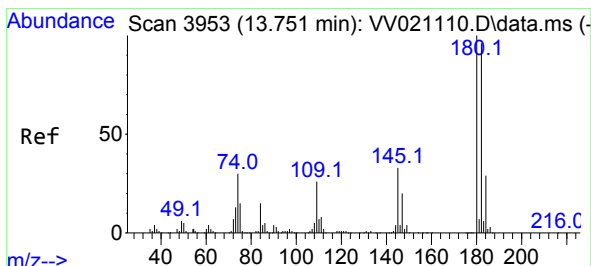
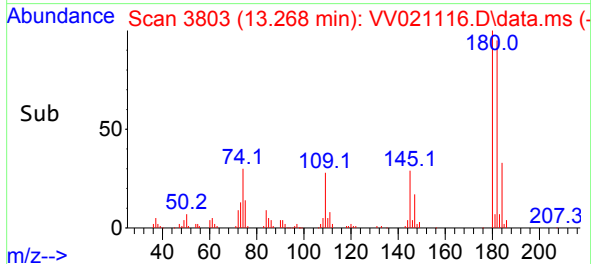
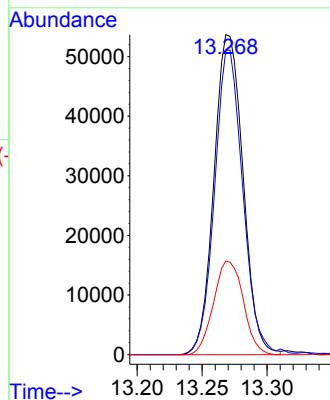
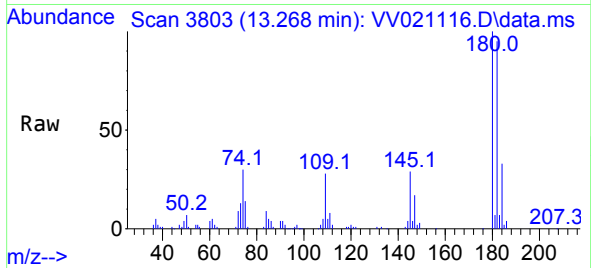




#70
1,2,4-trichlorobenzene
Concen: 13.43 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV021116.D
Acq: 23 Apr 2021 13:54

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:180 Resp: 83380
Ion Ratio Lower Upper
180 100
182 92.1 77.5 116.3
145 29.9 24.3 36.5



#72
1,2,3-Trichlorobenzene
Concen: 3.06 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV021116.D
Acq: 23 Apr 2021 13:54

Tgt Ion:180 Resp: 19368
Ion Ratio Lower Upper
180 100
182 101.7 75.9 113.9
145 35.2 25.0 37.6

