

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042221\
 Data File : VV021093.D
 Acq On : 22 Apr 2021 13:39
 Operator : SY/MD
 Sample : M2144-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GH0

Manual Integrations
 APPROVED

MMDadoda
 4/27/2021 4:41:03 PM

Quant Time: Apr 24 04:16:13 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	5.619	114	424948	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	431182	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	240198	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	249256	71.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 142.76%#			
7) Chloroethane-d5	1.568	69	188831	73.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 147.02%#			
11) 1,1-Dichloroethene-d2	2.108	63	361698	56.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 112.32%			
21) 2-Butanone-d5	3.908	46	261687	153.47	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 153.47%#			
24) Chloroform-d	4.352	84	459932	73.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 147.76%#			
26) 1,2-Dichloroethane-d4	5.034	65	318992	80.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 161.22%#			
32) Benzene-d6	5.050	84	867277	75.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 151.04%#			
36) 1,2-Dichloropropane-d6	6.072	67	264335	77.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 154.24%#			
41) Toluene-d8	7.320	98	820099	73.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 147.58%#			
43) trans-1,3-Dichloroprop...	7.625	79	136939	73.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 146.20%#			
47) 2-Hexanone-d5	8.092	63	216356	159.14	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 159.14%#			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	365032	70.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 141.20%#			
66) 1,2-Dichlorobenzene-d4	11.632	152	375367m	79.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 158.22%#			
Target Compounds					Qvalue	
13) Acetone	2.195	43	109823	68.95	ug/L	68
25) Chloroform	4.375	83	8514	1.44	ug/L	98
33) Benzene	5.105	78	187654	15.61	ug/L	100
42) Toluene	7.400	91	11236	0.85	ug/L	88
51) Chlorobenzene	8.883	112	3308099	364.52	ug/L	98
64) 1,3-Dichlorobenzene	11.188	146	317542	44.40	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	3041388	413.87	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	7018751	950.58	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	1438664	315.52	ug/L	99
72) 1,2,3-Trichlorobenzene	13.751	180	581326	124.95	ug/L	98

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

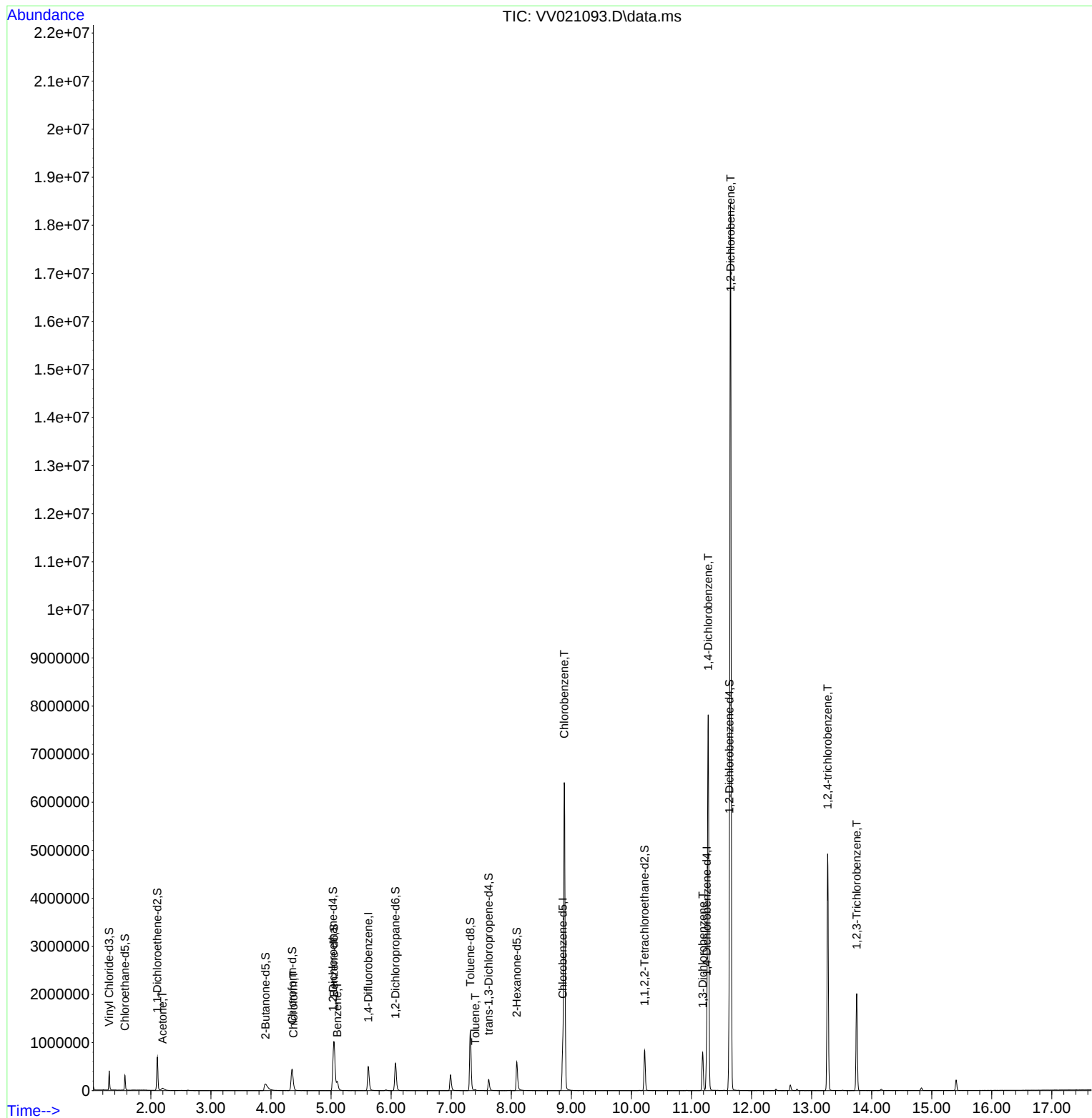
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042221\
Data File : VV021093.D
Acq On : 22 Apr 2021 13:39
Operator : SY/MD
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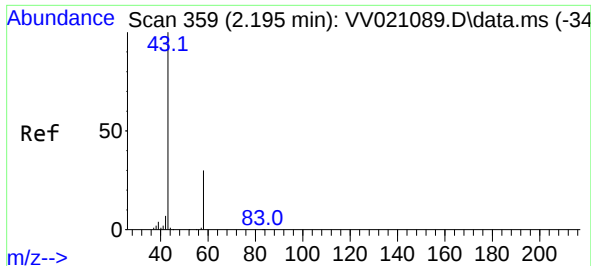
Instrument :
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Manual Integrations
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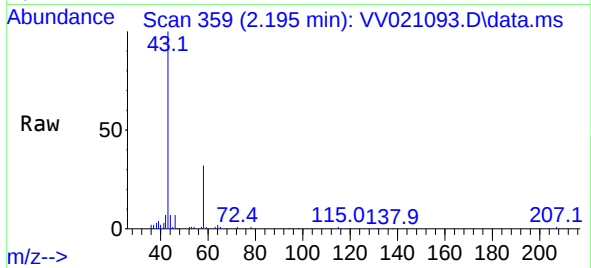
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Quant Time: Apr 24 04:16:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 24 03:42:40 2021
Response via : Initial Calibration

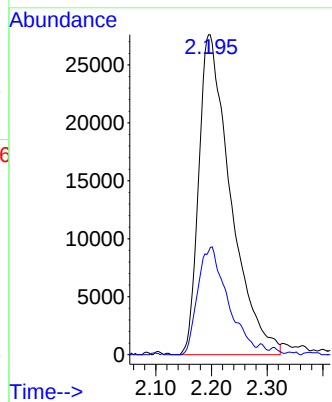
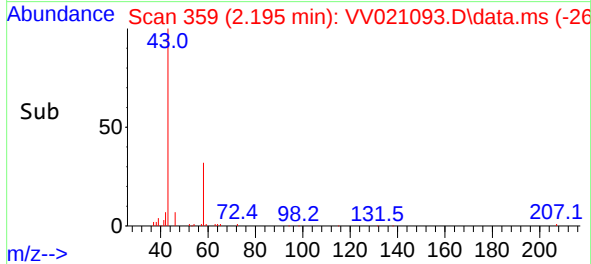




#13
Acetone
Concen: 68.95 ug/L
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV021093.D
Acq: 22 Apr 2021 13:39



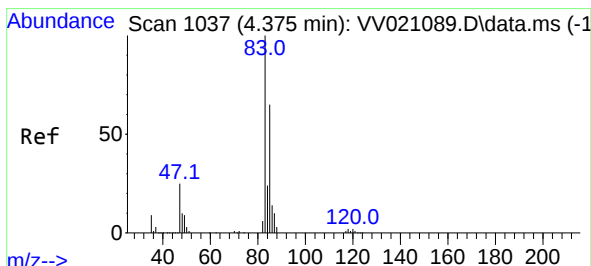
Tgt Ion: 43 Resp: 109823
Ion Ratio Lower Upper
43 100
58 28.6 0.0 30.8



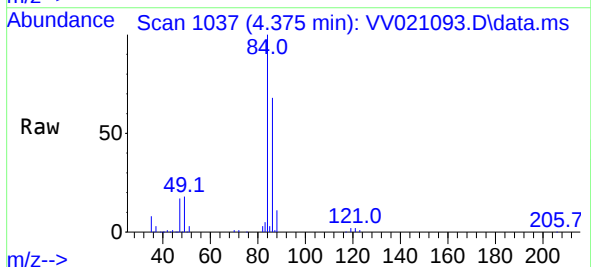
Instrument :
MSVOA_V
ClientSampleId :
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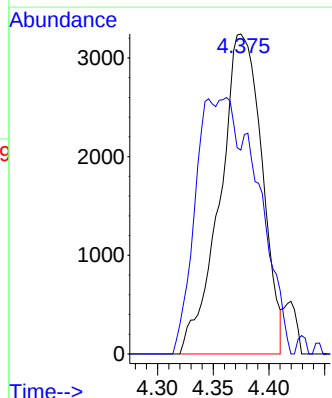
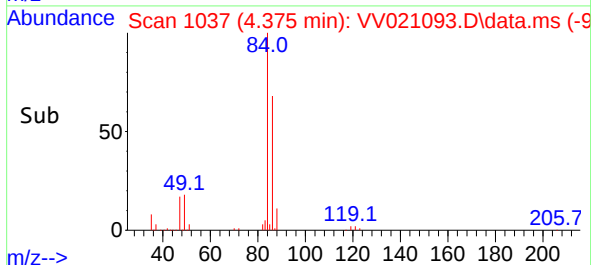
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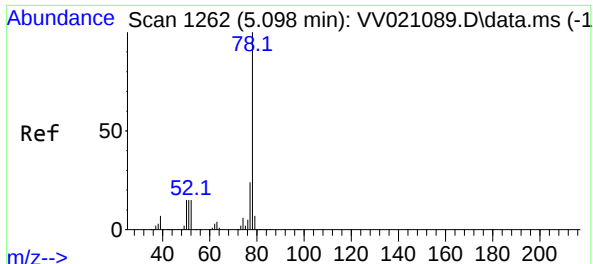


#25
Chloroform
Concen: 1.44 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV021093.D
Acq: 22 Apr 2021 13:39



Tgt Ion: 83 Resp: 8514
Ion Ratio Lower Upper
83 100
85 63.7 45.6 84.6





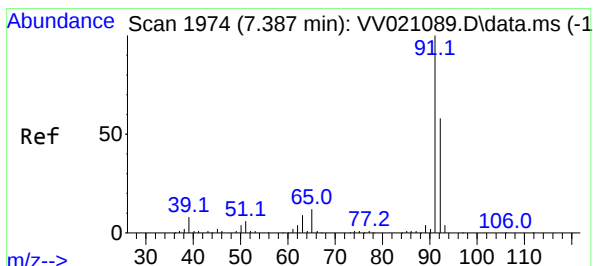
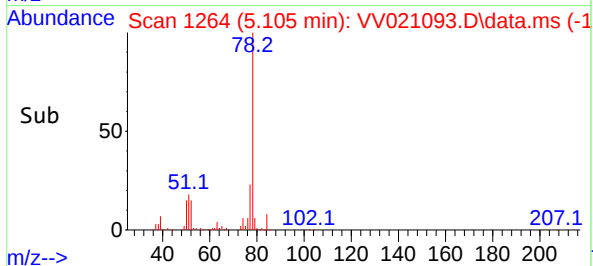
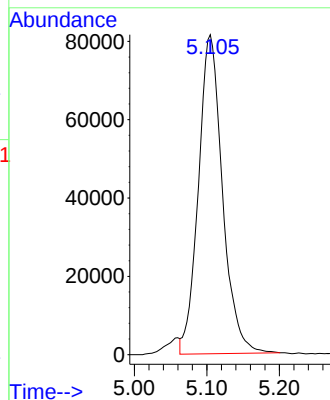
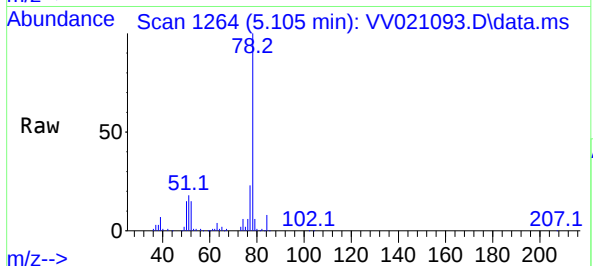
#33
Benzene
Concen: 15.61 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV021093.D
Acq: 22 Apr 2021 13:39

Tgt Ion: 78 Resp: 187654

Instrument :
MSVOA_V
ClientSampled :
C0GH0

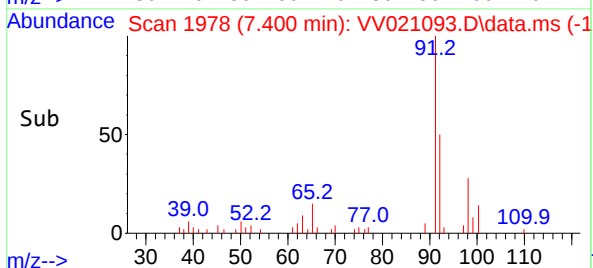
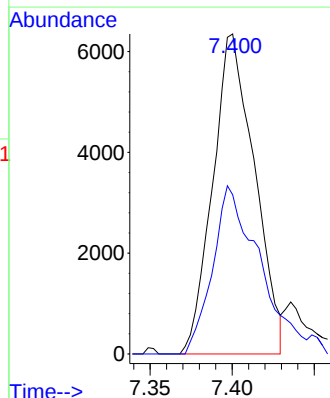
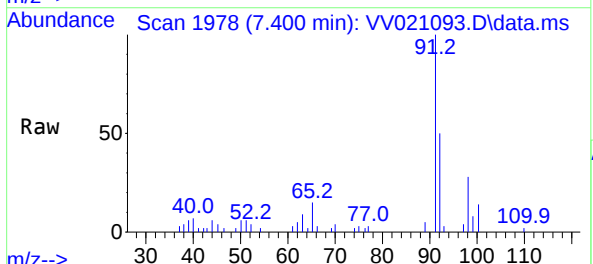
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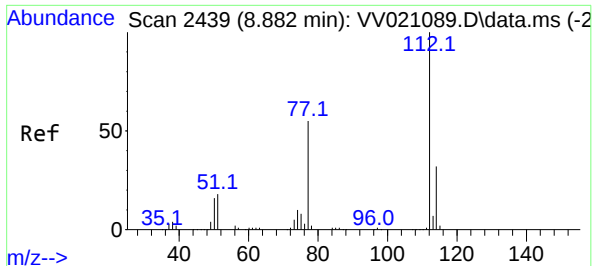
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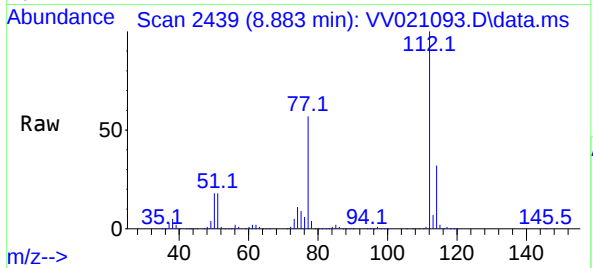
#42
Toluene
Concen: 0.85 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV021093.D
Acq: 22 Apr 2021 13:39

Tgt Ion: 91 Resp: 11236
Ion Ratio Lower Upper
91 100
92 49.8 41.0 76.2



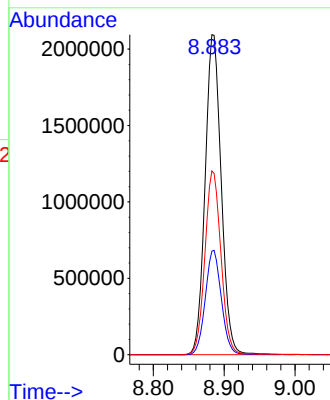


#51
Chlorobenzene
Concen: 364.52 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021093.D
Acq: 22 Apr 2021 13:39



Tgt Ion:112 Resp: 3308099

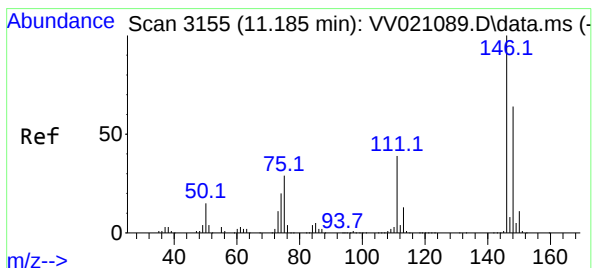
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.8	42.4
77	57.4	44.2	66.2



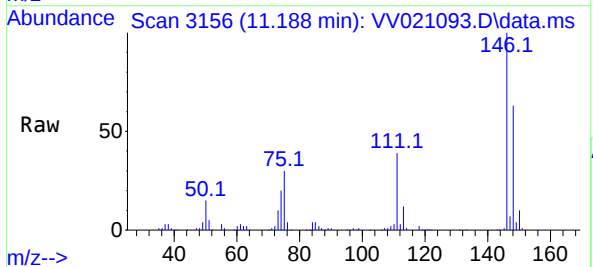
Instrument :
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ClientSampled :
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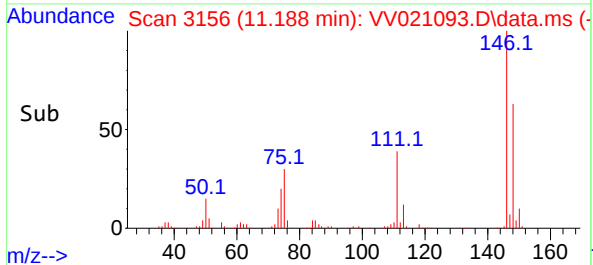
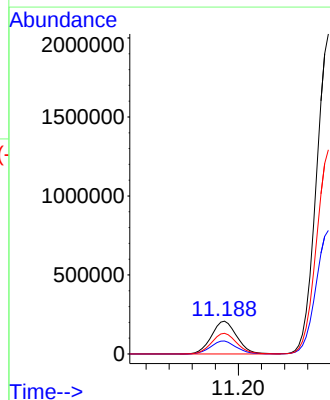


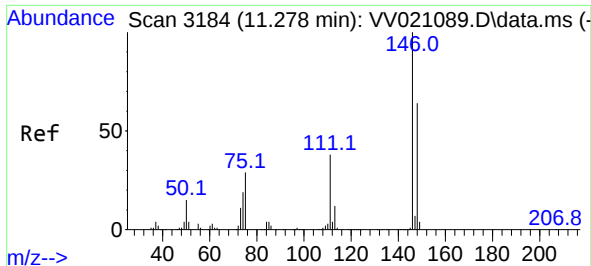
#64
1,3-Dichlorobenzene
Concen: 44.40 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV021093.D
Acq: 22 Apr 2021 13:39



Tgt Ion:146 Resp: 317542

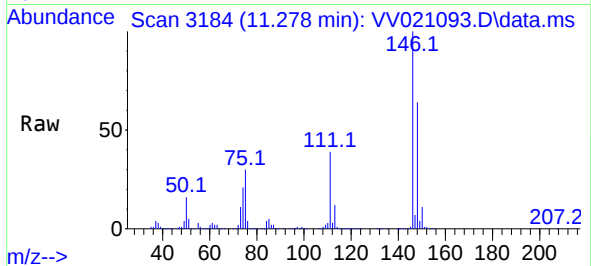
Ion	Ratio	Lower	Upper
146	100		
111	39.3	27.6	51.2
148	63.0	45.1	83.7





#65
1,4-Dichlorobenzene
Concen: 413.87 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021093.D
Acq: 22 Apr 2021 13:39

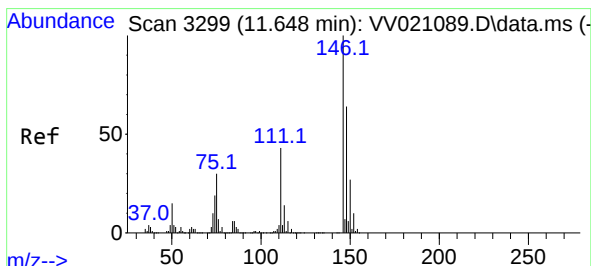
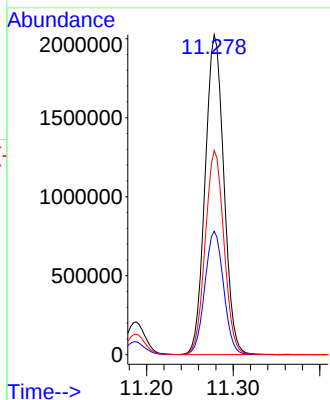
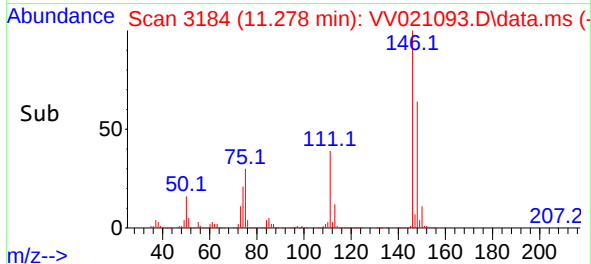
Instrument :
MSVOA_V
ClientSampled :
C0GH0



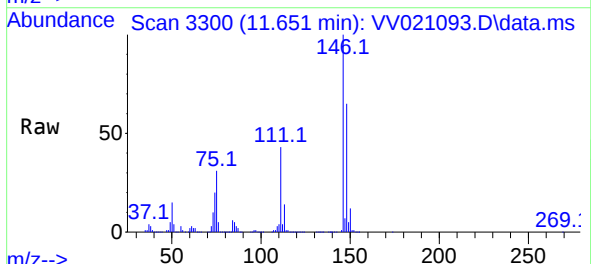
Tgt Ion:146 Resp: 3041388
Ion Ratio Lower Upper
146 100
111 38.6 26.3 48.9
148 63.8 44.7 82.9

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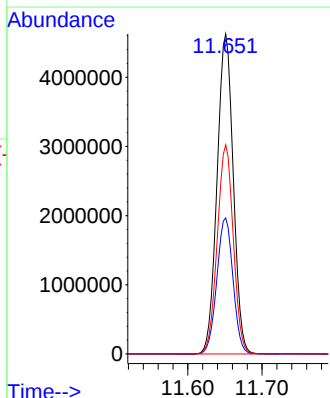
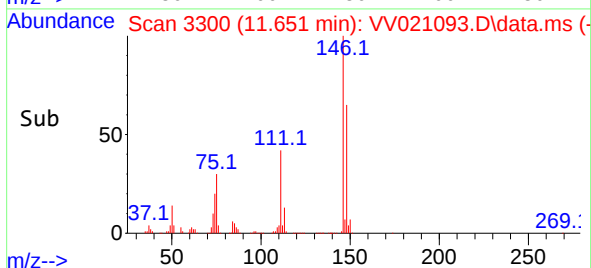
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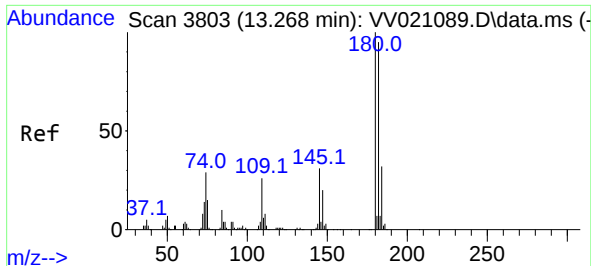


#67
1,2-Dichlorobenzene
Concen: 950.58 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV021093.D
Acq: 22 Apr 2021 13:39

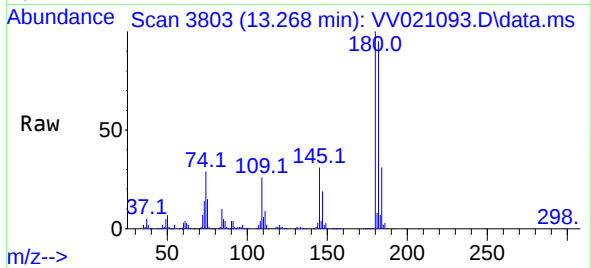


Tgt Ion:146 Resp: 7018751
Ion Ratio Lower Upper
146 100
111 42.5 33.2 49.8
148 65.3 50.6 75.8

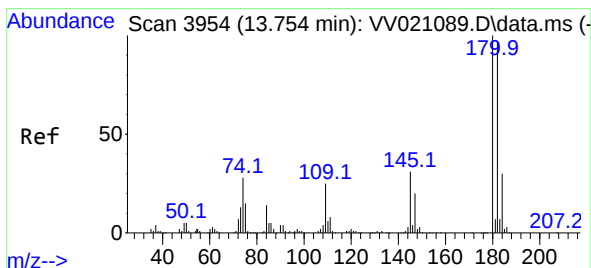
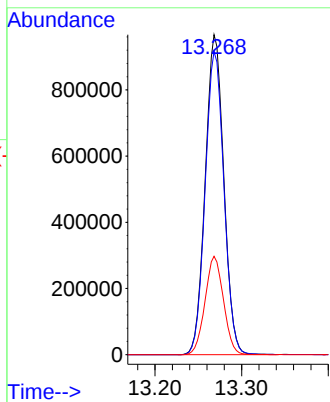
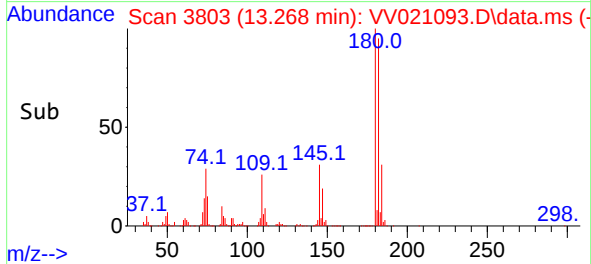




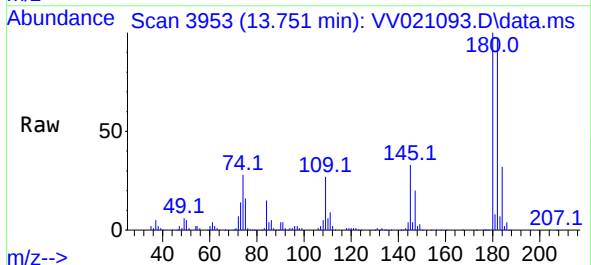
#70
1,2,4-trichlorobenzene
Concen: 315.52 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV021093.D
Acq: 22 Apr 2021 13:39



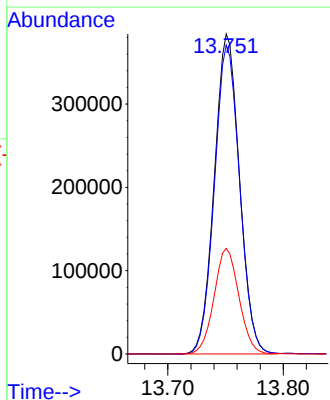
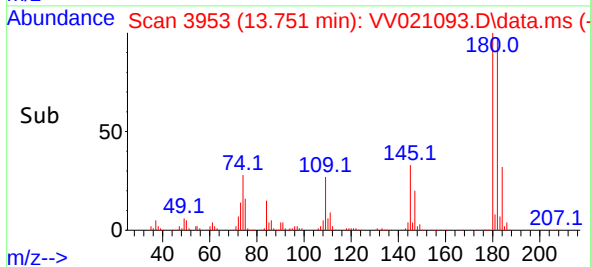
Tgt Ion:180 Resp: 1438664
Ion Ratio Lower Upper
180 100
182 95.6 77.5 116.3
145 30.6 24.3 36.5



#72
1,2,3-Trichlorobenzene
Concen: 124.95 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV021093.D
Acq: 22 Apr 2021 13:39



Tgt Ion:180 Resp: 581326
Ion Ratio Lower Upper
180 100
182 96.5 75.9 113.9
145 32.5 25.0 37.6



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