

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042221\
 Data File : VW021094.D
 Acq On : 22 Apr 2021 14:03
 Operator : SY/MD
 Sample : M2144-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GH2

Manual Integrations
 APPROVED

MMDadoda
 4/27/2021 4:41:08 PM

Quant Time: Apr 24 04:20:33 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	633037	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	619886	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	287529	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	232787	44.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.50%		
7) Chloroethane-d5	1.571	69	176458	46.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.22%		
11) 1,1-Dichloroethene-d2	2.108	63	338501	35.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.56%		
21) 2-Butanone-d5	3.912	46	258456	101.75	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.75%		
24) Chloroform-d	4.352	84	436622	47.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.16%		
26) 1,2-Dichloroethane-d4	5.034	65	302806	51.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.74%		
32) Benzene-d6	5.053	84	823486	49.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.76%		
36) 1,2-Dichloropropane-d6	6.072	67	248046	50.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.68%		
41) Toluene-d8	7.320	98	761940	47.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.38%		
43) trans-1,3-Dichloroprop...	7.625	79	128404	47.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.36%		
47) 2-Hexanone-d5	8.095	63	214935	109.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.97%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	350401	47.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.28%		
66) 1,2-Dichlorobenzene-d4	11.632	152	304570	53.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.24%		
Target Compounds					Qvalue	
13) Acetone	2.208	43	53537m	22.56	ug/L	
25) Chloroform	4.378	83	60764	6.89	ug/L	100
51) Chlorobenzene	8.886	112	27452	2.10	ug/L	91
65) 1,4-Dichlorobenzene	11.281	146	14373	1.63	ug/L	96
67) 1,2-Dichlorobenzene	11.651	146	40397	4.57	ug/L	91
70) 1,2,4-trichlorobenzene	13.275	180	12584	2.31	ug/L	94
72) 1,2,3-Trichlorobenzene	13.754	180	6411	1.15	ug/L	96

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

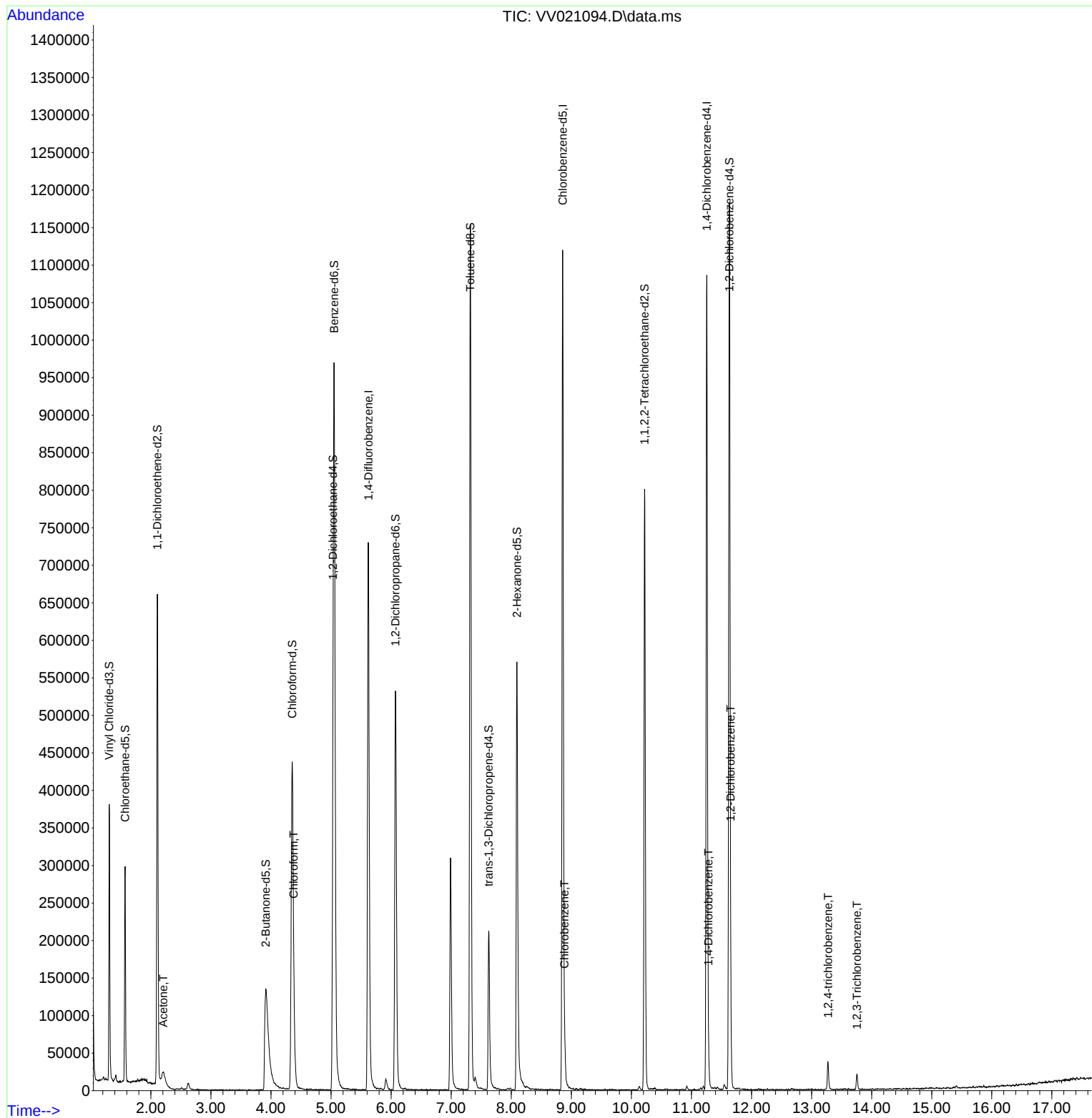
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042221\
Data File : VV021094.D
Acq On : 22 Apr 2021 14:03
Operator : SY/MD
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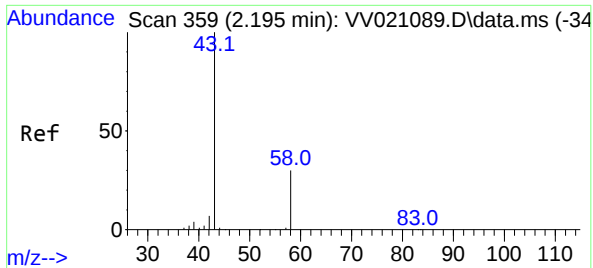
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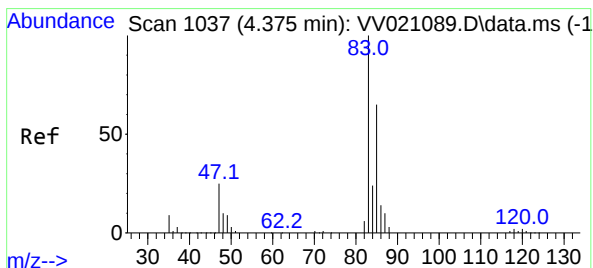
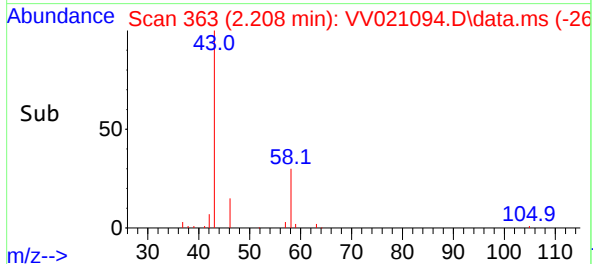
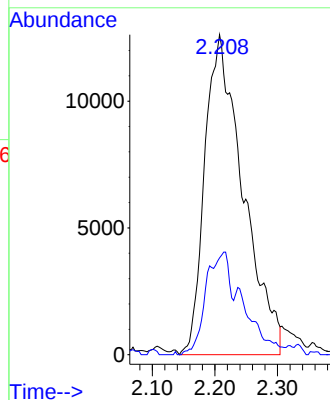
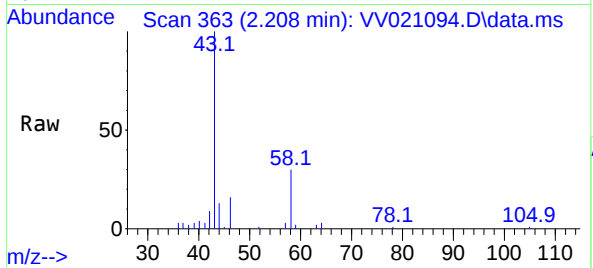
#13
Acetone
Concen: 22.56 ug/L m
RT: 2.208 min Scan# 363
Delta R.T. 0.010 min
Lab File: VV021094.D
Acq: 22 Apr 2021 14:03

Tgt Ion: 43 Resp: 53537
Ion Ratio Lower Upper
43 100
58 8.3 0.0 30.8

Instrument :
MSVOA_V
ClientSampled :
C0GH2

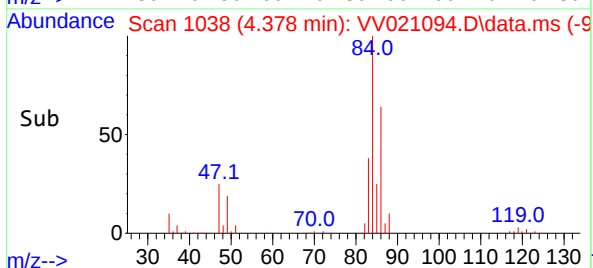
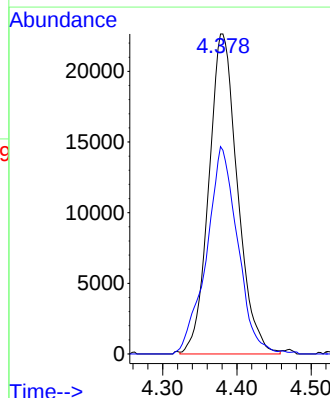
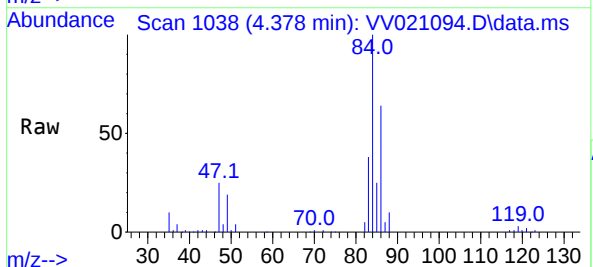
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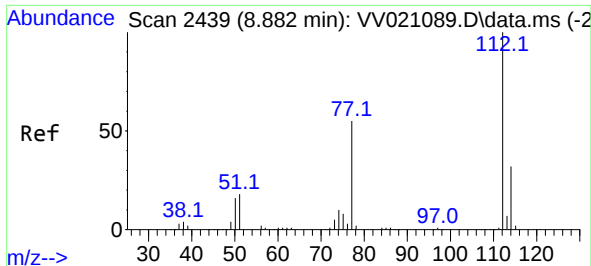
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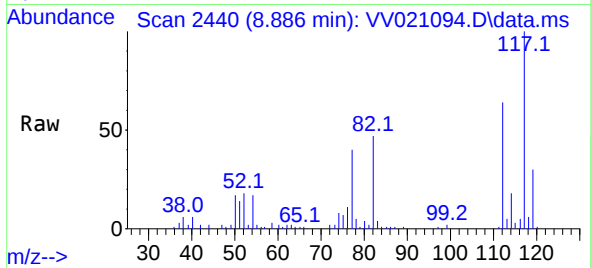
#25
Chloroform
Concen: 6.89 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021094.D
Acq: 22 Apr 2021 14:03

Tgt Ion: 83 Resp: 60764
Ion Ratio Lower Upper
83 100
85 64.8 45.6 84.6

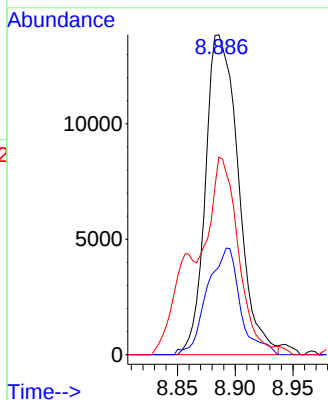
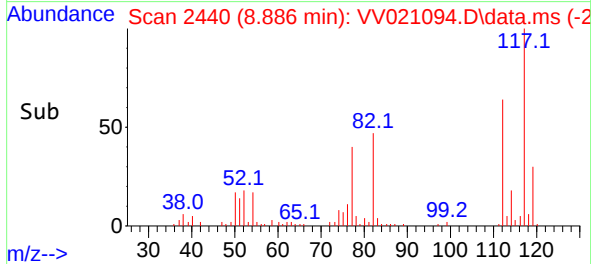




#51
Chlorobenzene
Concen: 2.10 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021094.D
Acq: 22 Apr 2021 14:03



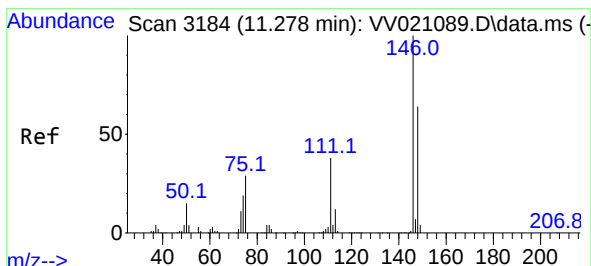
Tgt Ion:112 Resp: 27452
Ion Ratio Lower Upper
112 100
114 27.4 22.8 42.4
77 61.8 44.2 66.2



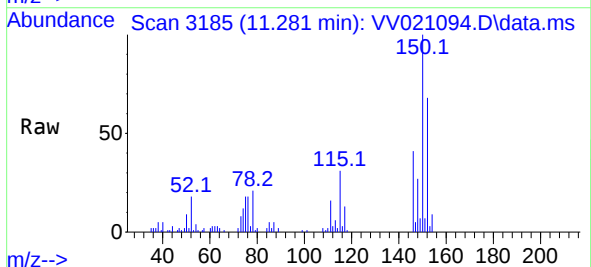
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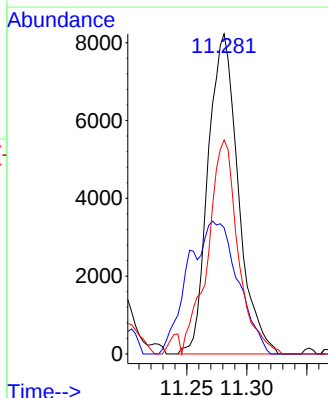
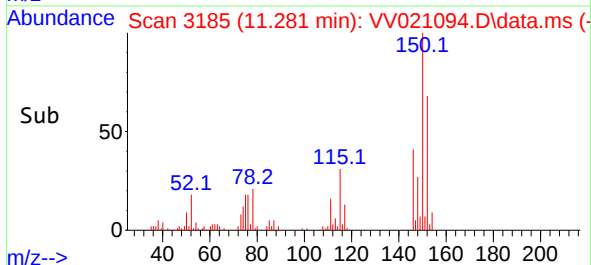
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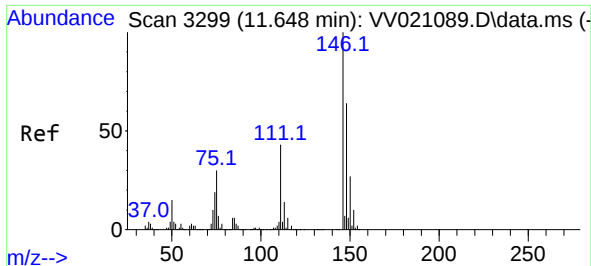


#65
1,4-Dichlorobenzene
Concen: 1.63 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VV021094.D
Acq: 22 Apr 2021 14:03



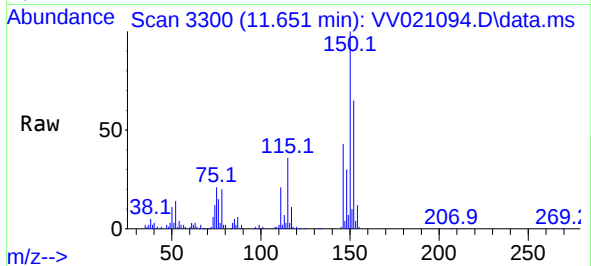
Tgt Ion:146 Resp: 14373
Ion Ratio Lower Upper
146 100
111 39.5 26.3 48.9
148 66.9 44.7 82.9





#67
1,2-Dichlorobenzene
Concen: 4.57 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV021094.D
Acq: 22 Apr 2021 14:03

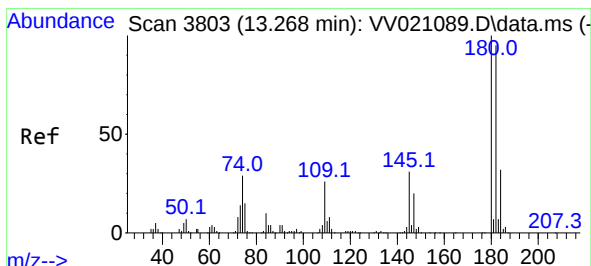
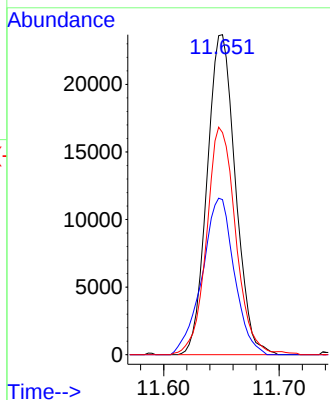
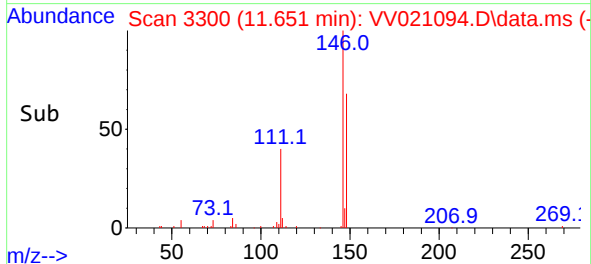
Instrument :
MSVOA_V
ClientSampled :
C0GH2



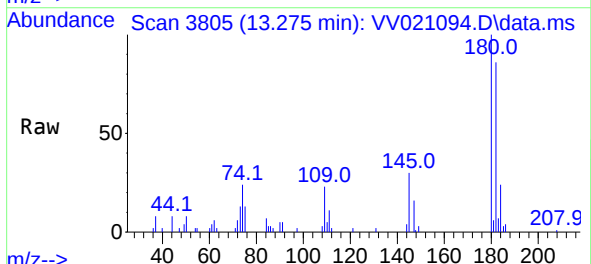
Tgt Ion:146 Resp: 40397
Ion Ratio Lower Upper
146 100
111 48.5 33.2 49.8
148 69.4 50.6 75.8

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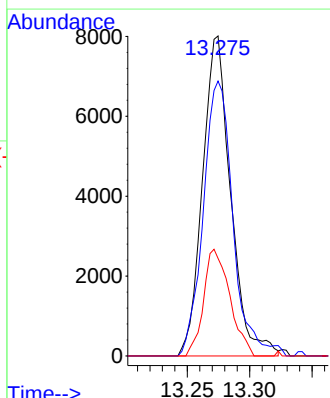
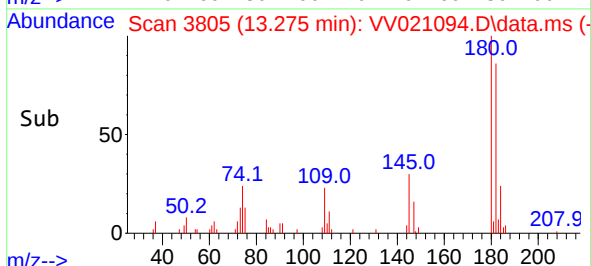
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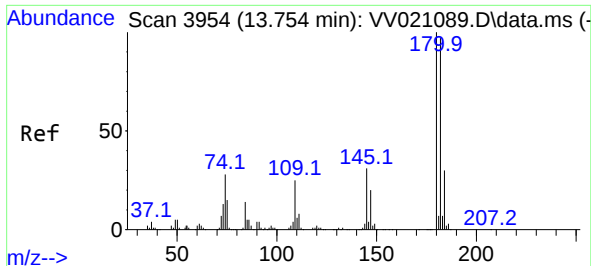


#70
1,2,4-trichlorobenzene
Concen: 2.31 ug/L
RT: 13.275 min Scan# 3805
Delta R.T. 0.006 min
Lab File: VV021094.D
Acq: 22 Apr 2021 14:03



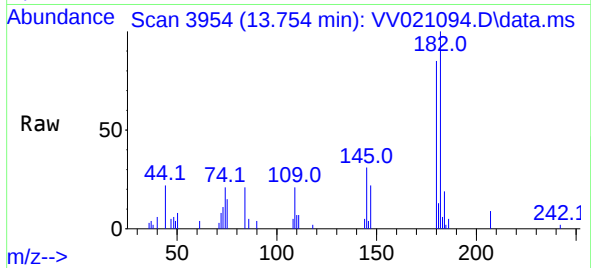
Tgt Ion:180 Resp: 12584
Ion Ratio Lower Upper
180 100
182 89.6 77.5 116.3
145 31.1 24.3 36.5





#72
 1,2,3-Trichlorobenzene
 Concen: 1.15 ug/L
 RT: 13.754 min Scan# 3954
 Delta R.T. 0.003 min
 Lab File: VV021094.D
 Acq: 22 Apr 2021 14:03

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GH2



Tgt Ion:	180	Resp:	6411
Ion	Ratio	Lower	Upper
180	100		
182	98.1	75.9	113.9
145	34.5	25.0	37.6

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