

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030719.D
 Acq On : 20 Apr 2023 16:11
 Operator : SY/MD
 Sample : 02334-06DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMJ0DL

Quant Time: Apr 21 00:19:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

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

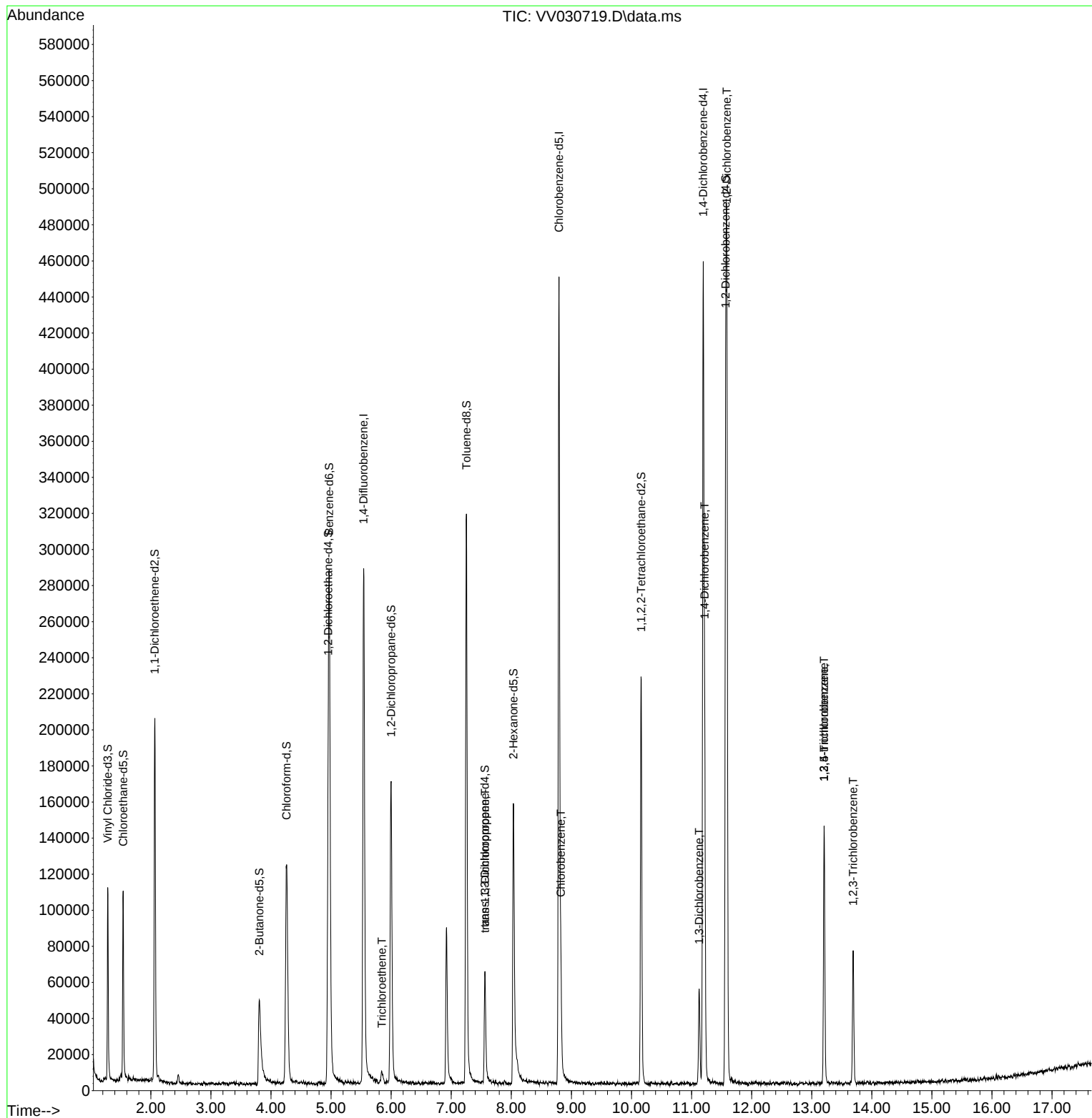
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	237636	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	233362	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	114786	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	70696	40.582	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.160%		
7) Chloroethane-d5	1.539	69	61772	42.314	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.620%		
11) 1,1-Dichloroethene-d2	2.066	65	34422	41.666	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.340%		
21) 2-Butanone-d5	3.805	46	83206	86.959	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.960%		
24) Chloroform-d	4.259	84	127671	40.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.880%		
26) 1,2-Dichloroethane-d4	4.953	65	87942	43.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.660%		
32) Benzene-d6	4.969	84	236615	42.886	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.780%		
36) 1,2-Dichloropropane-d6	5.998	67	72568	42.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.680%		
41) Toluene-d8	7.252	98	210657	40.665	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.340%		
43) trans-1,3-Dichloroprop...	7.561	79	35559	41.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.340%		
47) 2-Hexanone-d5	8.034	63	55085	81.590	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.590%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	99902	40.172	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.340%		
66) 1,2-Dichlorobenzene-d4	11.567	152	89921	49.286	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.580%		
Target Compounds						Qvalue
34) Trichloroethene	5.847	95	1689	0.916	ug/L	94
44) trans-1,3-Dichloropropene	7.564	75	2195	0.780	ug/L #	70
51) Chlorobenzene	8.824	112	32274	6.420	ug/L	96
64) 1,3-Dichlorobenzene	11.127	146	21188	5.912	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	74910	19.821	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	145504	40.242	ug/L	99
69) 1,3,5-Trichlorobenzene	13.207	180	42724	15.780	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	42724	18.586	ug/L	97
72) 1,2,3-Trichlorobenzene	13.689	180	21638	9.493	ug/L	97

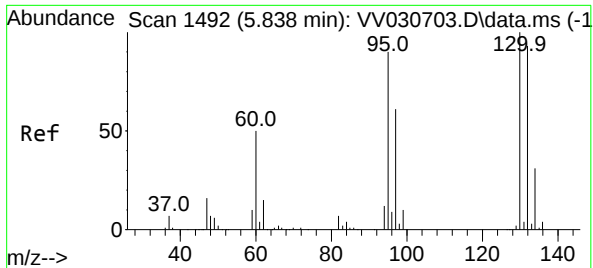
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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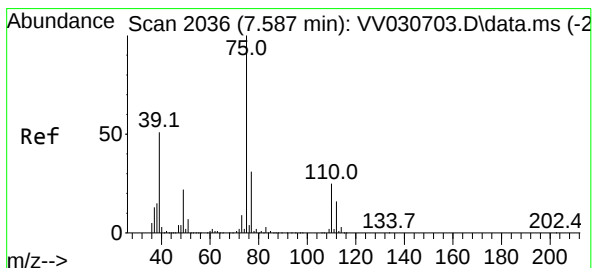
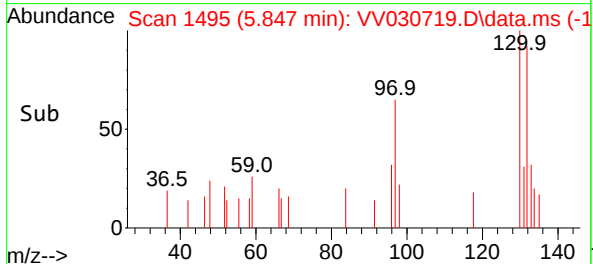
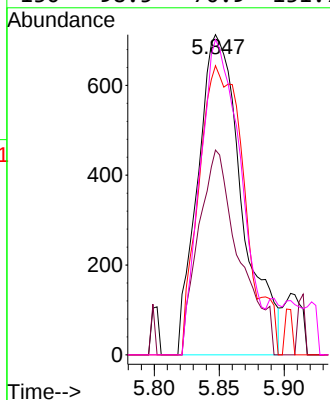
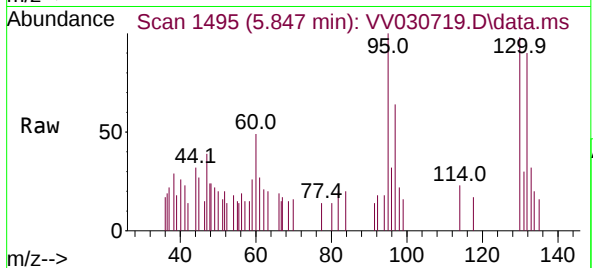


#34
 Trichloroethene
 Concen: 0.916 ug/L
 RT: 5.847 min Scan# 1492
 Delta R.T. 0.010 min
 Lab File: VV030719.D
 Acq: 20 Apr 2023 16:11

Instrument :
 MSVOA_V
 ClientSampleId :
 COMJ0DL

Tgt Ion: 95 Resp: 1689

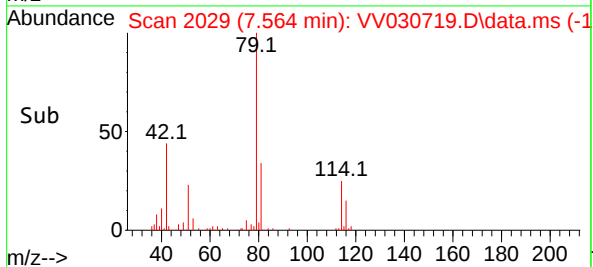
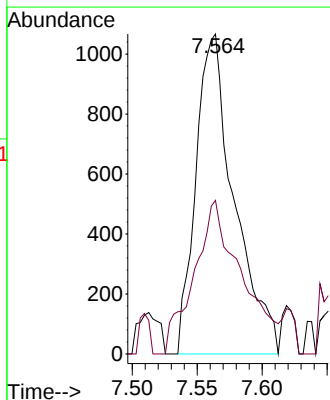
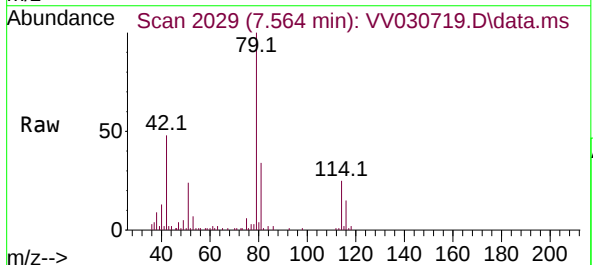
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.8	85.2
132	90.3	70.6	131.2
130	98.5	70.9	131.7

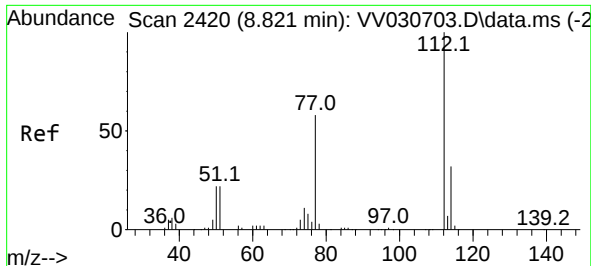


#44
 trans-1,3-Dichloropropene
 Concen: 0.780 ug/L
 RT: 7.564 min Scan# 2029
 Delta R.T. -0.023 min
 Lab File: VV030719.D
 Acq: 20 Apr 2023 16:11

Tgt Ion: 75 Resp: 2195

Ion	Ratio	Lower	Upper
75	100		
77	48.0	22.1	41.1#

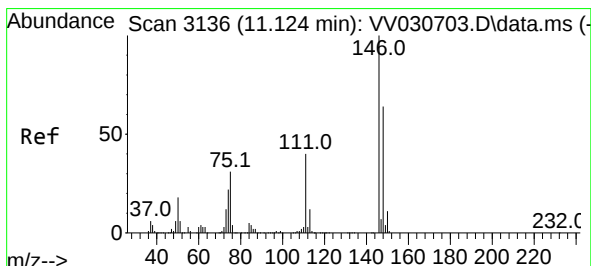
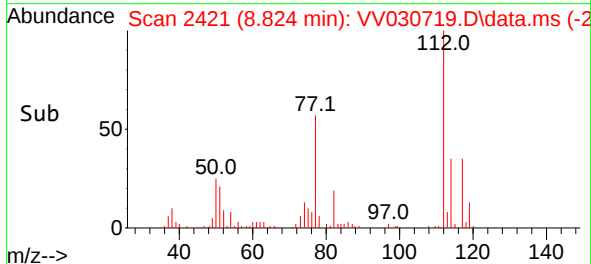
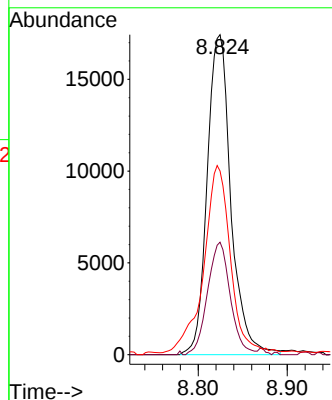
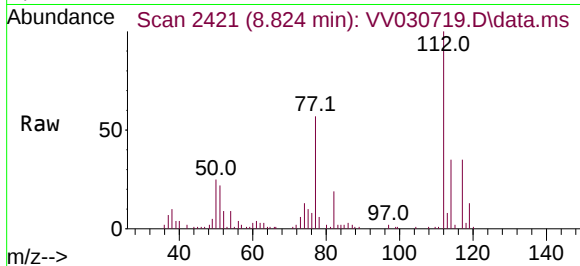




#51
Chlorobenzene
Concen: 6.420 ug/L
RT: 8.824 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV030719.D
Acq: 20 Apr 2023 16:11

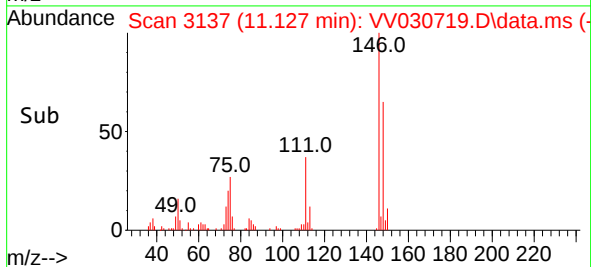
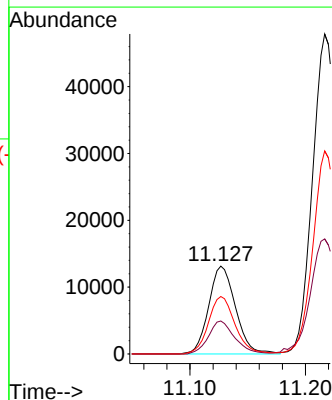
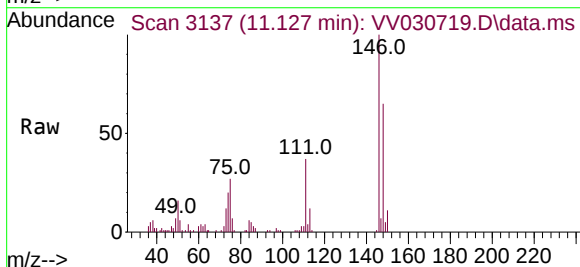
Instrument :
MSVOA_V
ClientSampleId :
COMJ0DL

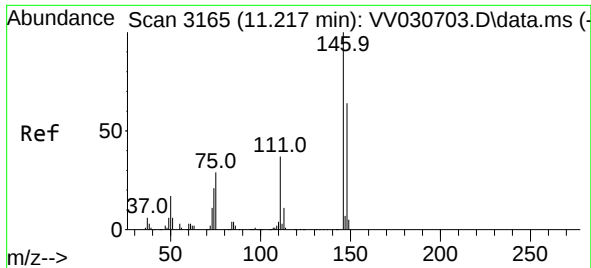
Tgt Ion:112 Resp: 32274
Ion Ratio Lower Upper
112 100
114 35.1 22.4 41.6
77 57.4 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 5.912 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030719.D
Acq: 20 Apr 2023 16:11

Tgt Ion:146 Resp: 21188
Ion Ratio Lower Upper
146 100
111 37.5 27.0 50.2
148 65.4 44.8 83.2

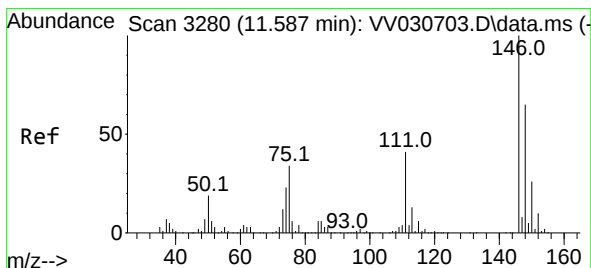
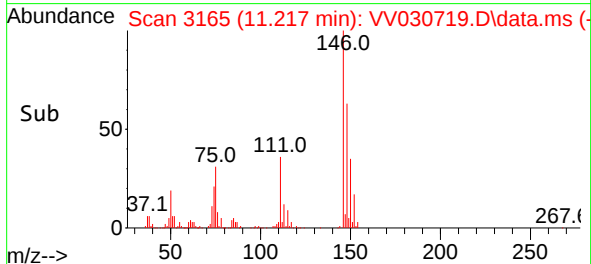
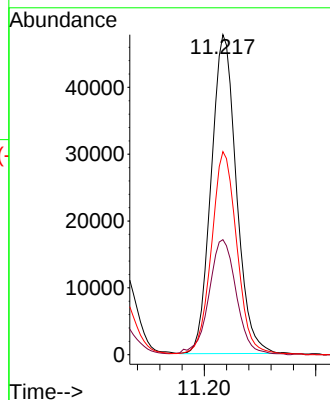
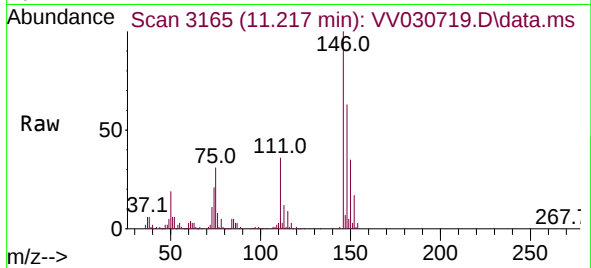




#65
1,4-Dichlorobenzene
Concen: 19.821 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030719.D
Acq: 20 Apr 2023 16:11

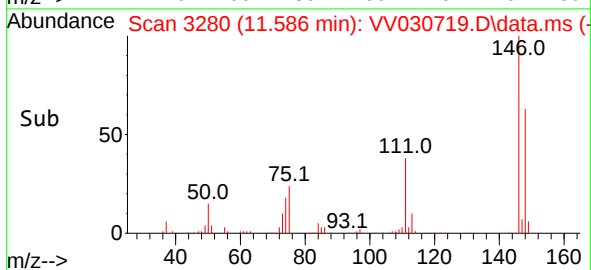
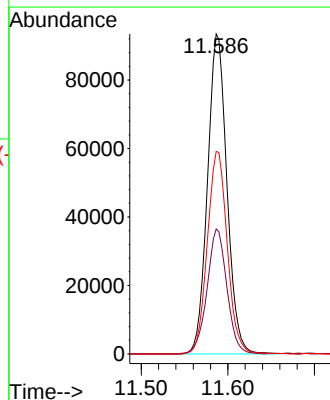
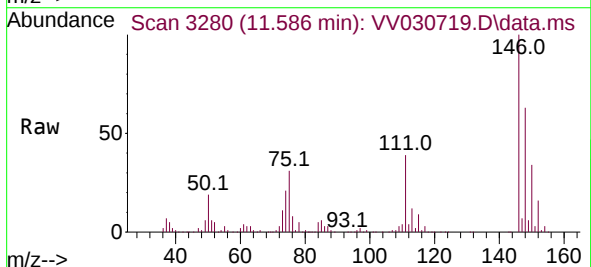
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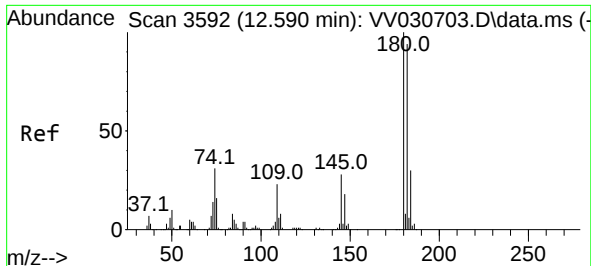
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	26.5	49.1
148	63.5	44.7	83.1



#67
1,2-Dichlorobenzene
Concen: 40.242 ug/L
RT: 11.586 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030719.D
Acq: 20 Apr 2023 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	32.0	48.0
148	63.3	50.6	76.0





#69

1,3,5-Trichlorobenzene

Concen: 15.780 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.617 min

Lab File: VV030719.D

Acq: 20 Apr 2023 16:11

Instrument :

MSVOA_V

ClientSampleId :

COMJ0DL

Tgt Ion:180 Resp: 42724

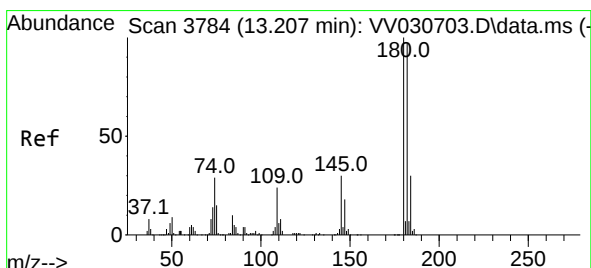
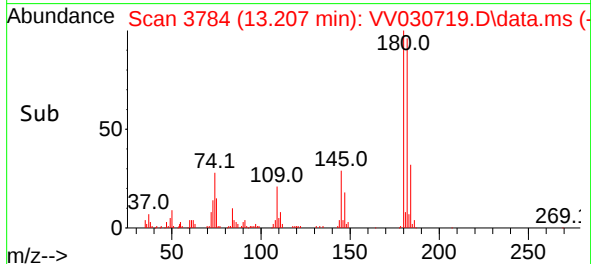
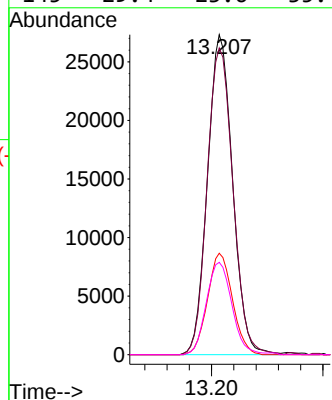
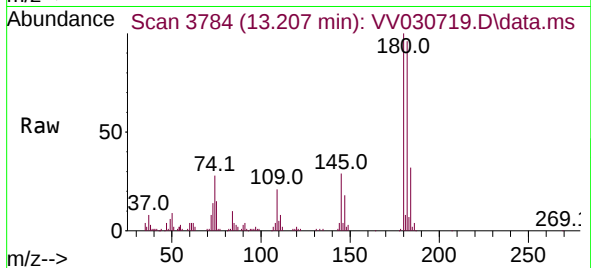
Ion Ratio Lower Upper

180 100

182 98.5 76.4 114.6

184 31.4 24.1 36.1

145 29.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 18.586 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030719.D

Acq: 20 Apr 2023 16:11

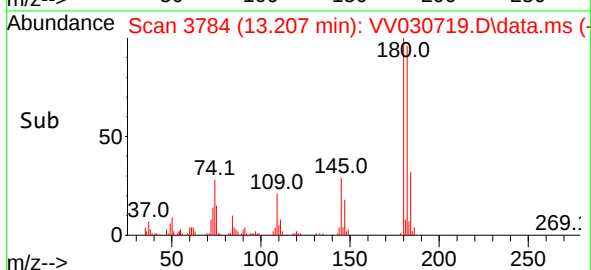
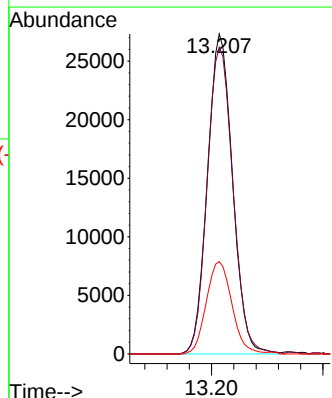
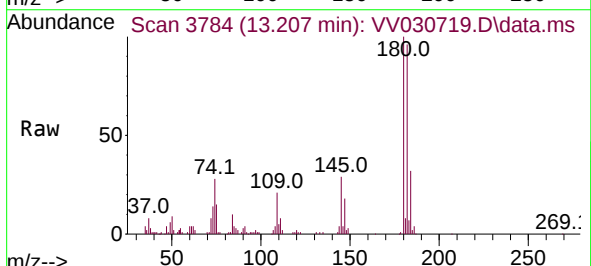
Tgt Ion:180 Resp: 42724

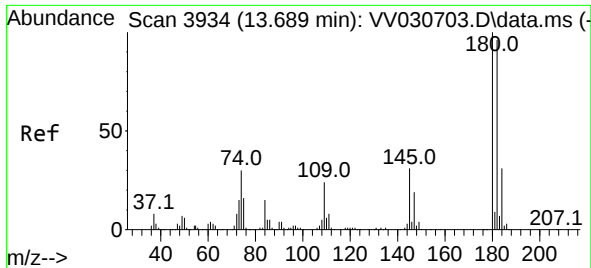
Ion Ratio Lower Upper

180 100

182 98.5 75.9 113.9

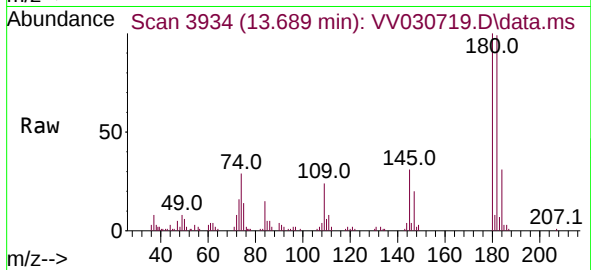
145 29.4 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 9.493 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. -0.000 min
 Lab File: VV030719.D
 Acq: 20 Apr 2023 16:11

Instrument :
 MSVOA_V
 ClientSampleId :
 COMJ0DL



Tgt Ion:180 Resp: 21638
 Ion Ratio Lower Upper
 180 100
 182 99.6 76.2 114.4
 145 31.1 25.1 37.7

