

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033506.D
 Acq On : 20 Dec 2023 13:00
 Operator : SY/MD
 Sample : 05850-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 21 01:46:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

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

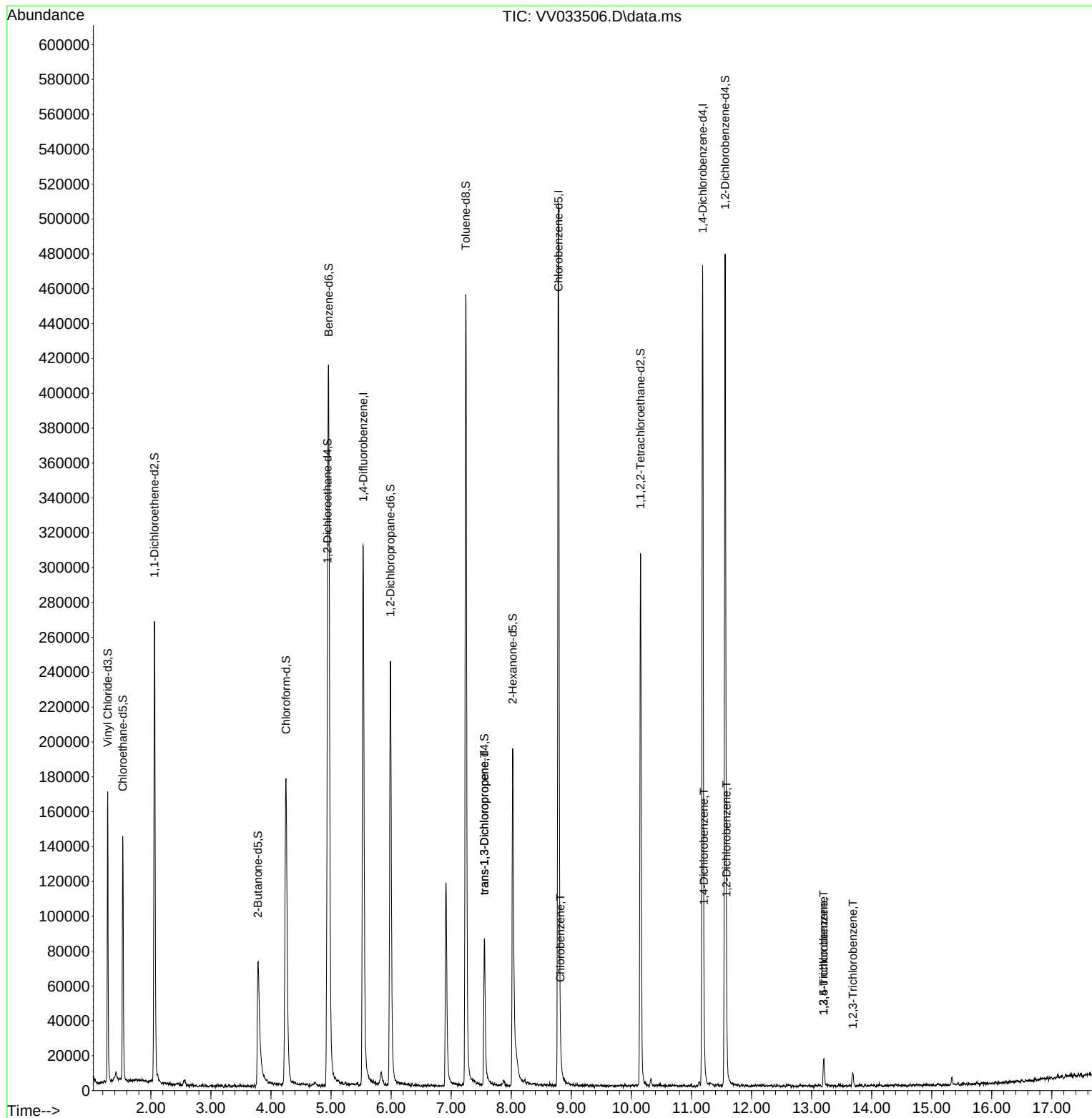
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	263039	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	272596	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	114922	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	101582	50.148	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 100.300%		
7) Chloroethane-d5	1.532	69	90417	49.739	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 99.480%		
11) 1,1-Dichloroethene-d2	2.059	65	45241	44.866	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 89.740%		
21) 2-Butanone-d5	3.783	46	94520	92.585	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 92.590%		
24) Chloroform-d	4.249	84	186748	46.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 93.220%		
26) 1,2-Dichloroethane-d4	4.940	65	122493	49.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 99.520%		
32) Benzene-d6	4.960	84	359105	48.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 97.820%		
36) 1,2-Dichloropropane-d6	5.989	67	115465	51.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 103.640%		
41) Toluene-d8	7.243	98	304217	45.284	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 90.560%		
43) trans-1,3-Dichloroprop...	7.551	79	48103	44.049	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 88.100%		
47) 2-Hexanone-d5	8.024	63	63241	84.381	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 84.380%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	144283	45.052	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 90.100%		
66) 1,2-Dichlorobenzene-d4	11.561	152	113468	52.542	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 105.080%		
Target Compounds						
					Qvalue	
44) trans-1,3-Dichloropropene	7.551	75	2290	0.796	ug/L	91
51) Chlorobenzene	8.818	112	5201	0.937	ug/L	92
65) 1,4-Dichlorobenzene	11.207	146	3646	0.999	ug/L	90
67) 1,2-Dichlorobenzene	11.583	146	9697	2.747	ug/L	96
69) 1,3,5-Trichlorobenzene	13.201	180	4050	1.727	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	4050	1.975	ug/L	96
72) 1,2,3-Trichlorobenzene	13.686	180	2265	1.129	ug/L	95

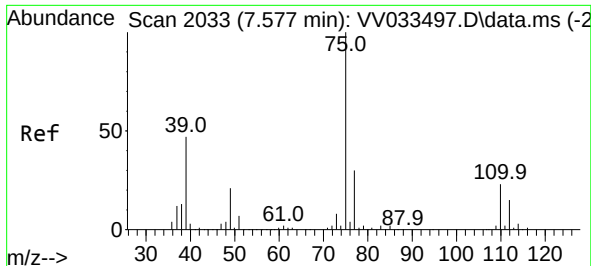
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : 05850-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 21 01:46:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 21 01:43:54 2023
Response via : Initial Calibration

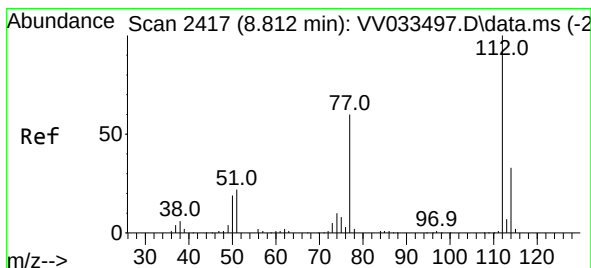
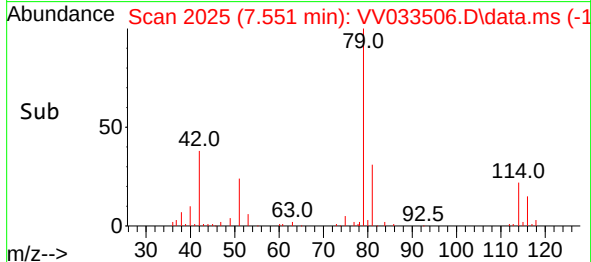
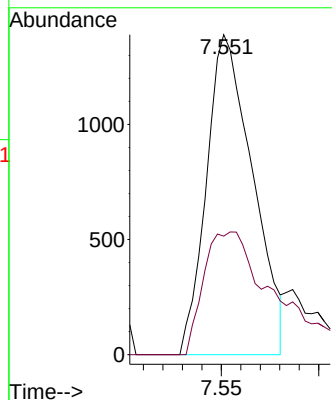
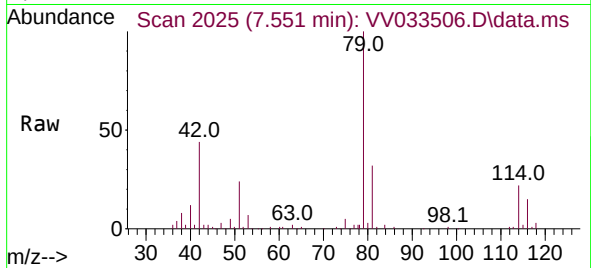




#44
trans-1,3-Dichloropropene
Concen: 0.796 ug/L
RT: 7.551 min Scan# 2033
Delta R.T. -0.026 min
Lab File: VV033506.D
Acq: 20 Dec 2023 13:00

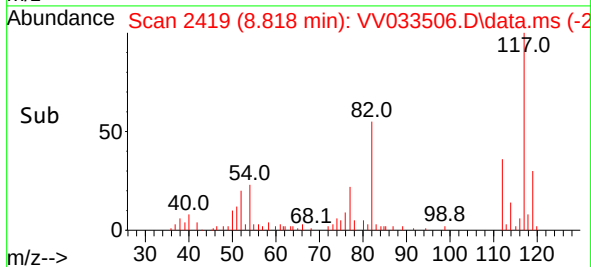
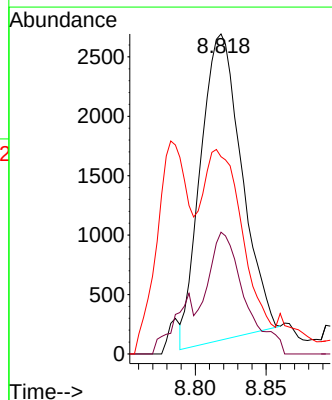
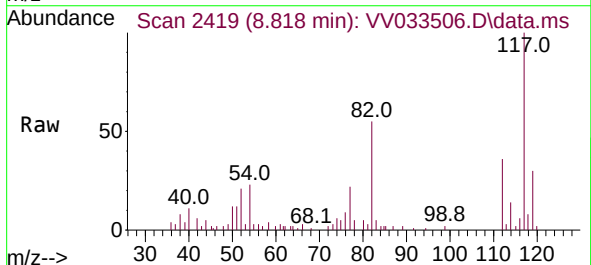
Instrument :
MSVOA_V
ClientSampleId :

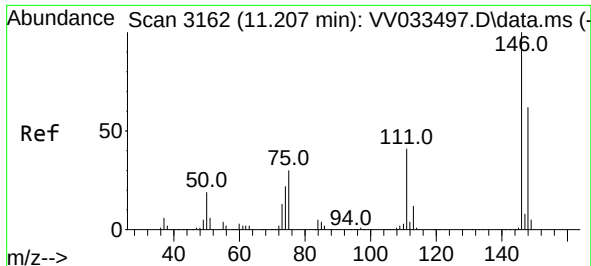
Tgt Ion: 75 Resp: 2290
Ion Ratio Lower Upper
75 100
77 37.1 22.4 41.6



#51
Chlorobenzene
Concen: 0.937 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.006 min
Lab File: VV033506.D
Acq: 20 Dec 2023 13:00

Tgt Ion: 112 Resp: 5201
Ion Ratio Lower Upper
112 100
114 38.0 22.5 41.7
77 61.6 45.2 67.8





#65

1,4-Dichlorobenzene

Concen: 0.999 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

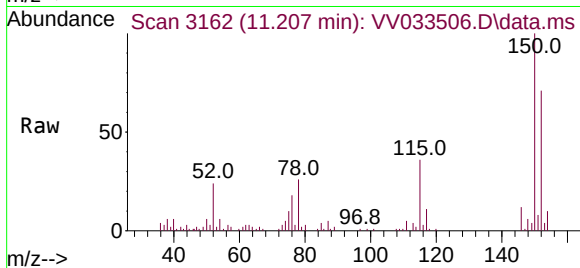
Lab File: VV033506.D

Acq: 20 Dec 2023 13:00

Instrument :

MSVOA_V

ClientSampleId :



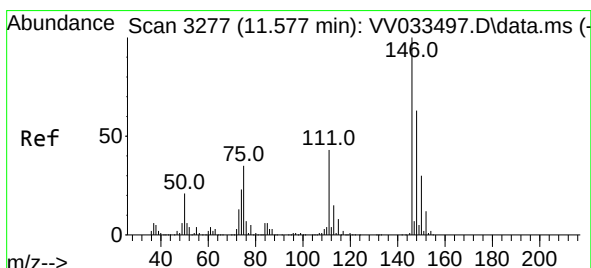
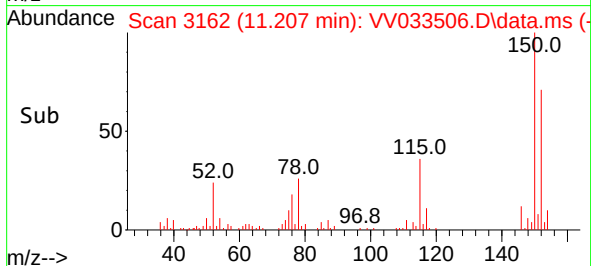
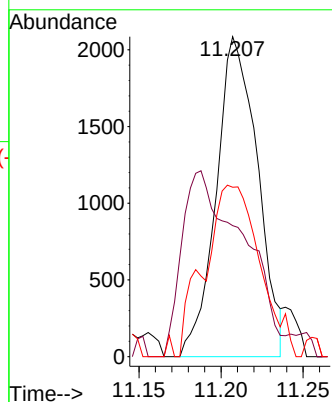
Tgt Ion:146 Resp: 3646

Ion Ratio Lower Upper

146 100

111 40.9 27.9 51.7

148 52.9 45.5 84.5



#67

1,2-Dichlorobenzene

Concen: 2.747 ug/L

RT: 11.583 min Scan# 3279

Delta R.T. 0.006 min

Lab File: VV033506.D

Acq: 20 Dec 2023 13:00

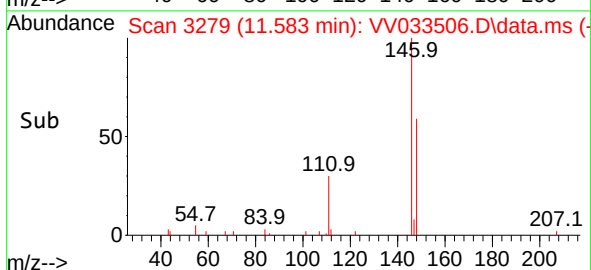
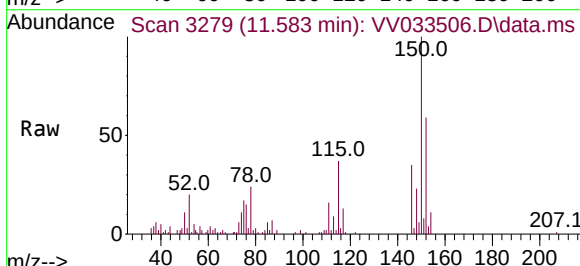
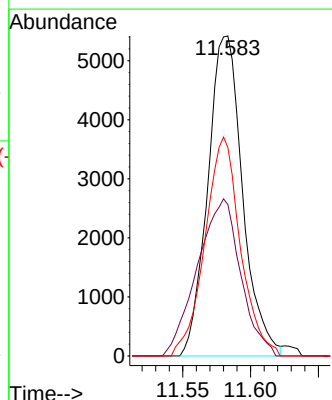
Tgt Ion:146 Resp: 9697

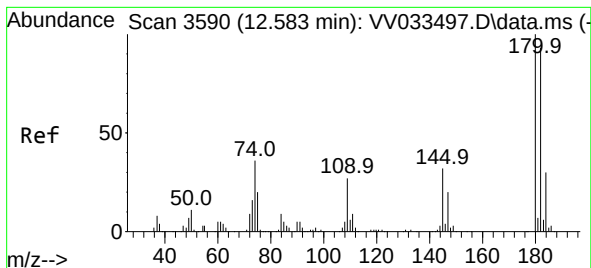
Ion Ratio Lower Upper

146 100

111 47.3 33.5 50.3

148 65.1 51.1 76.7





#69

1,3,5-Trichlorobenzene

Concen: 1.727 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.617 min

Lab File: VV033506.D

Acq: 20 Dec 2023 13:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 4050

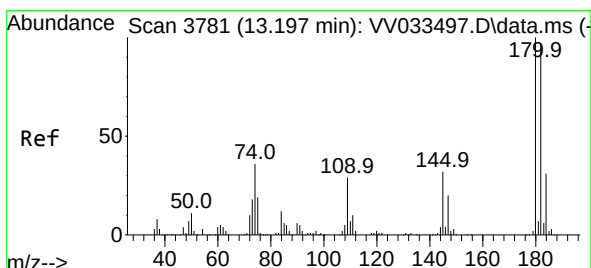
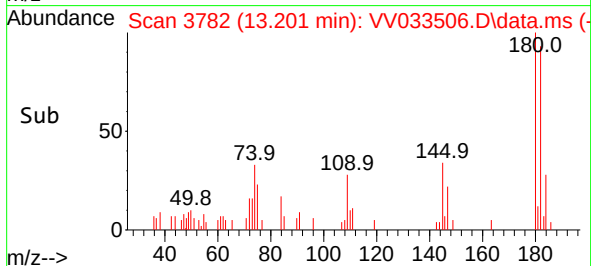
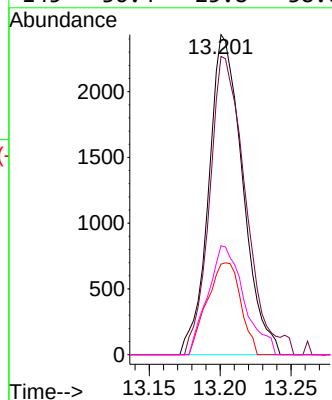
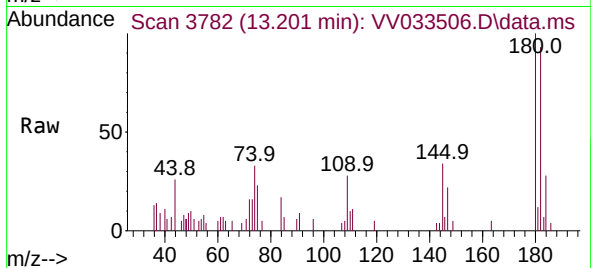
Ion Ratio Lower Upper

180 100

182 97.3 76.2 114.4

184 28.2 24.4 36.6

145 36.4 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 1.975 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV033506.D

Acq: 20 Dec 2023 13:00

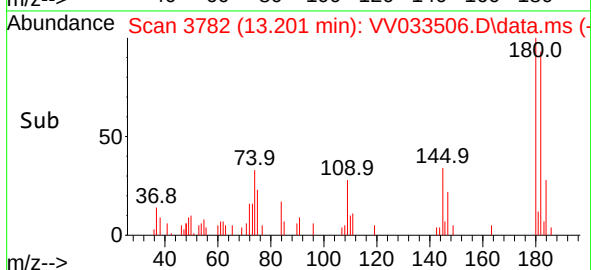
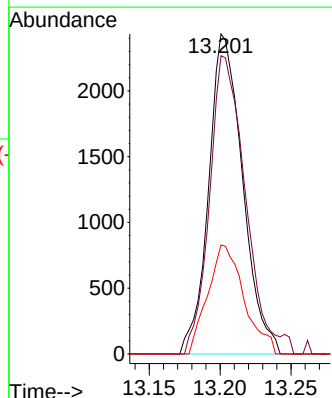
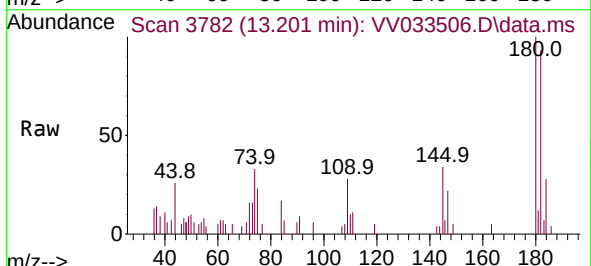
Tgt Ion:180 Resp: 4050

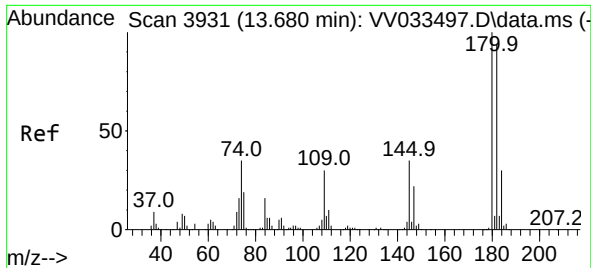
Ion Ratio Lower Upper

180 100

182 97.3 76.1 114.1

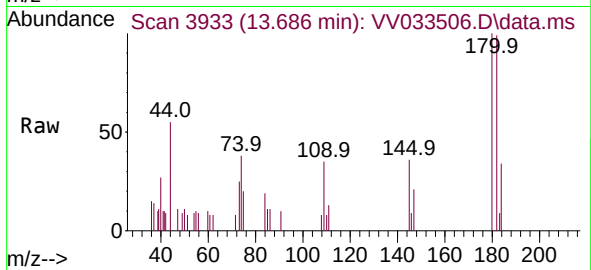
145 36.4 25.6 38.4





#72
 1,2,3-Trichlorobenzene
 Concen: 1.129 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.006 min
 Lab File: VV033506.D
 Acq: 20 Dec 2023 13:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	76.2	114.2
145	37.4	27.1	40.7

