

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 :
 C0QM0

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)

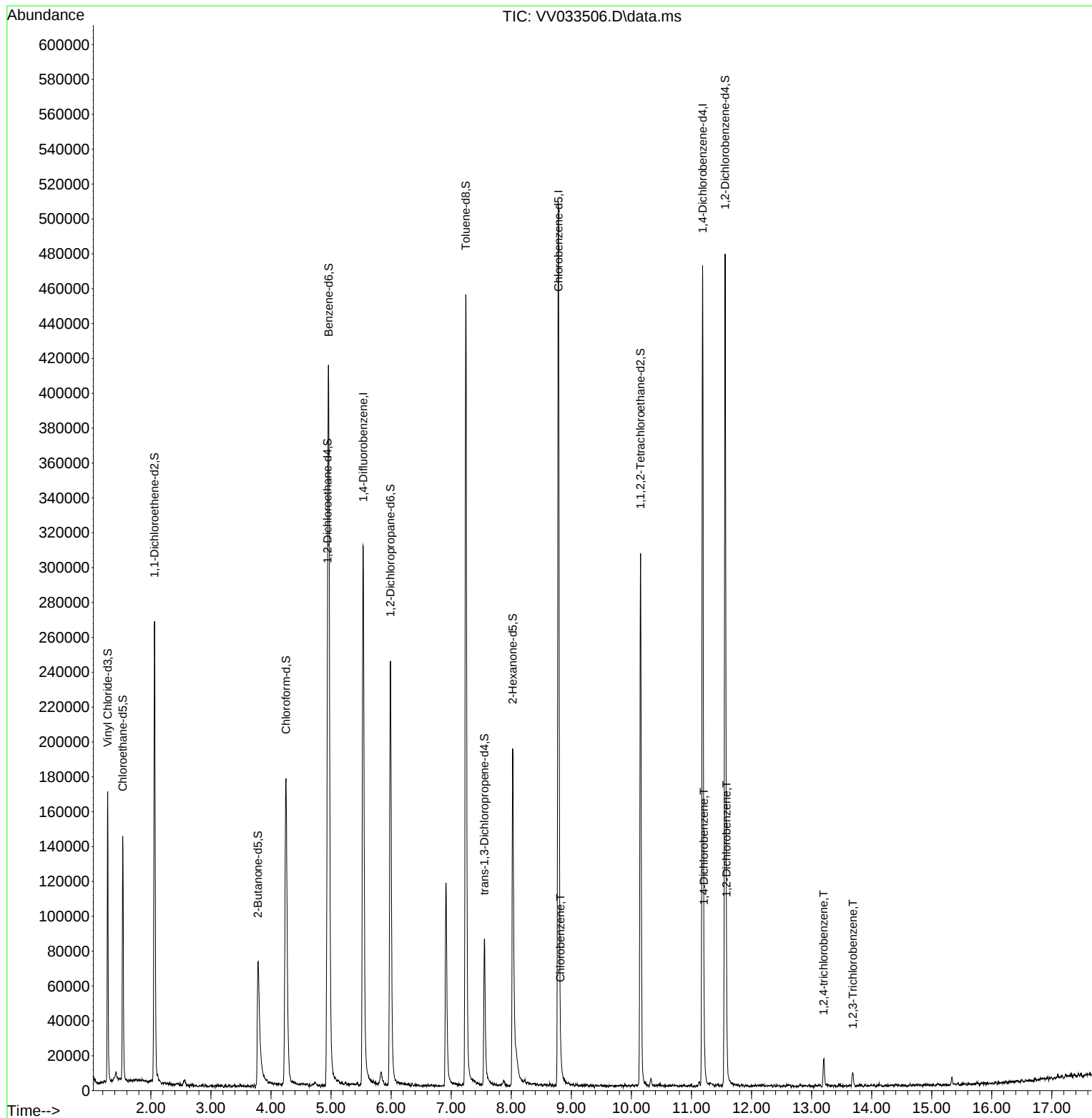
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	263039	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	272596	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	114922	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	101582	50.148	ug/L	0.00
Spiked Amount	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	
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
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

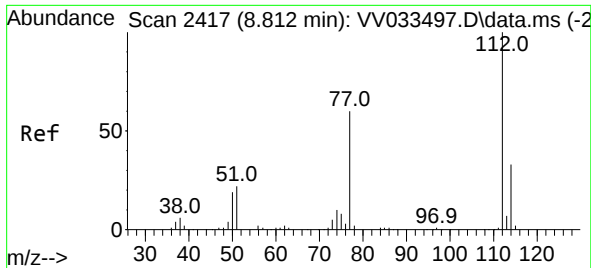
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 01:43:54 2023
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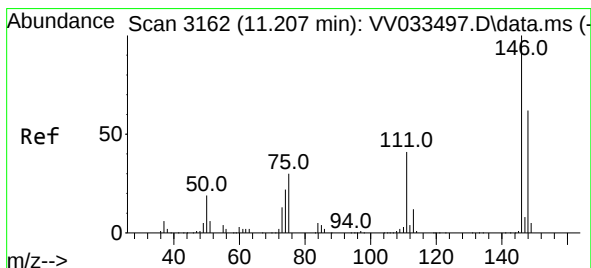
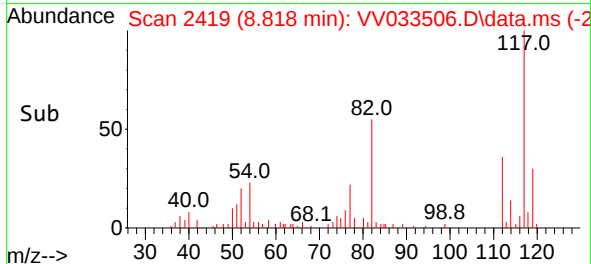
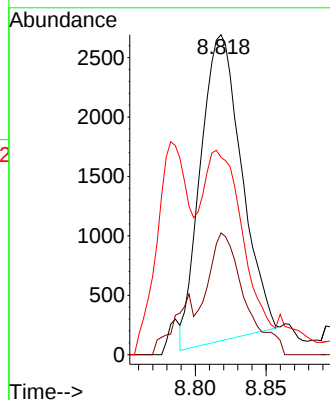
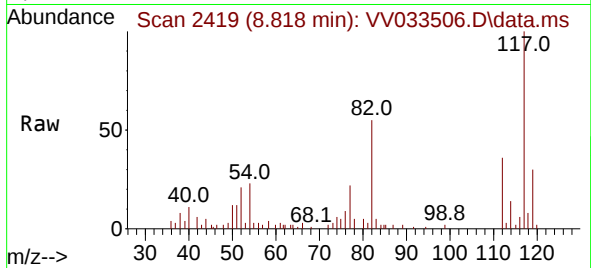




#51
Chlorobenzene
Concen: 0.937 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.006 min
Lab File: VV033506.D
Acq: 20 Dec 2023 13:00

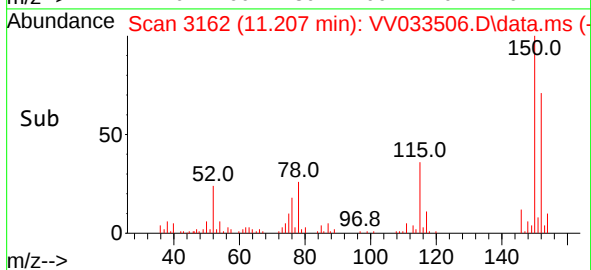
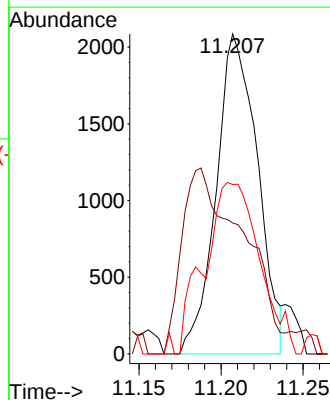
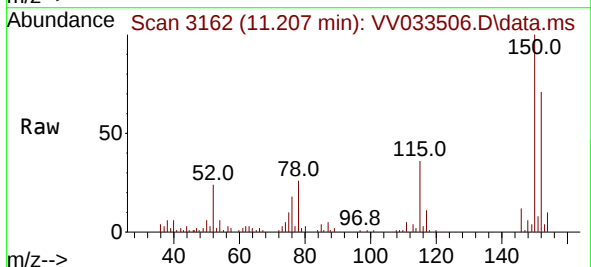
Instrument :
MSVOA_V
ClientSampleId :
C0QM0

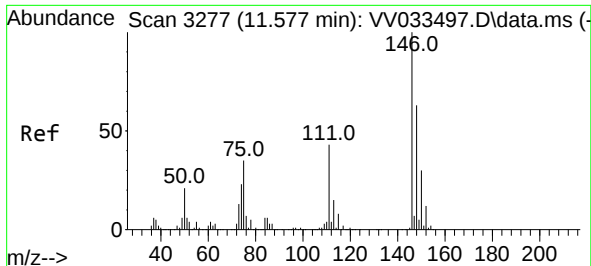
Tgt Ion:	112	Resp:	5201
Ion Ratio	Lower	Upper	
112	100		
114	38.0	22.5	41.7
77	61.6	45.2	67.8



#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

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

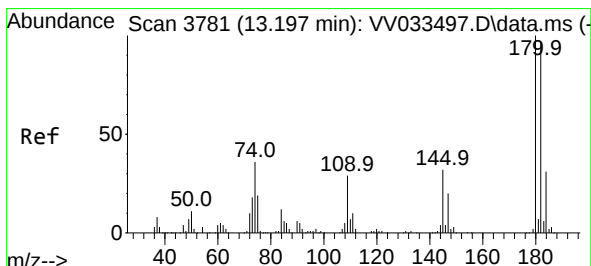
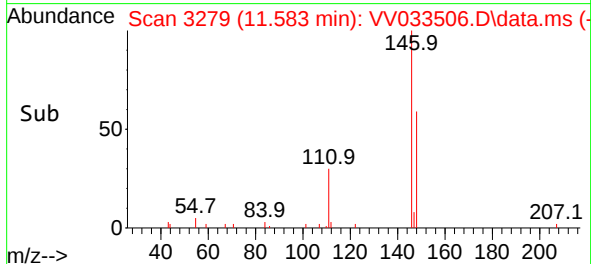
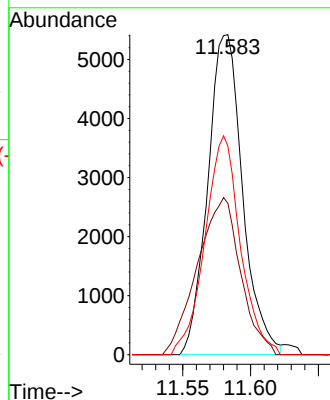
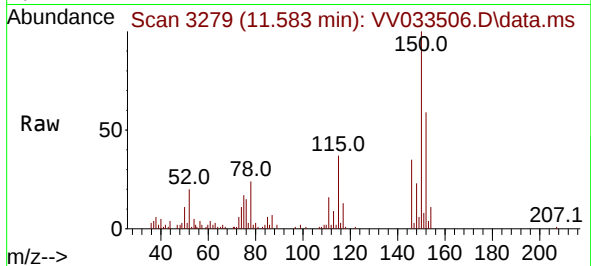




#67
1,2-Dichlorobenzene
Concen: 2.747 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV033506.D
Acq: 20 Dec 2023 13:00

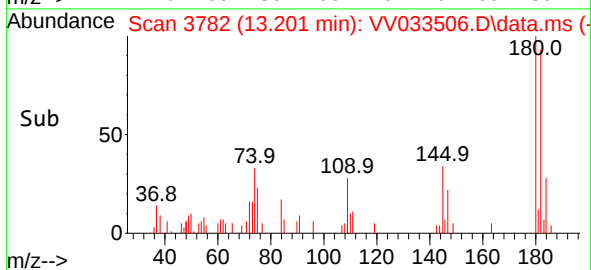
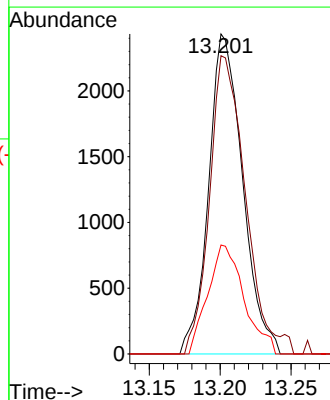
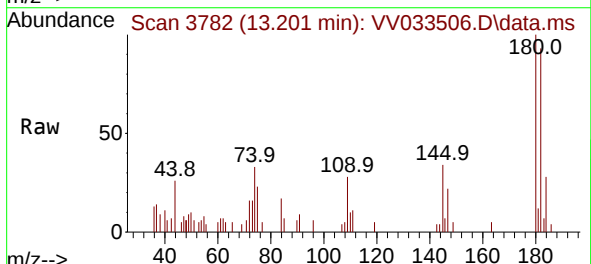
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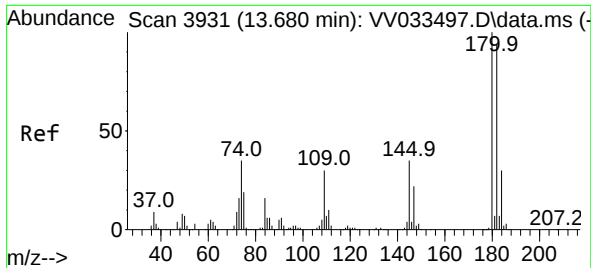
Tgt Ion:146 Resp: 9697
Ion Ratio Lower Upper
146 100
111 47.3 33.5 50.3
148 65.1 51.1 76.7



#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

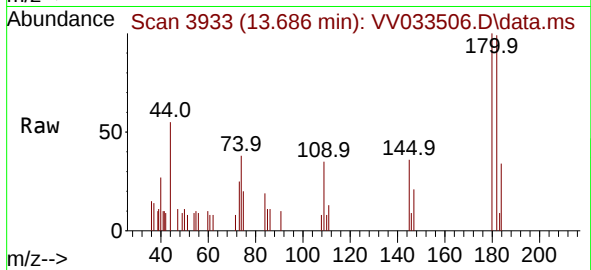
Tgt Ion:180 Resp: 4050
Ion Ratio Lower Upper
180 100
182 97.3 76.1 114.1
145 36.4 25.6 38.4





#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 :
 C0QM0



Tgt Ion:	180	Resp:	2265
Ion Ratio	Lower	Upper	
180	100		
182	91.3	76.2	114.2
145	37.4	27.1	40.7

