

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
 Data File : VW027779.D
 Acq On : 19 Dec 2023 15:12
 Operator : SY/MD
 Sample : 05835-03
 Misc : 2.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B33

Quant Time: Dec 19 22:36:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

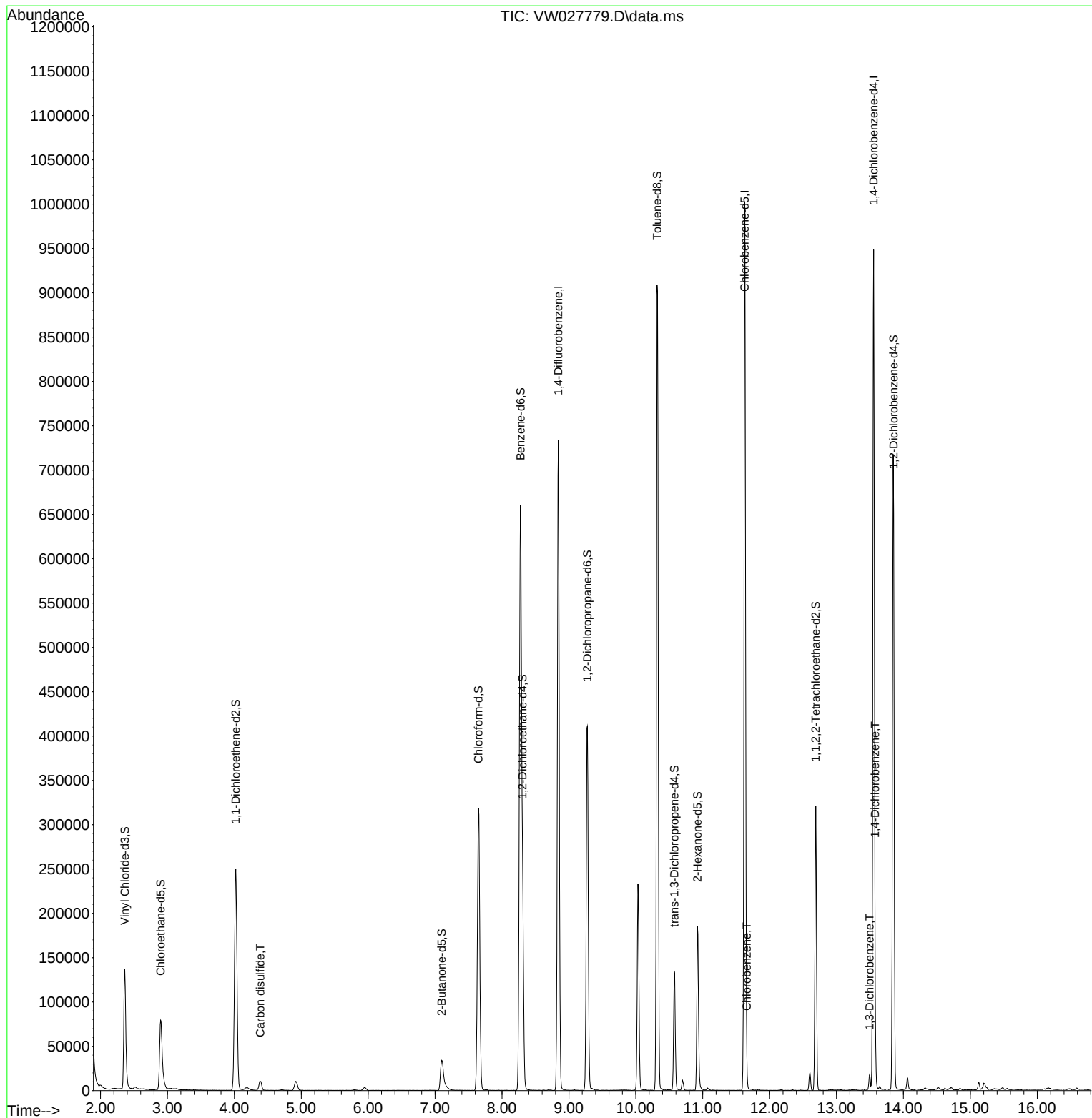
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	676376	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	585483	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	266376	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	182127	19.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.040%
7) Chloroethane-d5	2.899	69	129870	17.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.640%
11) 1,1-Dichloroethene-d2	4.021	65	74616	19.450	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.800%
21) 2-Butanone-d5	7.100	46	67809	41.571	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.140%
24) Chloroform-d	7.648	84	341217	21.201	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	8.307	65	165233	21.865	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.480%
32) Benzene-d6	8.276	84	745622	21.791	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.160%
36) 1,2-Dichloropropane-d6	9.276	67	211302	21.797	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.200%
41) Toluene-d8	10.319	98	659577	20.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.120%
43) trans-1,3-Dichloroprop...	10.575	79	79663	21.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.880%
47) 2-Hexanone-d5	10.922	63	70645	50.007	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	160697	21.920	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.680%
66) 1,2-Dichlorobenzene-d4	13.855	152	203978	21.392	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.560%
Target Compounds						Qvalue
14) Carbon disulfide	4.387	76	23920	0.859	ug/L	100
51) Chlorobenzene	11.660	112	9198	0.394	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	7322	0.451	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	33392	2.046	ug/L	96

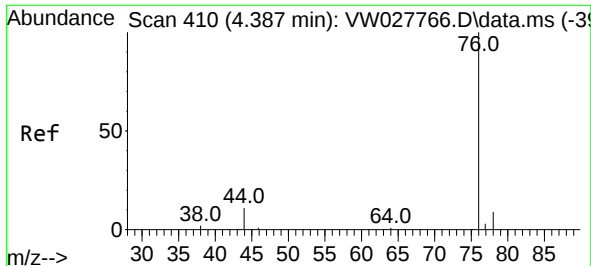
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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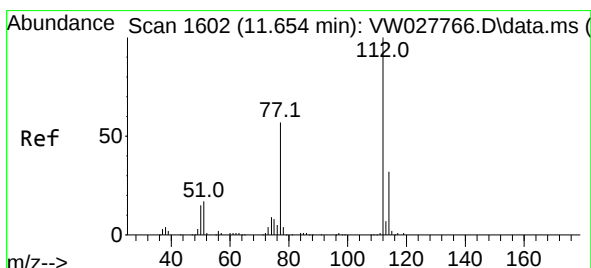
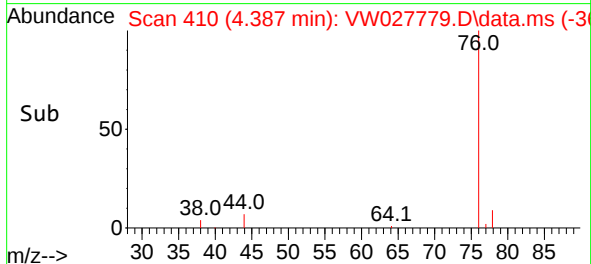
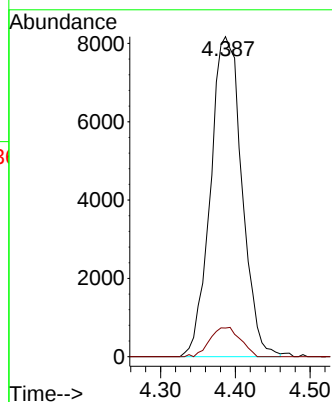
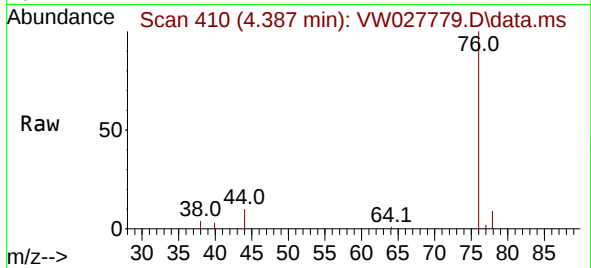




#14
Carbon disulfide
Concen: 0.859 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW027779.D
Acq: 19 Dec 2023 15:12

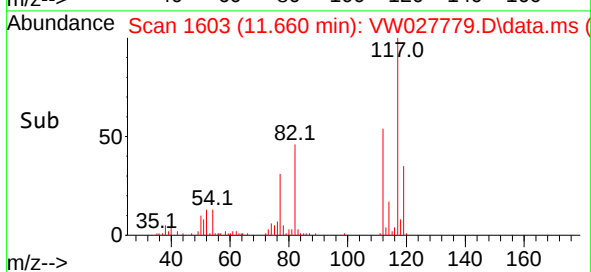
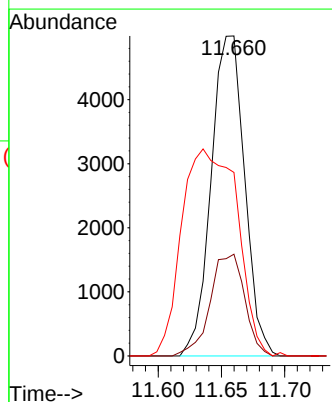
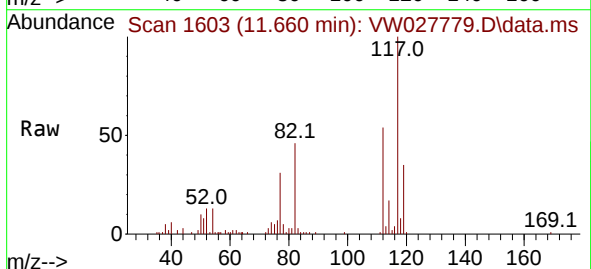
Instrument :
MSVOA_W
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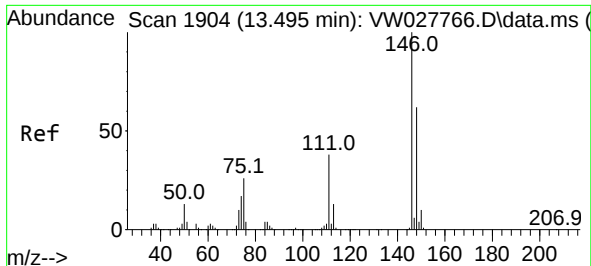
Tgt Ion: 76 Resp: 23920
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#51
Chlorobenzene
Concen: 0.394 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW027779.D
Acq: 19 Dec 2023 15:12

Tgt Ion: 112 Resp: 9198
Ion Ratio Lower Upper
112 100
114 31.8 25.0 46.4
77 57.3 48.1 72.1

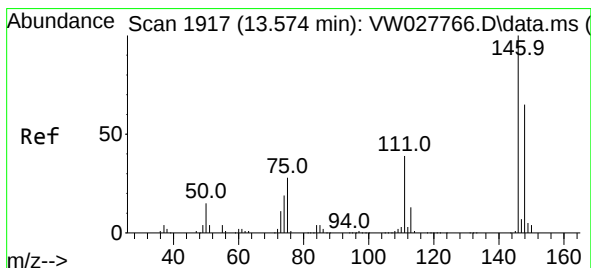
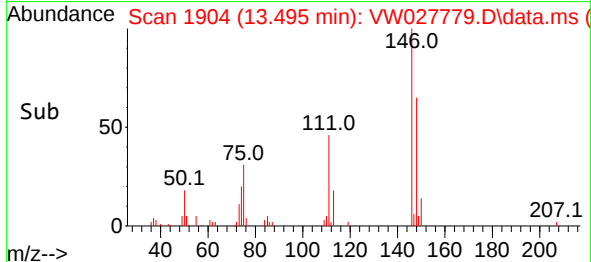
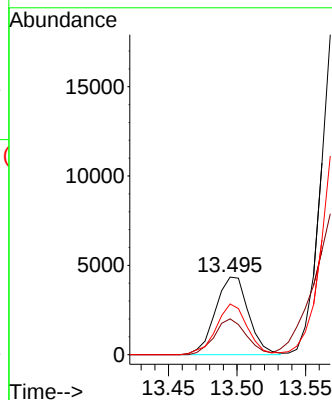
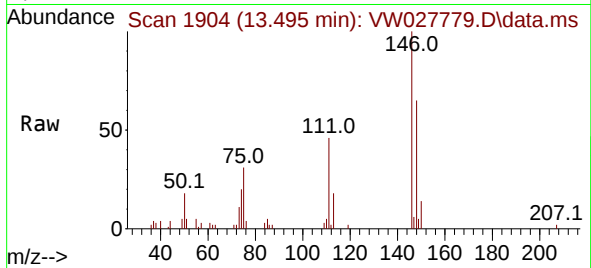




#64
1,3-Dichlorobenzene
Concen: 0.451 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027779.D
Acq: 19 Dec 2023 15:12

Instrument :
MSVOA_W
ClientSampleId :
C0B33

Tgt Ion:146 Resp: 7322
Ion Ratio Lower Upper
146 100
111 46.2 31.1 57.7
148 65.3 52.6 97.8



#65
1,4-Dichlorobenzene
Concen: 2.046 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027779.D
Acq: 19 Dec 2023 15:12

Tgt Ion:146 Resp: 33392
Ion Ratio Lower Upper
146 100
111 43.2 26.2 48.6
148 65.9 46.3 85.9

