

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026530.D
 Acq On : 05 Jul 2023 14:07
 Operator : SY/MD
 Sample : 03501-10
 Misc : 4.37g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46X5

Quant Time: Jul 06 02:28:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
 Response via : Initial Calibration

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

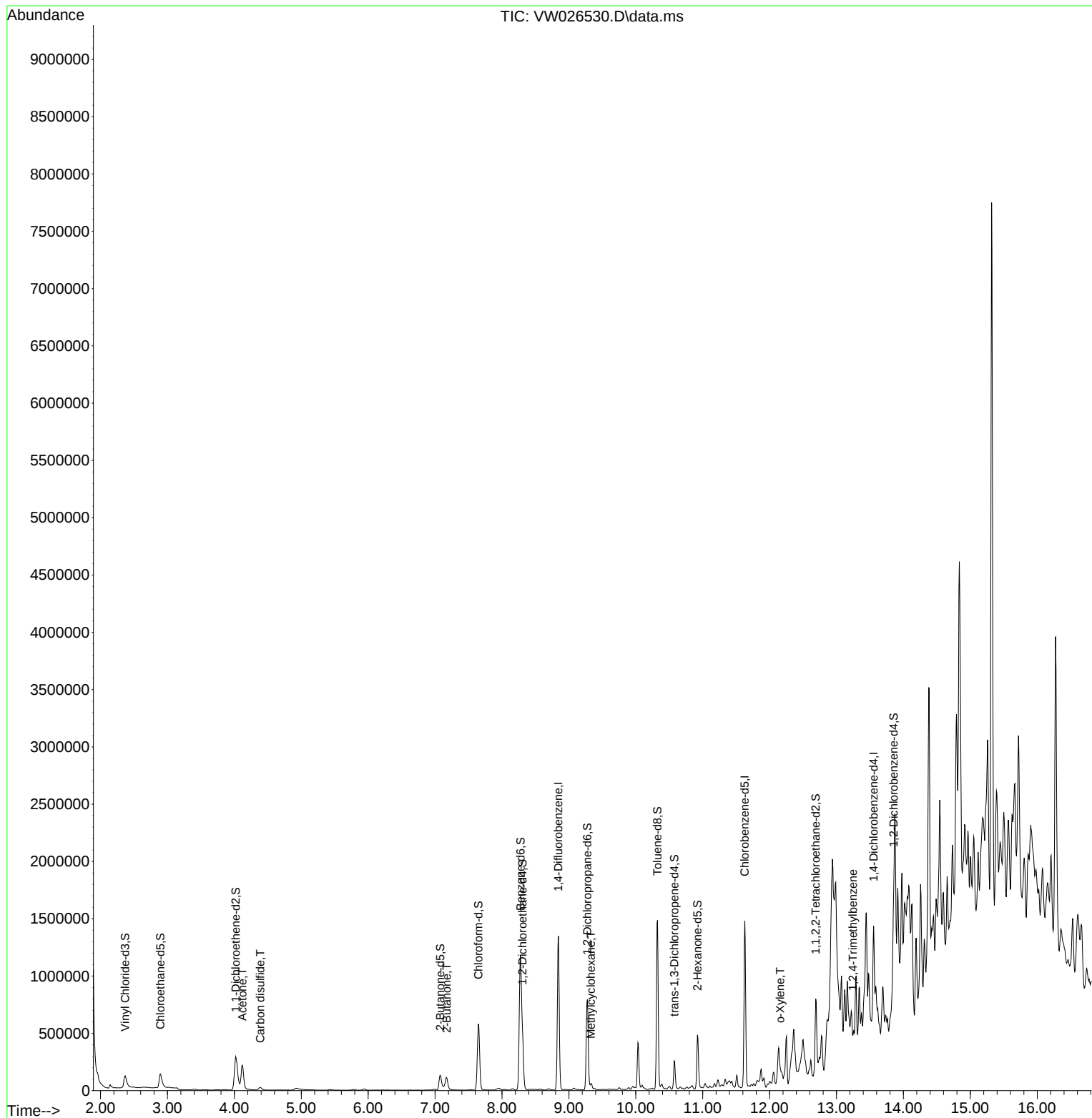
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1063186	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	765077	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	231401	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	220341	13.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.120%
7) Chloroethane-d5	2.893	69	204366	15.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.800%
11) 1,1-Dichloroethene-d2	4.021	65	124091	16.642	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.560%
21) 2-Butanone-d5	7.075	46	234664	38.370	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.740%
24) Chloroform-d	7.648	84	580617	18.537	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.160%
26) 1,2-Dichloroethane-d4	8.307	65	337850	18.545	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.160%
32) Benzene-d6	8.276	84	1199504	24.590	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.360%
36) 1,2-Dichloropropane-d6	9.276	67	391137	25.150	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.600%
41) Toluene-d8	10.325	98	938962	21.441	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.760%
43) trans-1,3-Dichloroprop...	10.575	79	134279	21.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.160%
47) 2-Hexanone-d5	10.922	63	156813	50.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	273022	20.063	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.240%
66) 1,2-Dichlorobenzene-d4	13.854	152	170927	18.599	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.400%#
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	379364	100.015	ug/L	100
14) Carbon disulfide	4.387	76	50741	1.191	ug/L	99
22) 2-Butanone	7.173	43	176071	24.940	ug/L	99
35) Methylcyclohexane	9.331	83	15994	0.741	ug/L #	74
54) o-Xylene	12.160	106	15716	0.745	ug/L	80
63) 1,2,4-Trimethylbenzene	13.245	105	70228	2.495	ug/L	100

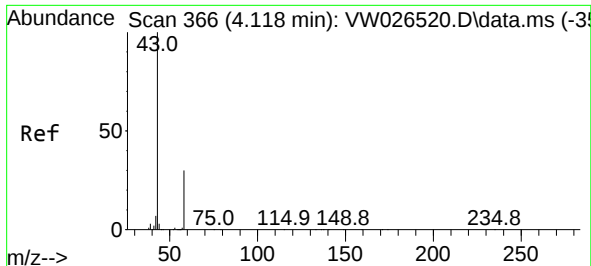
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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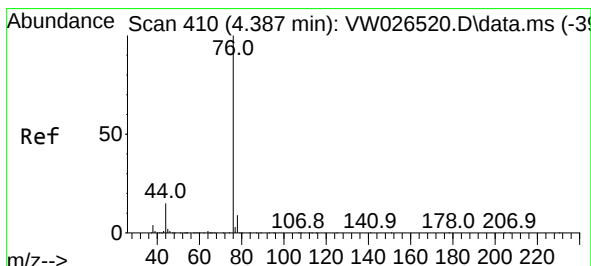
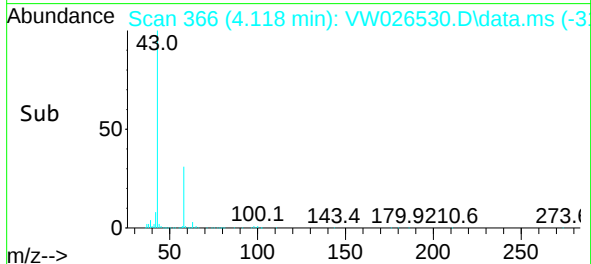
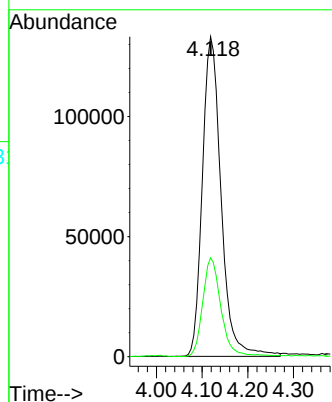
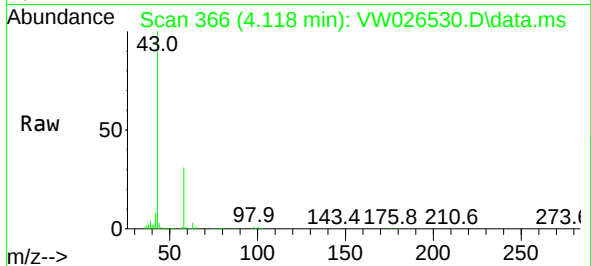




#13
Acetone
Concen: 100.015 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026530.D
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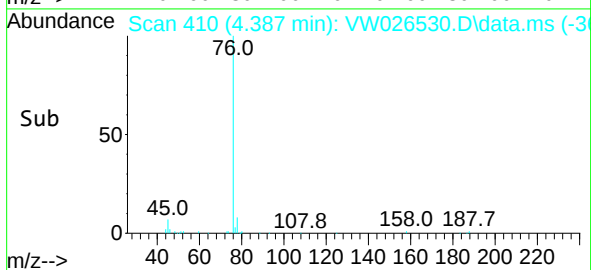
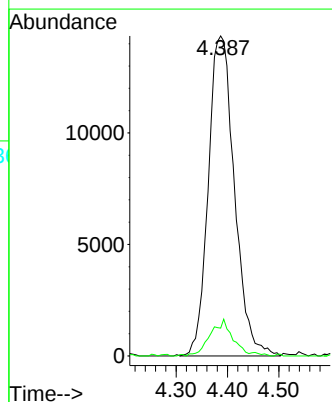
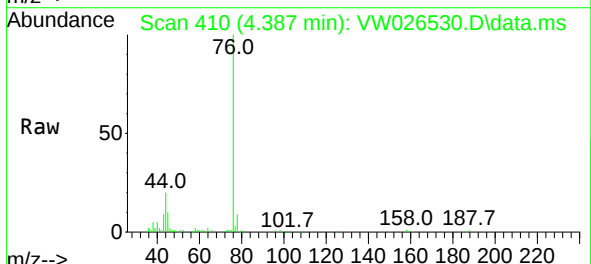
Instrument :
MSVOA_W
ClientSampleId :
A46X5

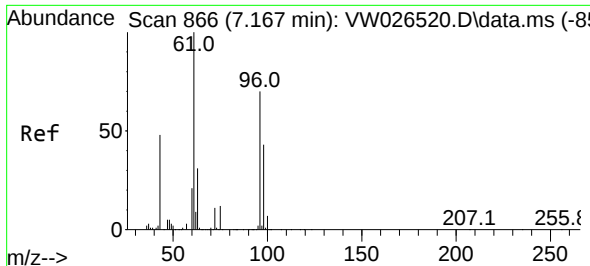
Tgt Ion: 43 Resp: 379364
Ion Ratio Lower Upper
43 100
58 29.8 0.0 59.6



#14
Carbon disulfide
Concen: 1.191 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
Lab File: VW026530.D
Acq: 05 Jul 2023 14:07

Tgt Ion: 76 Resp: 50741
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

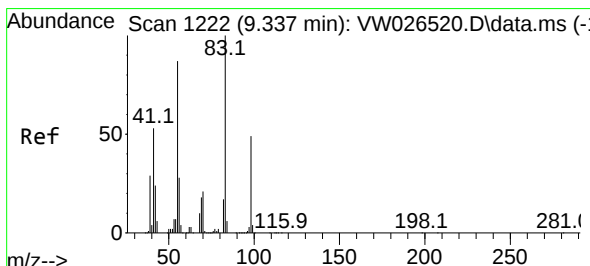
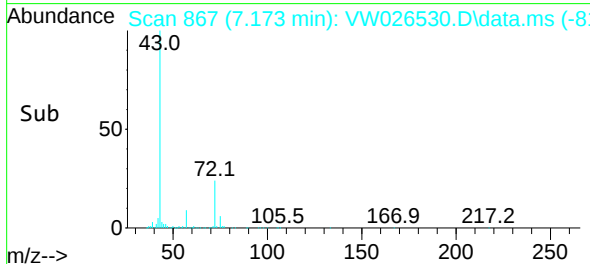
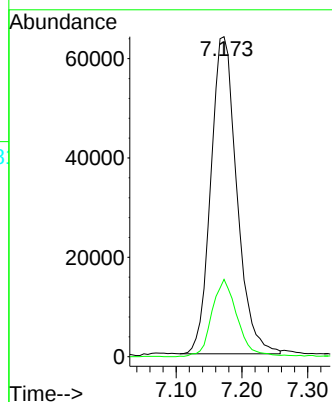
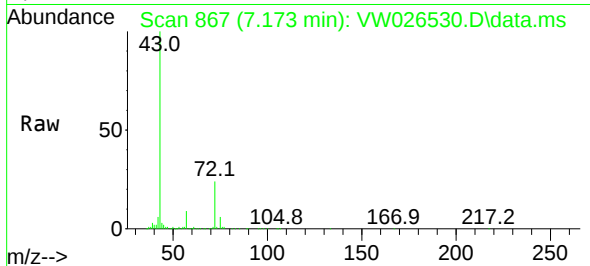




#22
2-Butanone
Concen: 24.940 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW026530.D
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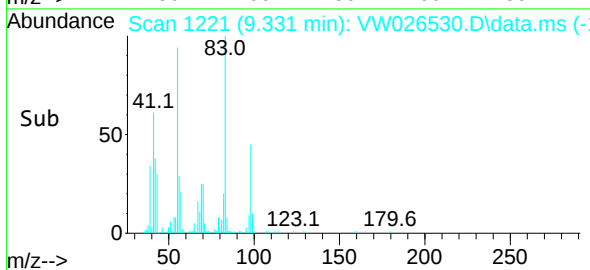
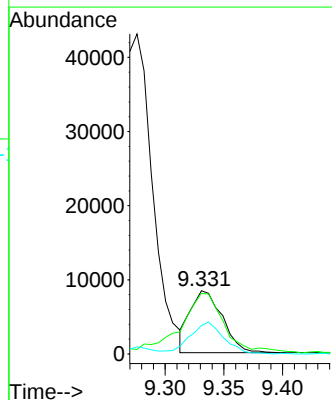
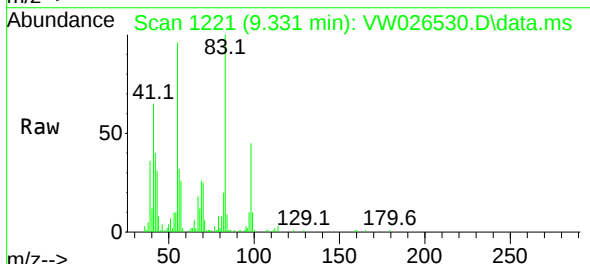
Instrument :
MSVOA_W
ClientSampleId :
A46X5

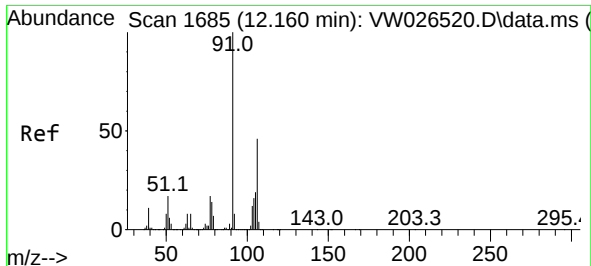
Tgt Ion: 43 Resp: 176071
Ion Ratio Lower Upper
43 100
72 23.7 12.0 36.1



#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026530.D
Acq: 05 Jul 2023 14:07

Tgt Ion: 83 Resp: 15994
Ion Ratio Lower Upper
83 100
55 115.6 67.5 101.3#
98 53.5 37.3 55.9

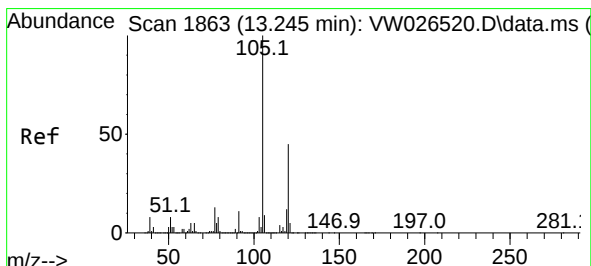
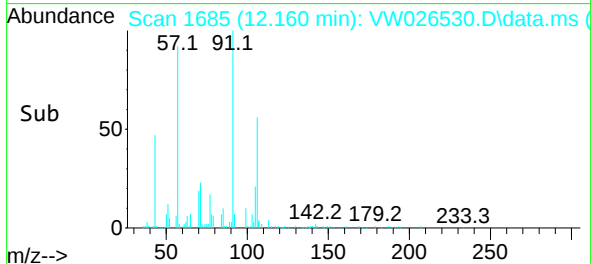
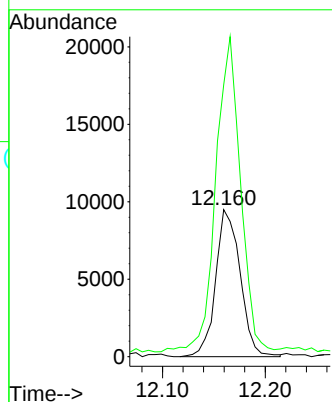
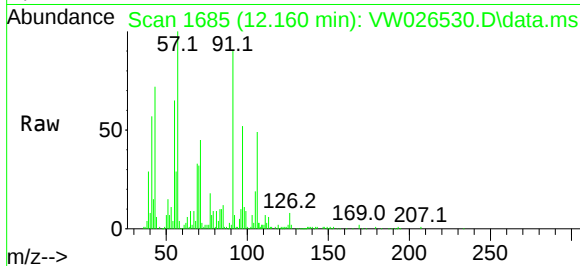




#54
o-Xylene
Concen: 0.745 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026530.D
Acq: 05 Jul 2023 14:07

Instrument :
MSVOA_W
ClientSampleId :
A46X5

Tgt Ion:106 Resp: 15716
Ion Ratio Lower Upper
106 100
91 185.0 151.8 282.0



#63
1,2,4-Trimethylbenzene
Concen: 2.495 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026530.D
Acq: 05 Jul 2023 14:07

Tgt Ion:105 Resp: 70228
Ion Ratio Lower Upper
105 100
120 44.2 35.5 53.3

