

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
 Data File : VW027420.D
 Acq On : 24 Oct 2023 16:33
 Operator : SY/MD
 Sample : 05034-04
 Misc : 6.01g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BH5L4

Quant Time: Oct 25 01:32:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 25 01:28:28 2023
 Response via : Initial Calibration

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

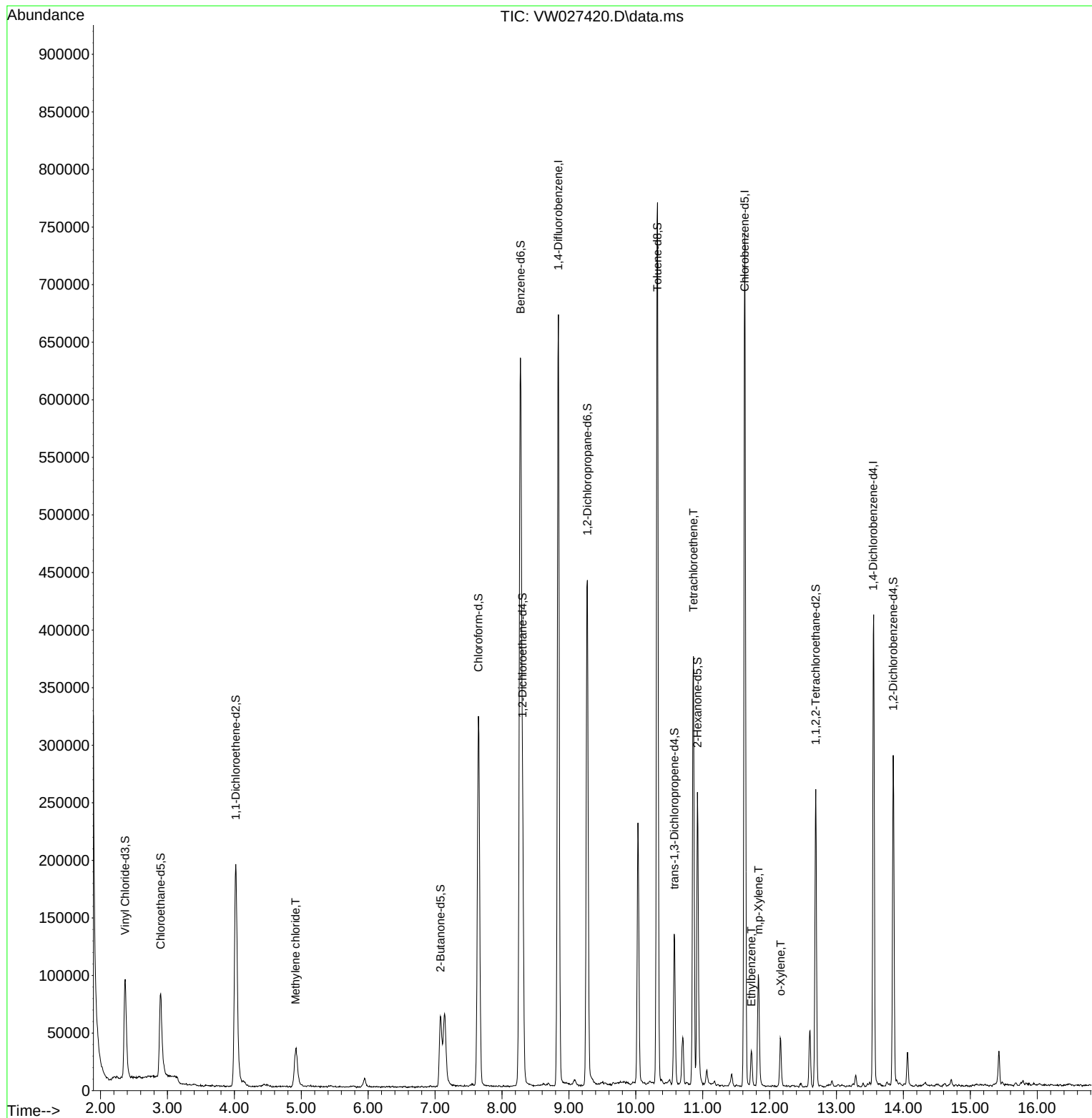
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	536947	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	389317	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	101475	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	135327	16.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.040%
7) Chloroethane-d5	2.899	69	111982	19.032	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.120%
11) 1,1-Dichloroethene-d2	4.021	65	72332	17.616	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.480%
21) 2-Butanone-d5	7.081	46	110098	40.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.840%
24) Chloroform-d	7.648	84	324547	20.280	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.120%
26) 1,2-Dichloroethane-d4	8.307	65	178514	20.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.080%
32) Benzene-d6	8.276	84	643764	24.441	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.760%
36) 1,2-Dichloropropane-d6	9.276	67	210603	26.177	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.720%
41) Toluene-d8	10.325	98	497611	20.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.320%
43) trans-1,3-Dichloroprop...	10.575	79	72049	19.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.560%
47) 2-Hexanone-d5	10.922	63	82592	49.619	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132488	22.072	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	67462	18.346	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.400%#
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	26241	2.670	ug/L	89
46) Tetrachloroethene	10.861	164	78893	17.000	ug/L	90
52) Ethylbenzene	11.727	91	20844	0.672	ug/L	100
53) m,p-Xylene	11.837	106	29035	2.468	ug/L	93
54) o-Xylene	12.166	106	10730	0.952	ug/L	90

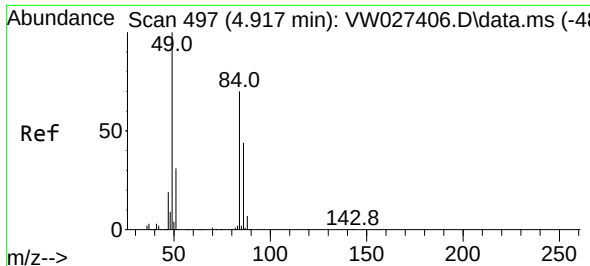
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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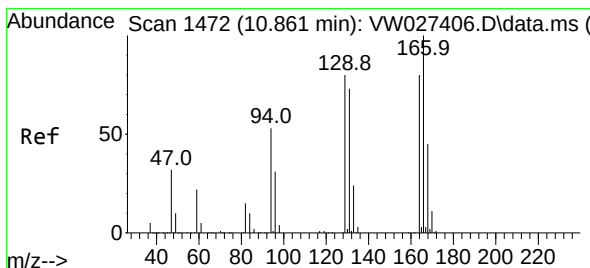
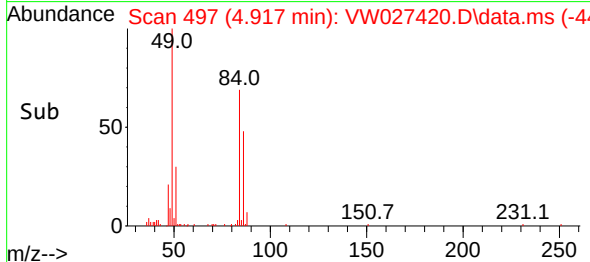
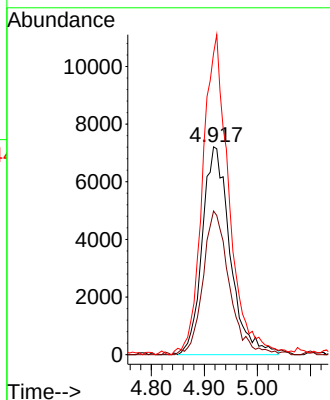
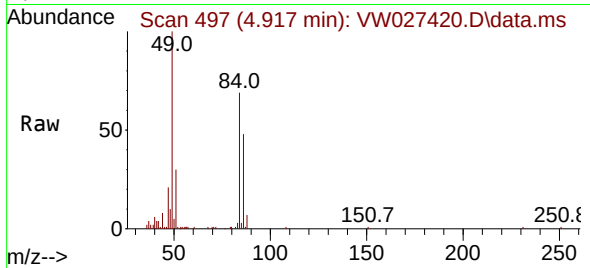




#16
Methylene chloride
Concen: 2.670 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027420.D
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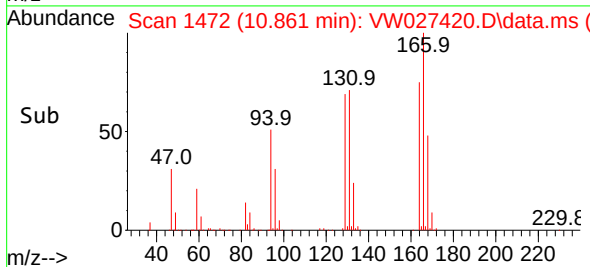
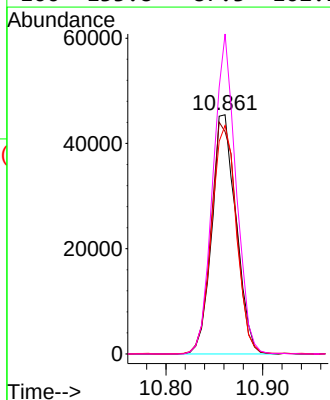
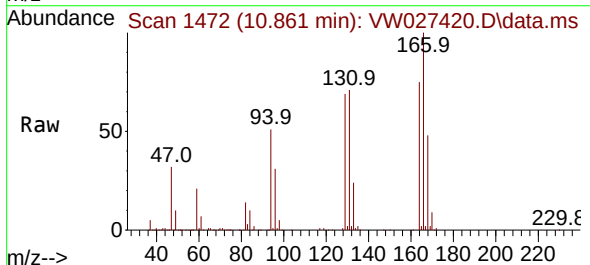
Instrument :
MSVOA_W
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BH5L4

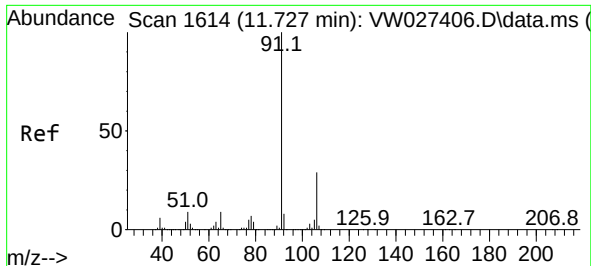
Tgt Ion: 84 Resp: 26241
Ion Ratio Lower Upper
84 100
86 69.1 41.3 76.7
49 144.9 92.8 172.4



#46
Tetrachloroethene
Concen: 17.000 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027420.D
Acq: 24 Oct 2023 16:33

Tgt Ion:164 Resp: 78893
Ion Ratio Lower Upper
164 100
129 93.0 74.7 138.7
131 95.6 73.2 136.0
166 133.8 87.3 162.1

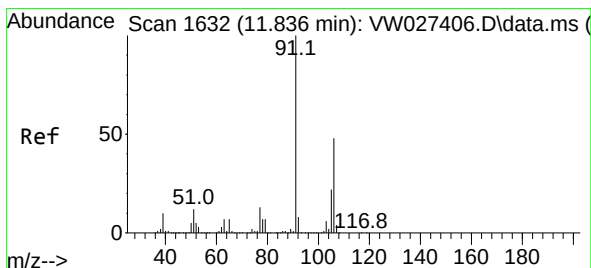
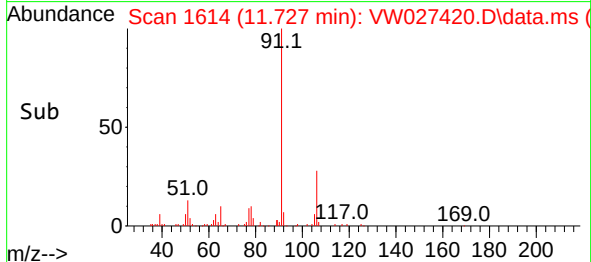
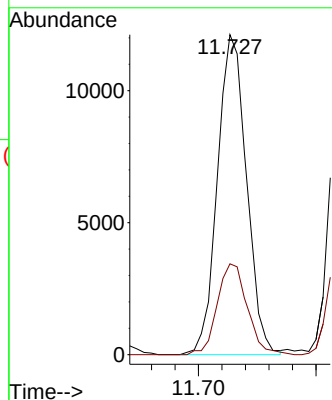
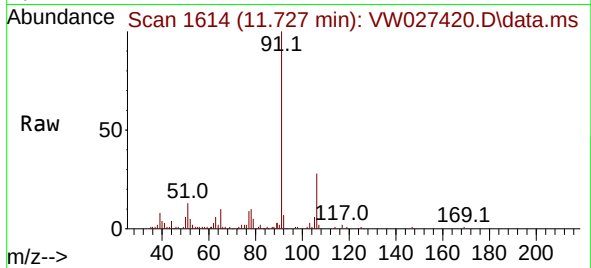




#52
Ethylbenzene
Concen: 0.672 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027420.D
Acq: 24 Oct 2023 16:33

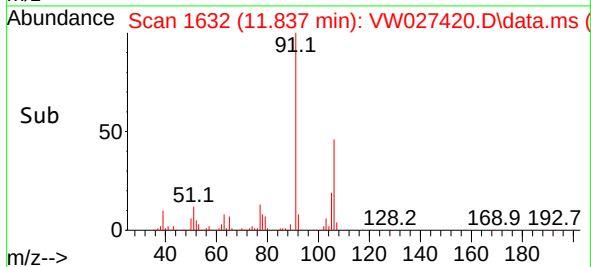
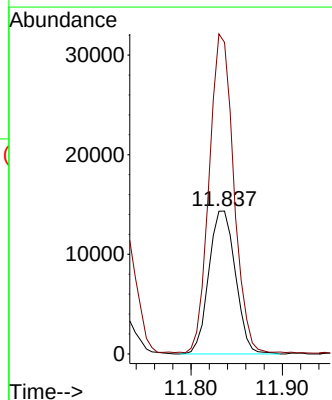
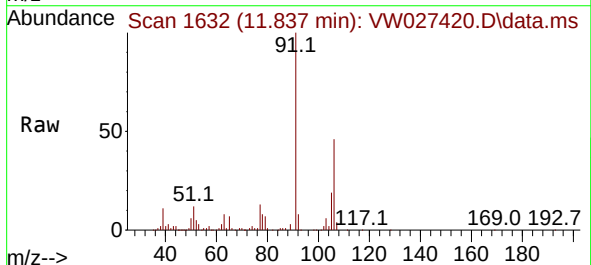
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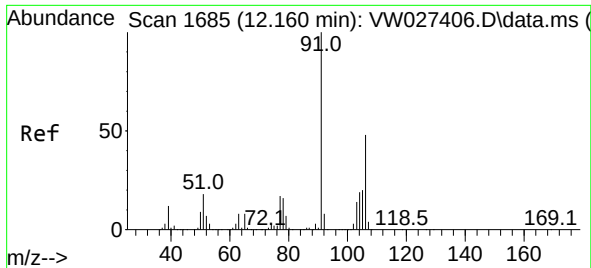
Tgt Ion: 91 Resp: 20844
Ion Ratio Lower Upper
91 100
106 28.4 19.8 36.8



#53
m,p-Xylene
Concen: 2.468 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027420.D
Acq: 24 Oct 2023 16:33

Tgt Ion:106 Resp: 29035
Ion Ratio Lower Upper
106 100
91 218.0 144.5 268.4





#54
o-Xylene
Concen: 0.952 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW027420.D
Acq: 24 Oct 2023 16:33

Instrument :
MSVOA_W
ClientSampleId :
BH5L4

Tgt Ion:106 Resp: 10730
Ion Ratio Lower Upper
106 100
91 201.2 152.0 282.2

