

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
 Data File : VW026048.D
 Acq On : 25 May 2023 18:14
 Operator : SY/MD
 Sample : 02950-11
 Misc : 4.70g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW989

Quant Time: May 26 00:36:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 26 00:33:05 2023
 Response via : Initial Calibration

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

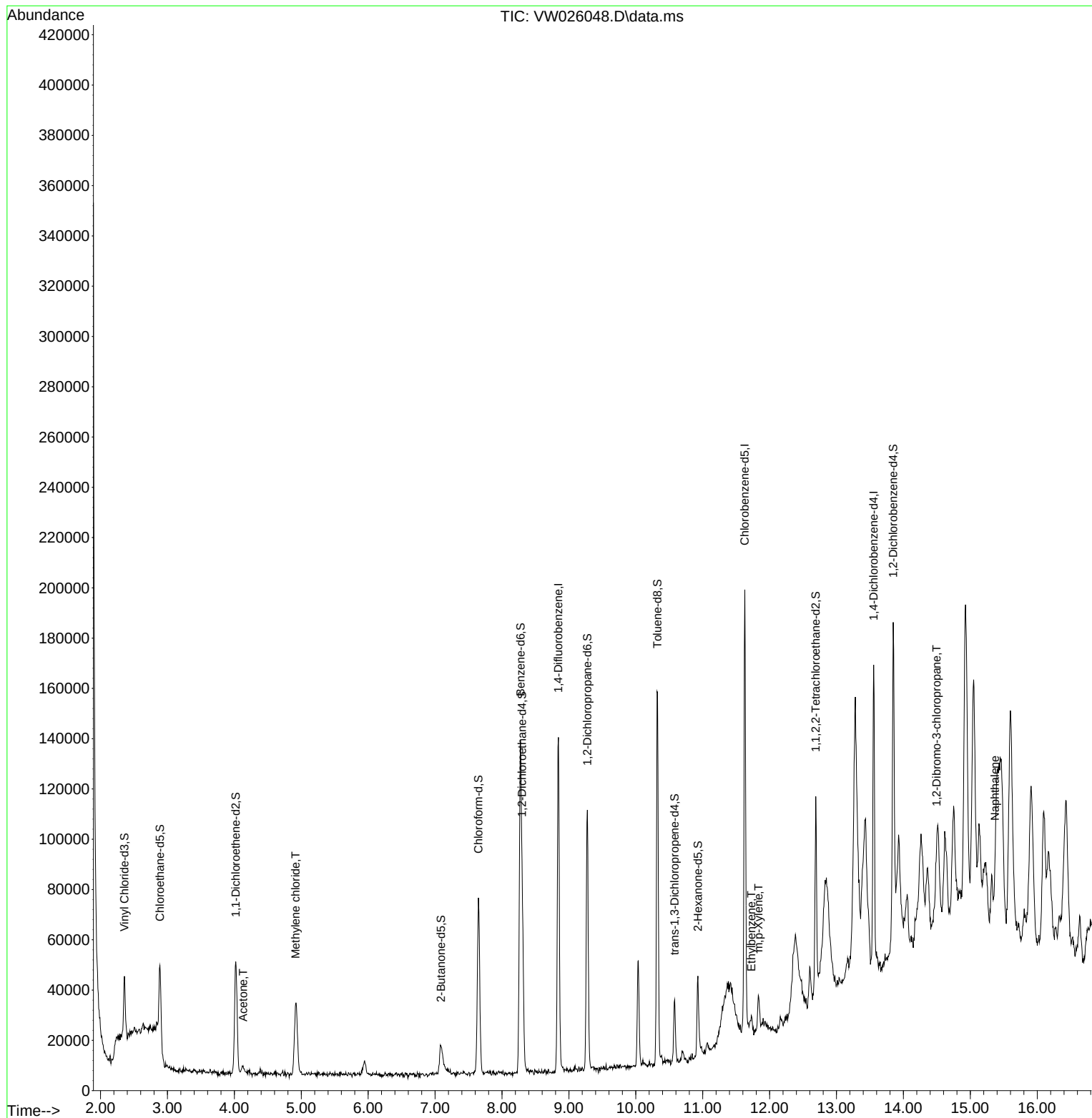
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	105384	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	89098	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	29515	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	25962	17.385	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.520%
7) Chloroethane-d5	2.887	69	28089	25.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.480%
11) 1,1-Dichloroethene-d2	4.021	65	14493	19.381	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.520%
21) 2-Butanone-d5	7.087	46	22821	46.226	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.460%
24) Chloroform-d	7.648	84	70154	23.086	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	8.301	65	46365	26.982	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.920%
32) Benzene-d6	8.276	84	129192	22.191	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.760%
36) 1,2-Dichloropropane-d6	9.276	67	47108	25.290	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.160%
41) Toluene-d8	10.325	98	98504	18.974	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.880%
43) trans-1,3-Dichloroprop...	10.581	79	13886	18.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.560%
47) 2-Hexanone-d5	10.928	63	11213	35.302	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	37755	26.593	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	28855	26.818	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.280%
Target Compounds					Qvalue	
13) Acetone	4.131	43	5991	13.686	ug/L	60
16) Methylene chloride	4.917	84	21163	9.738	ug/L	94
52) Ethylbenzene	11.727	91	4542	0.641	ug/L	87
53) m,p-Xylene	11.837	106	4769	1.829	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.495	75	1986	12.278	ug/L #	70
71) Naphthalene	15.366	128	4182	2.063	ug/L #	82

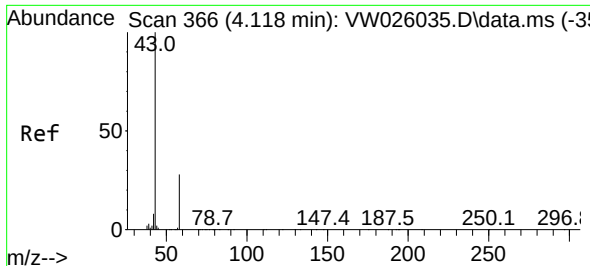
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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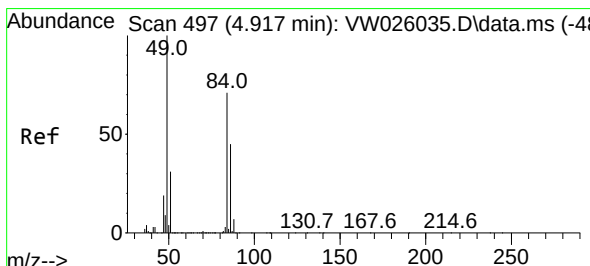
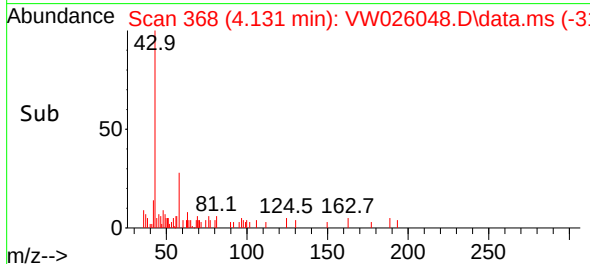
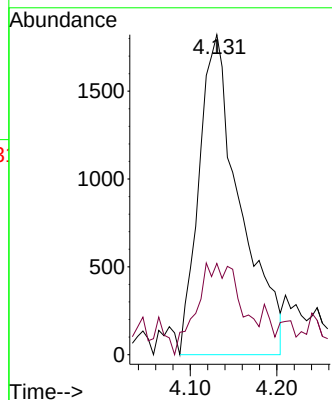
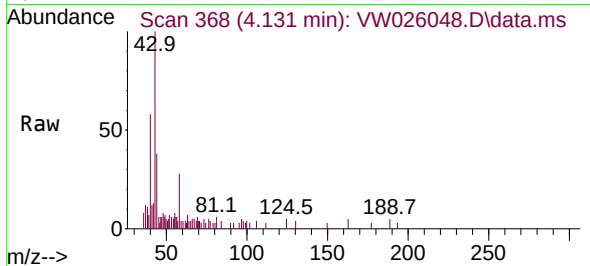




#13
Acetone
Concen: 13.686 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW026048.D
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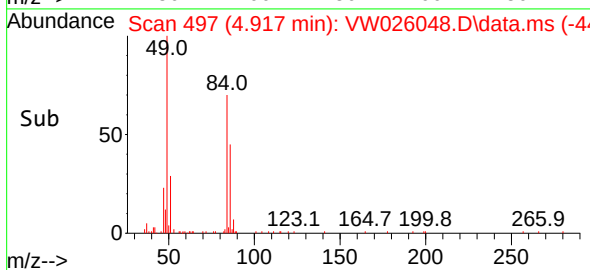
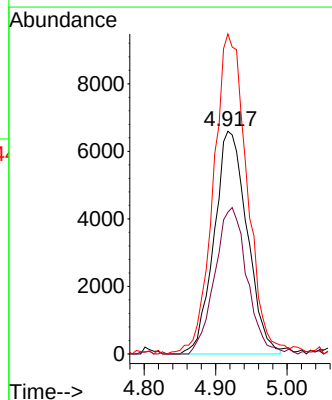
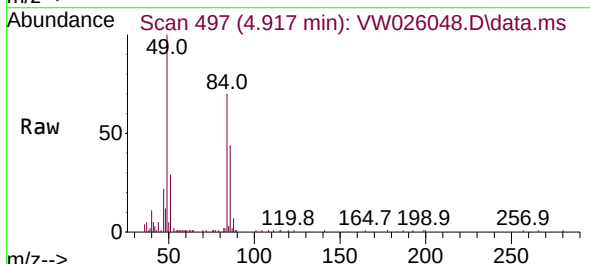
Instrument :
MSVOA_W
ClientSampleId :
EW989

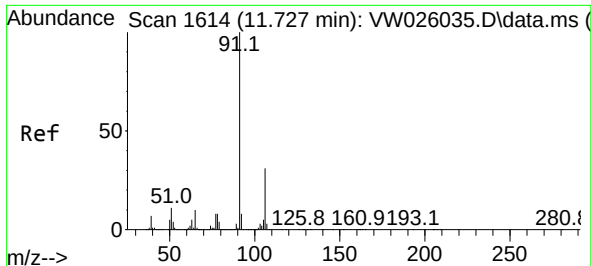
Tgt Ion: 43 Resp: 5991
Ion Ratio Lower Upper
43 100
58 7.6 0.0 58.2



#16
Methylene chloride
Concen: 9.738 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026048.D
Acq: 25 May 2023 18:14

Tgt Ion: 84 Resp: 21163
Ion Ratio Lower Upper
84 100
86 63.7 41.7 77.5
49 143.6 95.3 177.1

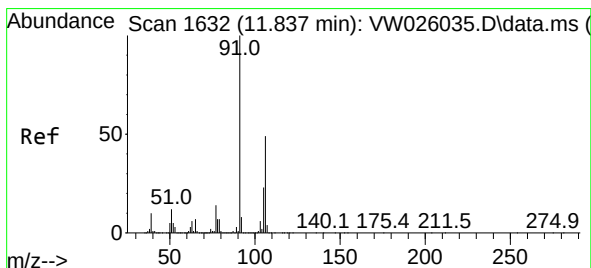
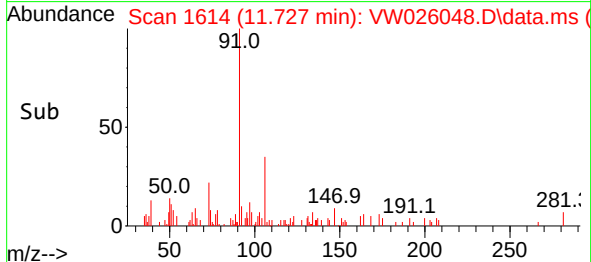
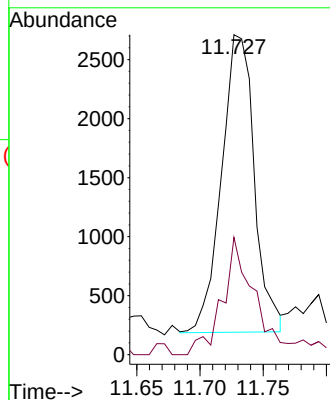
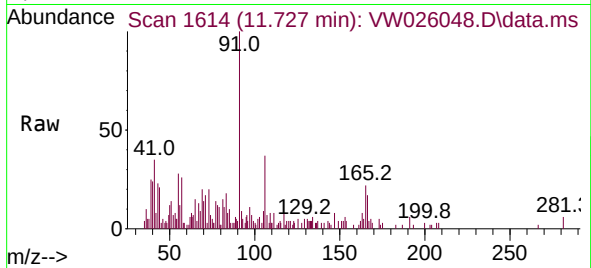




#52
Ethylbenzene
Concen: 0.641 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026048.D
Acq: 25 May 2023 18:14

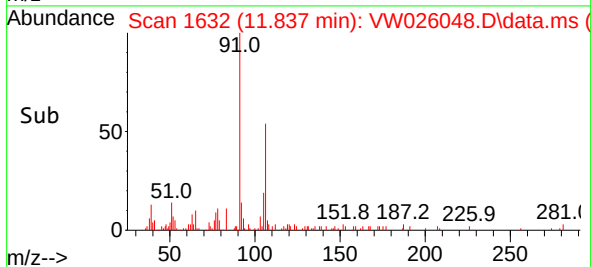
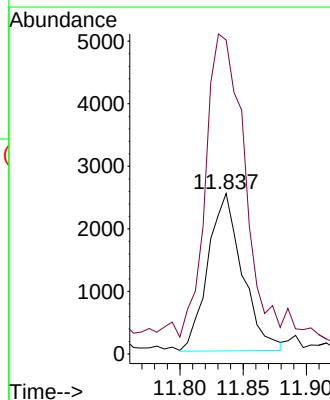
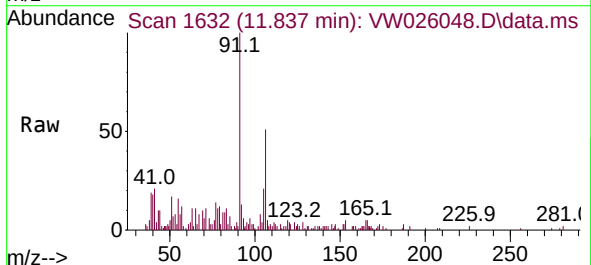
Instrument :
MSVOA_W
ClientSampleId :
EW989

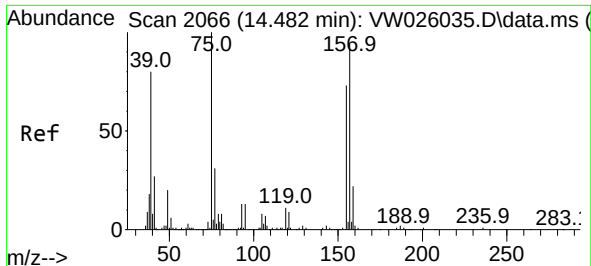
Tgt Ion: 91 Resp: 4542
Ion Ratio Lower Upper
91 100
106 36.7 20.8 38.6



#53
m,p-Xylene
Concen: 1.829 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026048.D
Acq: 25 May 2023 18:14

Tgt Ion: 106 Resp: 4769
Ion Ratio Lower Upper
106 100
91 195.7 150.1 278.9





#68

1,2-Dibromo-3-chloropropane

Concen: 12.278 ug/L

RT: 14.495 min Scan# 2066

Delta R.T. 0.012 min

Lab File: VW026048.D

Acq: 25 May 2023 18:14

Instrument :

MSVOA_W

ClientSampleId :

EW989

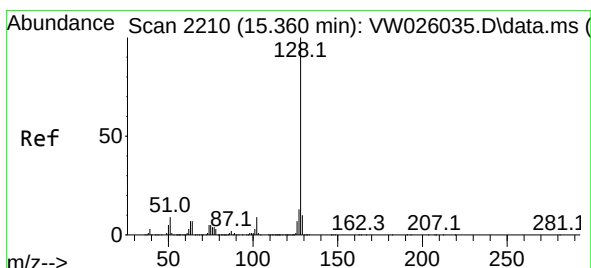
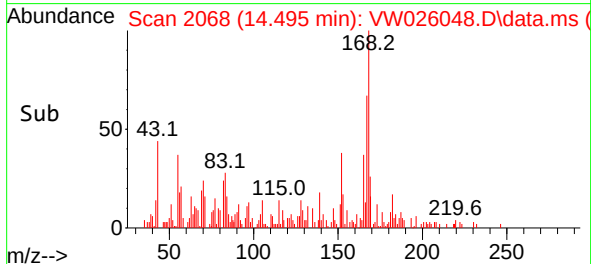
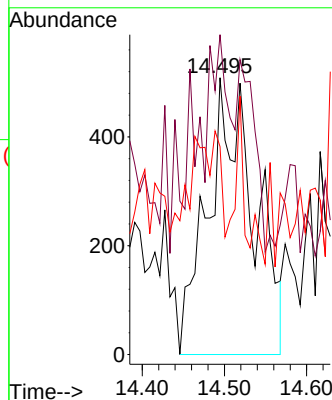
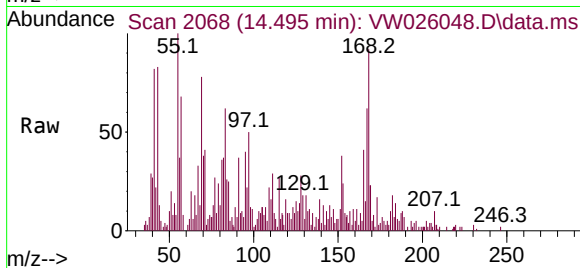
Tgt Ion: 75 Resp: 1986

Ion Ratio Lower Upper

75 100

155 115.5 56.3 84.5#

157 75.0 66.3 99.5



#71

Naphthalene

Concen: 2.063 ug/L

RT: 15.366 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VW026048.D

Acq: 25 May 2023 18:14

Tgt Ion: 128 Resp: 4182

Ion Ratio Lower Upper

128 100

127 9.0 10.5 15.7#

129 0.0 8.5 12.7#

