

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023291.D
 Acq On : 25 May 2022 00:02
 Operator : SY/VA
 Sample : N2995-04
 Misc : 7.94g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 25 05:58:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 25 04:05:49 2022
 Response via : Initial Calibration

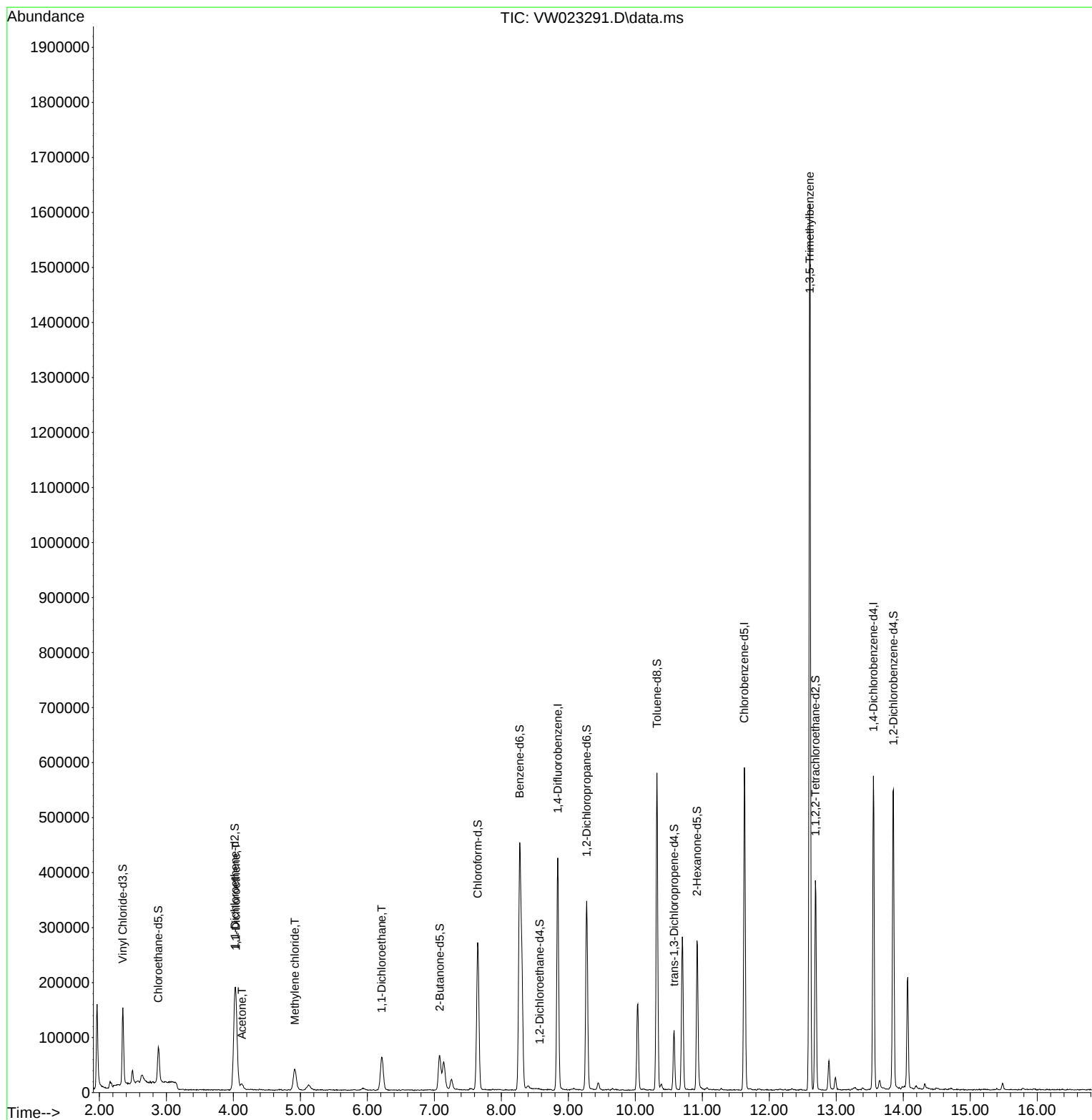
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	342916	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	323904	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	140834	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	128937	18.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.320%
7) Chloroethane-d5	2.879	69	74757	16.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.320%
11) 1,1-Dichloroethene-d2	4.019	63	149771	16.475	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.920%
21) 2-Butanone-d5	7.080	46	106057	79.286	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.580%#
24) Chloroform-d	7.647	84	267843	26.660	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.640%
26) 1,2-Dichloroethane-d4	8.573	65	125	0.023	ug/L	0.27
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.275	84	459152	24.594	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.360%
36) 1,2-Dichloropropane-d6	9.274	67	153552	29.280	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.120%
41) Toluene-d8	10.323	98	372826	20.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.680%
43) trans-1,3-Dichloroprop...	10.579	79	57949	23.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.000%
47) 2-Hexanone-d5	10.921	63	83052	82.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.920%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	182919	37.421	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	149.680%#
66) 1,2-Dichlorobenzene-d4	13.853	152	137379	27.905	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.640%
Target Compounds						
12) 1,1-Dichloroethene	4.038	96	57994	13.204	ug/L #	78
13) Acetone	4.129	43	14718	14.696	ug/L	79
16) Methylene chloride	4.915	84	31167	6.211	ug/L	93
19) 1,1-Dichloroethane	6.214	63	83347	9.950	ug/L	98
62) 1,3,5-Trimethylbenzene	12.603	105	4919	0.458	ug/L	97

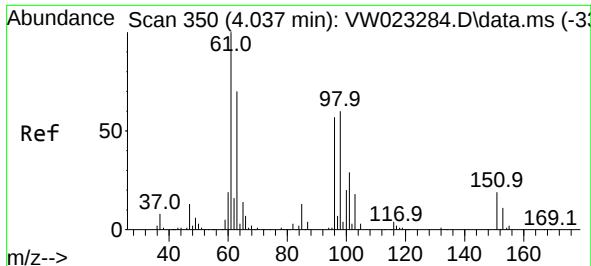
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 13.204 ug/L

RT: 4.038 min Scan# 350

Delta R.T. 0.000 min

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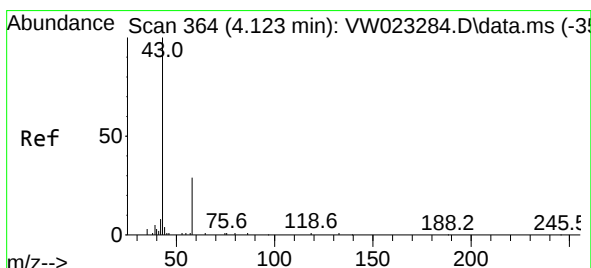
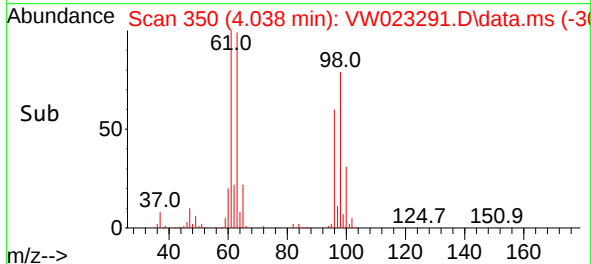
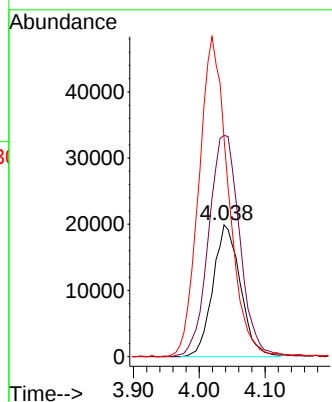
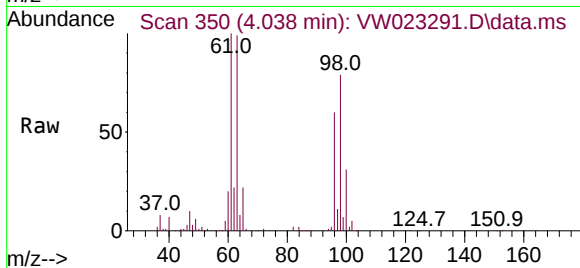
Tgt Ion: 96 Resp: 57994

Ion Ratio Lower Upper

96 100

61 167.8 125.7 233.5

63 165.8 83.4 155.0#



#13

Acetone

Concen: 14.696 ug/L

RT: 4.129 min Scan# 365

Delta R.T. 0.006 min

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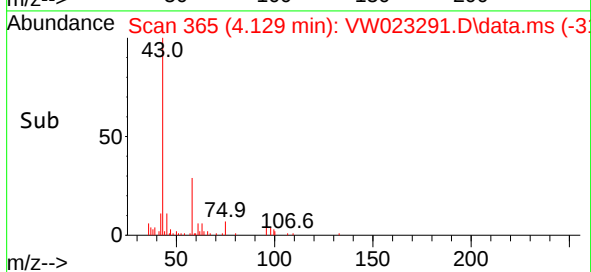
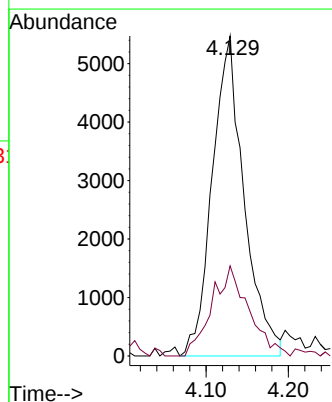
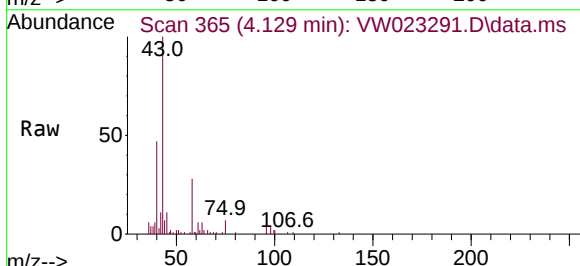
Acq: 25 May 2022 00:02

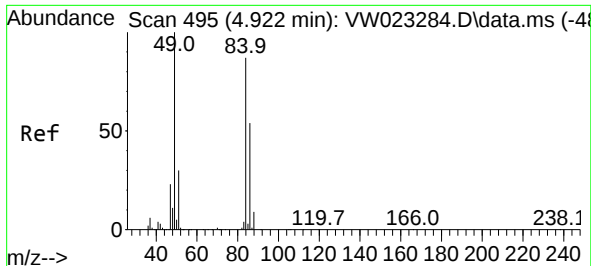
Tgt Ion: 43 Resp: 14718

Ion Ratio Lower Upper

43 100

58 20.5 0.0 64.0

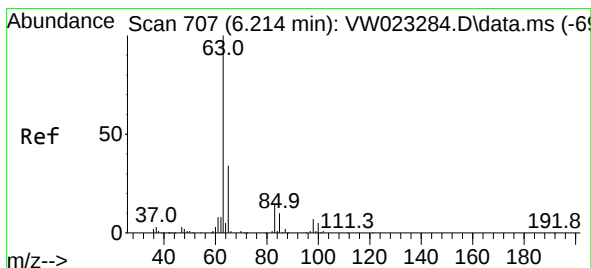
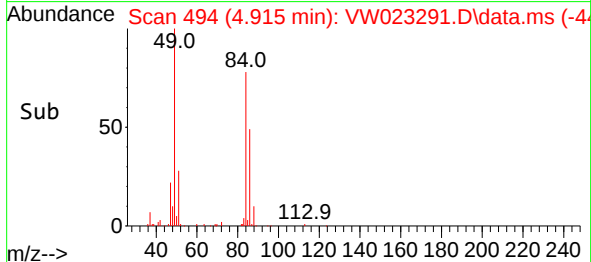
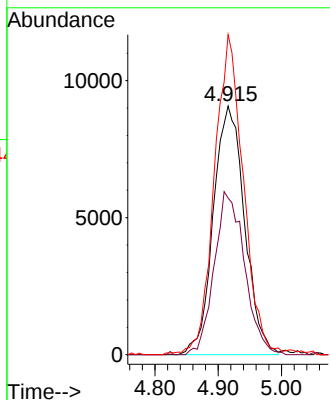
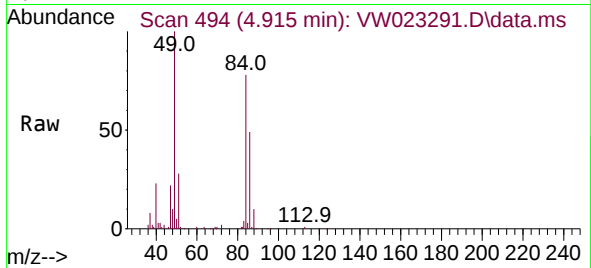




#16
Methylene chloride
Concen: 6.211 ug/L
RT: 4.915 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW023291.D
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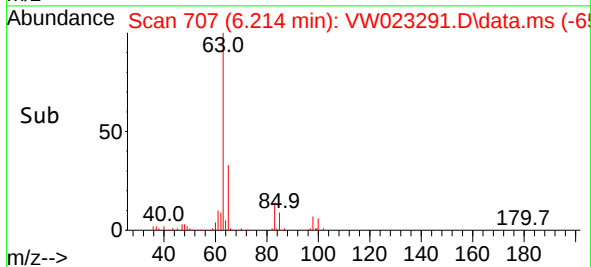
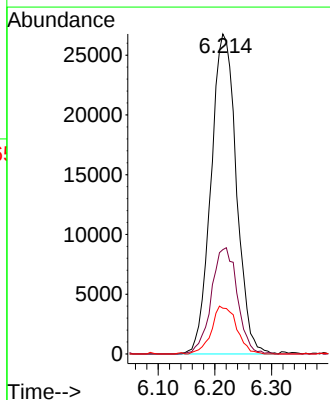
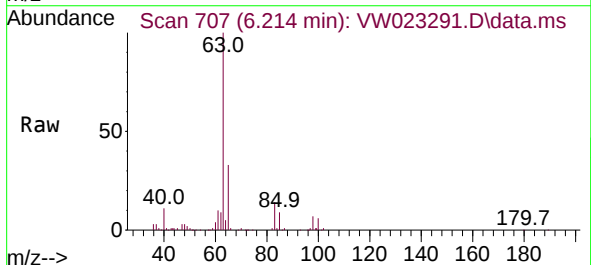
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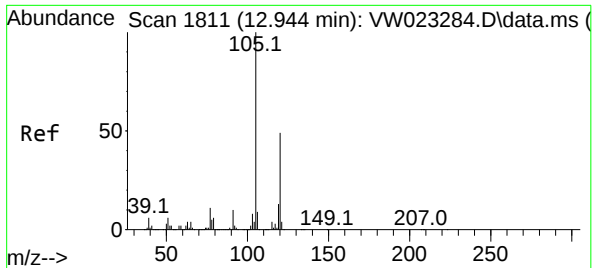
Tgt Ion: 84 Resp: 31167
Ion Ratio Lower Upper
84 100
86 63.0 45.4 84.4
49 128.7 82.5 153.1



#19
1,1-Dichloroethane
Concen: 9.950 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW023291.D
Acq: 25 May 2022 00:02

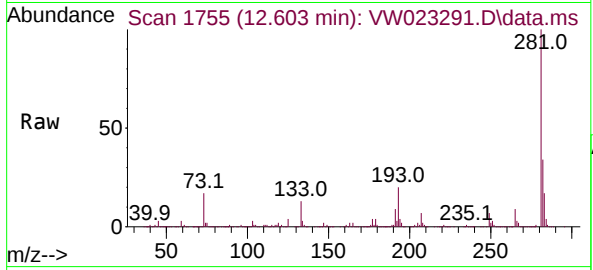
Tgt Ion: 63 Resp: 83347
Ion Ratio Lower Upper
63 100
65 32.6 23.3 43.3
83 14.3 11.1 20.5





#62
 1,3,5-Trimethylbenzene
 Concen: 0.458 ug/L
 RT: 12.603 min Scan# 11
 Delta R.T. -0.341 min
 Lab File: VW023291.D
 Acq: 25 May 2022 00:02

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	105	Resp:	4919
Ion Ratio	Lower	Upper	
105	100		
120	46.6	38.9	58.3

