

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
 Data File : VW023854.D
 Acq On : 18 Jul 2022 23:12
 Operator : SY/VA
 Sample : N3721-19
 Misc : 6.20g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C61

Quant Time: Jul 19 05:37:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 19 02:51:35 2022
 Response via : Initial Calibration

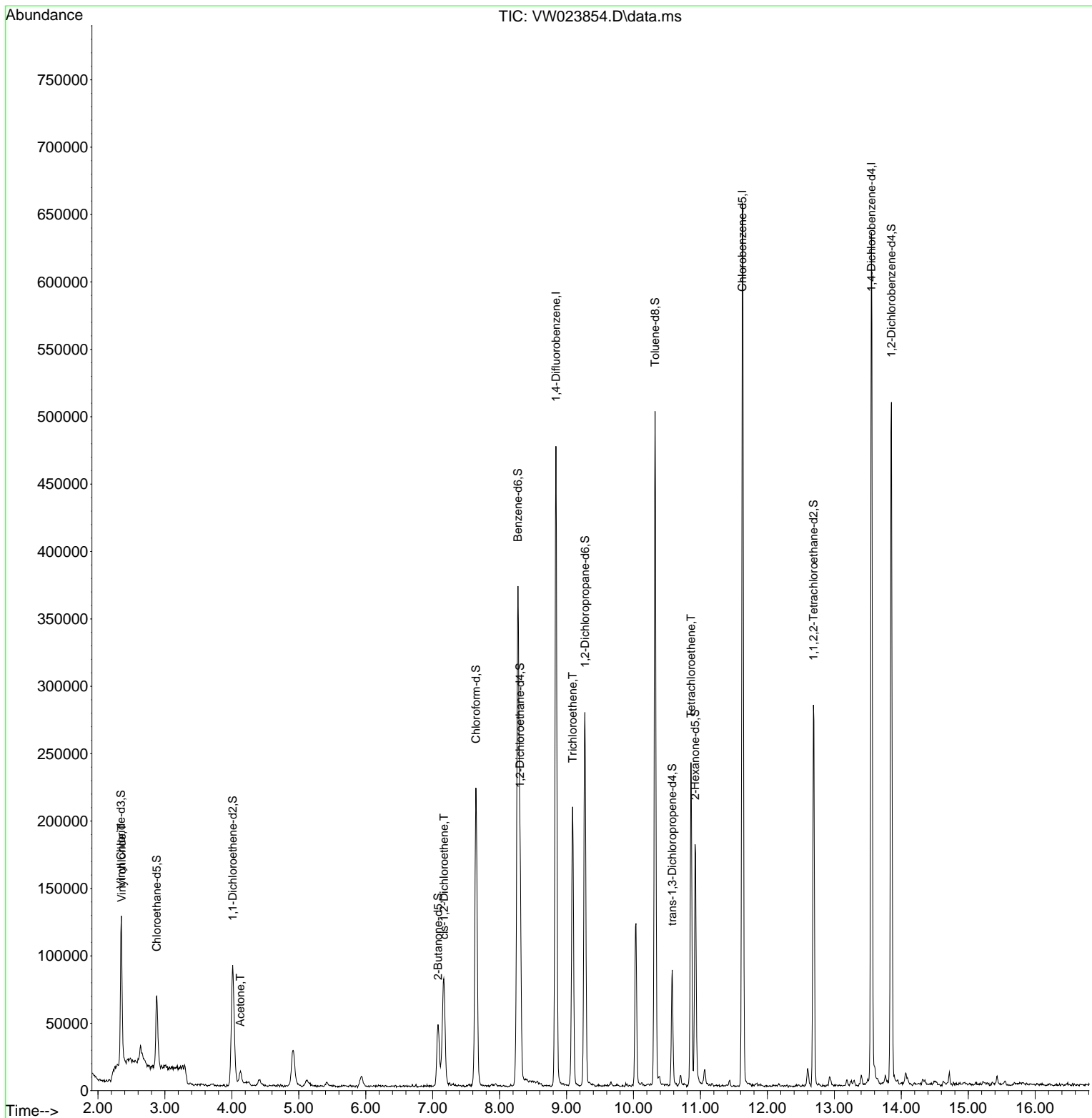
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	387801	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	371783	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	154666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	86462	8.729	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	34.920%		
7) Chloroethane-d5	2.879	69	63140	9.556	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	38.240%		
11) 1,1-Dichloroethene-d2	4.013	63	86284	10.698	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	42.800%#		
21) 2-Butanone-d5	7.080	46	74164	48.273	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	96.540%		
24) Chloroform-d	7.647	84	216582	19.182	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	76.720%		
26) 1,2-Dichloroethane-d4	8.305	65	123053	17.820	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	71.280%		
32) Benzene-d6	8.274	84	371785	19.237	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	76.960%		
36) 1,2-Dichloropropane-d6	9.274	67	123577	21.228	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	84.920%		
41) Toluene-d8	10.323	98	327835	16.723	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	66.880%		
43) trans-1,3-Dichloroprop...	10.579	79	45415	16.643	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	66.560%		
47) 2-Hexanone-d5	10.920	63	57724	47.155	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	94.300%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	133095	20.688	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	82.760%		
66) 1,2-Dichlorobenzene-d4	13.853	152	130827	23.695	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	94.800%		
Target Compounds						
5) Vinyl chloride	2.355	62	26767	2.415	ug/L	89
13) Acetone	4.129	43	16443	15.138	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	41543	7.518	ug/L #	91
34) Trichloroethene	9.091	95	67434	12.087	ug/L	97
46) Tetrachloroethene	10.859	164	50451	11.695	ug/L	96

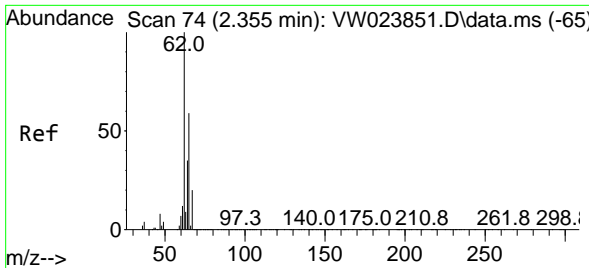
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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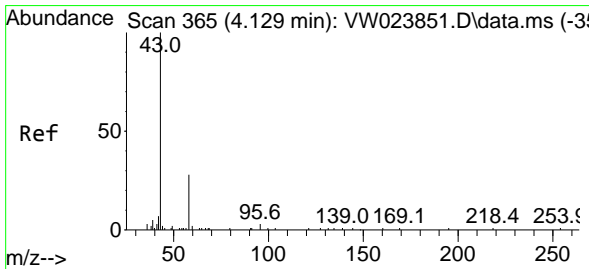
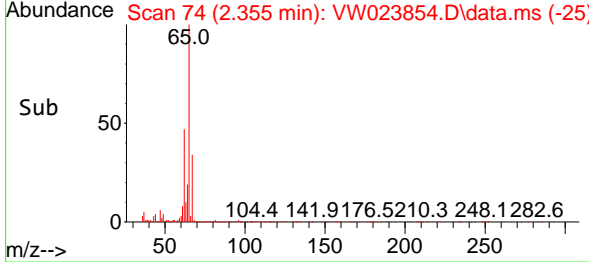
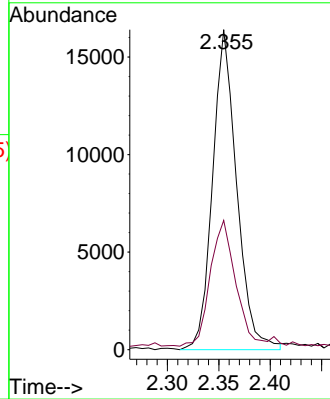
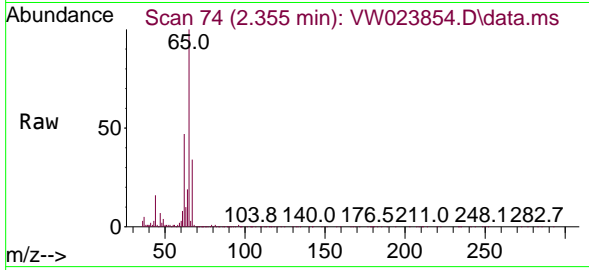




#5
 Vinyl chloride
 Concen: 2.415 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023854.D
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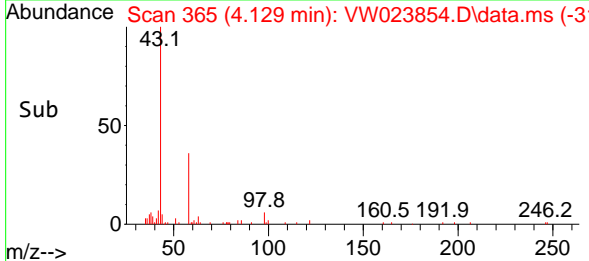
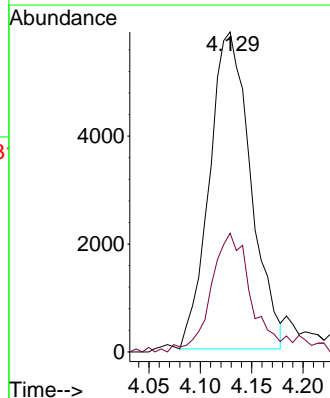
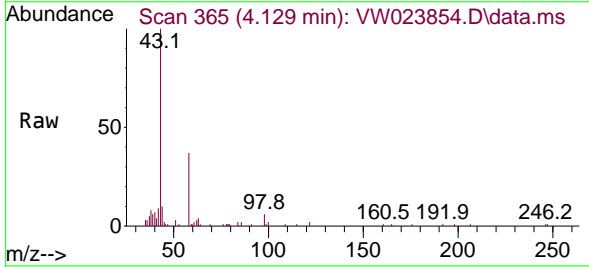
Instrument : MSVOA_W
 ClientSampleId : F5C61

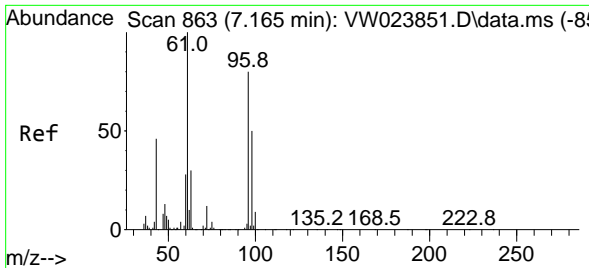
Tgt Ion: 62 Resp: 26767
 Ion Ratio Lower Upper
 62 100
 64 40.4 24.0 44.6



#13
 Acetone
 Concen: 15.138 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. -0.000 min
 Lab File: VW023854.D
 Acq: 18 Jul 2022 23:12

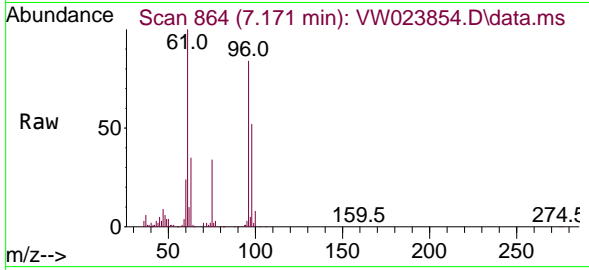
Tgt Ion: 43 Resp: 16443
 Ion Ratio Lower Upper
 43 100
 58 34.1 0.0 64.2



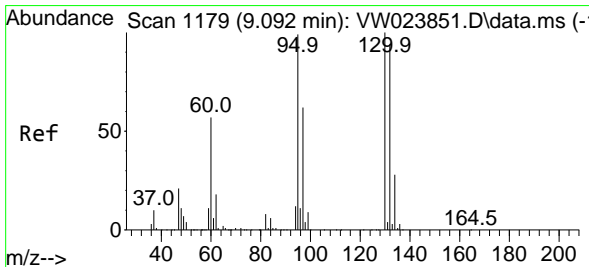
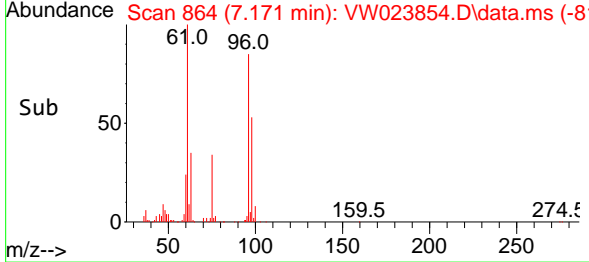
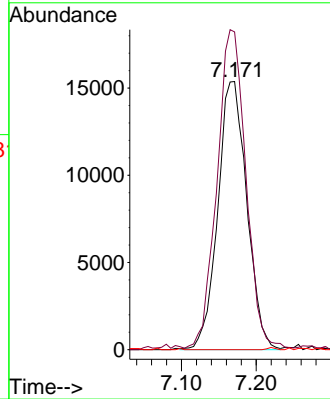


#20
 cis-1,2-Dichloroethene
 Concen: 7.518 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
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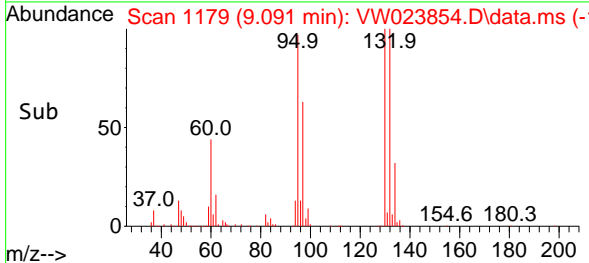
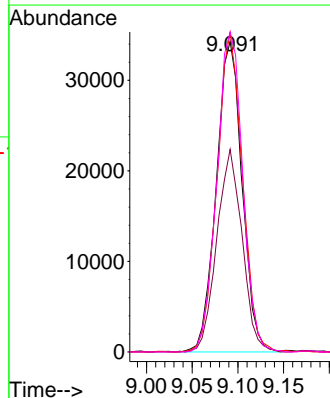
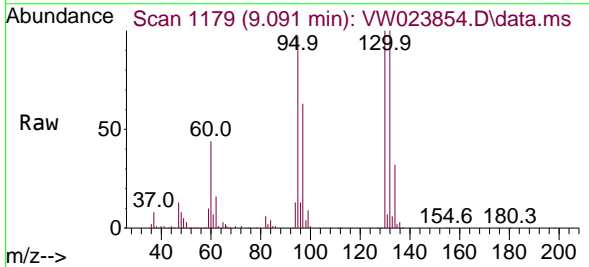


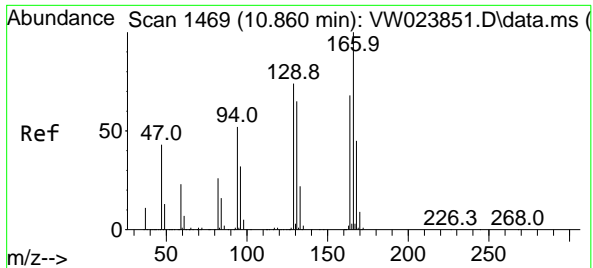
Tgt Ion: 96 Resp: 41543
 Ion Ratio Lower Upper
 96 100
 61 118.5 90.6 168.2
 68 0.0 0.2 0.4#



#34
 Trichloroethene
 Concen: 12.087 ug/L
 RT: 9.091 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VW023854.D
 Acq: 18 Jul 2022 23:12

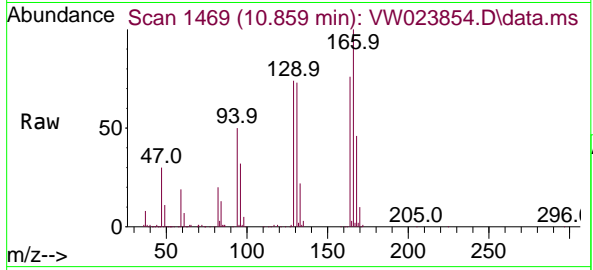
Tgt Ion: 95 Resp: 67434
 Ion Ratio Lower Upper
 95 100
 97 65.3 45.6 84.8
 132 102.8 69.9 129.7
 130 103.1 75.4 140.0





#46
 Tetrachloroethene
 Concen: 11.695 ug/L
 RT: 10.859 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VW023854.D
 Acq: 18 Jul 2022 23:12

Instrument : MSVOA_W
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Tgt Ion:164 Resp: 50451

Ion	Ratio	Lower	Upper
164	100		
129	98.0	72.4	134.5
131	96.4	67.8	125.8
166	132.2	88.9	165.1

