

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023875.D
 Acq On : 19 Jul 2022 11:27
 Operator : SY/VA
 Sample : N3722-17
 Misc : 5.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 20 01:18:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 01:17:09 2022
 Response via : Initial Calibration

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

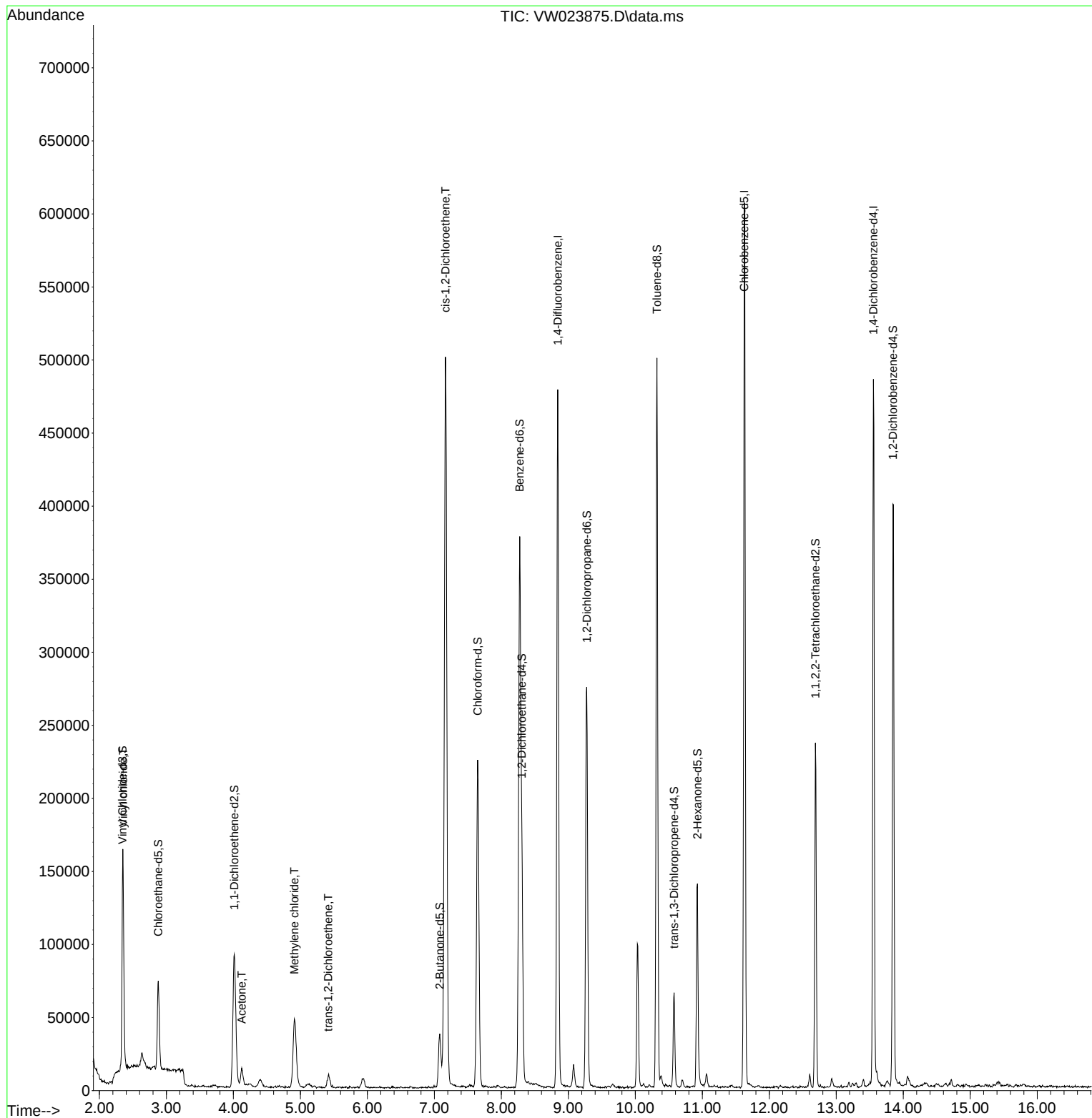
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	384102	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	332582	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	120080	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	90604	9.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	36.960%
7) Chloroethane-d5	2.879	69	68981	10.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.160%
11) 1,1-Dichloroethene-d2	4.013	63	88804	11.116	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.480%#
21) 2-Butanone-d5	7.080	46	57632	37.874	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.740%
24) Chloroform-d	7.647	84	223348	19.972	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.880%
26) 1,2-Dichloroethane-d4	8.305	65	117465	17.174	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.680%#
32) Benzene-d6	8.275	84	377872	21.857	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.440%
36) 1,2-Dichloropropane-d6	9.275	67	123164	23.650	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.600%
41) Toluene-d8	10.323	98	324984	18.532	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.120%
43) trans-1,3-Dichloroprop...	10.579	79	36038	14.763	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.040%
47) 2-Hexanone-d5	10.927	63	46244	42.229	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.460%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	110026	19.118	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.480%
66) 1,2-Dichlorobenzene-d4	13.847	152	97123	22.657	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.640%
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	69518	6.333	ug/L	97
13) Acetone	4.123	43	19851	18.452	ug/L	99
16) Methylene chloride	4.909	84	39970	6.655	ug/L	93
17) trans-1,2-Dichloroethene	5.415	96	4768	0.965	ug/L	89
20) cis-1,2-Dichloroethene	7.165	96	294626	53.833	ug/L #	94

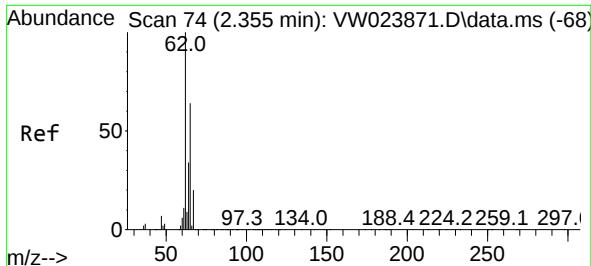
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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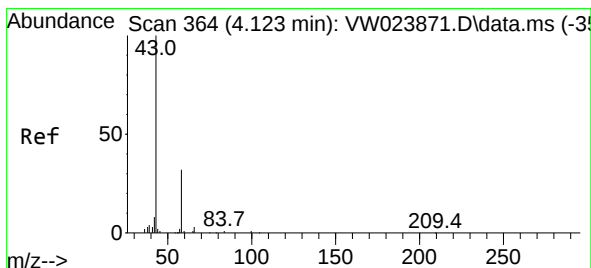
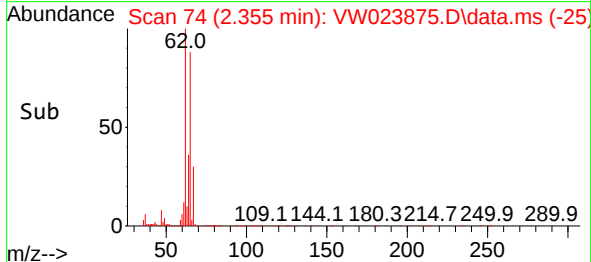
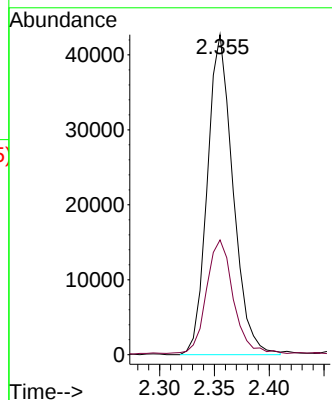
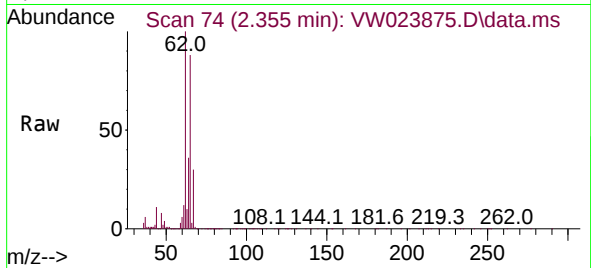




#5
 Vinyl chloride
 Concen: 6.333 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023875.D
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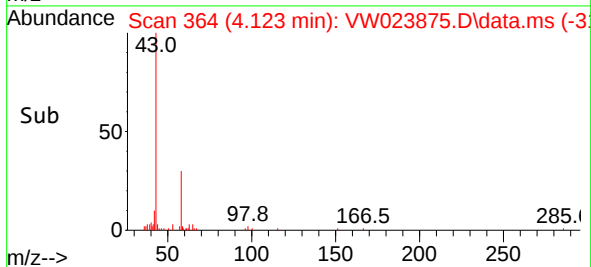
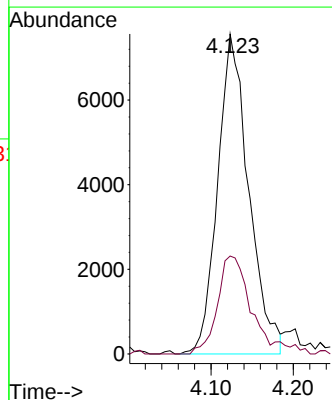
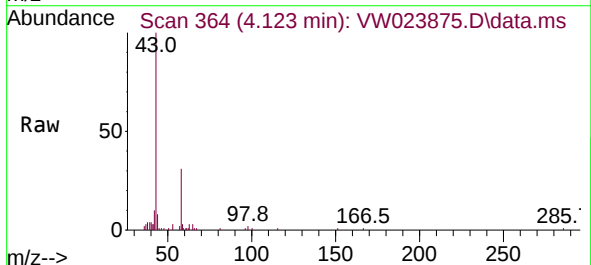
Instrument :
 MSVOA_W
 ClientSampleId :

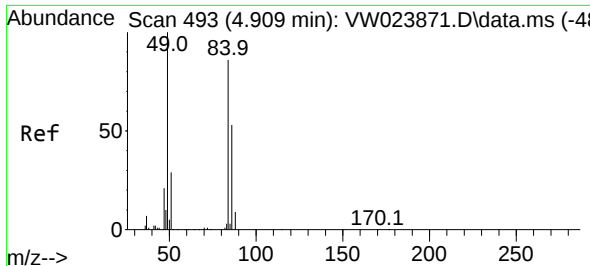
Tgt Ion: 62 Resp: 69518
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.0 44.6



#13
 Acetone
 Concen: 18.452 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.000 min
 Lab File: VW023875.D
 Acq: 19 Jul 2022 11:27

Tgt Ion: 43 Resp: 19851
 Ion Ratio Lower Upper
 43 100
 58 31.4 0.0 64.2

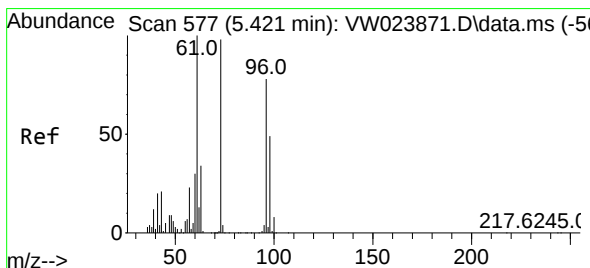
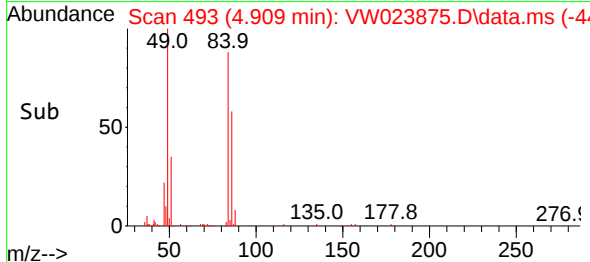
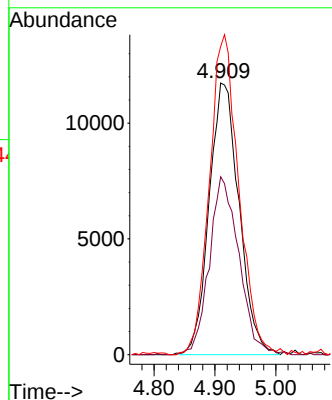
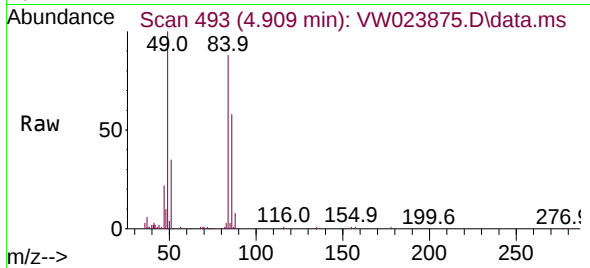




#16
Methylene chloride
Concen: 6.655 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW023875.D
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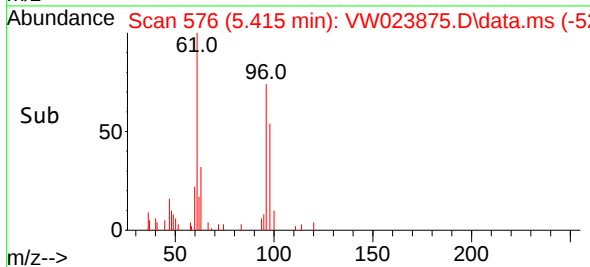
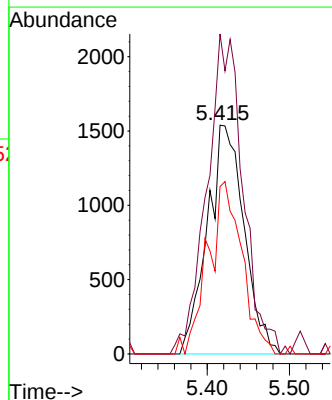
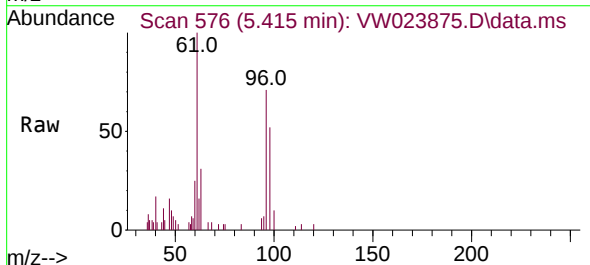
Instrument :
MSVOA_W
ClientSampleId :

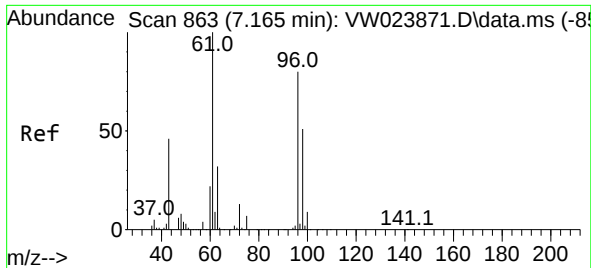
Tgt Ion: 84 Resp: 39970
Ion Ratio Lower Upper
84 100
86 65.5 42.8 79.6
49 113.4 85.4 158.6



#17
trans-1,2-Dichloroethene
Concen: 0.965 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW023875.D
Acq: 19 Jul 2022 11:27

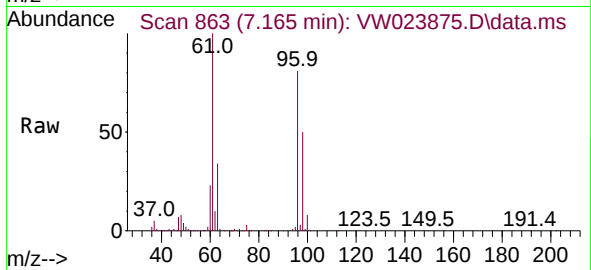
Tgt Ion: 96 Resp: 4768
Ion Ratio Lower Upper
96 100
61 139.9 90.8 168.6
98 73.2 42.8 79.6





#20
 cis-1,2-Dichloroethene
 Concen: 53.833 ug/L
 RT: 7.165 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW023875.D
 Acq: 19 Jul 2022 11:27

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 294626

Ion	Ratio	Lower	Upper
96	100		
61	122.7	90.6	168.2
68	0.1	0.2	0.4

