

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW093022\
 Data File : VW028243.D
 Acq On : 30 Sep 2022 22:28
 Operator : SY/MD
 Sample : N4865-05DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW844DL

Quant Time: Oct 01 02:17:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

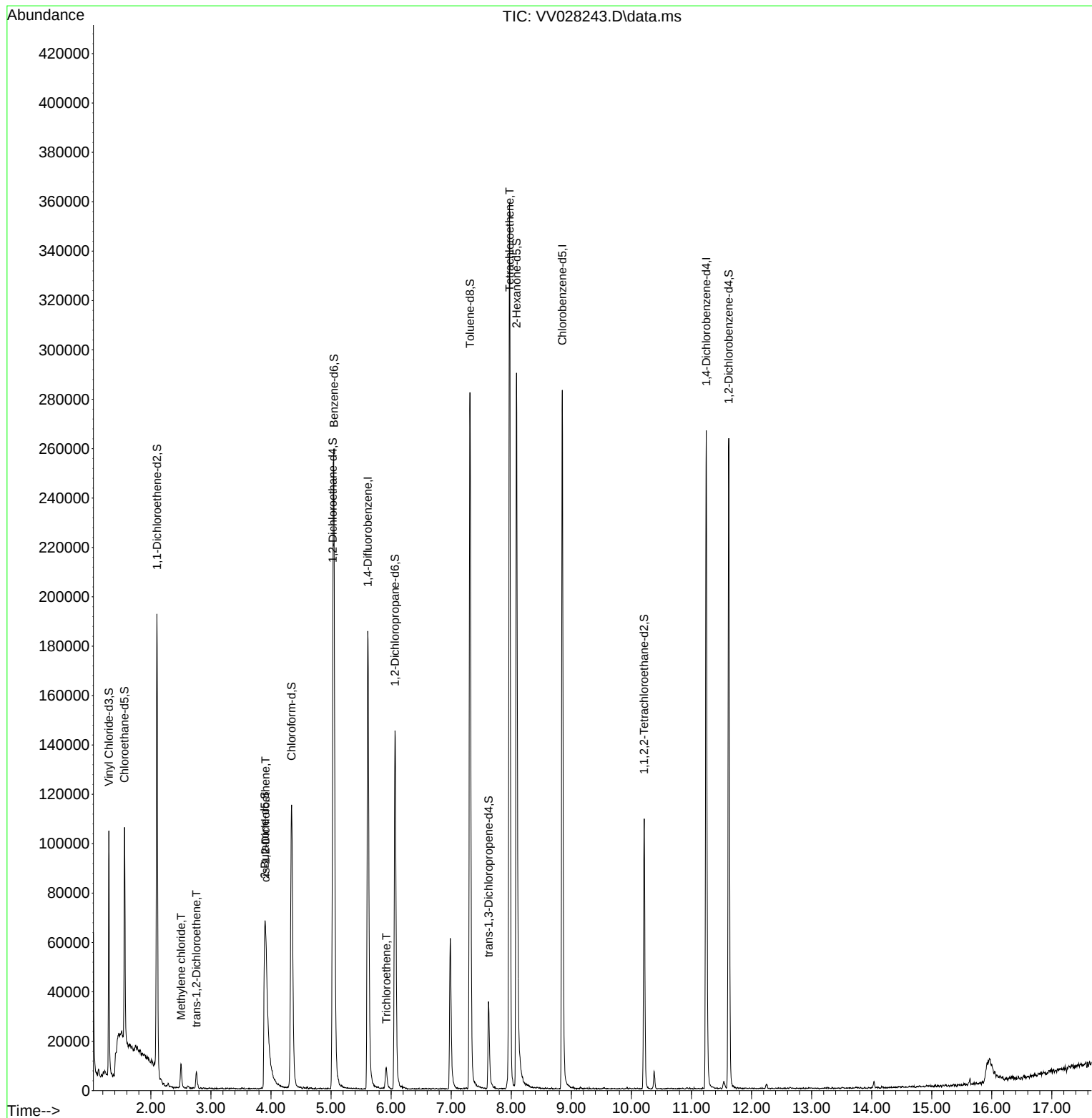
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	173308	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	170026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77855	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	62874	3.499	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.000%	
7) Chloroethane-d5	1.561	69	56699	3.969	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.101	63	92610	2.972	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.400%#	
20) 2-Butanone-d5	3.899	46	127798	42.131	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.260%	
24) Chloroform-d	4.343	84	125040	4.361	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
26) 1,2-Dichloroethane-d4	5.031	65	58726	4.305	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
32) Benzene-d6	5.047	84	244942	4.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	6.066	67	72955	4.198	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.313	98	200894	3.981	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	7.622	79	22264	3.546	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.000%	
46) 2-Hexanone-d5	8.088	63	108417	41.376	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.760%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52082	4.384	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.600%	
66) 1,2-Dichlorobenzene-d4	11.619	152	73884	4.838	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
16) Methylene chloride	2.503	84	4166	0.312	ug/L	90
18) trans-1,2-Dichloroethene	2.757	96	2916	0.278	ug/L	82
22) cis-1,2-Dichloroethene	3.908	96	2366	0.172	ug/L	79
34) Trichloroethene	5.921	95	3100	0.264	ug/L	89
47) Tetrachloroethene	7.973	164	86921	9.265	ug/L	97

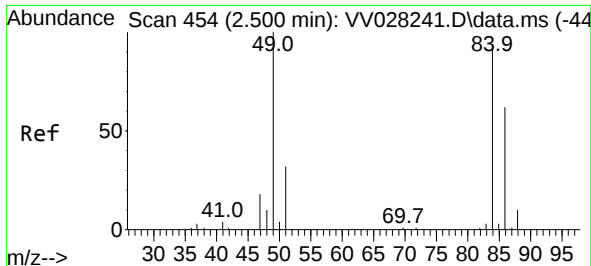
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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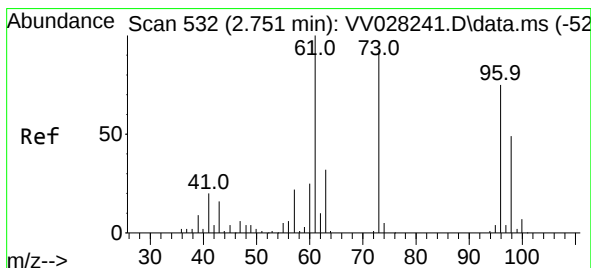
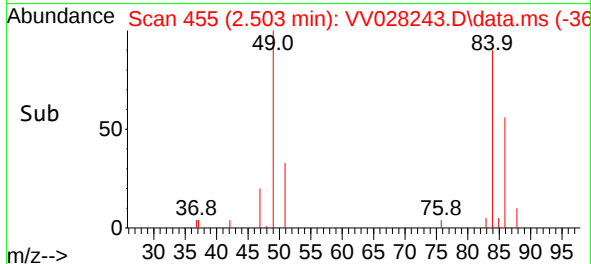
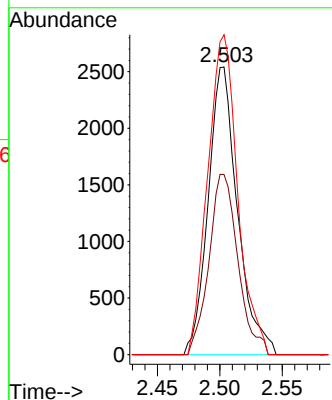
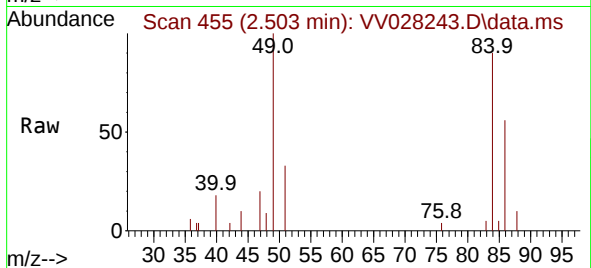




#16
Methylene chloride
Concen: 0.312 ug/L
RT: 2.503 min Scan# 4166
Delta R.T. 0.006 min
Lab File: VV028243.D
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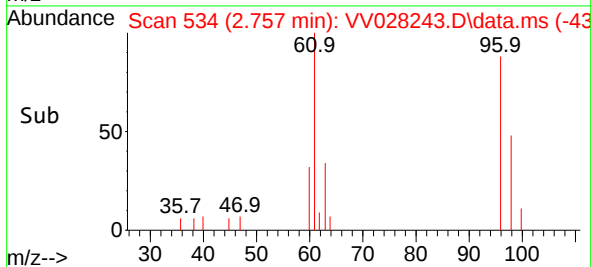
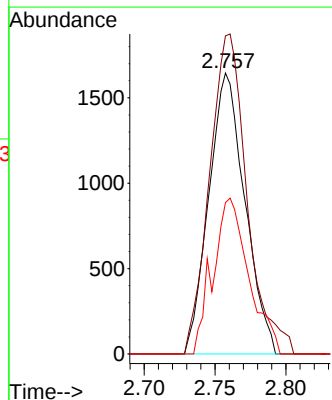
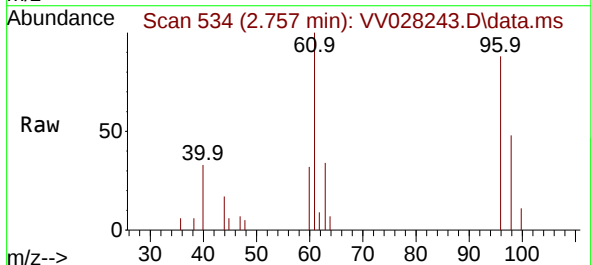
Instrument :
MSVOA_V
ClientSampleId :
EW844DL

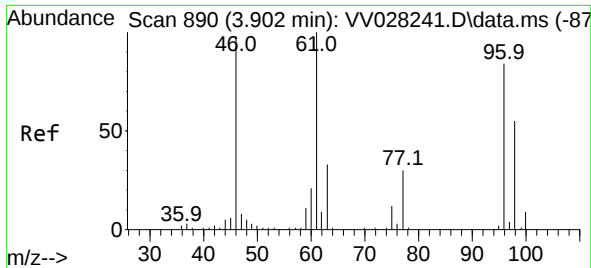
Tgt Ion: 84 Resp: 4166
Ion Ratio Lower Upper
84 100
86 62.6 46.8 86.8
49 111.3 87.5 162.5



#18
trans-1,2-Dichloroethene
Concen: 0.278 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV028243.D
Acq: 30 Sep 2022 22:28

Tgt Ion: 96 Resp: 2916
Ion Ratio Lower Upper
96 100
61 113.3 96.2 178.6
98 53.9 45.7 84.9

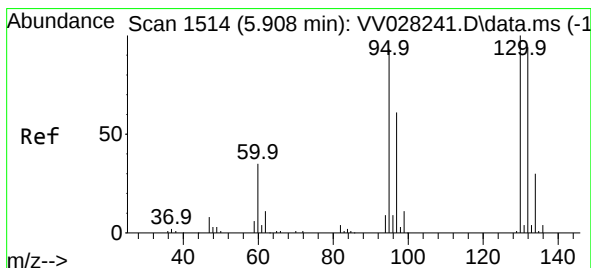
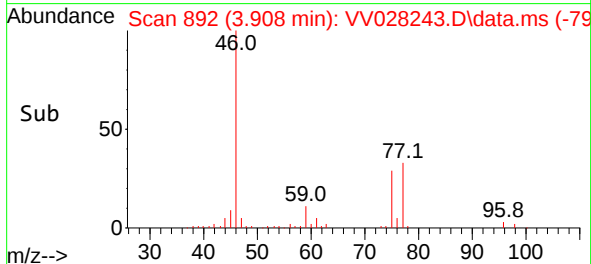
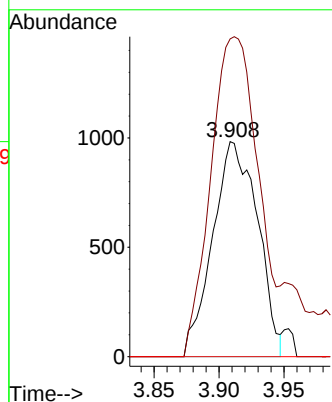
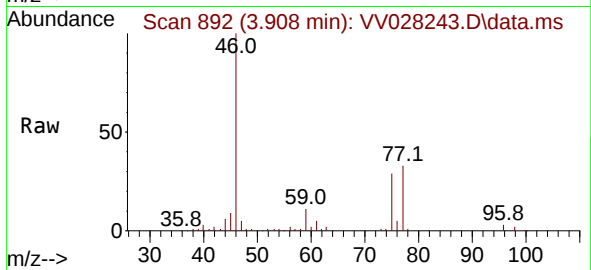




#22
 cis-1,2-Dichloroethene
 Concen: 0.172 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV028243.D
 Acq: 30 Sep 2022 22:28

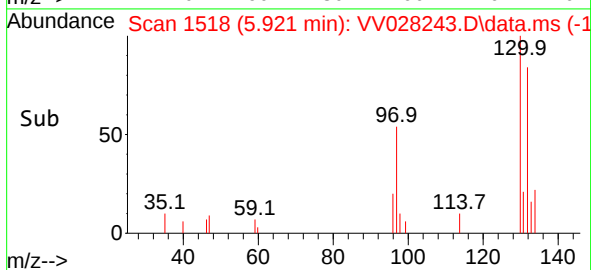
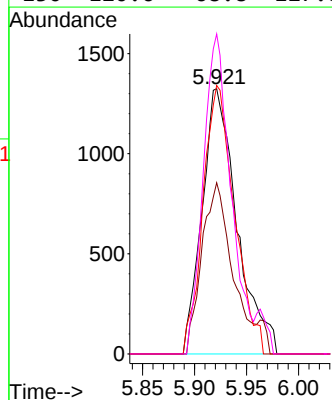
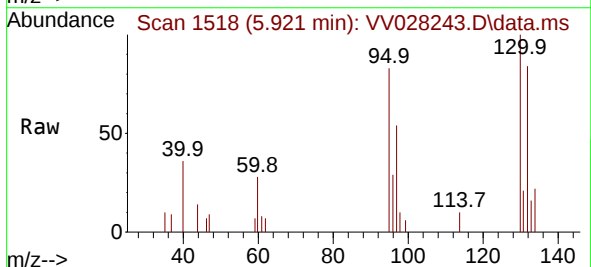
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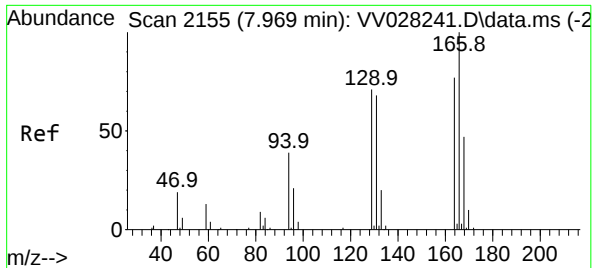
Tgt Ion: 96 Resp: 2366
 Ion Ratio Lower Upper
 96 100
 61 147.8 87.2 161.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.264 ug/L
 RT: 5.921 min Scan# 1518
 Delta R.T. 0.016 min
 Lab File: VV028243.D
 Acq: 30 Sep 2022 22:28

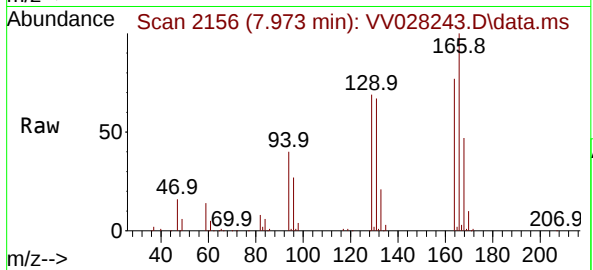
Tgt Ion: 95 Resp: 3100
 Ion Ratio Lower Upper
 95 100
 97 64.5 44.2 82.0
 132 101.2 67.8 126.0
 130 120.6 68.8 127.8





#47
 Tetrachloroethene
 Concen: 9.265 ug/L
 RT: 7.973 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028243.D
 Acq: 30 Sep 2022 22:28

Instrument :
 MSVOA_V
 ClientSampleId :
 EW844DL



Tgt Ion:	164	Resp:	86921
Ion	Ratio	Lower	Upper
164	100		
129	88.5	66.7	123.9
131	86.7	61.7	114.5
166	129.1	90.9	168.9

