

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022824\
 Data File : VW034462.D
 Acq On : 28 Feb 2024 11:29
 Operator : SY/MD
 Sample : P1535-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF8

Quant Time: Feb 29 00:36:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 29 00:34:49 2024
 Response via : Initial Calibration

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

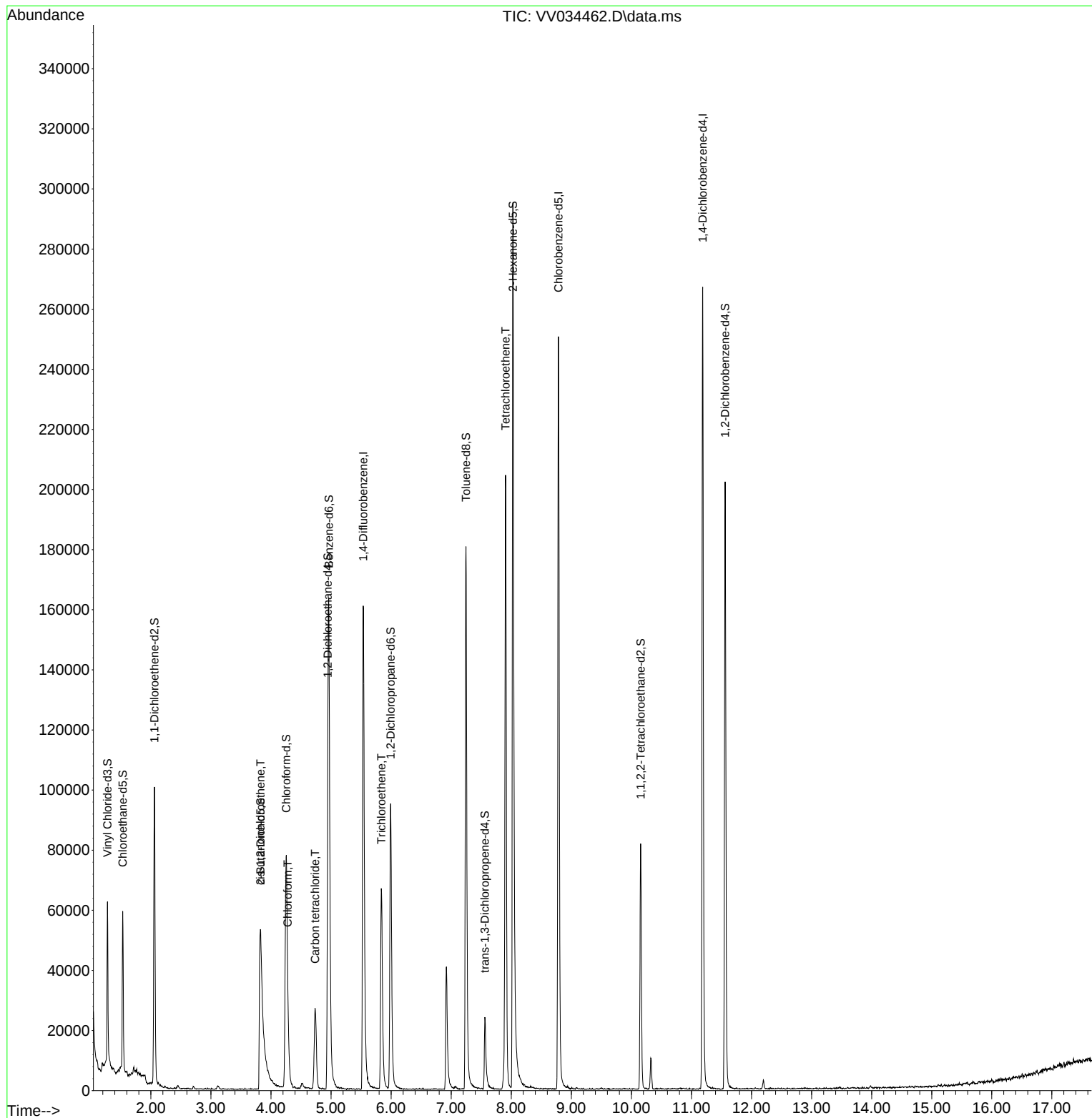
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	143461	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	135127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	67931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33754	4.053	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.532	69	31718	4.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.060	65	16125	4.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.825	46	119645	54.950	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.900%
24) Chloroform-d	4.253	84	80986	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.947	65	45077	5.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.963	84	139813	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	5.992	67	46181	5.088	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.246	98	122557	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.561	79	16658	4.926	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.027	63	109768	57.412	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.820%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	38931	5.419	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	51919	5.031	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.825	96	6214	0.619	ug/L	82
25) Chloroform	4.278	83	14273	0.781	ug/L	97
31) Carbon tetrachloride	4.735	117	20800	1.418	ug/L	100
34) Trichloroethene	5.838	95	24617	2.521	ug/L	93
47) Tetrachloroethene	7.905	164	44062	5.751	ug/L	96

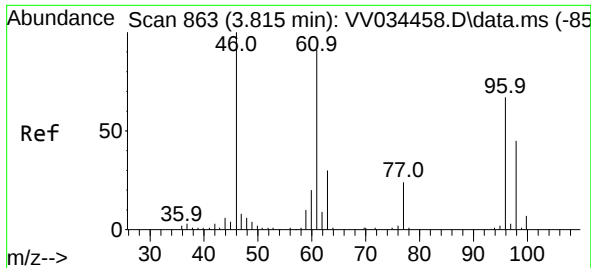
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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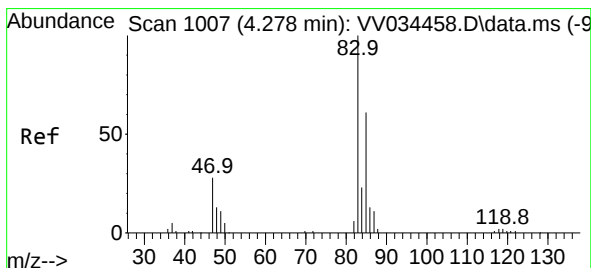
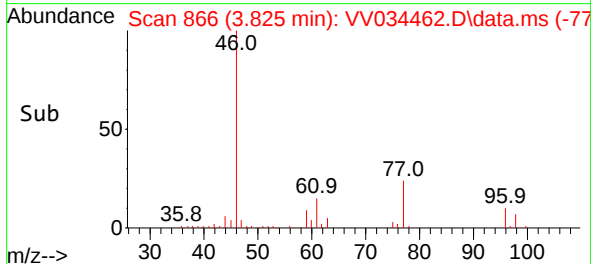
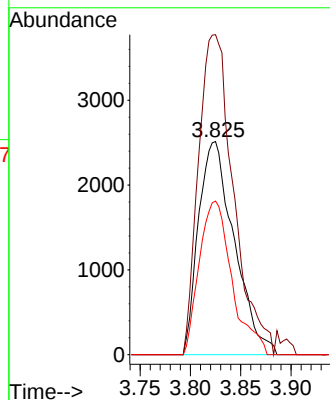
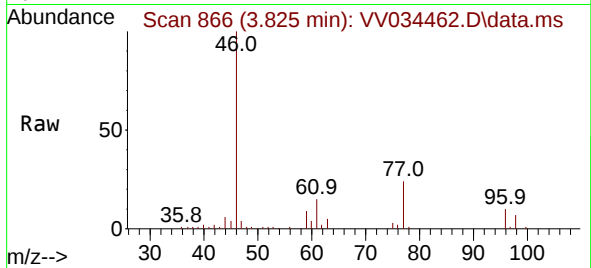




#22
cis-1,2-Dichloroethene
Concen: 0.619 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.010 min
Lab File: VV034462.D
Acq: 28 Feb 2024 11:29

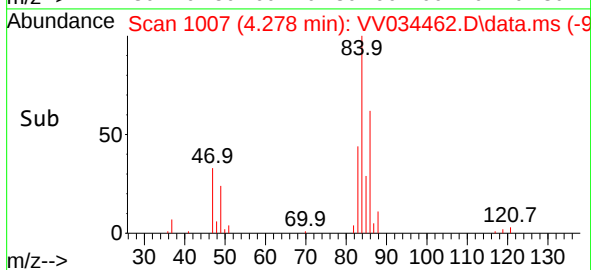
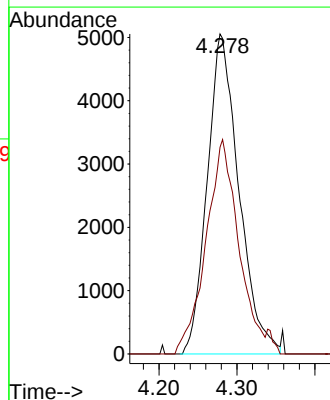
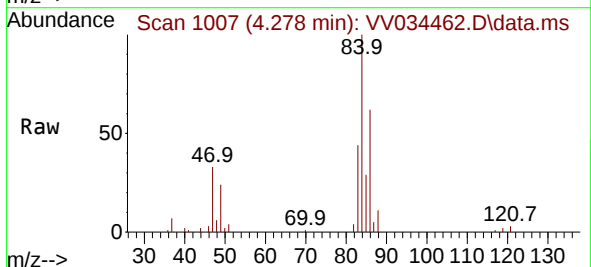
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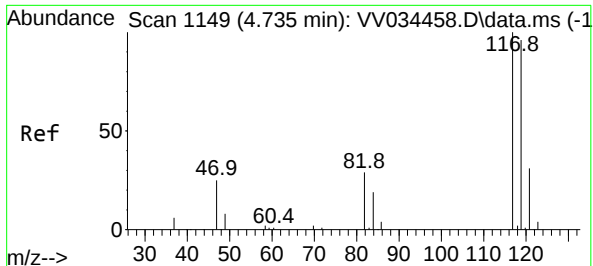
Tgt Ion: 96 Resp: 6214
Ion Ratio Lower Upper
96 100
61 150.2 89.7 166.5
98 72.1 42.0 78.0



#25
Chloroform
Concen: 0.781 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV034462.D
Acq: 28 Feb 2024 11:29

Tgt Ion: 83 Resp: 14273
Ion Ratio Lower Upper
83 100
85 64.6 47.0 87.4

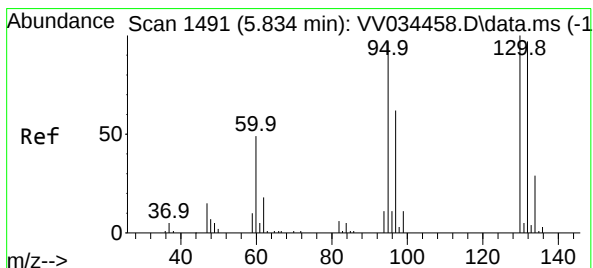
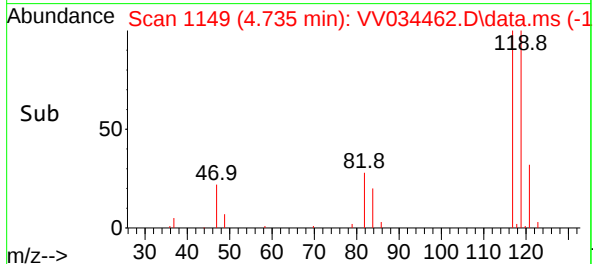
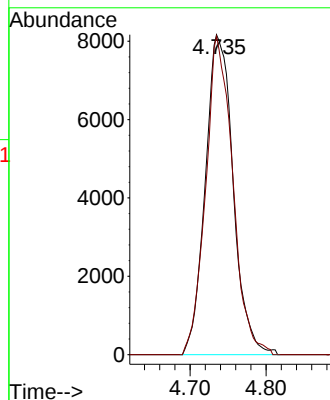
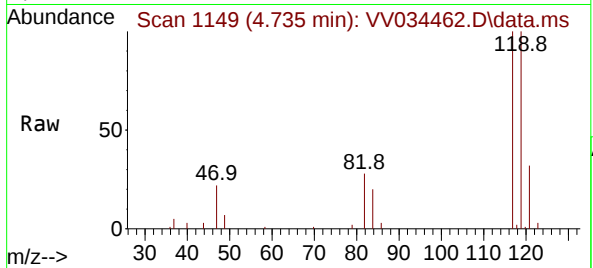




#31
Carbon tetrachloride
Concen: 1.418 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV034462.D
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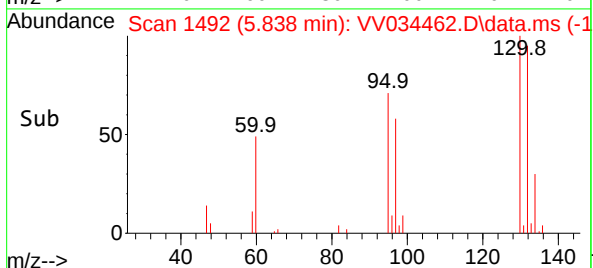
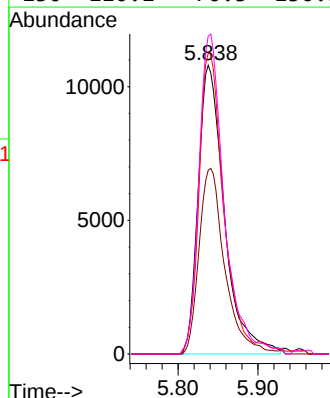
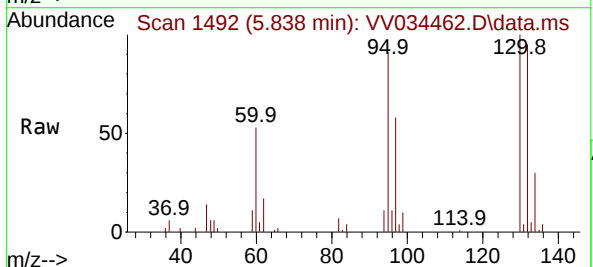
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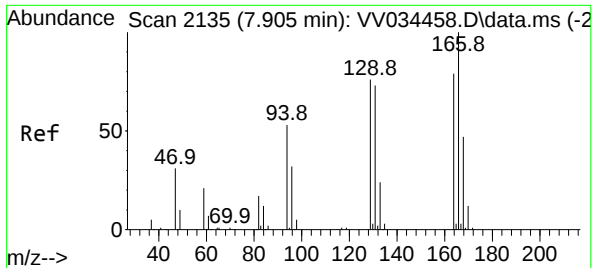
Tgt Ion:117 Resp: 20800
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.6



#34
Trichloroethene
Concen: 2.521 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV034462.D
Acq: 28 Feb 2024 11:29

Tgt Ion: 95 Resp: 24617
Ion Ratio Lower Upper
95 100
97 63.6 43.3 80.5
132 104.3 67.8 126.0
130 110.1 70.3 130.5





#47
 Tetrachloroethene
 Concen: 5.751 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034462.D
 Acq: 28 Feb 2024 11:29

Instrument :
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Tgt Ion:164	Resp:	44062
Ion	Ratio	Lower Upper
164	100	
129	90.0	64.2 119.2
131	87.2	65.9 122.3
166	125.4	89.9 166.9

