

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060880.D
 Acq On : 18 Sep 2024 19:14
 Operator : MD/SY
 Sample : P3952-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B48

Quant Time: Sep 19 05:17:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 05:11:13 2024
 Response via : Initial Calibration

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

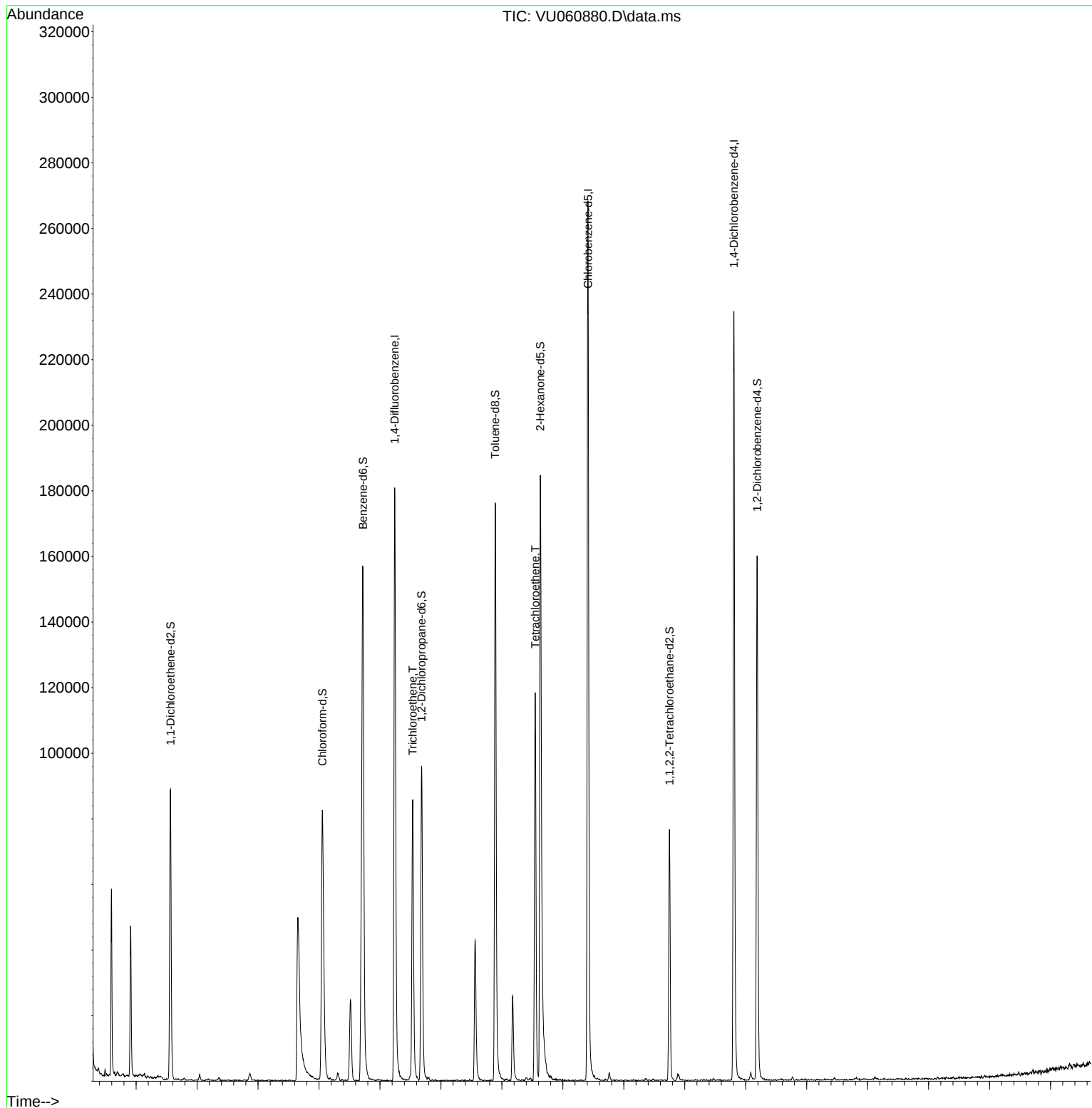
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160516	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	170668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72183	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40765	2.824	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.400%
7) Chloroethane-d5	1.911	69	34088	3.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.400%
11) 1,1-Dichloroethene-d2	2.563	65	16823	3.288	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	4.650	46	88971	38.387	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.780%
24) Chloroform-d	5.055	84	81532	3.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
26) 1,2-Dichloroethane-d4	5.695	65	38488	3.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
32) Benzene-d6	5.721	84	159459	3.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.800%#
36) 1,2-Dichloropropane-d6	6.682	67	51339	3.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.600%
41) Toluene-d8	7.891	98	132885	3.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.800%#
43) trans-1,3-Dichloroprop...	8.174	79	16838	3.305	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.200%
46) 2-Hexanone-d5	8.631	63	72727	36.189	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41802	3.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	48678	4.013	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
19) 1,1-Dichloroethane	3.869	63	3211	0.153	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	7588	0.655	ug/L	88
25) Chloroform	5.078	83	17568	0.802	ug/L	95
31) Carbon tetrachloride	5.515	117	17909	1.098	ug/L	96
34) Trichloroethene	6.537	95	31588	2.568	ug/L	93
47) Tetrachloroethene	8.547	164	29714	3.039	ug/L	97

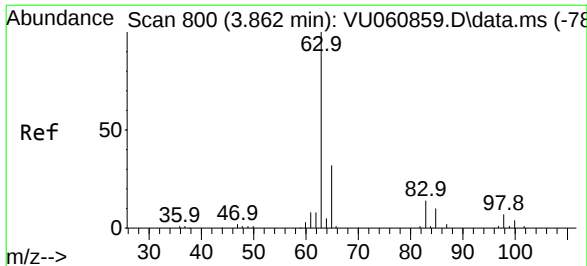
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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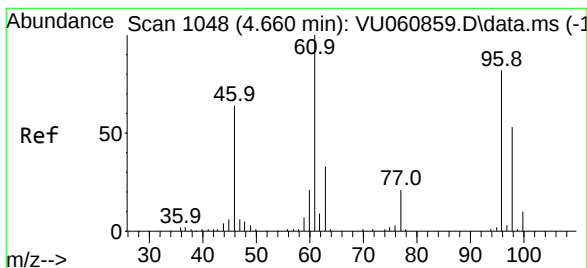
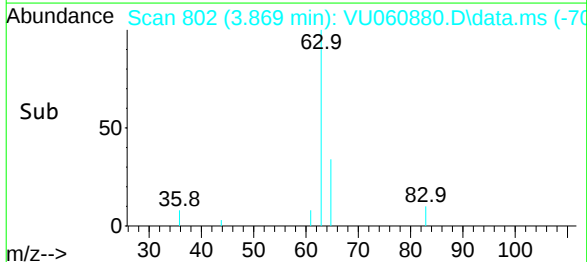
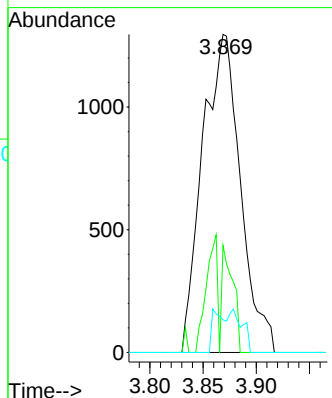
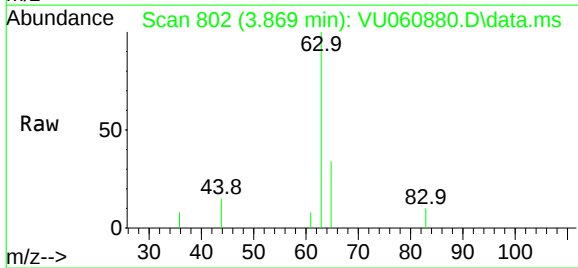




#19
1,1-Dichloroethane
Concen: 0.153 ug/L
RT: 3.869 min Scan# 800
Delta R.T. 0.006 min
Lab File: VU060880.D
Acq: 18 Sep 2024 19:14

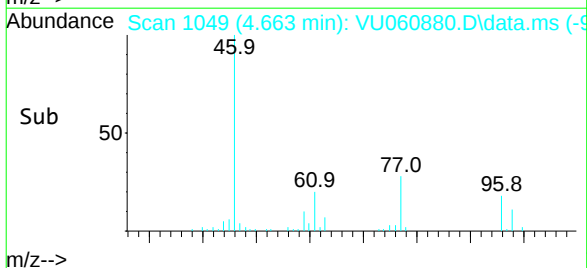
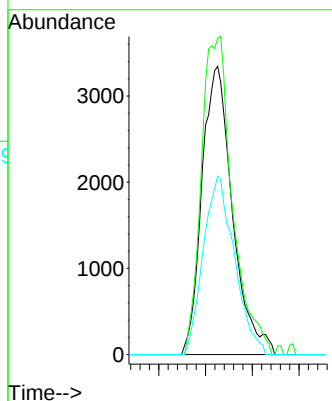
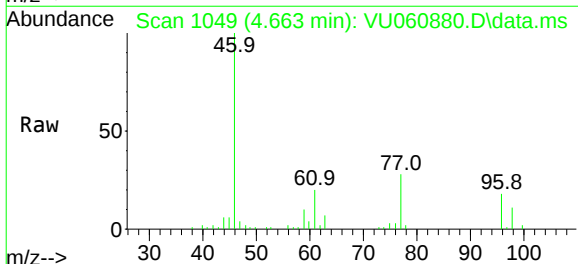
Instrument :
MSVOA_U
ClientSampleId :
C0B48

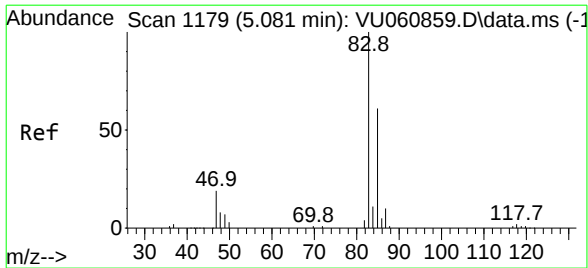
Tgt Ion:	63	Resp:	3211
Ion	Ratio	Lower	Upper
63	100		
65	33.6	23.0	42.8
83	10.3	9.0	16.6



#22
cis-1,2-Dichloroethene
Concen: 0.655 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU060880.D
Acq: 18 Sep 2024 19:14

Tgt Ion:	96	Resp:	7588
Ion	Ratio	Lower	Upper
96	100		
61	109.7	89.7	166.5
98	61.9	45.1	83.9

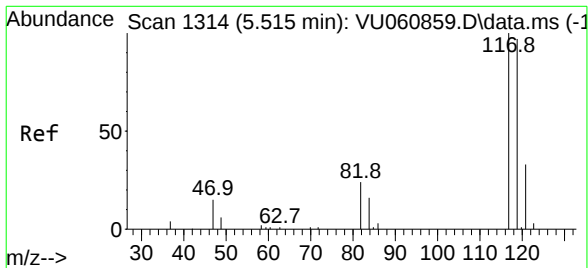
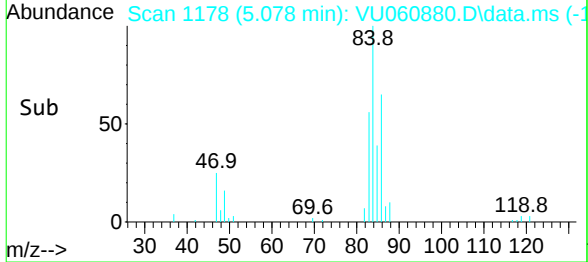
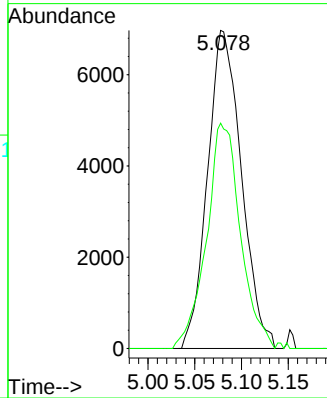
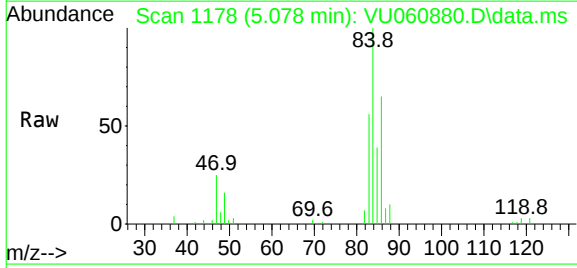




#25
Chloroform
Concen: 0.802 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU060880.D
Acq: 18 Sep 2024 19:14

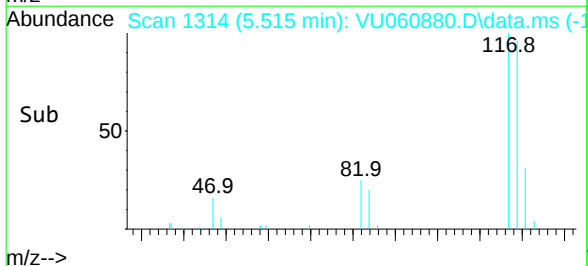
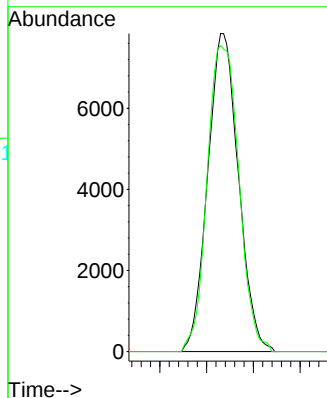
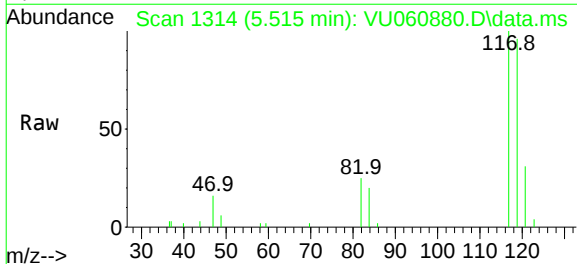
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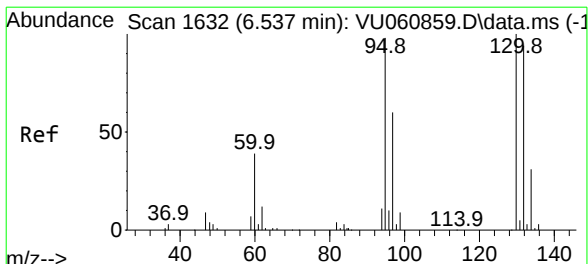
Tgt Ion: 83 Resp: 17568
Ion Ratio Lower Upper
83 100
85 70.9 46.8 86.8



#31
Carbon tetrachloride
Concen: 1.098 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060880.D
Acq: 18 Sep 2024 19:14

Tgt Ion: 117 Resp: 17909
Ion Ratio Lower Upper
117 100
119 99.5 76.3 114.5

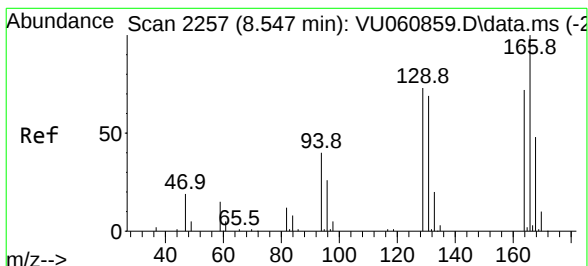
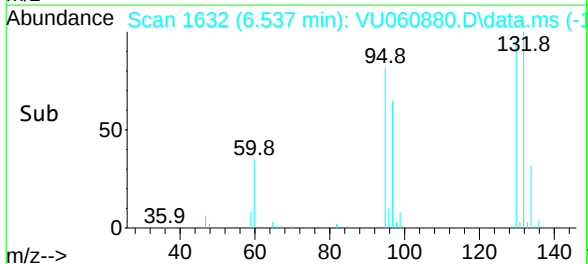
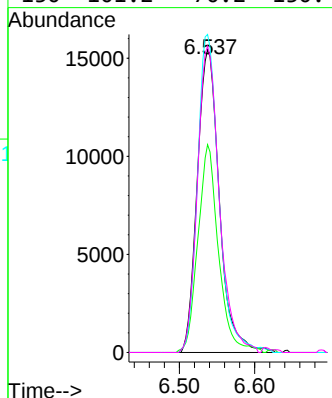
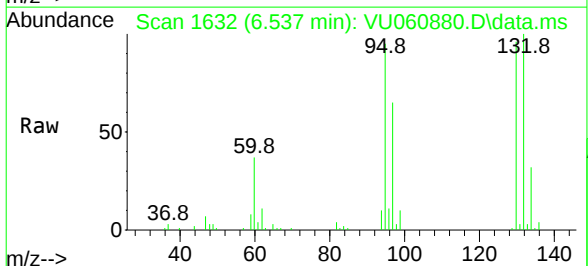




#34
 Trichloroethene
 Concen: 2.568 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU060880.D
 Acq: 18 Sep 2024 19:14

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B48

Tgt Ion:	95	Resp:	31588
Ion	Ratio	Lower	Upper
95	100		
97	68.7	44.9	83.5
132	105.1	63.5	117.9
130	101.2	70.2	130.4



#47
 Tetrachloroethene
 Concen: 3.039 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. 0.000 min
 Lab File: VU060880.D
 Acq: 18 Sep 2024 19:14

Tgt Ion:	164	Resp:	29714
Ion	Ratio	Lower	Upper
164	100		
129	90.5	67.3	124.9
131	91.0	65.4	121.4
166	127.4	89.5	166.1

