

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058891.D
 Acq On : 14 May 2024 17:17
 Operator : MD/SY
 Sample : P2392-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAQ1

Quant Time: May 15 01:10:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

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

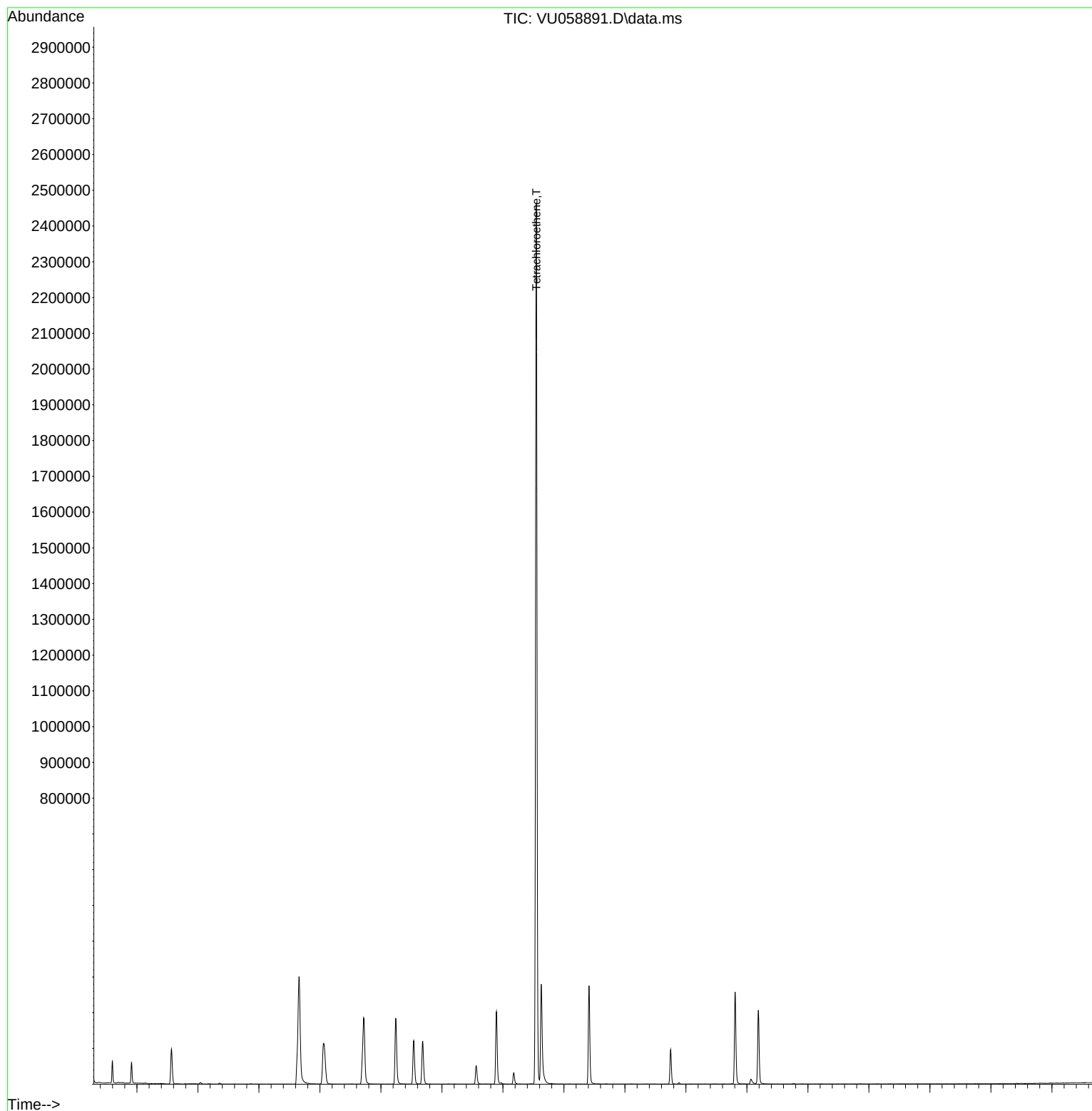
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151958	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71153	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	42196	4.584	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.911	69	40112	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.563	65	17132	4.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.628	46	131066	54.767	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.540%
24) Chloroform-d	5.055	84	93488	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	48603	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.721	84	176996	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.682	67	59362	4.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.894	98	141941	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.177	79	19217	4.696	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.627	63	106622	54.288	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51611	5.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	56976	5.324	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	6639	0.701	ug/L	# 1
16) Methylene chloride	3.046	84	2184	0.170	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	145882	12.712	ug/L	95
25) Chloroform	5.081	83	57249	2.629	ug/L	95
34) Trichloroethene	6.537	95	44299	3.654	ug/L	94
47) Tetrachloroethene	8.547	164	518995	60.088	ug/L	98

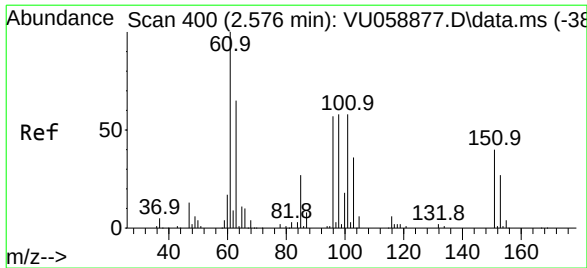
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 15 00:49:30 2024
Response via : Initial Calibration

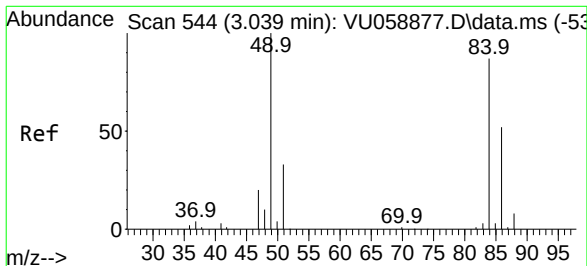
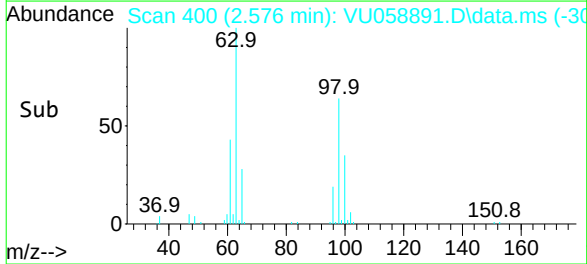
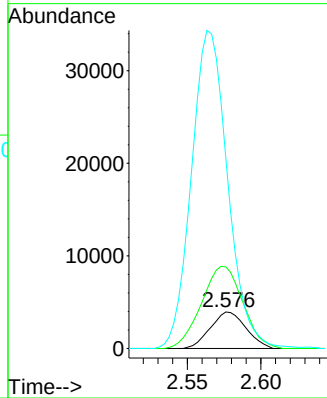
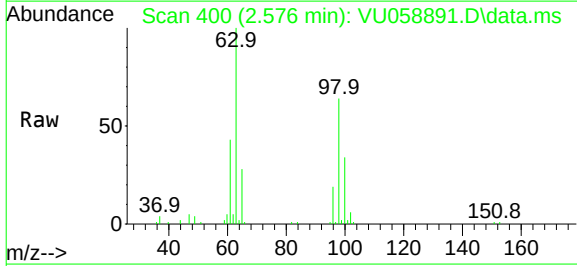




#12
1,1-Dichloroethene
Concen: 0.701 ug/L
RT: 2.576 min Scan# 40
Delta R.T. 0.000 min
Lab File: VU058891.D
Acq: 14 May 2024 17:17

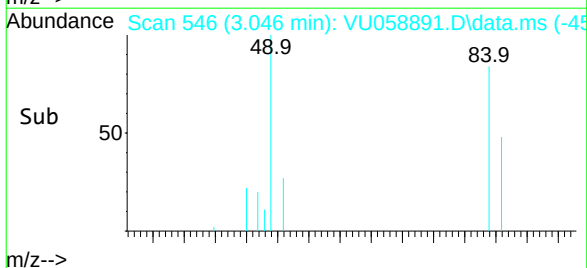
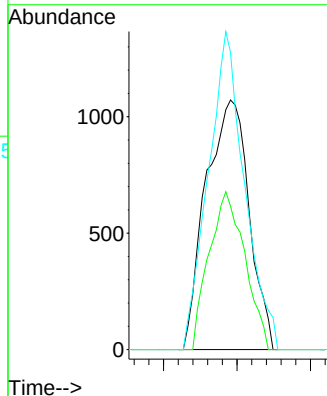
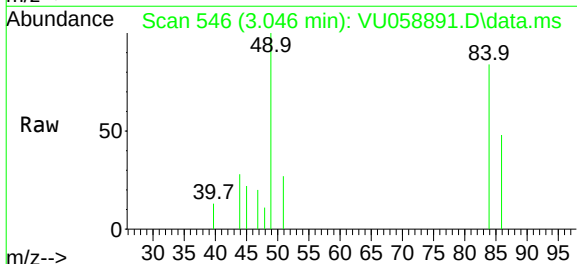
Instrument :
MSVOA_U
ClientSampleId :
BHAQ1

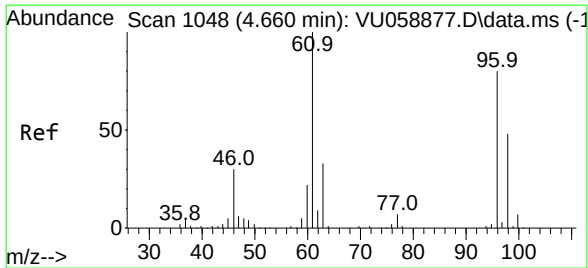
Tgt Ion: 96 Resp: 6639
Ion Ratio Lower Upper
96 100
61 223.6 122.9 228.3
63 521.6 80.4 149.4#



#16
Methylene chloride
Concen: 0.170 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.006 min
Lab File: VU058891.D
Acq: 14 May 2024 17:17

Tgt Ion: 84 Resp: 2184
Ion Ratio Lower Upper
84 100
86 57.5 42.1 78.1
49 119.0 80.6 149.8

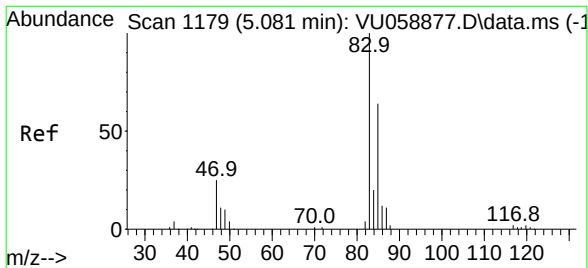
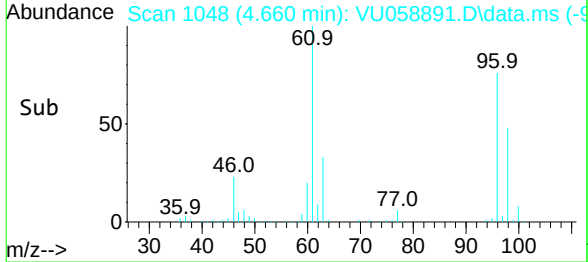
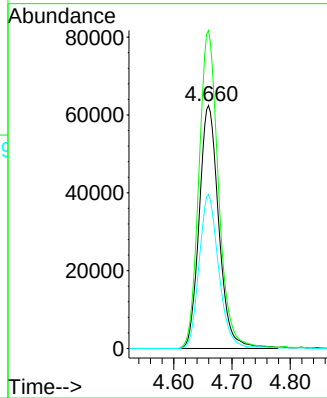
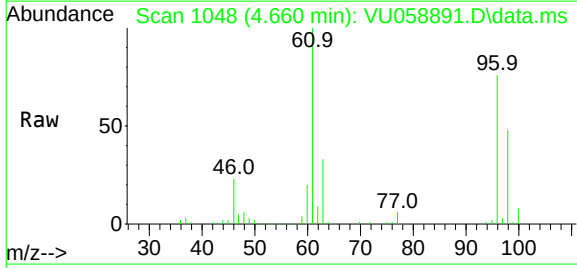




#22
cis-1,2-Dichloroethene
Concen: 12.712 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU058891.D
Acq: 14 May 2024 17:17

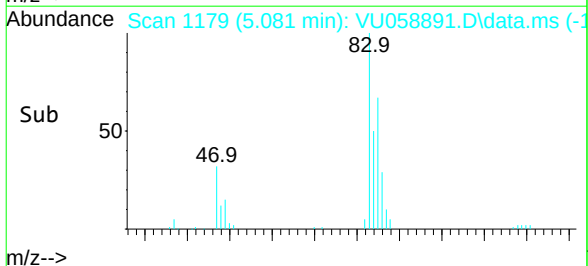
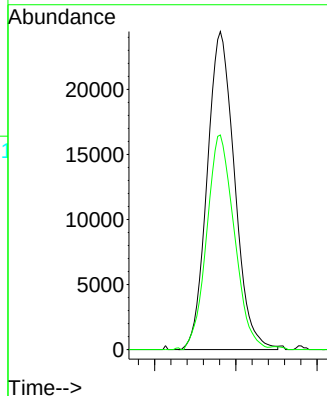
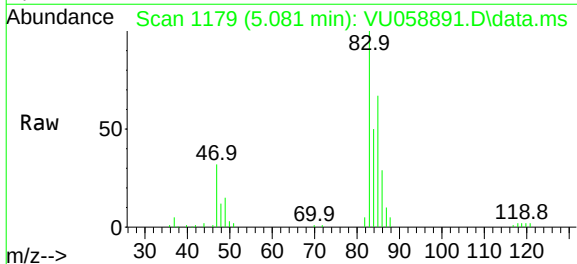
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MSVOA_U
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BHAQ1

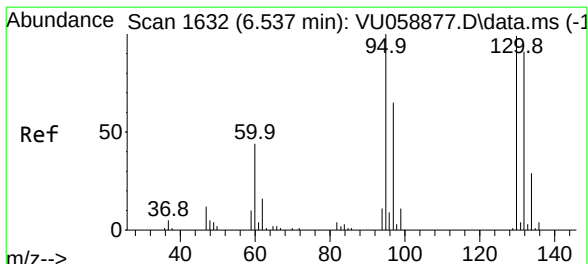
Tgt Ion: 96 Resp: 145882
Ion Ratio Lower Upper
96 100
61 130.9 87.4 162.2
98 63.4 42.3 78.5



#25
Chloroform
Concen: 2.629 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU058891.D
Acq: 14 May 2024 17:17

Tgt Ion: 83 Resp: 57249
Ion Ratio Lower Upper
83 100
85 67.5 44.7 83.1

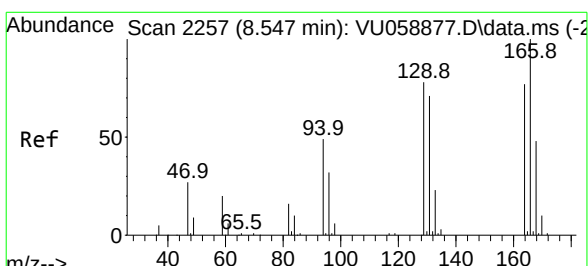
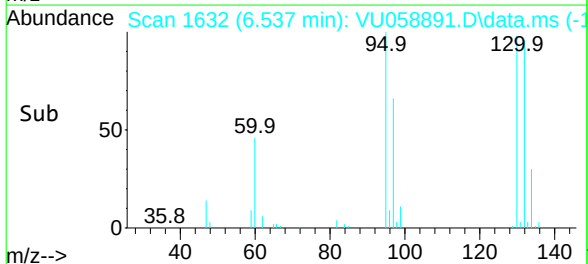
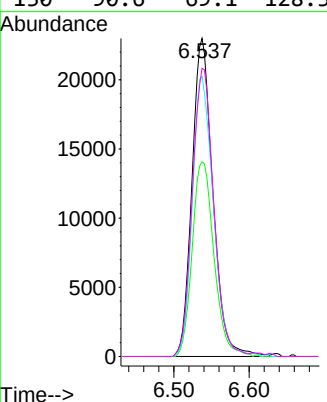
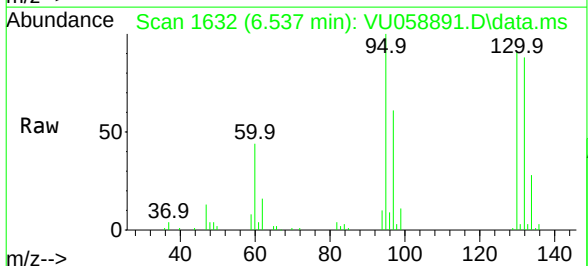




#34
 Trichloroethene
 Concen: 3.654 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU058891.D
 Acq: 14 May 2024 17:17

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	95	Resp:	44299
Ion	Ratio	Lower	Upper
95	100		
97	61.2	45.3	84.1
132	88.1	64.0	119.0
130	90.6	69.1	128.3



#47
 Tetrachloroethene
 Concen: 60.088 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. 0.000 min
 Lab File: VU058891.D
 Acq: 14 May 2024 17:17

Tgt Ion:	164	Resp:	518995
Ion	Ratio	Lower	Upper
164	100		
129	100.0	70.8	131.4
131	96.0	64.8	120.3
166	127.7	91.1	169.1

