

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061925.D
 Acq On : 21 Nov 2024 18:16
 Operator : MD/SY
 Sample : P4903-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG401

Quant Time: Nov 21 23:11:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

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

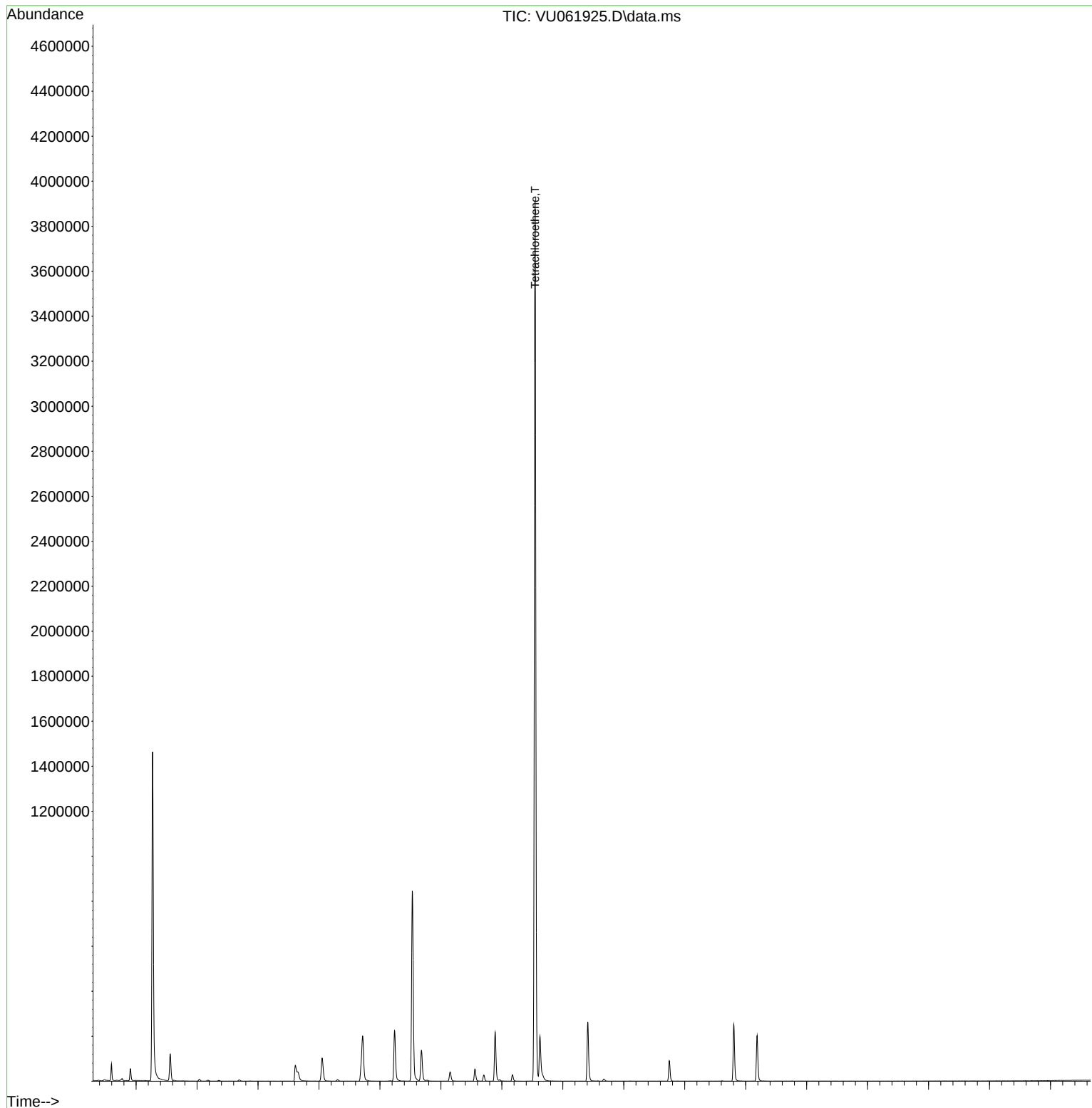
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	186926	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	148940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48381	5.277	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.908	69	39815	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.557	65	22074	6.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.600%
20) 2-Butanone-d5	4.612	46	107739	37.419	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.840%
24) Chloroform-d	5.052	84	95473	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.692	65	52265	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.718	84	191107	6.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	131.800%#
36) 1,2-Dichloropropane-d6	6.682	67	70111	7.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	142.200%#
41) Toluene-d8	7.891	98	153538	6.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.800%
43) trans-1,3-Dichloroprop...	8.174	79	18010	4.934	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.624	63	68410	41.059	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48305	4.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	57005	5.439	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	2165	0.173	ug/L #	1
22) cis-1,2-Dichloroethene	4.660	96	15673	1.051	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	5381	0.313	ug/L	94
34) Trichloroethene	6.531	95	307814	25.641	ug/L	98
47) Tetrachloroethene	8.544	164	867245	99.329	ug/L	97

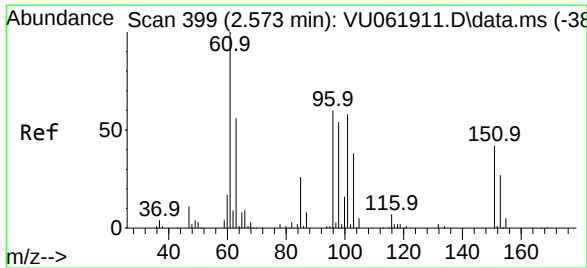
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

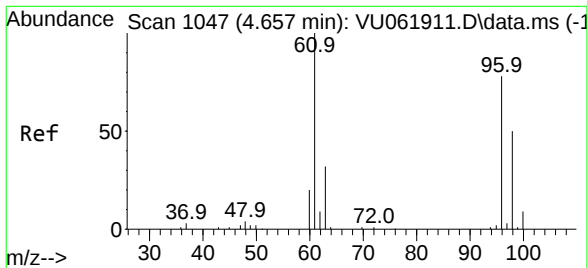
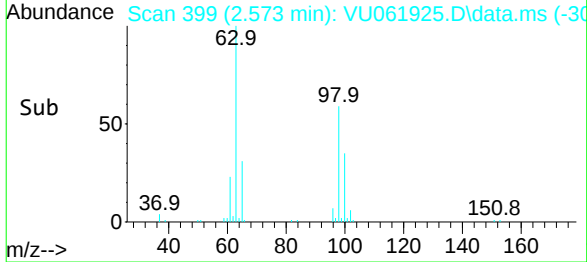
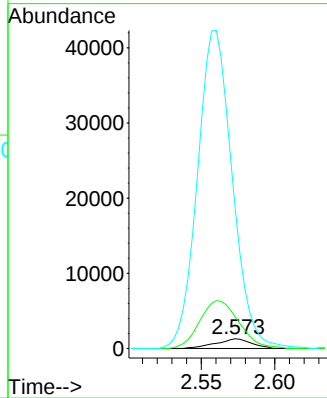
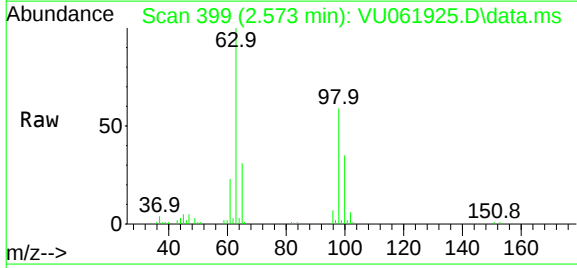




#12
1,1-Dichloroethene
Concen: 0.173 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061925.D
Acq: 21 Nov 2024 18:16

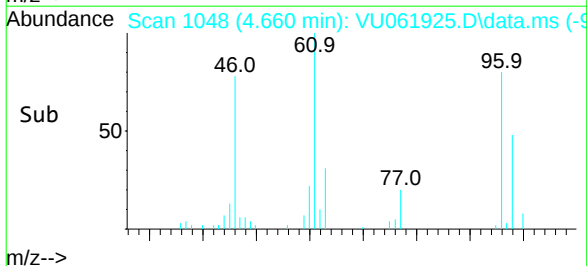
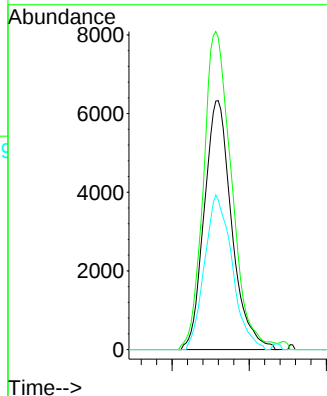
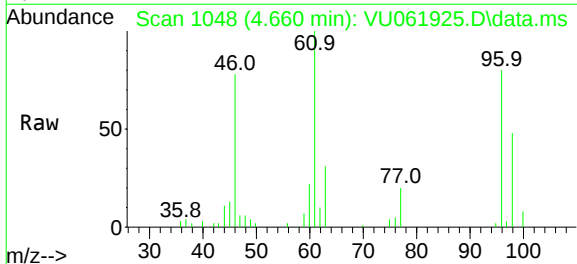
Instrument :
MSVOA_U
ClientSampleId :
BG401

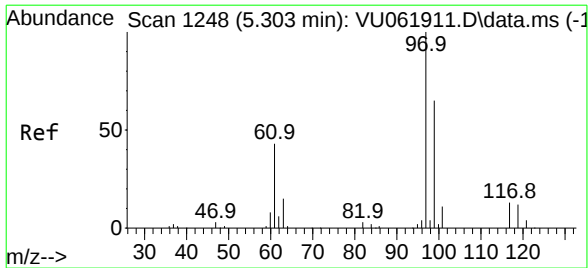
Tgt Ion: 96 Resp: 2165
Ion Ratio Lower Upper
96 100
61 325.6 119.6 222.2#
63 1436.9 65.0 120.6#



#22
cis-1,2-Dichloroethene
Concen: 1.051 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061925.D
Acq: 21 Nov 2024 18:16

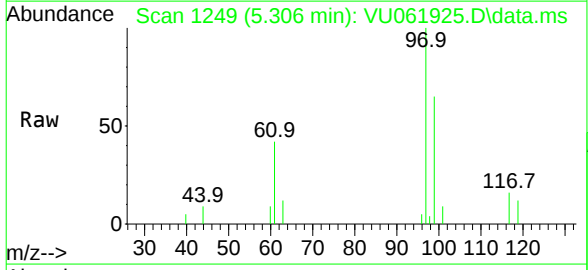
Tgt Ion: 96 Resp: 15673
Ion Ratio Lower Upper
96 100
61 125.4 92.0 170.8
98 60.2 44.5 82.7



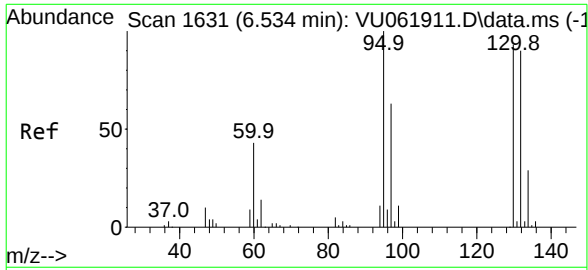
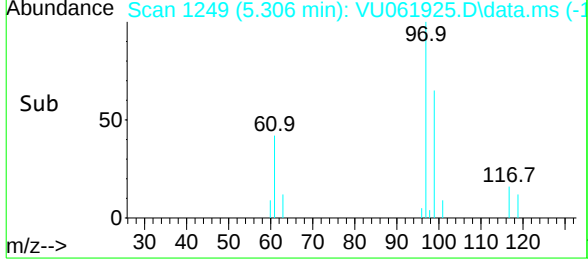
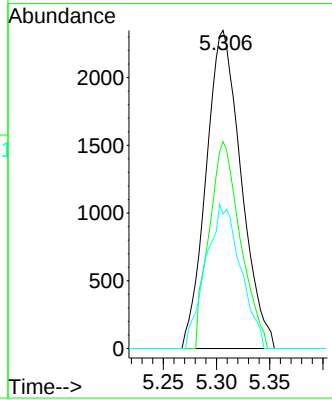


#29
 1,1,1-Trichloroethane
 Concen: 0.313 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.003 min
 Lab File: VU061925.D
 Acq: 21 Nov 2024 18:16

Instrument :
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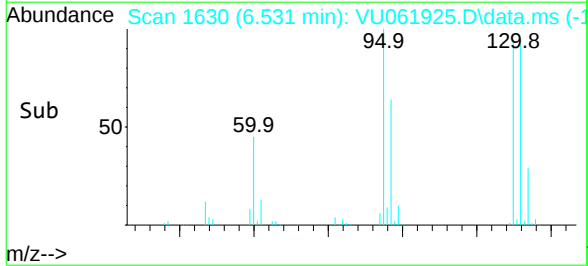
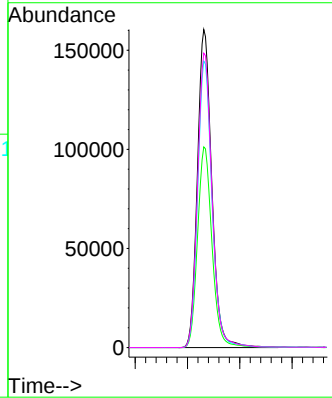
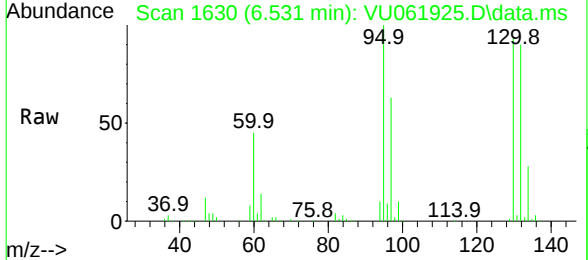


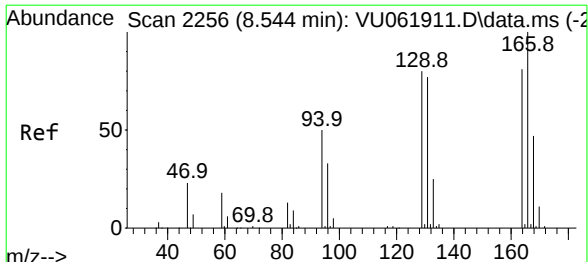
Tgt Ion:	97	Resp:	5381
Ion	Ratio	Lower	Upper
97	100		
99	57.9	51.4	77.2
61	45.2	37.8	56.6



#34
 Trichloroethene
 Concen: 25.641 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.003 min
 Lab File: VU061925.D
 Acq: 21 Nov 2024 18:16

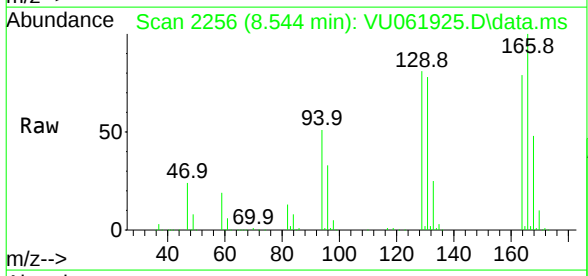
Tgt Ion:	95	Resp:	307814
Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.9	85.3
132	90.1	63.8	118.4
130	92.6	65.5	121.7





#47
Tetrachloroethene
Concen: 99.329 ug/L
RT: 8.544 min Scan# 22
Delta R.T. 0.000 min
Lab File: VU061925.D
Acq: 21 Nov 2024 18:16

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	164	Resp:	867245
Ion	Ratio	Lower	Upper
164	100		
129	102.4	73.2	136.0
131	98.4	72.3	134.3
166	126.6	90.2	167.4

