

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061922.D
 Acq On : 21 Nov 2024 17:02
 Operator : MD/SY
 Sample : P4903-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Z8

Quant Time: Nov 21 23:10:17 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)

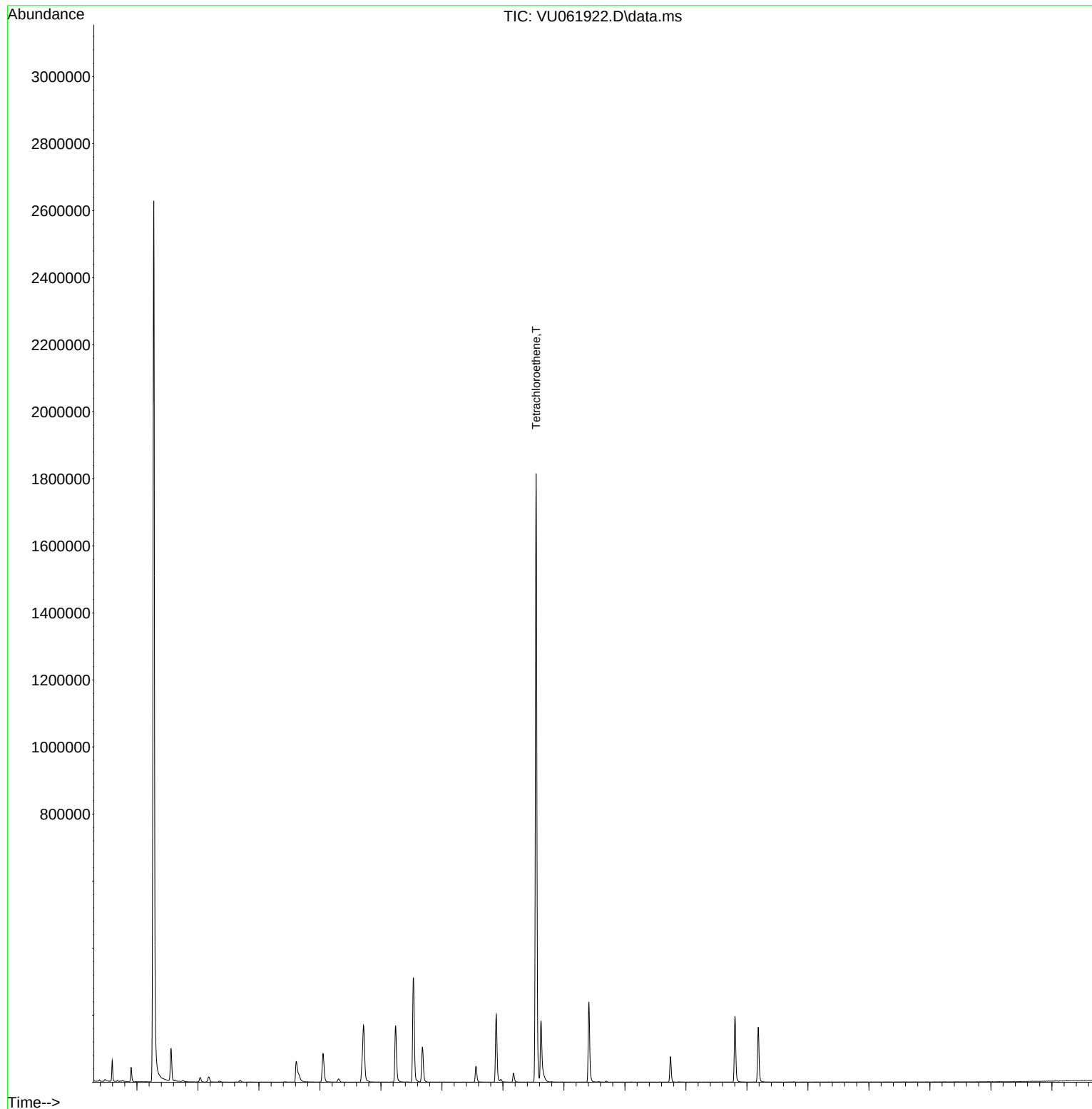
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	141786	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	135215	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56473	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42767	6.149	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.000%
7) Chloroethane-d5	1.907	69	32110	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.560	65	18535	6.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	133.400%#
20) 2-Butanone-d5	4.612	46	93164	42.658	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.320%
24) Chloroform-d	5.052	84	82993	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.692	65	41716	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.718	84	164739	6.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.000%
36) 1,2-Dichloropropane-d6	6.679	67	53315	5.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.200%
41) Toluene-d8	7.891	98	142097	6.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.400%
43) trans-1,3-Dichloroprop...	8.174	79	17081	5.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.624	63	64497	42.640	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39369	4.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	45569	5.457	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
16) Methylene chloride	3.039	84	7294	0.639	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	6766	0.598	ug/L	94
29) 1,1,1-Trichloroethane	5.306	97	7578	0.486	ug/L	98
34) Trichloroethene	6.534	95	116121	10.655	ug/L	99
42) Toluene	7.968	91	6042	0.141	ug/L	100
47) Tetrachloroethene	8.544	164	397085	50.096	ug/L	98

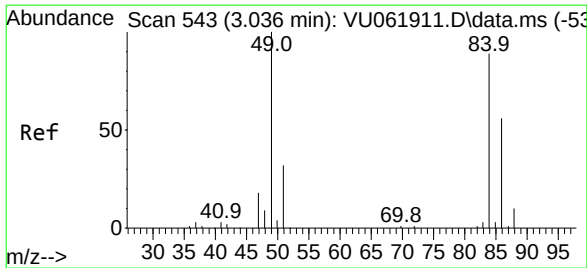
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 23:06:37 2024
Response via : Initial Calibration

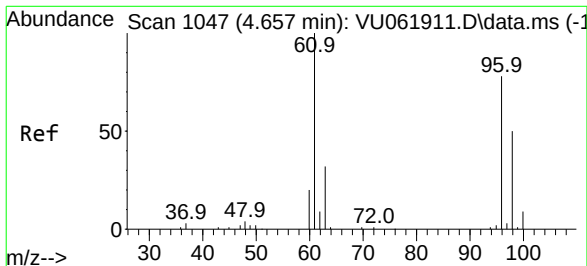
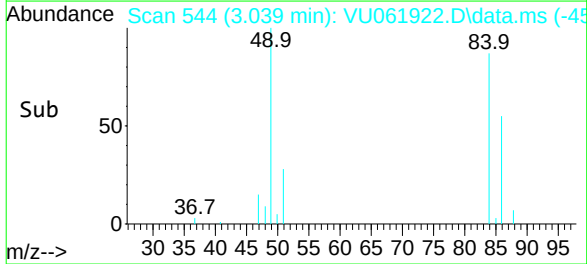
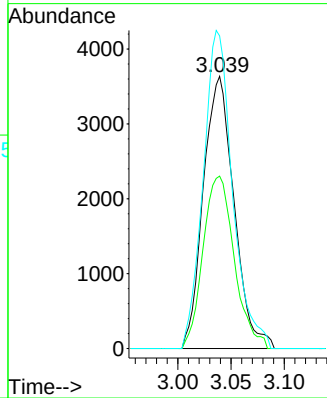
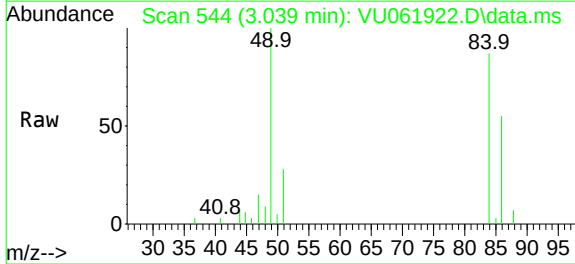




#16
Methylene chloride
Concen: 0.639 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU061922.D
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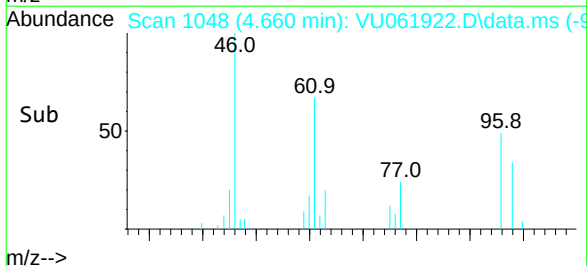
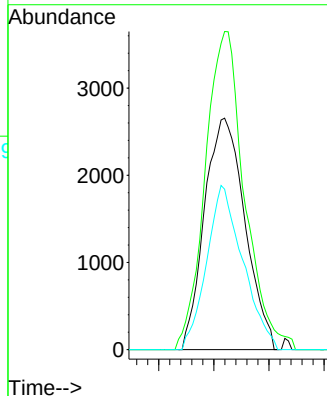
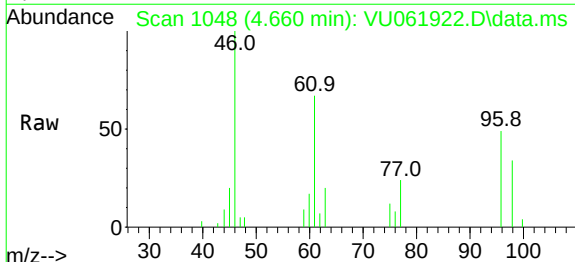
Instrument :
MSVOA_U
ClientSampleId :
BG3Z8

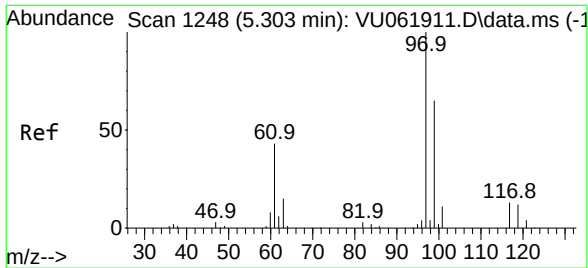
Tgt Ion: 84	Resp: 7294
Ion Ratio	Lower Upper
84 100	
86 63.3	43.5 80.7
49 114.8	81.9 152.1



#22
cis-1,2-Dichloroethene
Concen: 0.598 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061922.D
Acq: 21 Nov 2024 17:02

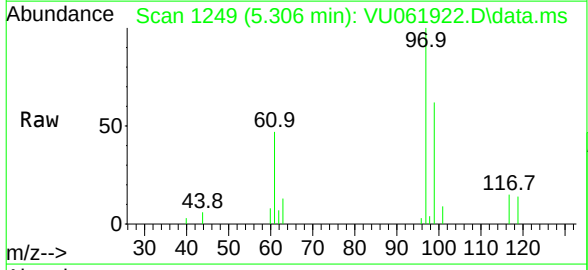
Tgt Ion: 96	Resp: 6766
Ion Ratio	Lower Upper
96 100	
61 137.4	92.0 170.8
98 69.3	44.5 82.7



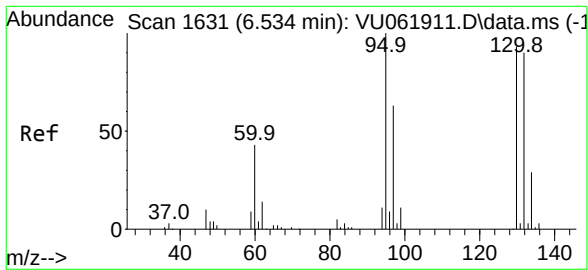
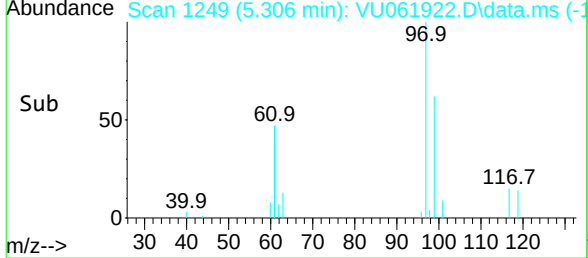
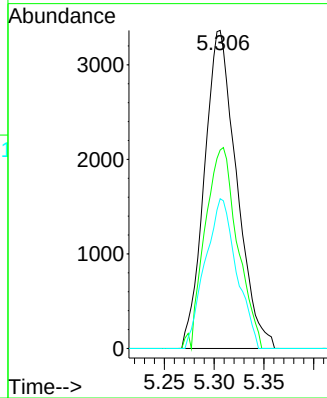


#29
 1,1,1-Trichloroethane
 Concen: 0.486 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.003 min
 Lab File: VU061922.D
 Acq: 21 Nov 2024 17:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Z8

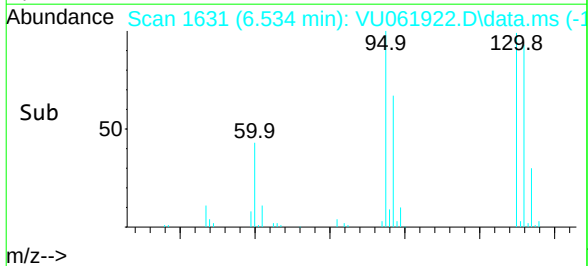
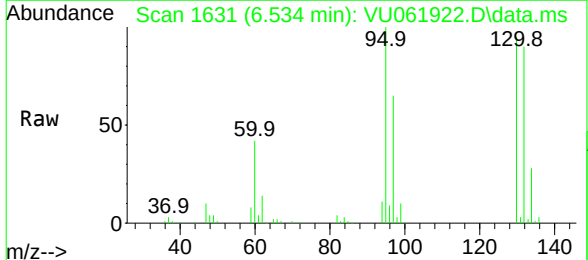
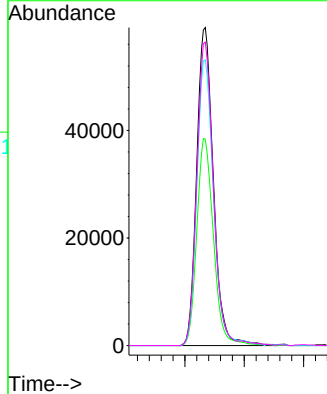


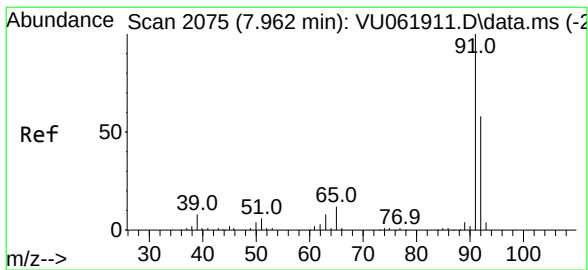
Tgt Ion:	97	Resp:	7578
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.2
61	45.7	37.8	56.6



#34
 Trichloroethene
 Concen: 10.655 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061922.D
 Acq: 21 Nov 2024 17:02

Tgt Ion:	95	Resp:	116121
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.9	85.3
132	89.8	63.8	118.4
130	95.4	65.5	121.7





#42

Toluene

Concen: 0.141 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU061922.D

Acq: 21 Nov 2024 17:02

Instrument :

MSVOA_U

ClientSampleId :

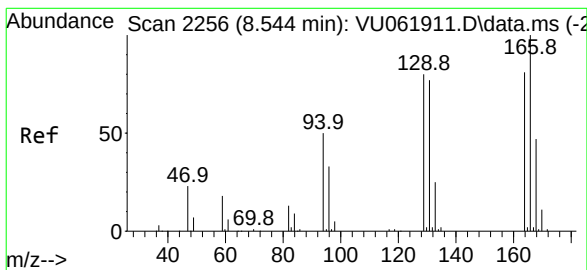
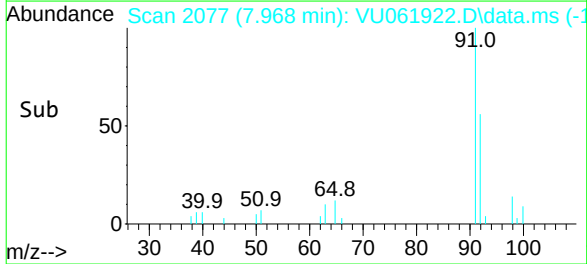
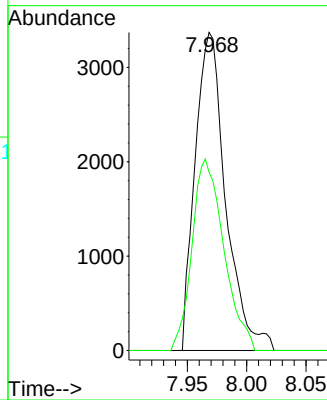
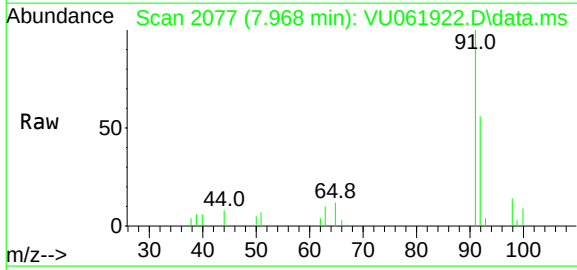
BG3Z8

Tgt Ion: 91 Resp: 6042

Ion Ratio Lower Upper

91 100

92 56.0 39.0 72.4



#47

Tetrachloroethene

Concen: 50.096 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061922.D

Acq: 21 Nov 2024 17:02

Tgt Ion: 164 Resp: 397085

Ion Ratio Lower Upper

164 100

129 102.8 73.2 136.0

131 99.5 72.3 134.3

166 128.2 90.2 167.4

