

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061921.D
 Acq On : 21 Nov 2024 16:37
 Operator : MD/SY
 Sample : P4903-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Z7

Quant Time: Nov 21 23:10:00 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)

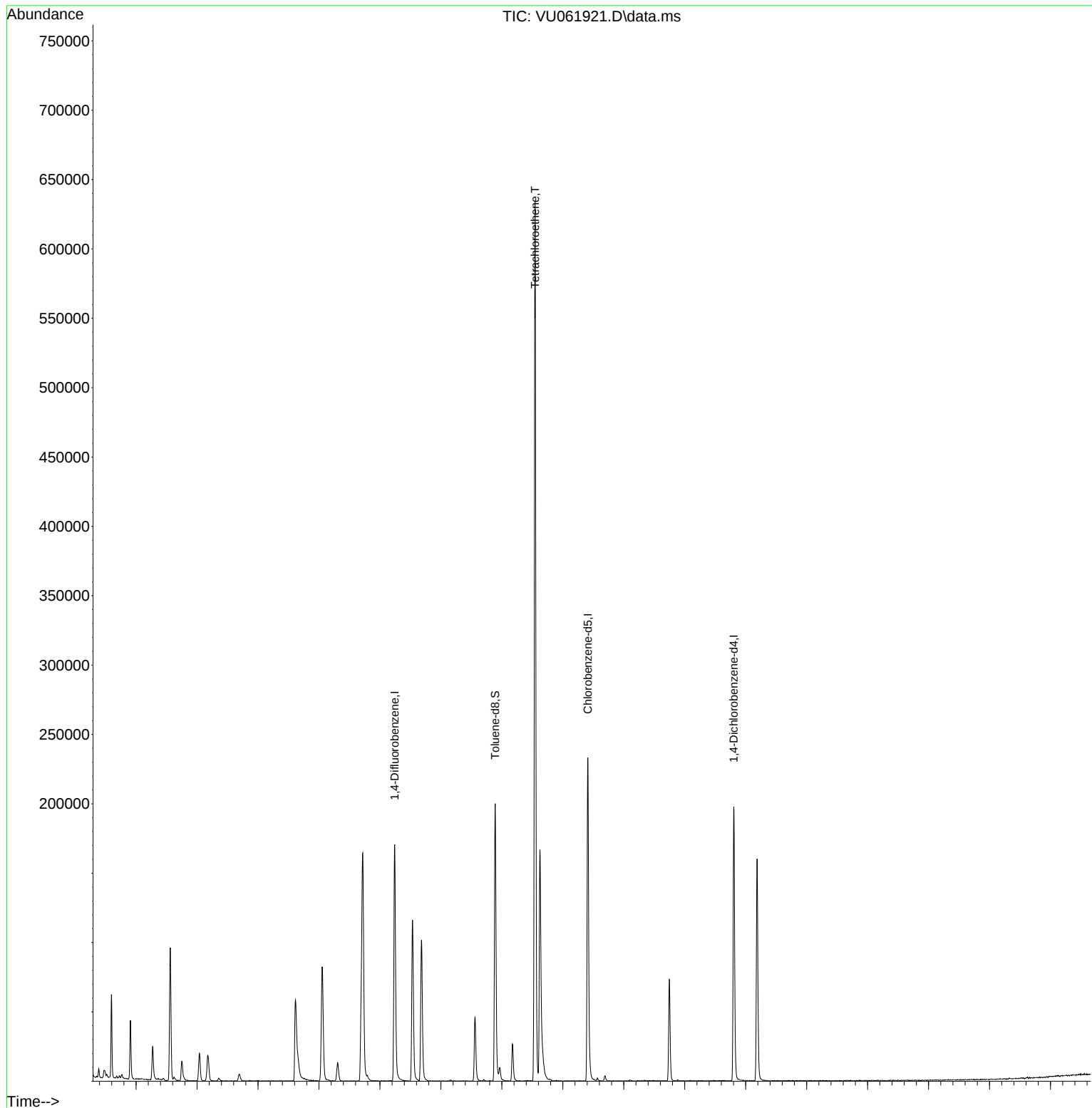
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144753	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	135149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56588	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41095	5.788	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.800%
7) Chloroethane-d5	1.907	69	31386	4.997	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.560	65	18851	6.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	133.000%#
20) 2-Butanone-d5	4.612	46	85960	38.553	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.100%
24) Chloroform-d	5.052	84	81478	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.692	65	41485	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.718	84	160360	6.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.800%
36) 1,2-Dichloropropane-d6	6.682	67	52332	5.849	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.000%
41) Toluene-d8	7.891	98	141478	6.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.800%
43) trans-1,3-Dichloroprop...	8.174	79	17333	5.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.624	63	59369	39.269	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.540%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39314	4.397	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	45740	5.466	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
16) Methylene chloride	3.039	84	10066	0.864	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	3622	0.314	ug/L	86
29) 1,1,1-Trichloroethane	5.306	97	10001	0.642	ug/L	97
34) Trichloroethene	6.534	95	43310	3.976	ug/L	99
42) Toluene	7.968	91	7349	0.172	ug/L	99
47) Tetrachloroethene	8.544	164	139820	17.648	ug/L	95

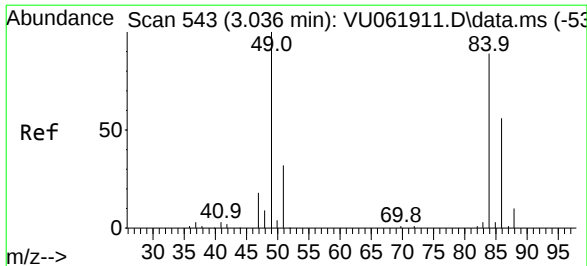
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 21 23:10:00 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





#16

Methylene chloride

Concen: 0.864 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

Lab File: VU061921.D

Acq: 21 Nov 2024 16:37

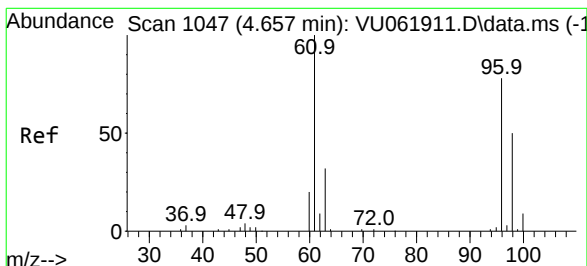
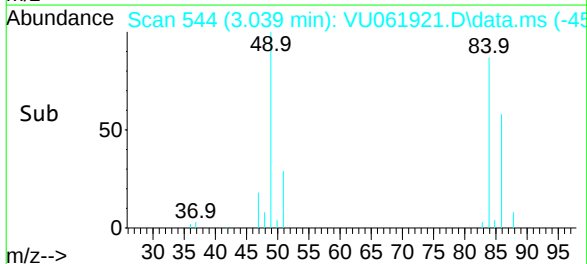
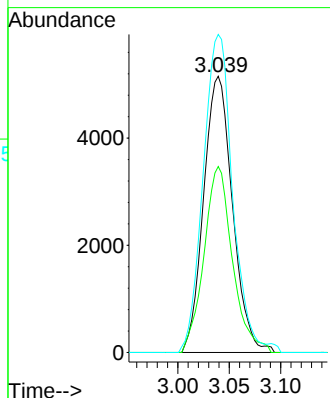
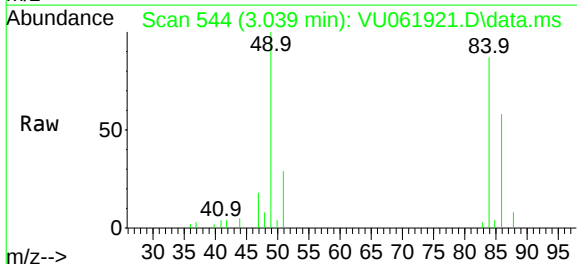
Instrument :

MSVOA_U

ClientSampleId :

BG3Z7

Tgt Ion: 84	Resp: 10066
Ion Ratio	Lower Upper
84 100	
86 67.3	43.5 80.7
49 115.1	81.9 152.1



#22

cis-1,2-Dichloroethene

Concen: 0.314 ug/L

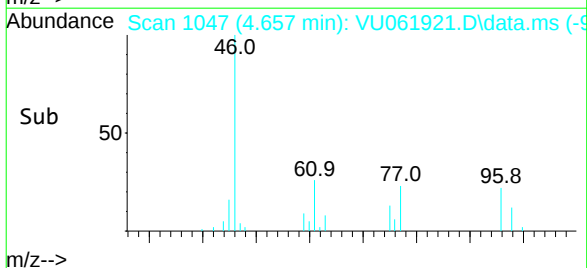
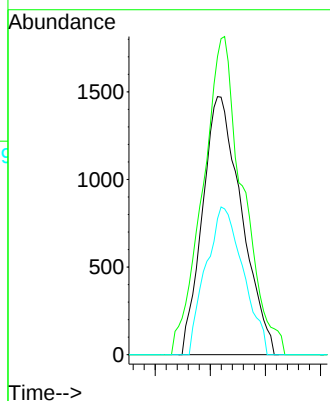
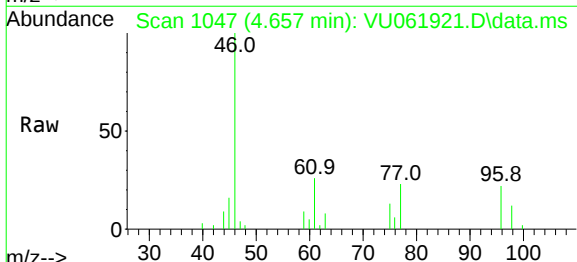
RT: 4.657 min Scan# 1047

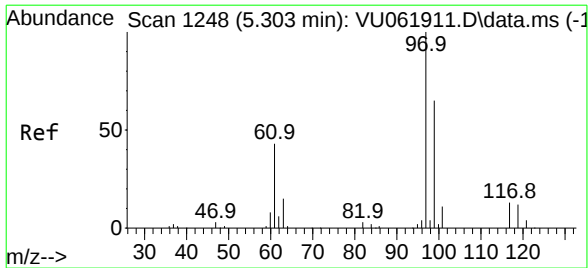
Delta R.T. 0.000 min

Lab File: VU061921.D

Acq: 21 Nov 2024 16:37

Tgt Ion: 96	Resp: 3622
Ion Ratio	Lower Upper
96 100	
61 115.5	92.0 170.8
98 52.7	44.5 82.7

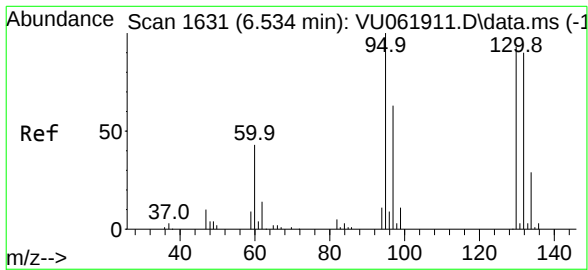
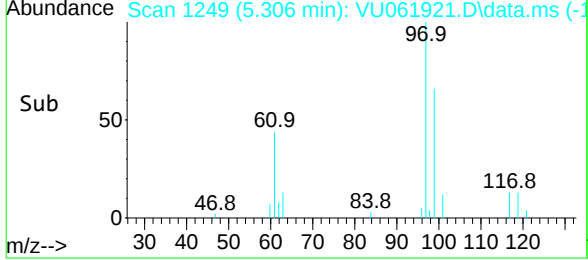
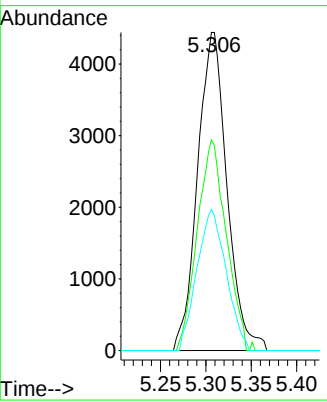
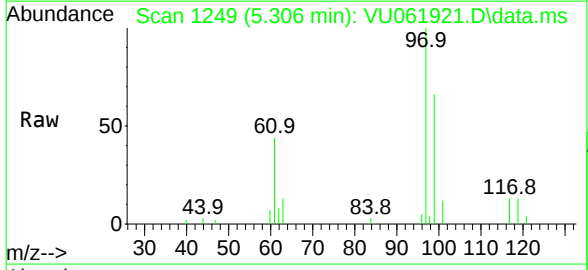




#29
 1,1,1-Trichloroethane
 Concen: 0.642 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.003 min
 Lab File: VU061921.D
 Acq: 21 Nov 2024 16:37

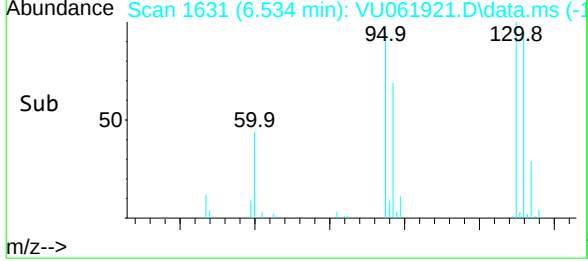
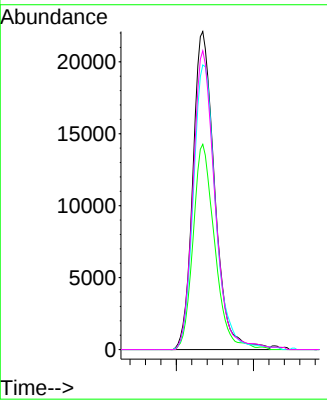
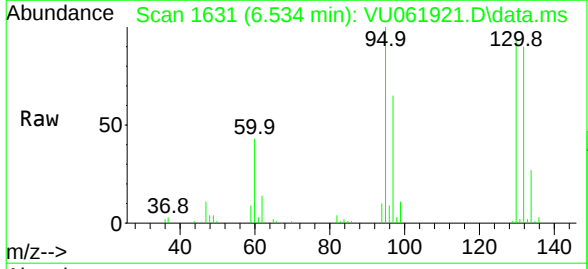
Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Z7

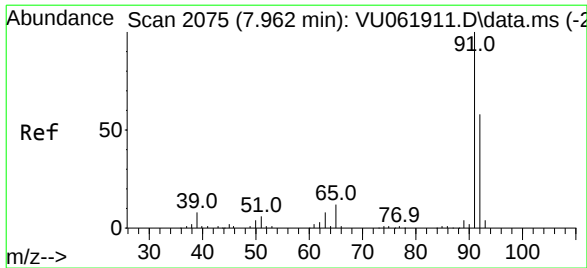
Tgt Ion:	97	Resp:	10001
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.2
61	44.1	37.8	56.6



#34
 Trichloroethene
 Concen: 3.976 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061921.D
 Acq: 21 Nov 2024 16:37

Tgt Ion:	95	Resp:	43310
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.9	85.3
132	89.5	63.8	118.4
130	94.0	65.5	121.7





#42

Toluene

Concen: 0.172 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU061921.D

Acq: 21 Nov 2024 16:37

Instrument :

MSVOA_U

ClientSampleId :

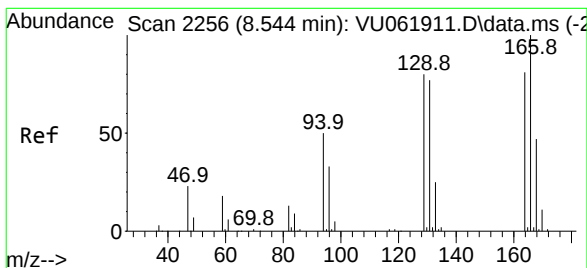
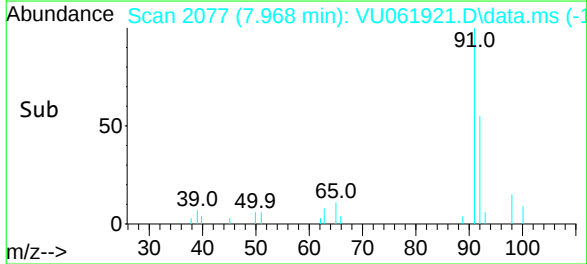
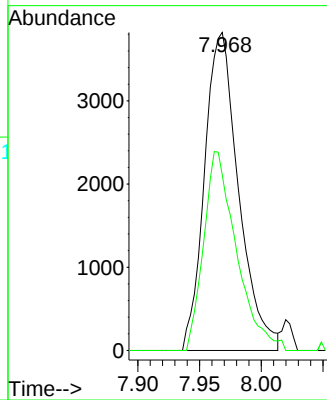
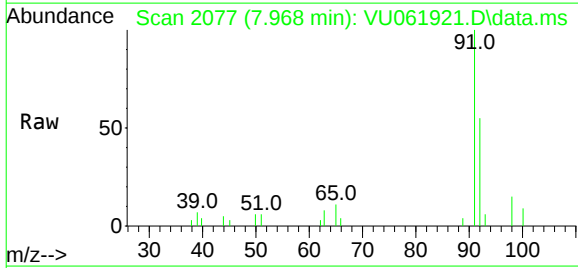
BG3Z7

Tgt Ion: 91 Resp: 7349

Ion Ratio Lower Upper

91 100

92 55.2 39.0 72.4



#47

Tetrachloroethene

Concen: 17.648 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061921.D

Acq: 21 Nov 2024 16:37

Tgt Ion: 164 Resp: 139820

Ion Ratio Lower Upper

164 100

129 99.6 73.2 136.0

131 96.2 72.3 134.3

166 125.7 90.2 167.4

