

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061989.D
 Acq On : 22 Nov 2024 23:00
 Operator : MD/SY
 Sample : P4903-12
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG410

Quant Time: Nov 23 00:16:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 00:14:12 2024
 Response via : Initial Calibration

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

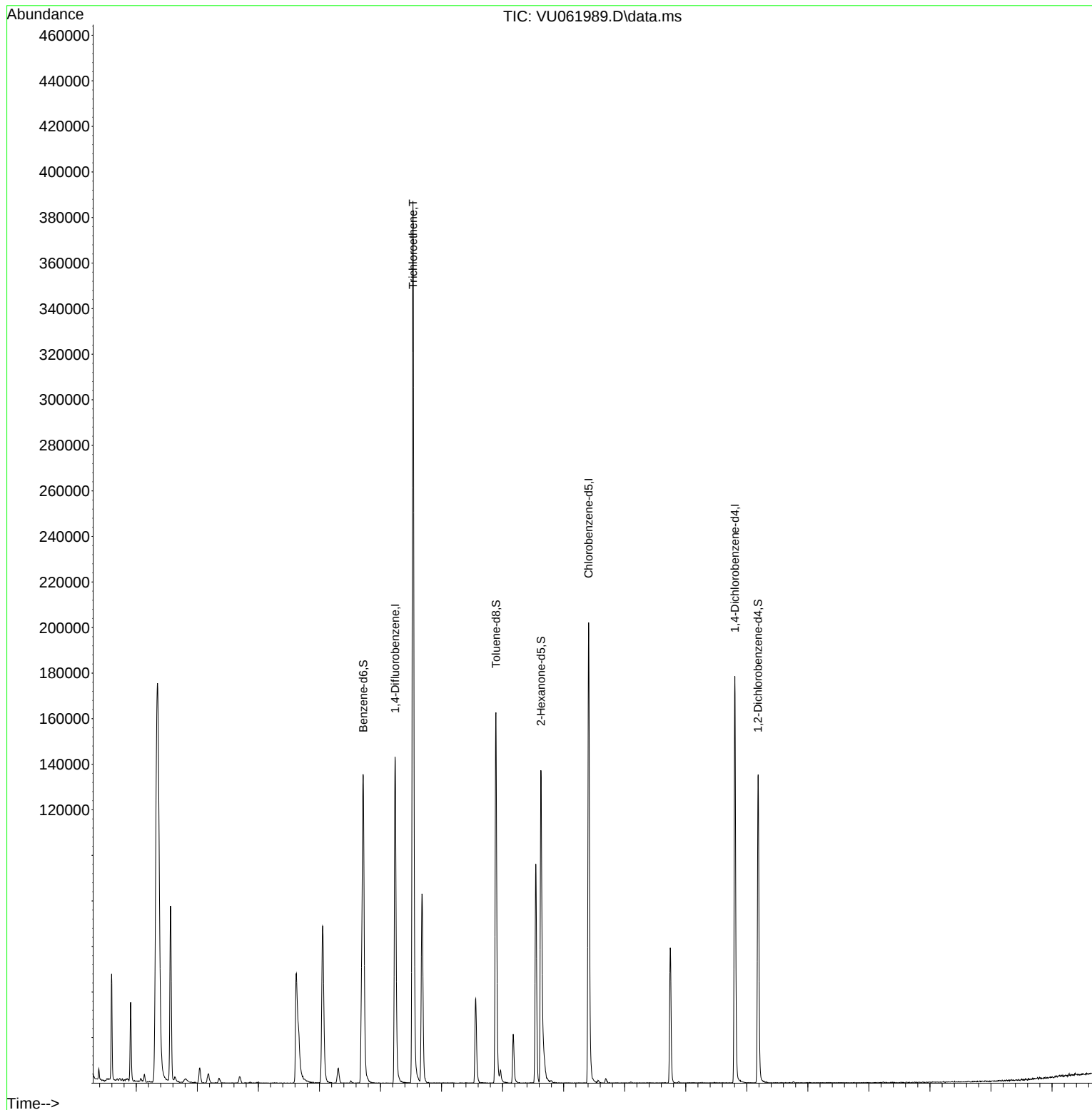
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	122392	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	117898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32483	5.411	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.200%
7) Chloroethane-d5	1.908	69	25568	4.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.560	65	14680	6.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	122.400%
20) 2-Butanone-d5	4.618	46	68000	36.070	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.140%
24) Chloroform-d	5.052	84	68803	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.692	65	35460	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.718	84	132881	5.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.600%
36) 1,2-Dichloropropane-d6	6.682	67	41236	5.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.891	98	116355	6.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.400%
43) trans-1,3-Dichloroprop...	8.174	79	14348	4.965	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.627	63	47483	36.002	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30825	3.952	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	39216	5.126	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
9) Trichlorofluoromethane	2.133	101	2009	0.140	ug/L	87
16) Methylene chloride	3.039	84	3769	0.382	ug/L	89
22) cis-1,2-Dichloroethene	4.657	96	6355	0.651	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	5378	0.396	ug/L #	83
34) Trichloroethene	6.531	95	140051	14.738	ug/L	97
47) Tetrachloroethene	8.544	164	21895	3.168	ug/L	94

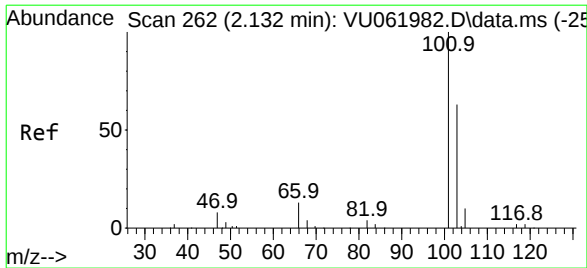
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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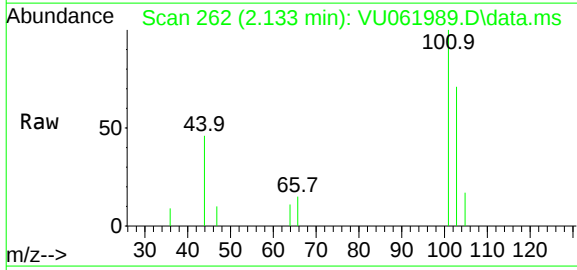
Quant Time: Nov 23 00:16:49 2024
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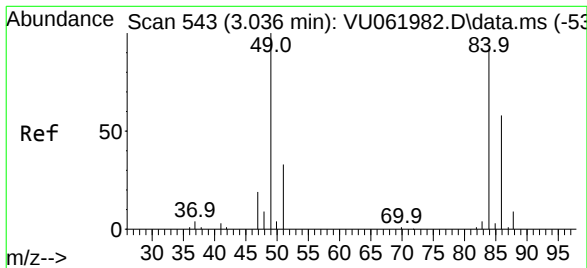
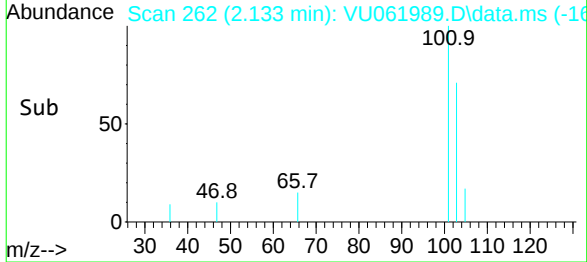
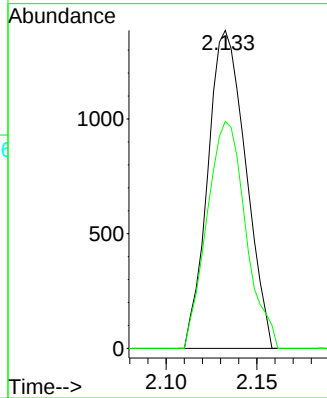


#9
Trichlorofluoromethane
Concen: 0.140 ug/L
RT: 2.133 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU061989.D
Acq: 22 Nov 2024 23:00

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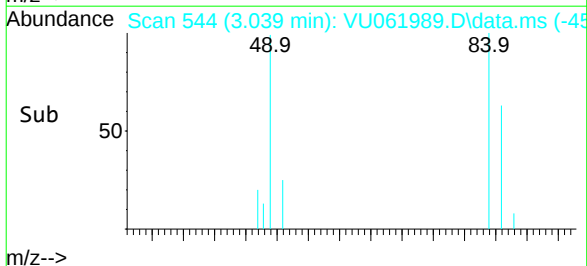
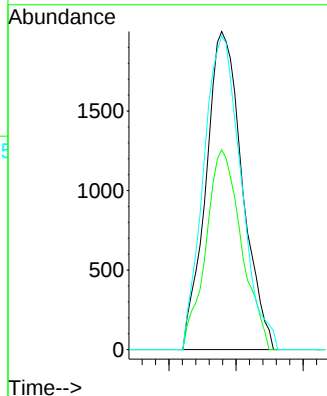
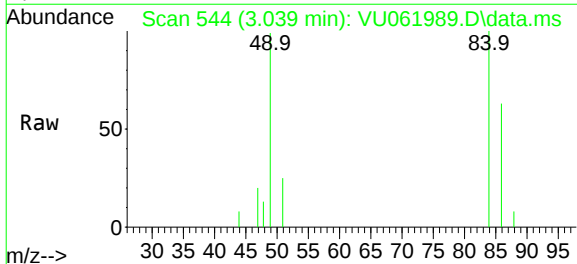


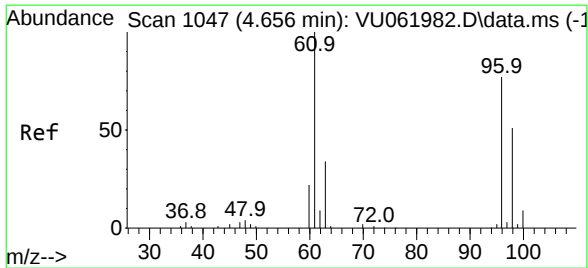
Tgt Ion:101 Resp: 2009
Ion Ratio Lower Upper
101 100
103 73.2 50.6 75.8



#16
Methylene chloride
Concen: 0.382 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061989.D
Acq: 22 Nov 2024 23:00

Tgt Ion: 84 Resp: 3769
Ion Ratio Lower Upper
84 100
86 62.8 43.5 80.7
49 98.6 81.9 152.1

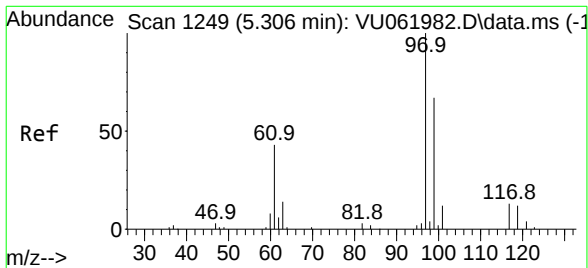
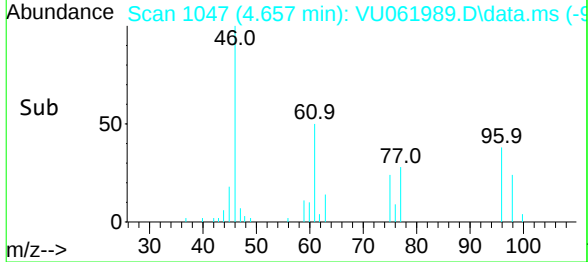
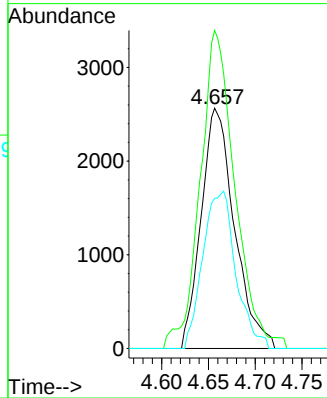
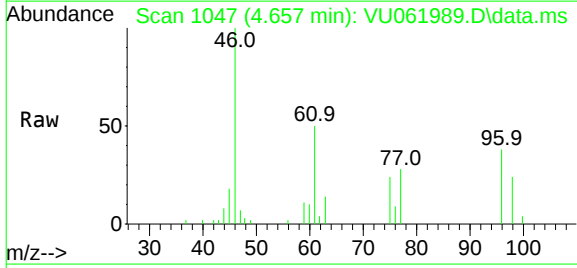




#22
 cis-1,2-Dichloroethene
 Concen: 0.651 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061989.D
 Acq: 22 Nov 2024 23:00

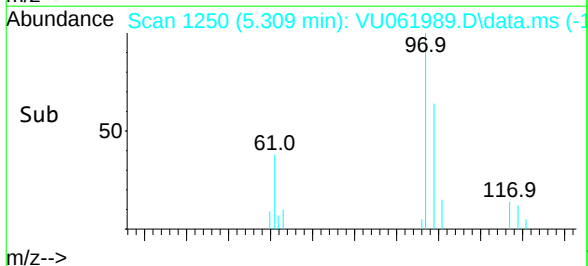
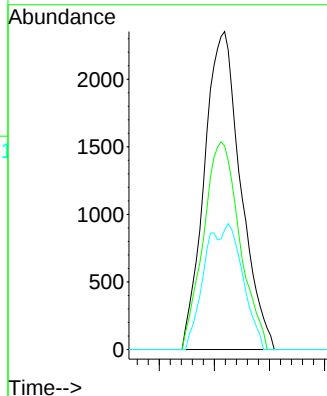
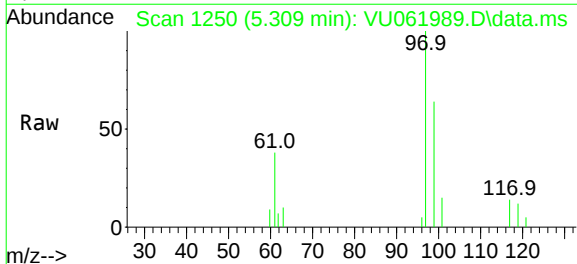
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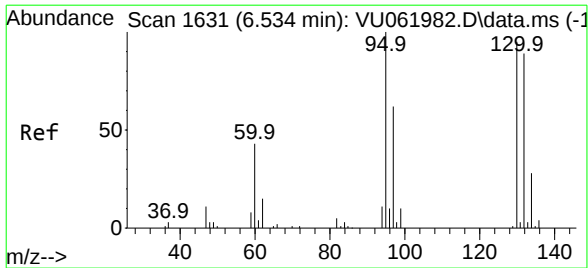
Tgt Ion: 96	Resp: 6355
Ion Ratio	Lower Upper
96 100	
61 132.4	92.0 170.8
98 62.5	44.5 82.7



#29
 1,1,1-Trichloroethane
 Concen: 0.396 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.003 min
 Lab File: VU061989.D
 Acq: 22 Nov 2024 23:00

Tgt Ion: 97	Resp: 5378
Ion Ratio	Lower Upper
97 100	
99 65.2	51.4 77.2
61 21.5	37.8 56.6

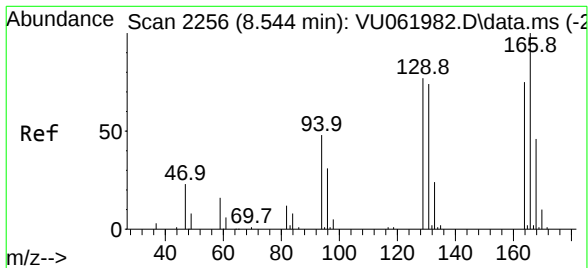
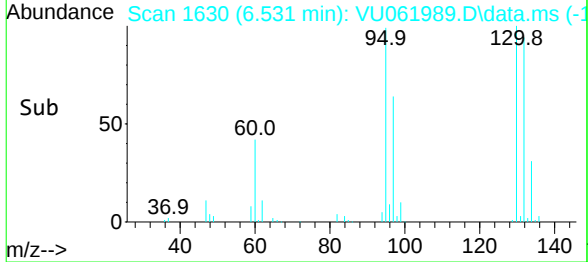
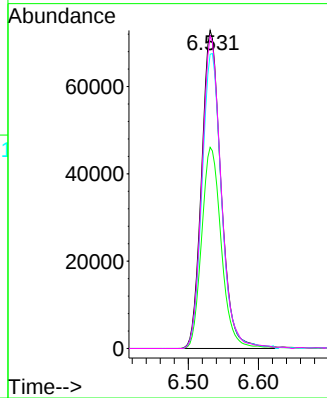
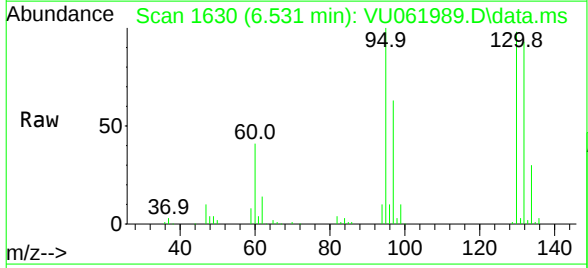




#34
Trichloroethene
Concen: 14.738 ug/L
RT: 6.531 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU061989.D
Acq: 22 Nov 2024 23:00

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	95	Resp:	140051
Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.9	85.3
132	92.5	63.8	118.4
130	98.2	65.5	121.7



#47
Tetrachloroethene
Concen: 3.168 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061989.D
Acq: 22 Nov 2024 23:00

Tgt Ion:	164	Resp:	21895
Ion	Ratio	Lower	Upper
164	100		
129	93.7	73.2	136.0
131	99.5	72.3	134.3
166	124.6	90.2	167.4

