

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061990.D
 Acq On : 22 Nov 2024 23:24
 Operator : MD/SY
 Sample : P4903-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG409

Quant Time: Nov 23 00:17:08 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)

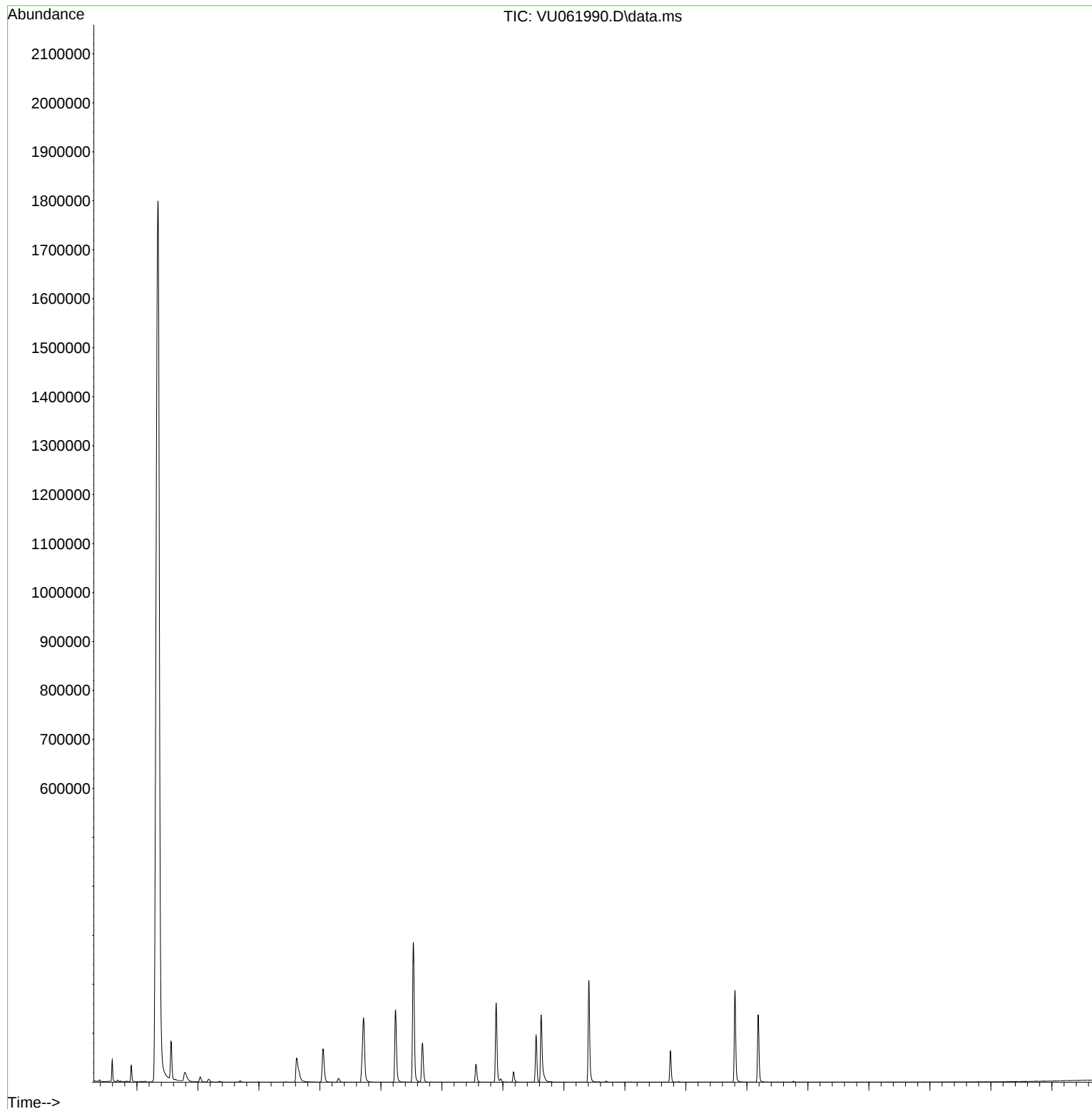
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	127450	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	119300	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	53323	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30375	4.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.907	69	24399	4.412	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.563	65	14617	5.852	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.000%
20) 2-Butanone-d5	4.618	46	70104	35.710	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.420%
24) Chloroform-d	5.052	84	66983	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.692	65	35532	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.718	84	128469	5.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
36) 1,2-Dichloropropane-d6	6.682	67	40485	5.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.891	98	113808	5.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.400%
43) trans-1,3-Dichloroprop...	8.174	79	13383	4.577	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.624	63	47980	35.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.900%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	31308	3.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	40105	5.086	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
16) Methylene chloride	3.039	84	5398	0.526	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	4859	0.478	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	6504	0.473	ug/L	93
34) Trichloroethene	6.531	95	106141	11.038	ug/L	98
47) Tetrachloroethene	8.544	164	22102	3.160	ug/L	97

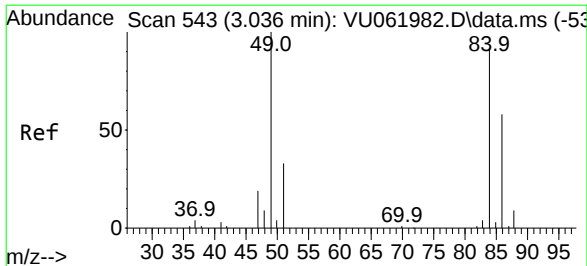
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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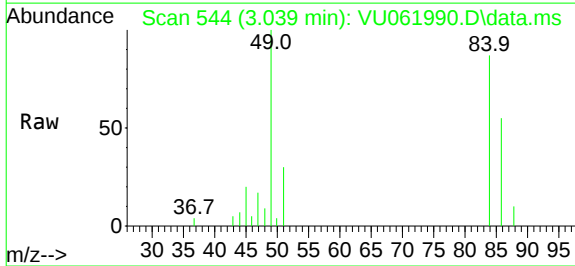
Quant Time: Nov 23 00:17:08 2024
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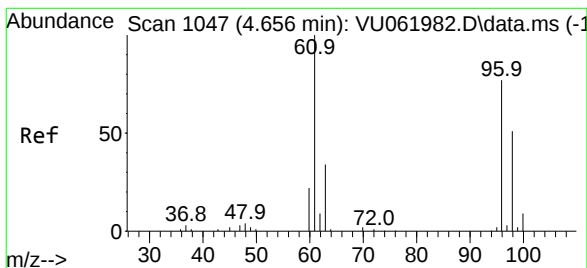
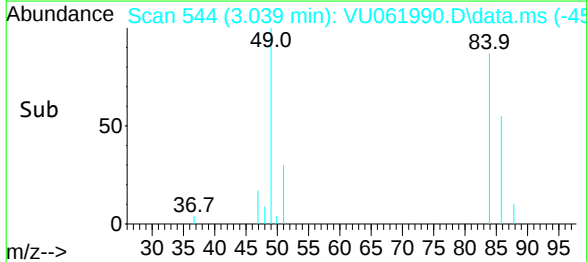
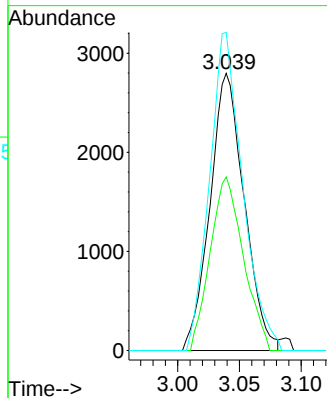


#16
Methylene chloride
Concen: 0.526 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU061990.D
Acq: 22 Nov 2024 23:24

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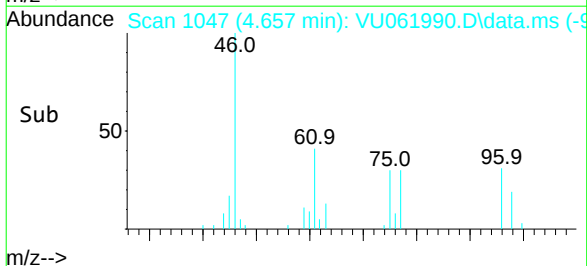
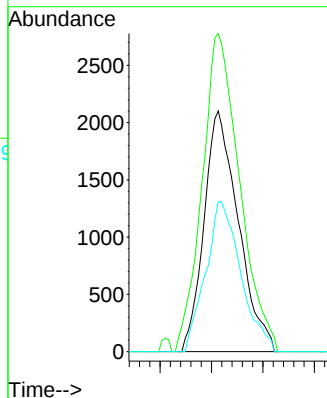
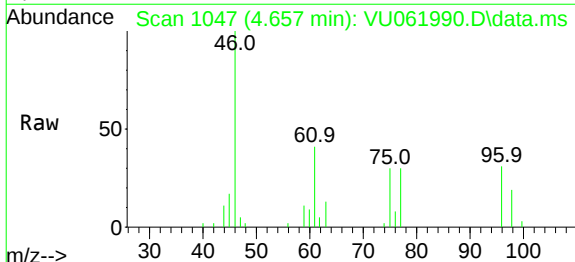


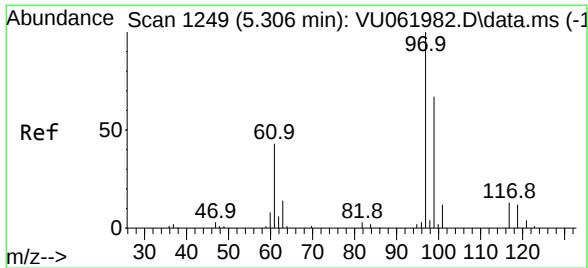
Tgt Ion: 84 Resp: 5398
Ion Ratio Lower Upper
84 100
86 62.6 43.5 80.7
49 114.8 81.9 152.1



#22
cis-1,2-Dichloroethene
Concen: 0.478 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061990.D
Acq: 22 Nov 2024 23:24

Tgt Ion: 96 Resp: 4859
Ion Ratio Lower Upper
96 100
61 132.2 92.0 170.8
98 62.2 44.5 82.7

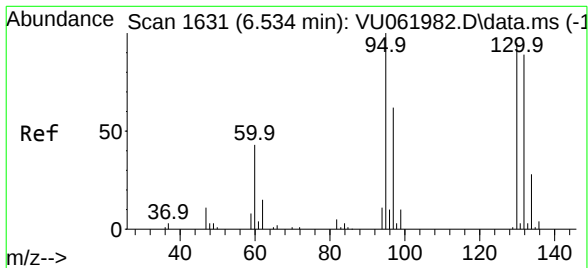
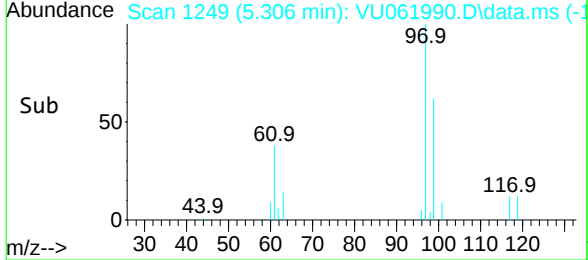
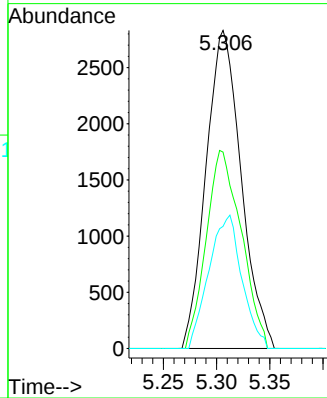
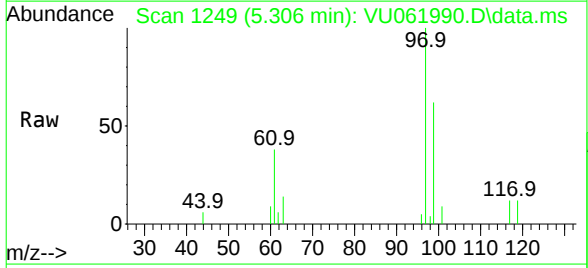




#29
1,1,1-Trichloroethane
Concen: 0.473 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061990.D
Acq: 22 Nov 2024 23:24

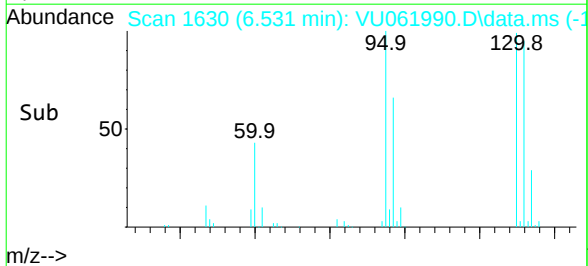
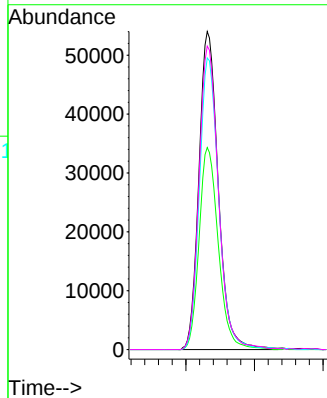
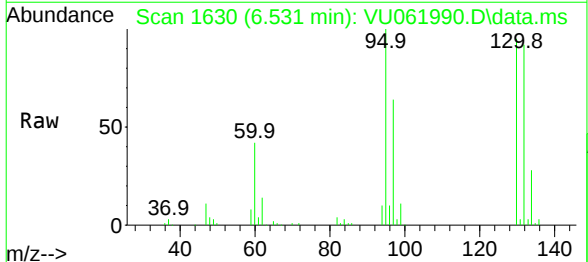
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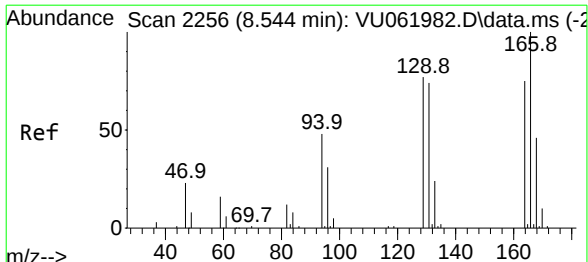
Tgt Ion:	97	Resp:	6504
Ion	Ratio	Lower	Upper
97	100		
99	62.0	51.4	77.2
61	39.4	37.8	56.6



#34
Trichloroethene
Concen: 11.038 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU061990.D
Acq: 22 Nov 2024 23:24

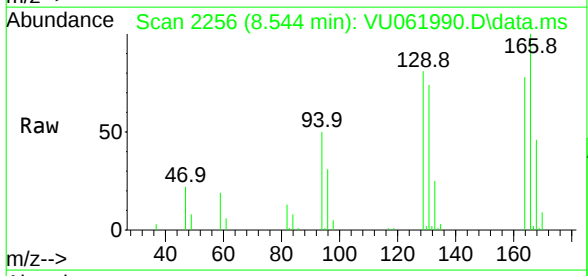
Tgt Ion:	95	Resp:	106141
Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.9	85.3
132	91.7	63.8	118.4
130	95.4	65.5	121.7





#47
 Tetrachloroethene
 Concen: 3.160 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: VU061990.D
 Acq: 22 Nov 2024 23:24

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Tgt Ion:	164	Resp:	22102
Ion	Ratio	Lower	Upper
164	100		
129	103.8	73.2	136.0
131	95.5	72.3	134.3
166	128.4	90.2	167.4

