

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061940.D
 Acq On : 22 Nov 2024 01:15
 Operator : MD/SY
 Sample : P4903-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG437

Quant Time: Nov 22 04:20:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 00:07:48 2024
 Response via : Initial Calibration

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

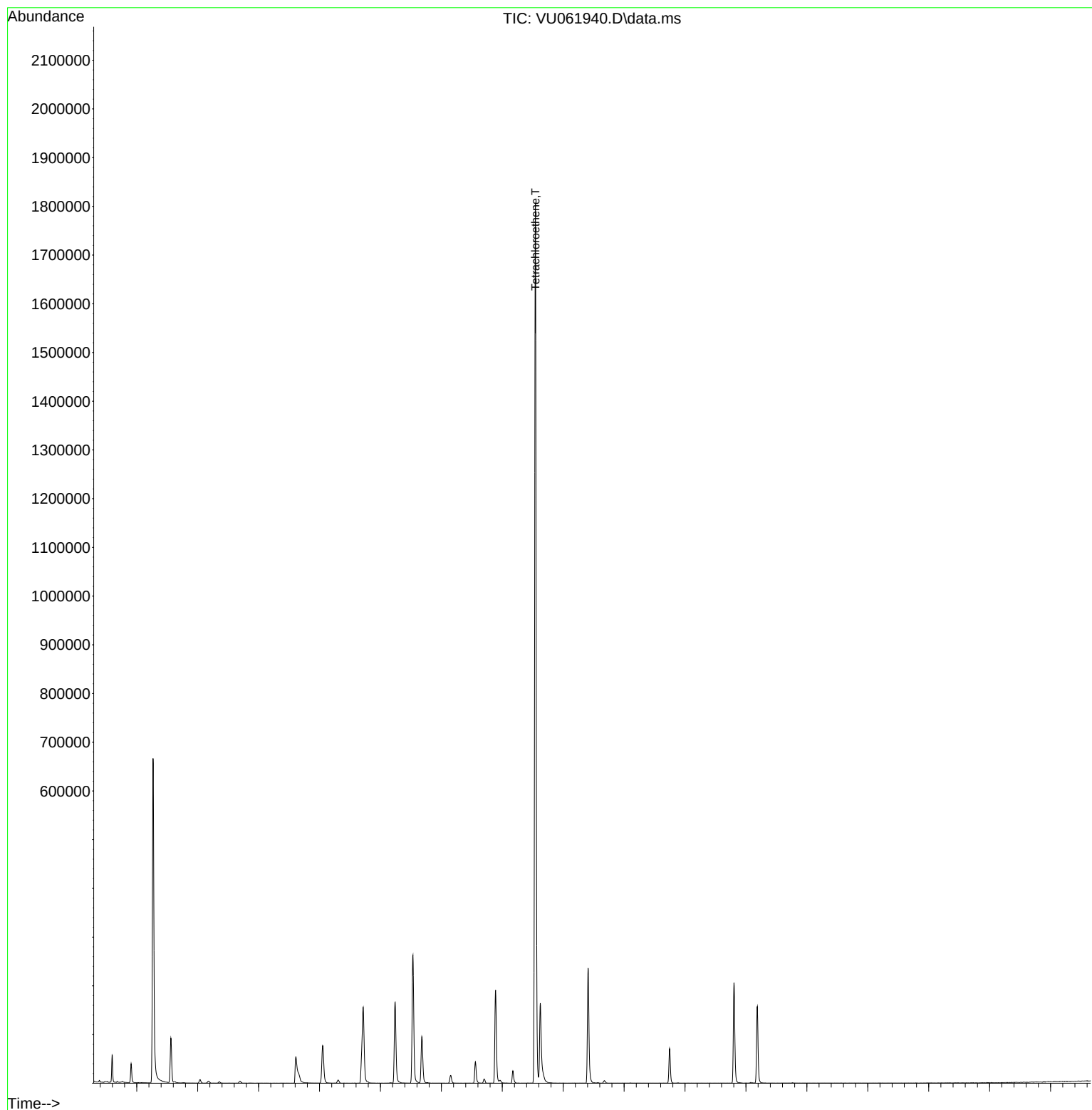
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141097	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	138359	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	59531	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38473	5.559	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.200%
7) Chloroethane-d5	1.907	69	29430	4.807	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.560	65	17063	6.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	123.400%
20) 2-Butanone-d5	4.612	46	81295	37.405	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.820%
24) Chloroform-d	5.052	84	77076	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.692	65	38917	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.718	84	152337	5.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.000%
36) 1,2-Dichloropropane-d6	6.679	67	48933	5.342	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.891	98	135137	6.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.200%
43) trans-1,3-Dichloroprop...	8.174	79	16293	4.805	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.624	63	59391	38.372	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	36305	3.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	44275	5.030	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
16) Methylene chloride	3.036	84	3936	0.346	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	6940	0.616	ug/L	94
29) 1,1,1-Trichloroethane	5.306	97	5119	0.321	ug/L	95
34) Trichloroethene	6.534	95	96905	8.690	ug/L	98
47) Tetrachloroethene	8.544	164	401607	49.515	ug/L	97

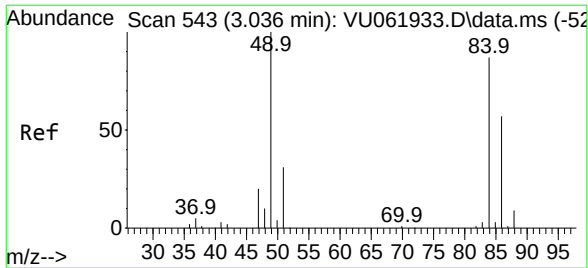
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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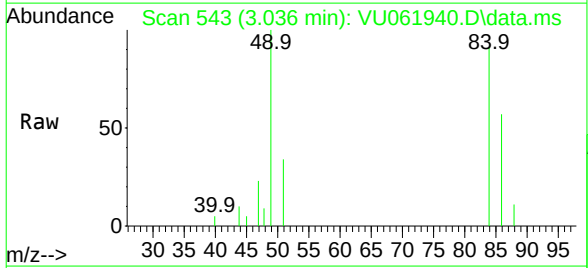
Quant Time: Nov 22 04:20:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
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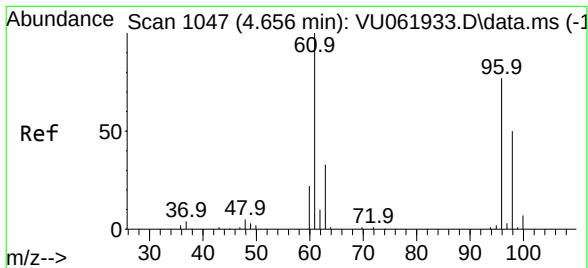
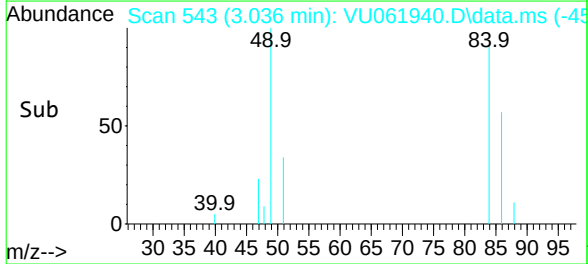
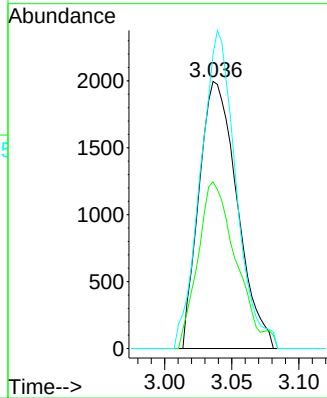


#16
Methylene chloride
Concen: 0.346 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061940.D
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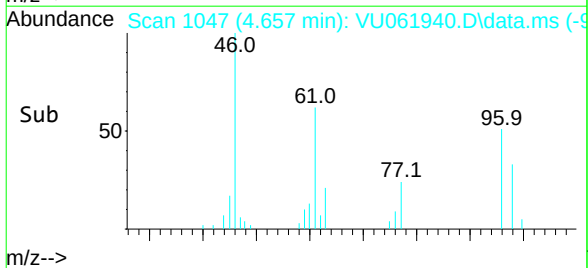
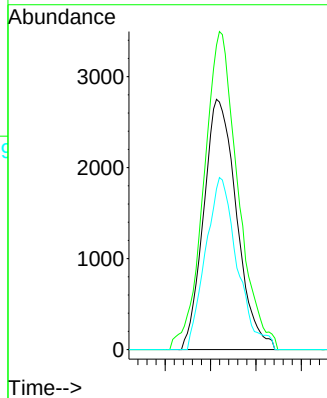
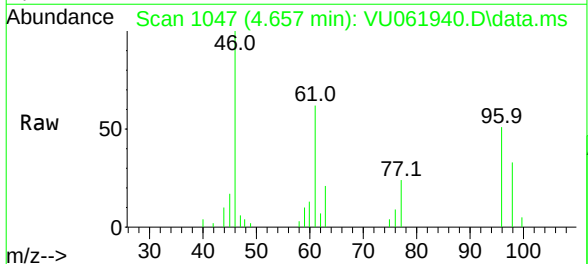


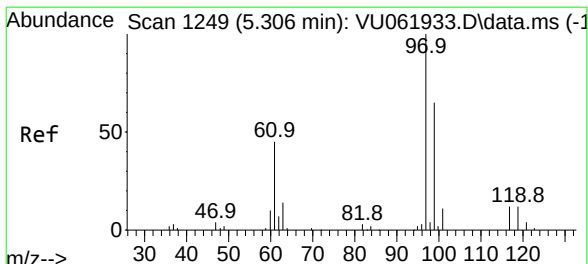
Tgt Ion: 84 Resp: 3936
Ion Ratio Lower Upper
84 100
86 62.4 43.5 80.7
49 110.2 81.9 152.1



#22
cis-1,2-Dichloroethene
Concen: 0.616 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061940.D
Acq: 22 Nov 2024 01:15

Tgt Ion: 96 Resp: 6940
Ion Ratio Lower Upper
96 100
61 121.6 92.0 170.8
98 64.2 44.5 82.7

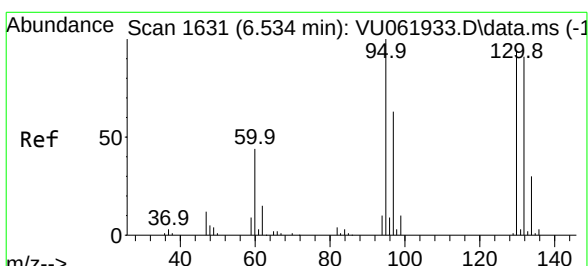
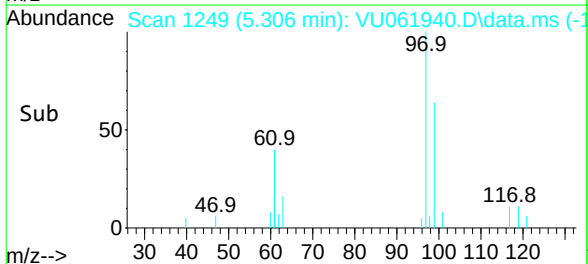
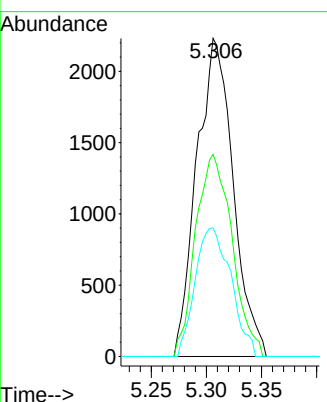
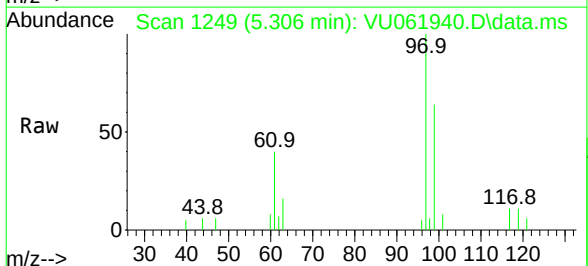




#29
 1,1,1-Trichloroethane
 Concen: 0.321 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.000 min
 Lab File: VU061940.D
 Acq: 22 Nov 2024 01:15

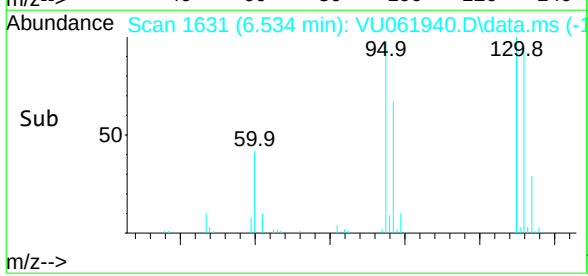
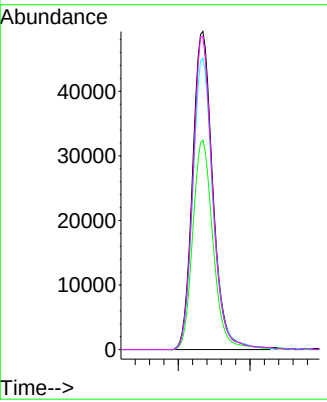
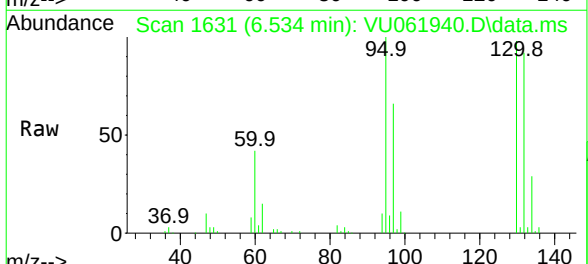
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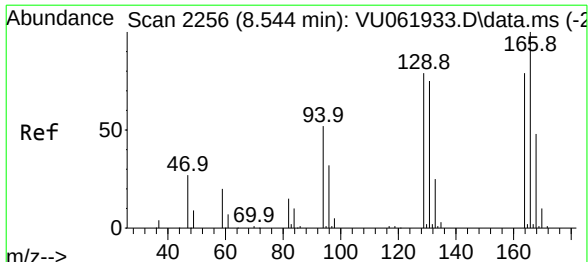
Tgt Ion:	97	Resp:	5119
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.2
61	39.7	37.8	56.6



#34
 Trichloroethene
 Concen: 8.690 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061940.D
 Acq: 22 Nov 2024 01:15

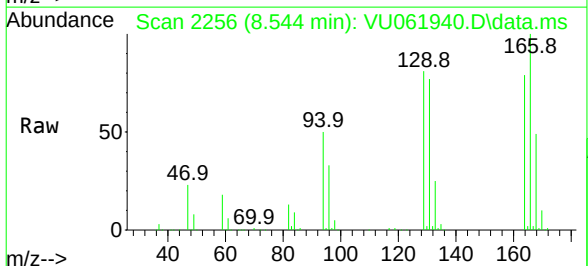
Tgt Ion:	95	Resp:	96905
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.9	85.3
132	91.6	63.8	118.4
130	98.5	65.5	121.7





#47
 Tetrachloroethene
 Concen: 49.515 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: VU061940.D
 Acq: 22 Nov 2024 01:15

Instrument :
 MSVOA_U
 ClientSampleId :
 BG437



Tgt Ion:164 Resp: 401607

Ion	Ratio	Lower	Upper
164	100		
129	102.1	73.2	136.0
131	97.3	72.3	134.3
166	126.8	90.2	167.4

