

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062550.D
 Acq On : 21 Dec 2024 03:20
 Operator : MD/SY
 Sample : P5344-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CE9

Quant Time: Dec 21 03:54:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 23:41:56 2024
 Response via : Initial Calibration

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

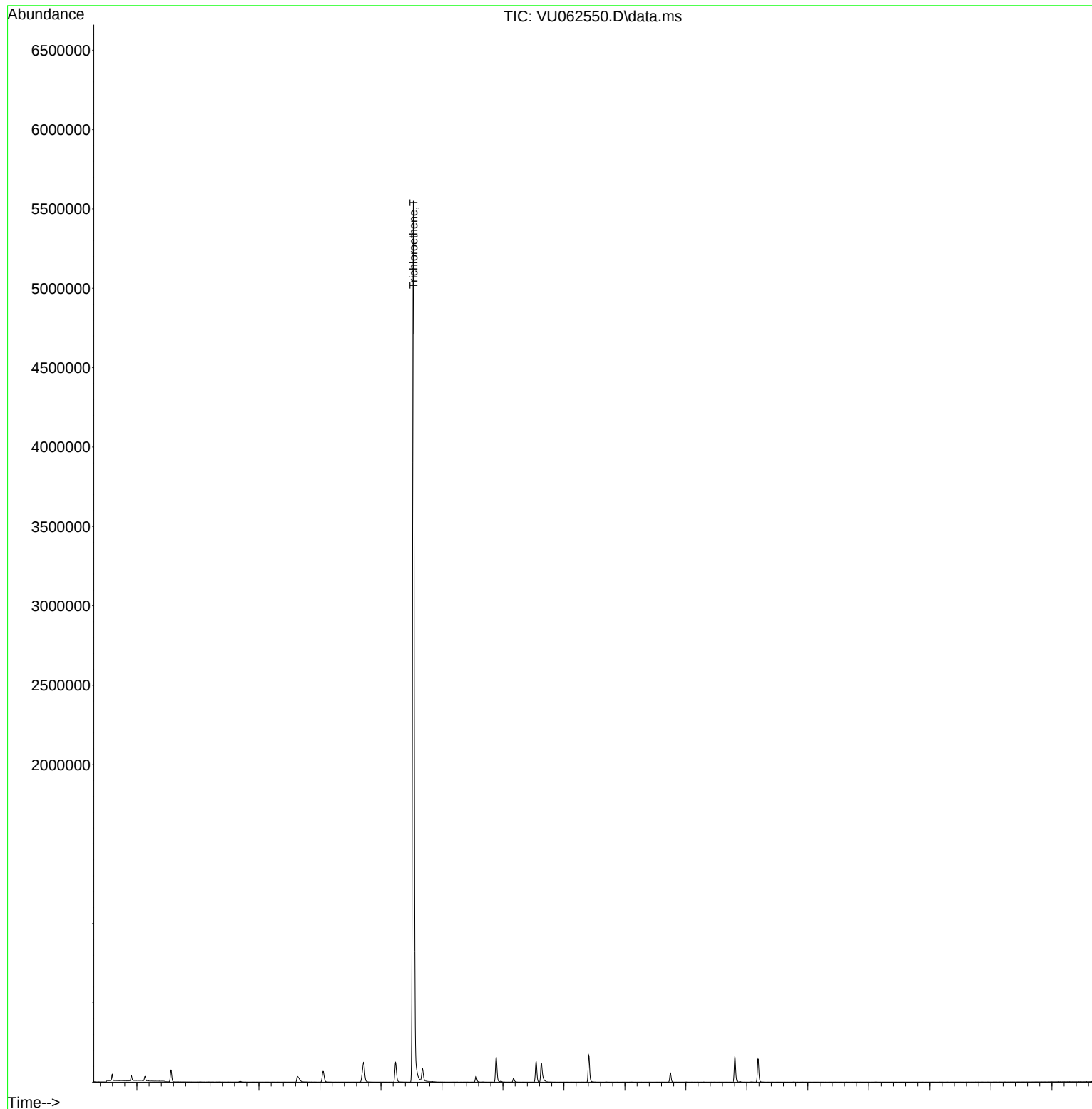
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	106008	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97378	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45225	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27679	3.871	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.910	69	22634	4.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.560	65	13856	4.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.631	46	55615	40.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.160%
24) Chloroform-d	5.052	84	68677	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.692	65	38002	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.717	84	118622	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.682	67	33247	4.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.888	98	112820	4.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.174	79	15341	4.343	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.627	63	43217	40.555	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27857	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	40066	4.808	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
9) Trichlorofluoromethane	2.132	101	19550	1.390	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	3183	0.386	ug/L	95
34) Trichloroethene	6.531	95	193983	226.947	ug/L	97
47) Tetrachloroethene	8.544	164	30414	4.608	ug/L	94

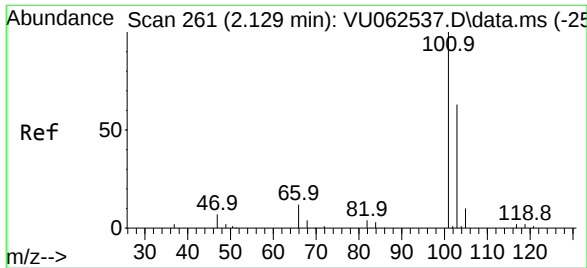
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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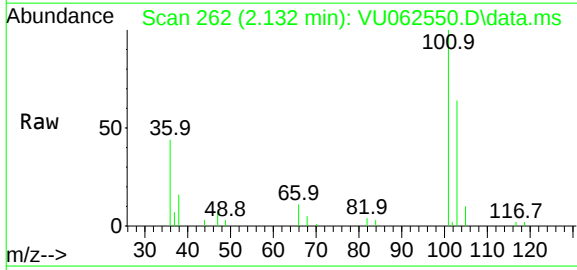
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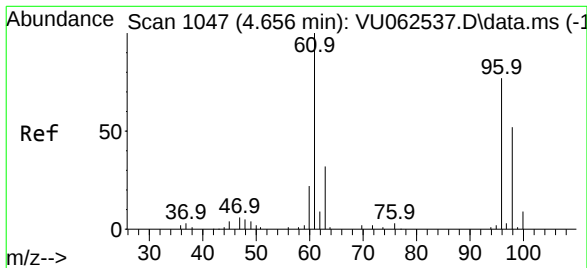
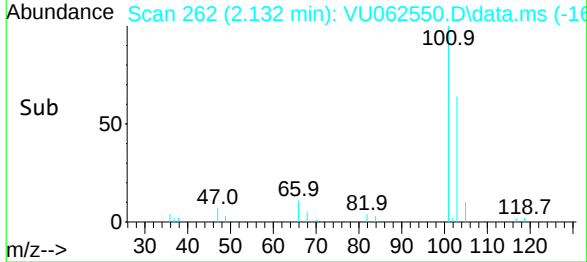
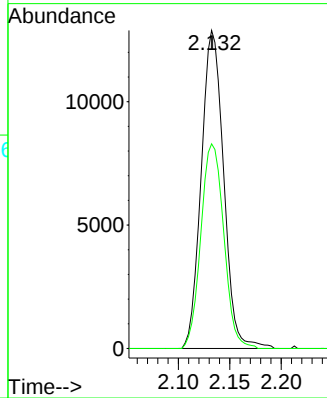


#9
 Trichlorofluoromethane
 Concen: 1.390 ug/L
 RT: 2.132 min Scan# 261
 Delta R.T. 0.003 min
 Lab File: VU062550.D
 Acq: 21 Dec 2024 03:20

Instrument :
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 ClientSampleId :
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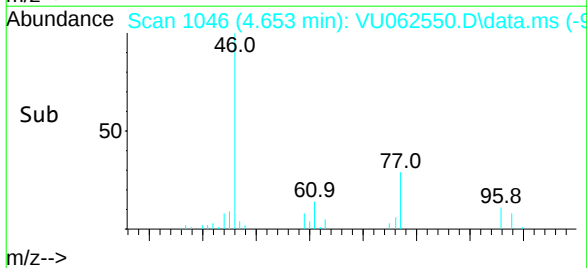
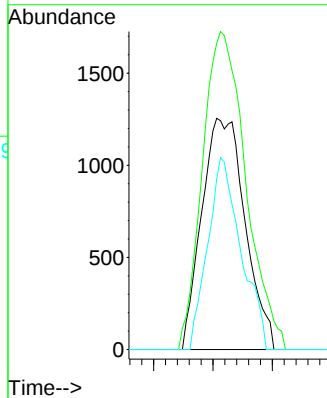
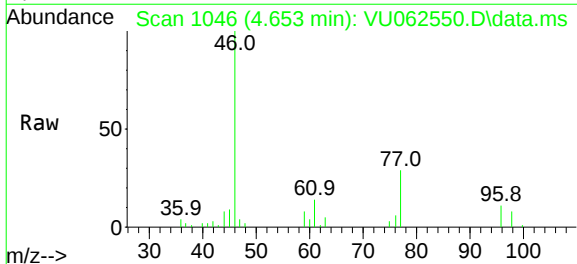


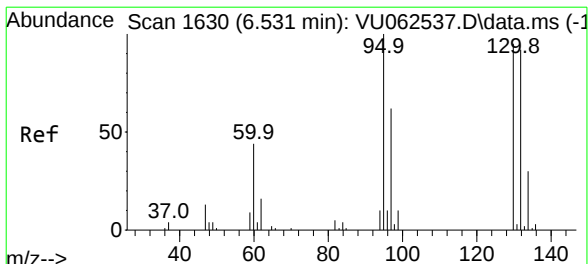
Tgt Ion: 101 Resp: 19550
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.6 75.8



#22
 cis-1,2-Dichloroethene
 Concen: 0.386 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU062550.D
 Acq: 21 Dec 2024 03:20

Tgt Ion: 96 Resp: 3183
 Ion Ratio Lower Upper
 96 100
 61 132.4 92.0 170.8
 98 73.9 44.5 82.7



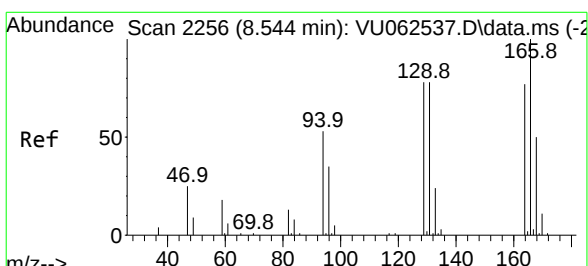
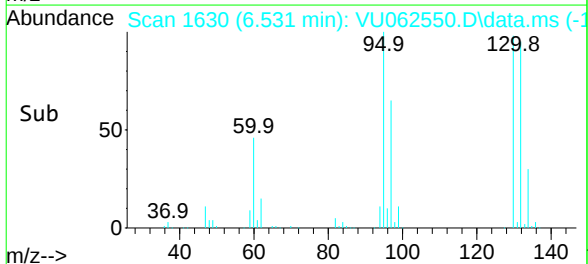
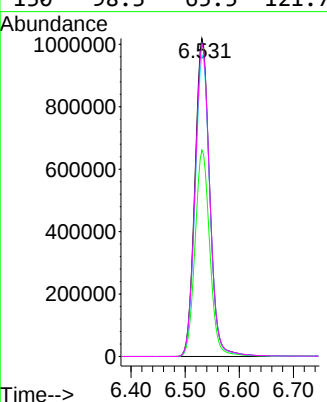
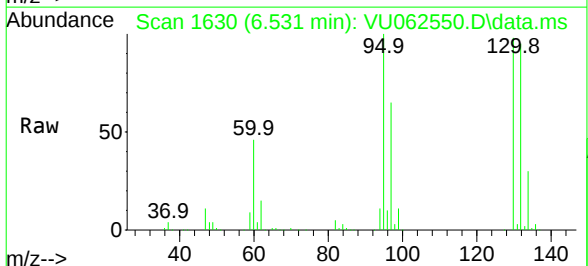


#34
 Trichloroethene
 Concen: 226.947 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: VU062550.D
 Acq: 21 Dec 2024 03:20

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Tgt Ion: 95 Resp: 1939983

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.9	85.3
132	94.7	63.8	118.4
130	98.3	65.5	121.7



#47
 Tetrachloroethene
 Concen: 4.608 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VU062550.D
 Acq: 21 Dec 2024 03:20

Tgt Ion: 164 Resp: 30414

Ion	Ratio	Lower	Upper
164	100		
129	95.9	73.2	136.0
131	92.5	72.3	134.3
166	130.5	90.2	167.4

