

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062451.D
 Acq On : 19 Dec 2024 04:35
 Operator : MD/SY
 Sample : P5308-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CC6

Quant Time: Dec 19 05:12:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 01:28:37 2024
 Response via : Initial Calibration

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

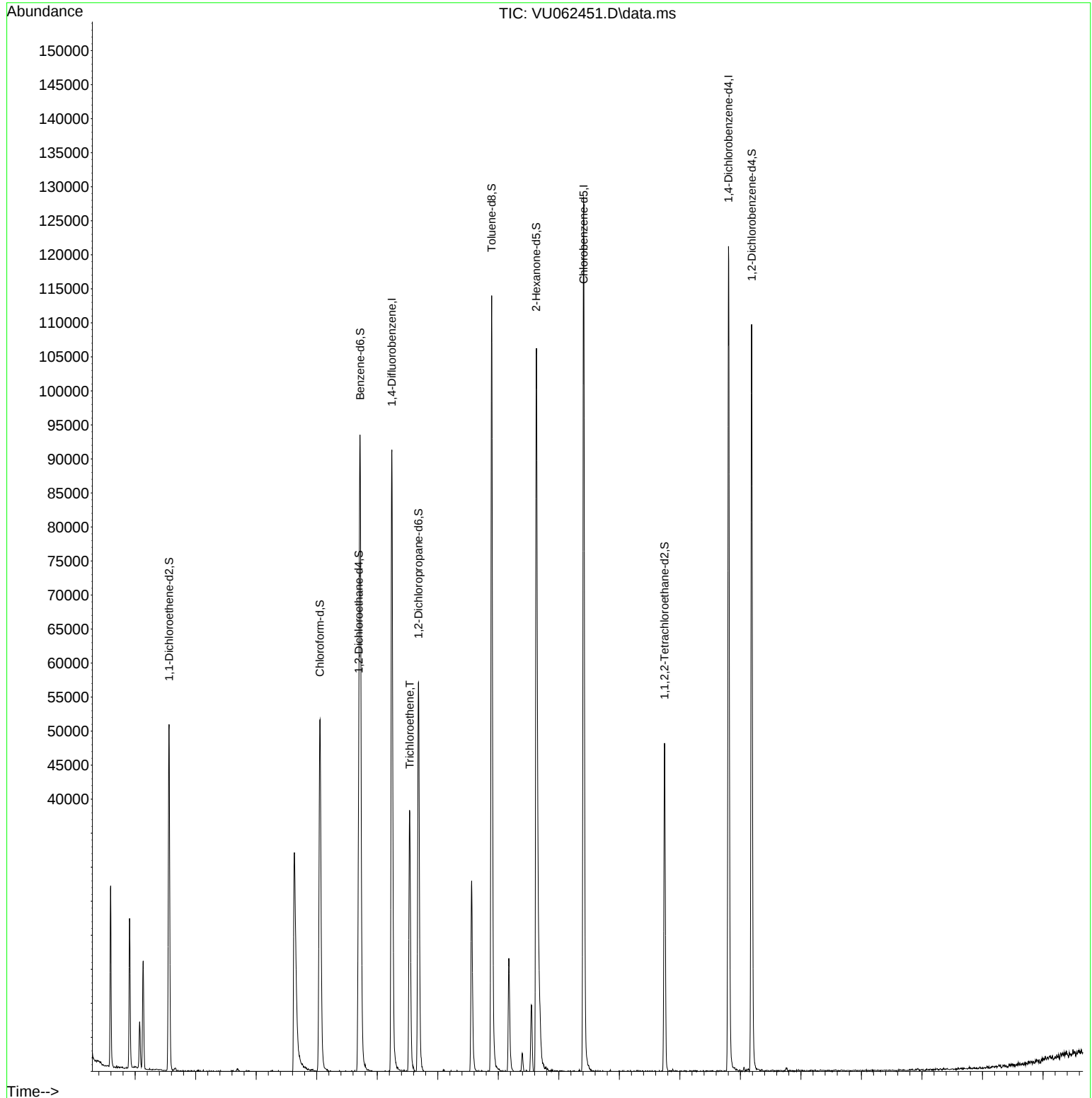
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78354	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	76068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	34253	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18708	3.540	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.907	69	15921	4.235	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.560	65	9595	3.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.628	46	51193	50.542	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.080%
24) Chloroform-d	5.052	84	51823	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.695	65	29627	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.718	84	88075	4.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.682	67	26840	4.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.891	98	79966	3.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.174	79	10858	3.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.627	63	36602	43.970	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23117	4.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	30992	4.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
9) Trichlorofluoromethane	2.133	101	10213	0.982	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	1368	0.225	ug/L #	62
34) Trichloroethene	6.537	95	14370	2.152	ug/L	94
45) 1,1,2-Trichloroethane	8.393	97	992	0.229	ug/L #	70
47) Tetrachloroethene	8.547	164	2332	0.452	ug/L	93

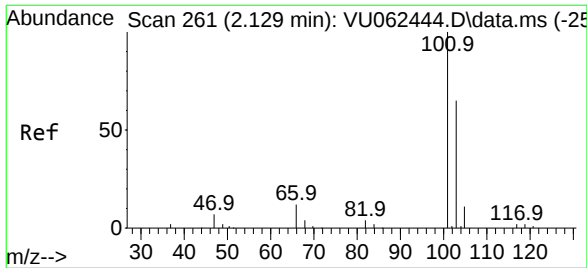
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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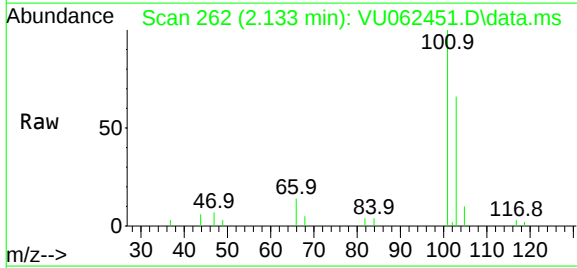
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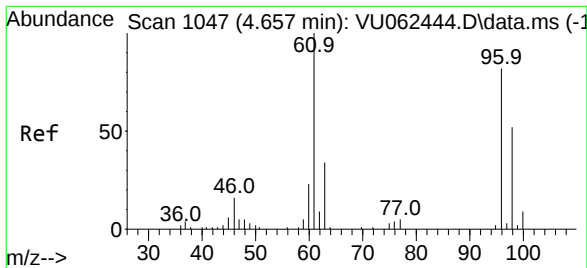
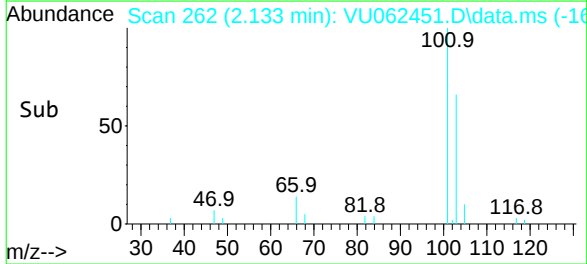
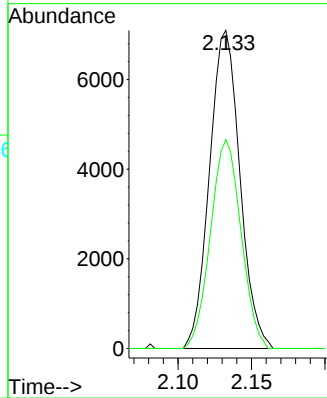


#9
Trichlorofluoromethane
Concen: 0.982 ug/L
RT: 2.133 min Scan# 261
Delta R.T. 0.003 min
Lab File: VU062451.D
Acq: 19 Dec 2024 04:35

Instrument :
MSVOA_U
ClientSampleId :
C0CC6

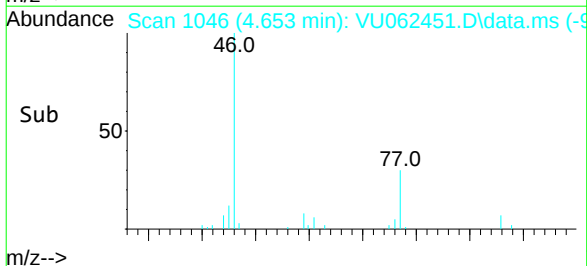
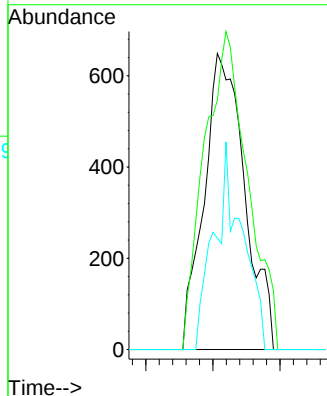
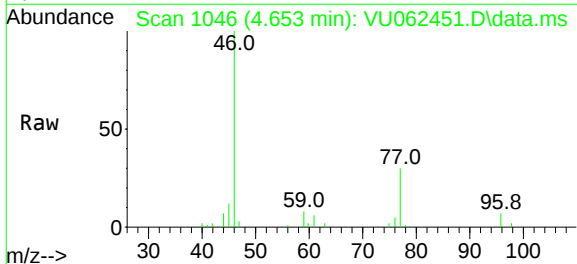


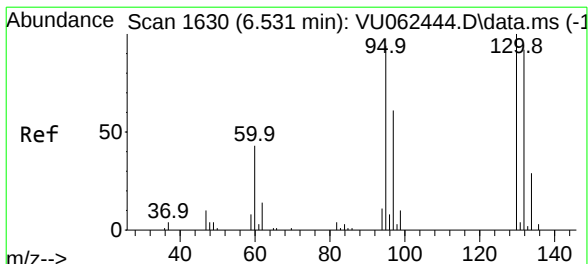
Tgt Ion:101 Resp: 10213
Ion Ratio Lower Upper
101 100
103 65.8 50.6 75.8



#22
cis-1,2-Dichloroethene
Concen: 0.225 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU062451.D
Acq: 19 Dec 2024 04:35

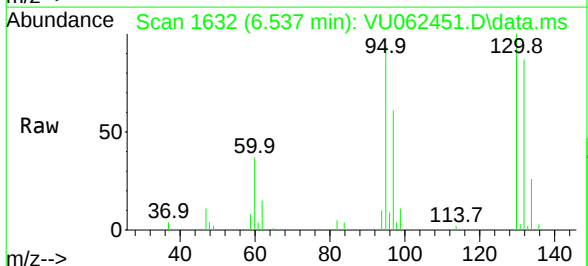
Tgt Ion: 96 Resp: 1368
Ion Ratio Lower Upper
96 100
61 84.3 92.0 170.8#
98 37.6 44.5 82.7#



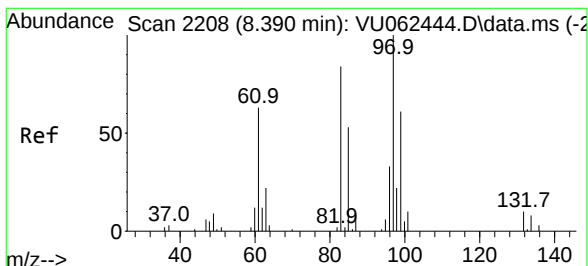
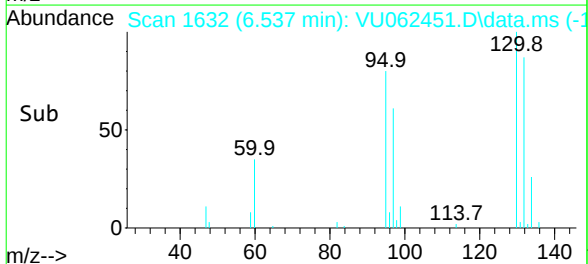
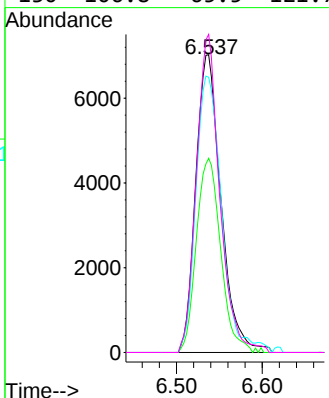


#34
 Trichloroethene
 Concen: 2.152 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.006 min
 Lab File: VU062451.D
 Acq: 19 Dec 2024 04:35

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 MSVOA_U
 ClientSampleId :
 C0CC6

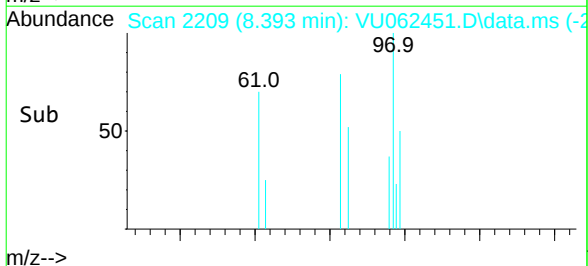
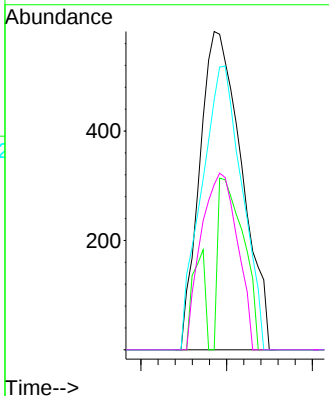
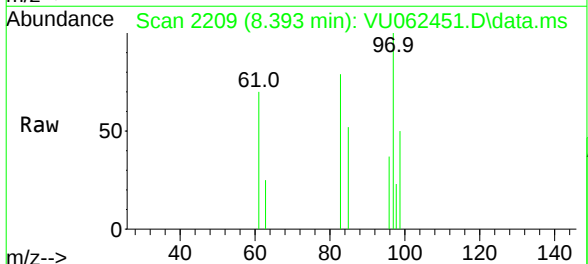


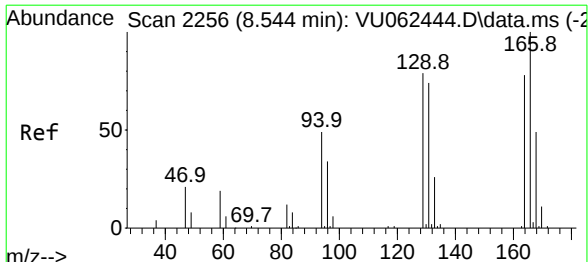
Tgt Ion	95	Resp	14370
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.9	85.3
132	92.5	63.8	118.4
130	106.8	65.5	121.7



#45
 1,1,2-Trichloroethane
 Concen: 0.229 ug/L
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU062451.D
 Acq: 19 Dec 2024 04:35

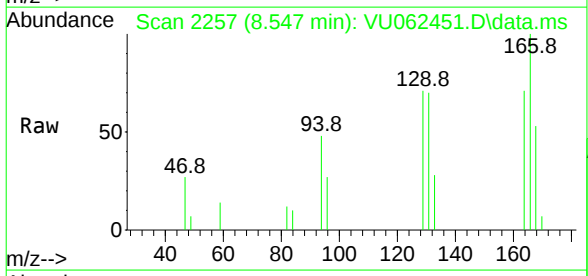
Tgt Ion	97	Resp	992
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.0	79.8#
83	78.5	61.7	114.5
85	51.9	40.1	74.5





#47
 Tetrachloroethene
 Concen: 0.452 ug/L
 RT: 8.547 min Scan# 22
 Delta R.T. 0.003 min
 Lab File: VU062451.D
 Acq: 19 Dec 2024 04:35

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CC6



Tgt Ion:	164	Resp:	2332
Ion	Ratio	Lower	Upper
164	100		
129	100.3	73.2	136.0
131	98.3	72.3	134.3
166	141.0	90.2	167.4

