

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062492.D
 Acq On : 20 Dec 2024 01:05
 Operator : MD/SY
 Sample : P5308-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD1

Quant Time: Dec 20 01:28:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 01:26:48 2024
 Response via : Initial Calibration

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

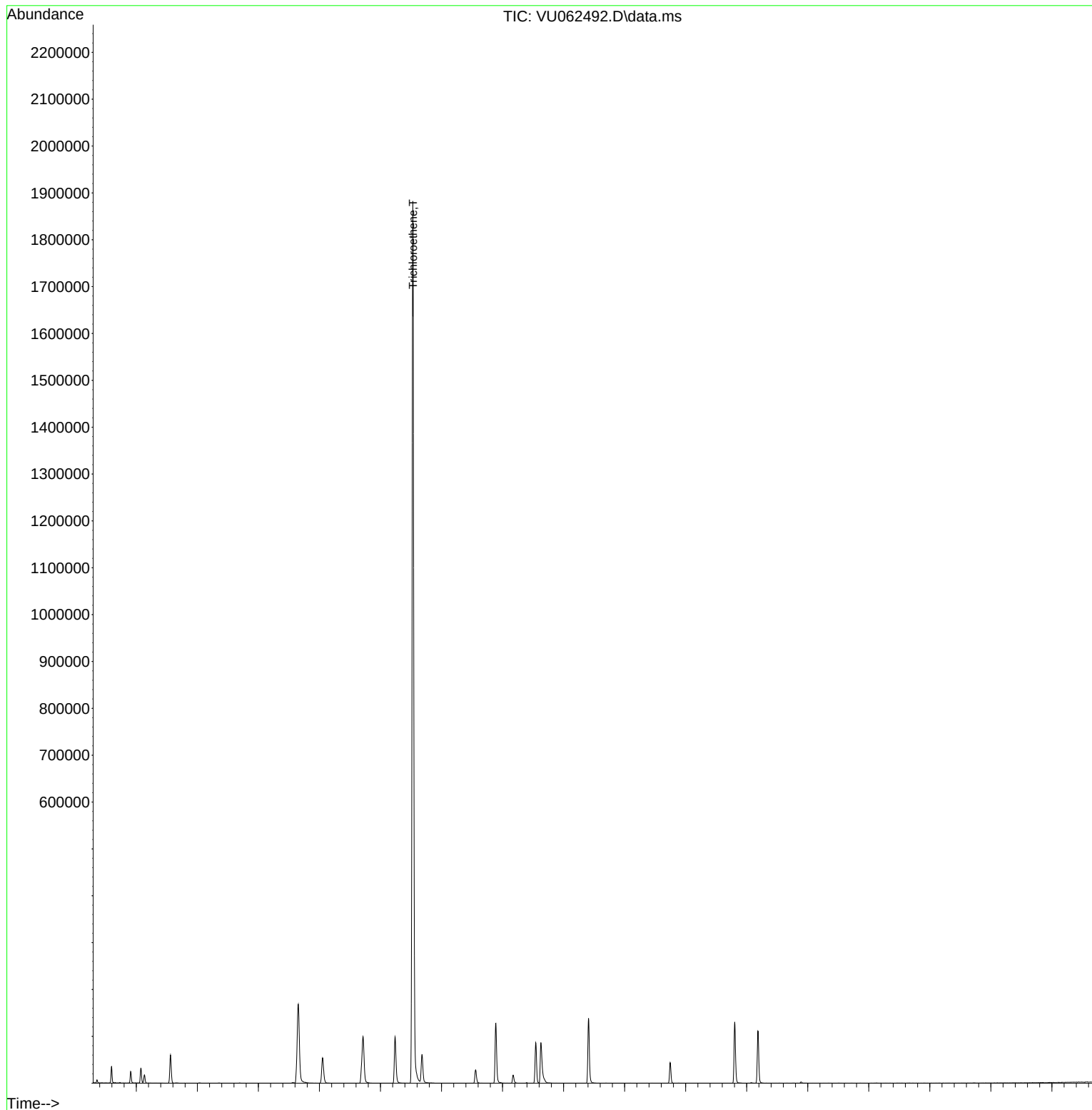
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	82962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79396	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22293	3.984	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.911	69	17824	4.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.560	65	11121	4.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.628	46	42564	39.689	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.380%
24) Chloroform-d	5.052	84	53415	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.692	65	30069	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.718	84	95503	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.679	67	26570	4.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.891	98	90288	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.174	79	11760	4.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.627	63	31775	36.571	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	20664	4.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	31608	4.583	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
9) Trichlorofluoromethane	2.132	101	11611	1.055	ug/L	99
12) 1,1-Dichloroethene	2.570	96	1070	0.191	ug/L #	1
22) cis-1,2-Dichloroethene	4.653	96	88397	13.703	ug/L	94
34) Trichloroethene	6.531	95	653732	93.797	ug/L	97
47) Tetrachloroethene	8.544	164	18861	3.505	ug/L	98

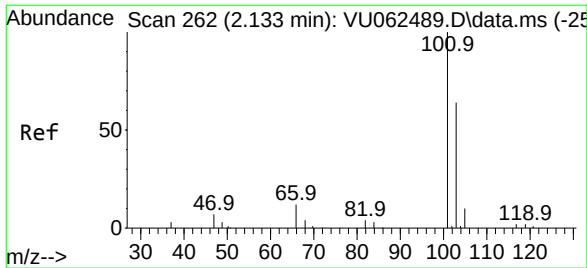
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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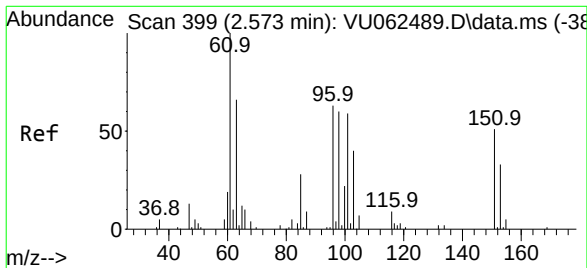
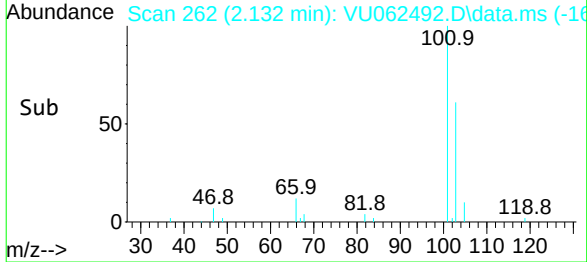
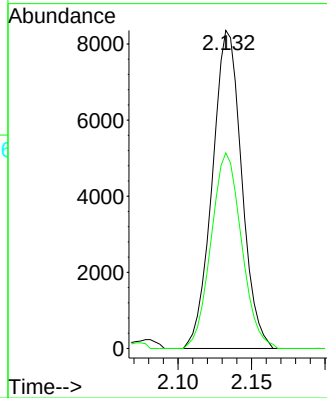
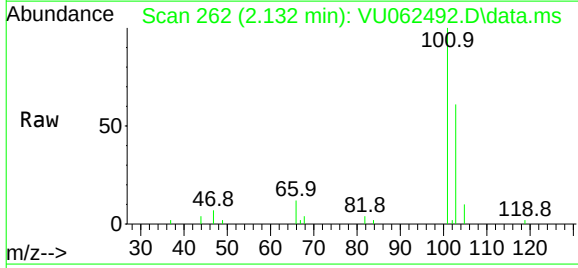




#9
Trichlorofluoromethane
Concen: 1.055 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062492.D
Acq: 20 Dec 2024 01:05

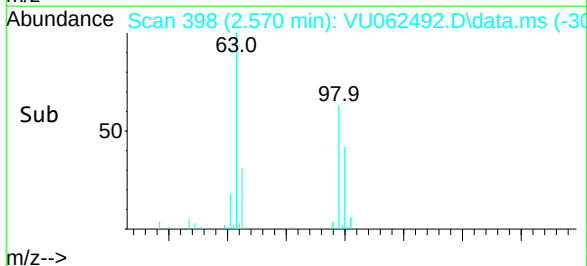
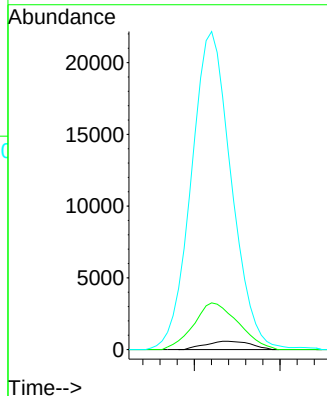
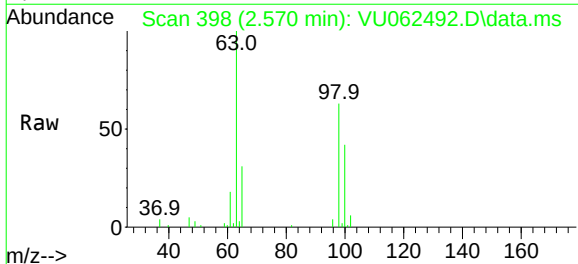
Instrument :
MSVOA_U
ClientSampleId :
C0CD1

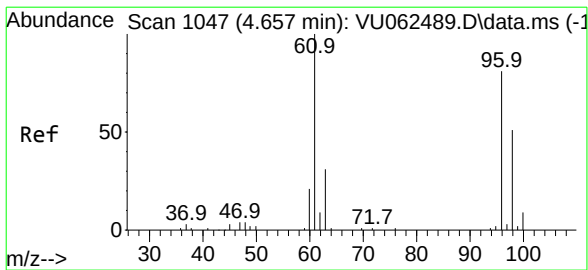
Tgt Ion:101 Resp: 11611
Ion Ratio Lower Upper
101 100
103 63.8 50.6 75.8



#12
1,1-Dichloroethene
Concen: 0.191 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062492.D
Acq: 20 Dec 2024 01:05

Tgt Ion: 96 Resp: 1070
Ion Ratio Lower Upper
96 100
61 436.1 119.6 222.2#
63 2390.5 65.0 120.6#

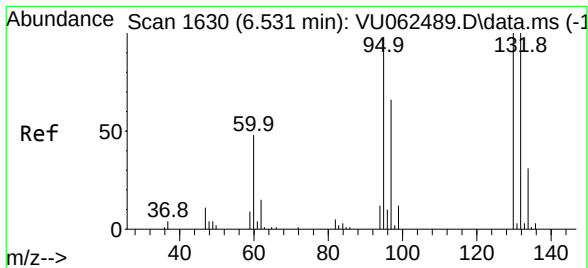
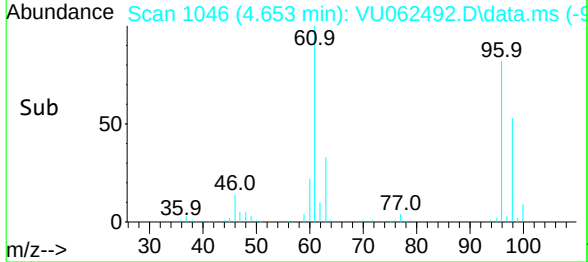
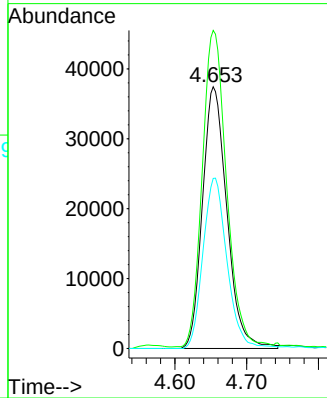
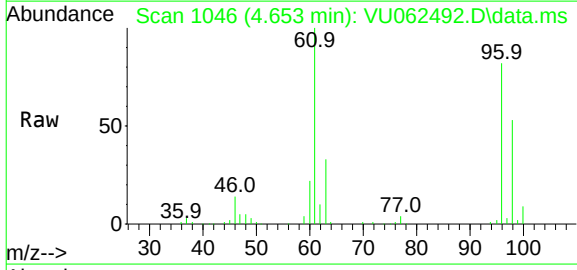




#22
 cis-1,2-Dichloroethene
 Concen: 13.703 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU062492.D
 Acq: 20 Dec 2024 01:05

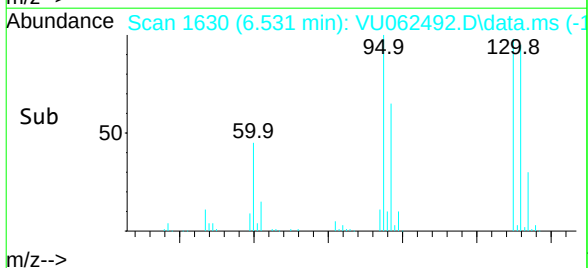
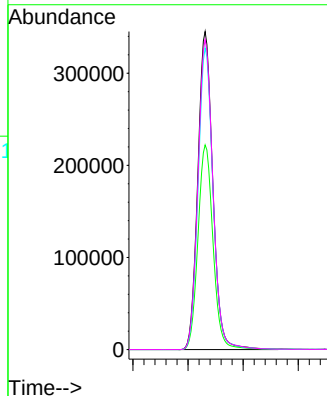
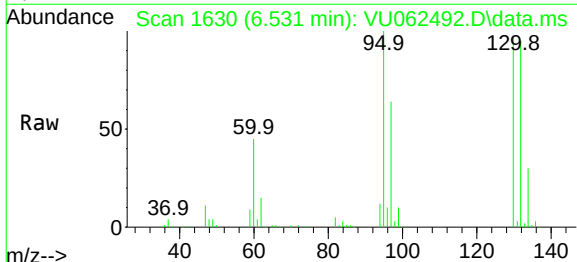
Instrument :
 MSVOA_U
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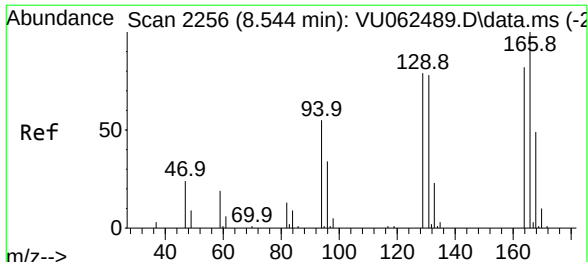
Tgt Ion:	96	Resp:	88397
Ion	Ratio	Lower	Upper
96	100		
61	121.5	92.0	170.8
98	65.0	44.5	82.7



#34
 Trichloroethene
 Concen: 93.797 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: VU062492.D
 Acq: 20 Dec 2024 01:05

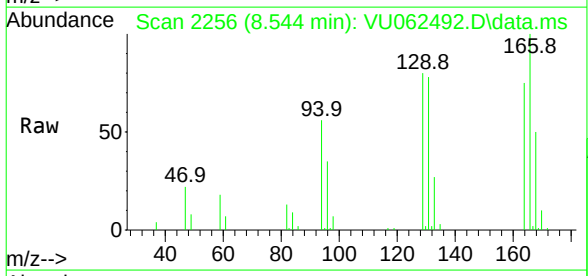
Tgt Ion:	95	Resp:	653732
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.9	85.3
132	94.8	63.8	118.4
130	97.5	65.5	121.7





#47
 Tetrachloroethene
 Concen: 3.505 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: VU062492.D
 Acq: 20 Dec 2024 01:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD1



Tgt Ion:	164	Resp:	18861
Ion	Ratio	Lower	Upper
164	100		
129	106.0	73.2	136.0
131	103.6	72.3	134.3
166	133.0	90.2	167.4

