

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062739.D
 Acq On : 14 Jan 2025 13:18
 Operator : MD/SY
 Sample : Q1057-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8T5

Quant Time: Jan 15 00:34:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

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

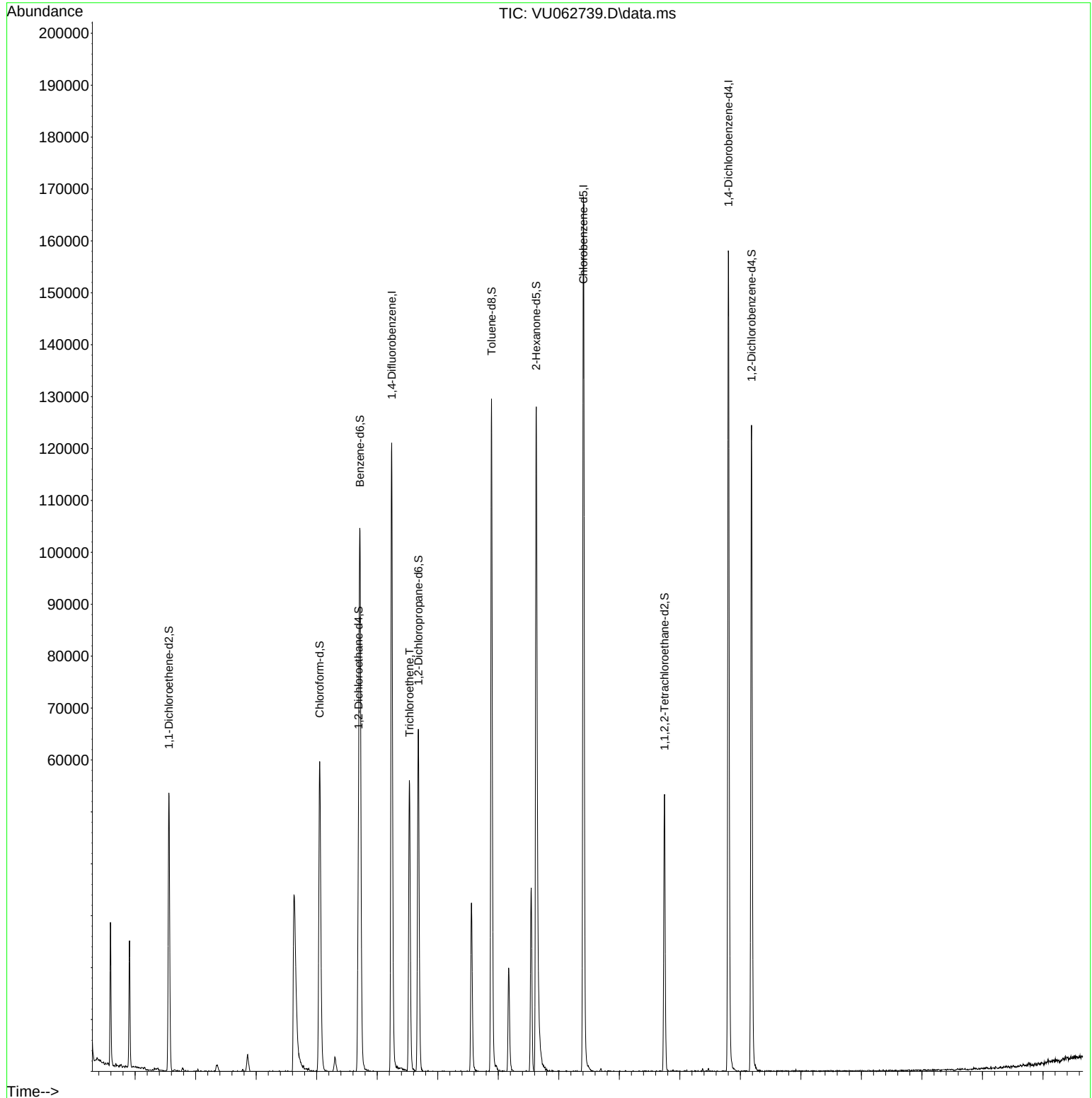
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	101262	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	97092	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	45155	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	18421	3.285	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.908	69	16710	3.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.557	65	9899	3.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.625	46	59100	51.560	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.120%
24) Chloroform-d	5.049	84	59130	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.692	65	33081	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.715	84	97239	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.679	67	28722	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.888	98	88272	3.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.171	79	13458	4.103	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.625	63	48367	46.884	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.760%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	25278	4.587	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	34605	4.606	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
12) 1,1-Dichloroethene	2.567	96	1715	0.273	ug/L #	1
19) 1,1-Dichloroethane	3.856	63	3824	0.318	ug/L	92
22) cis-1,2-Dichloroethene	4.654	96	2451	0.334	ug/L #	81
34) Trichloroethene	6.531	95	19903	2.089	ug/L	98
47) Tetrachloroethene	8.544	164	7929	1.208	ug/L	95

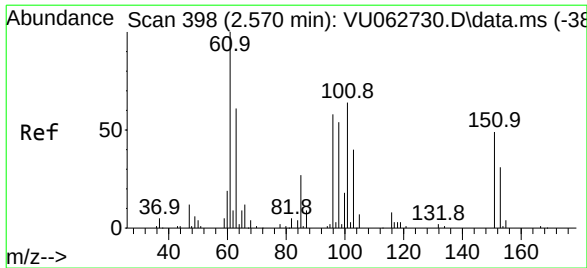
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 15 00:31:11 2025
Response via : Initial Calibration

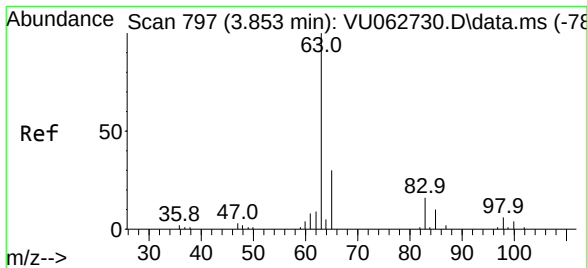
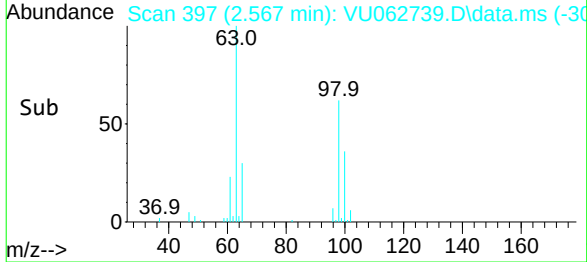
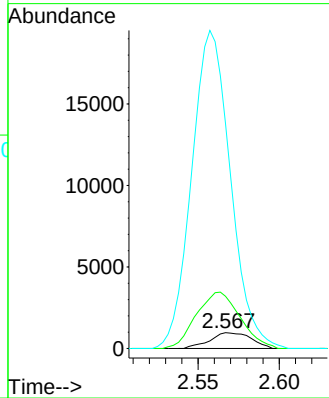
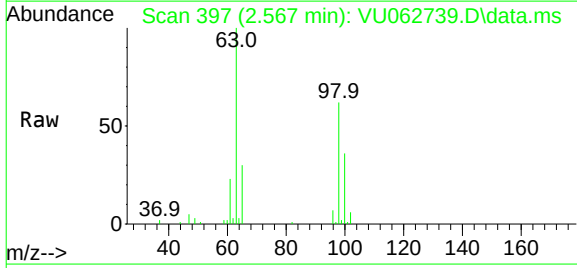




#12
1,1-Dichloroethene
Concen: 0.273 ug/L
RT: 2.567 min Scan# 39
Delta R.T. -0.003 min
Lab File: VU062739.D
Acq: 14 Jan 2025 13:18

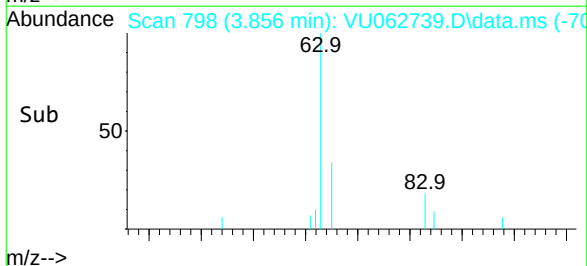
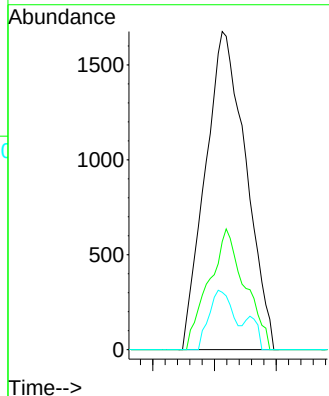
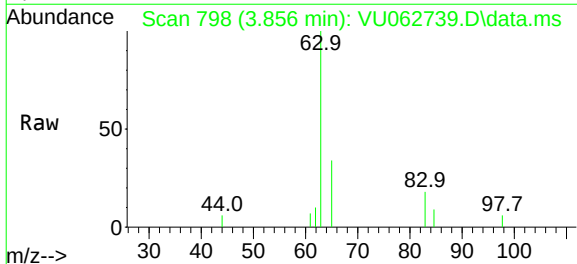
Instrument :
MSVOA_U
ClientSampleId :
BH8T5

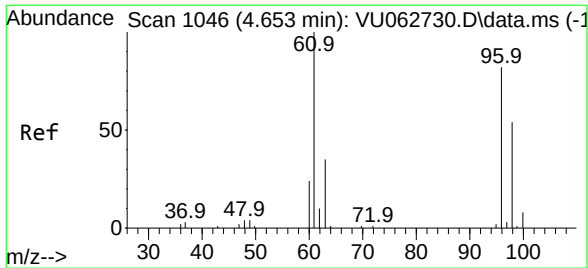
Tgt Ion: 96 Resp: 1715
Ion Ratio Lower Upper
96 100
61 330.5 120.4 223.6#
63 1422.6 82.3 152.9#



#19
1,1-Dichloroethane
Concen: 0.318 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU062739.D
Acq: 14 Jan 2025 13:18

Tgt Ion: 63 Resp: 3824
Ion Ratio Lower Upper
63 100
65 33.9 20.7 38.5
83 18.0 10.5 19.5

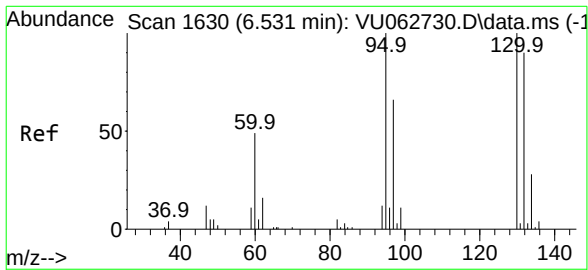
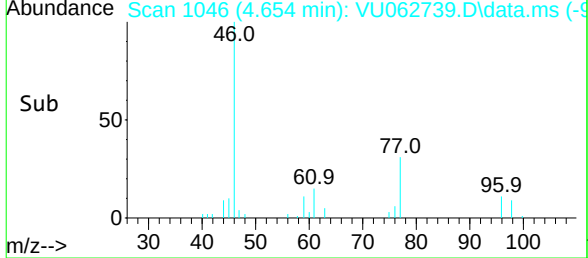
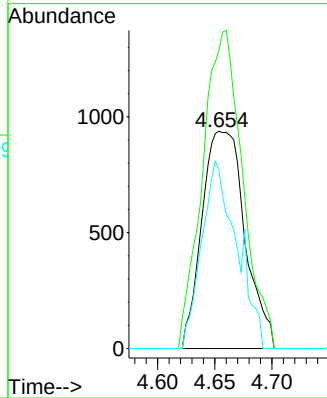
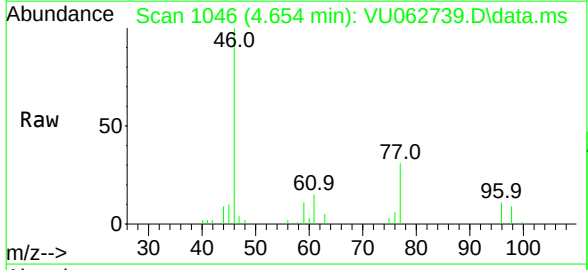




#22
 cis-1,2-Dichloroethene
 Concen: 0.334 ug/L
 RT: 4.654 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062739.D
 Acq: 14 Jan 2025 13:18

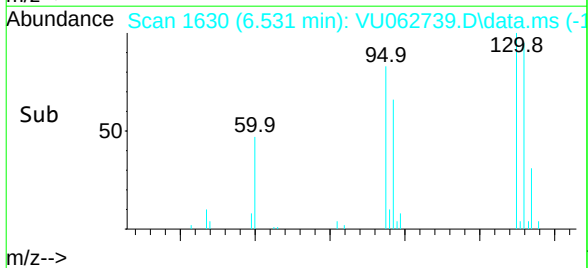
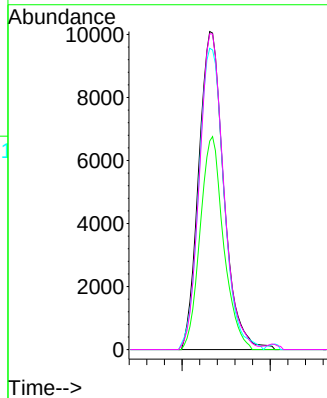
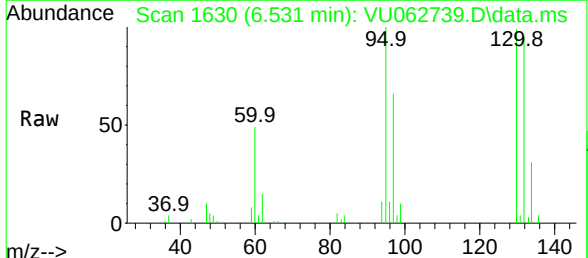
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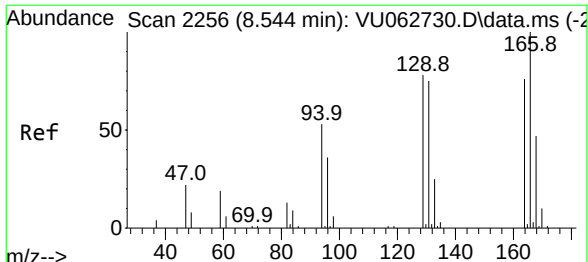
Tgt Ion: 96	Resp: 2451
Ion Ratio	Lower Upper
96 100	
61 137.3	84.8 157.6
98 82.0	43.1 80.1



#34
 Trichloroethene
 Concen: 2.089 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: VU062739.D
 Acq: 14 Jan 2025 13:18

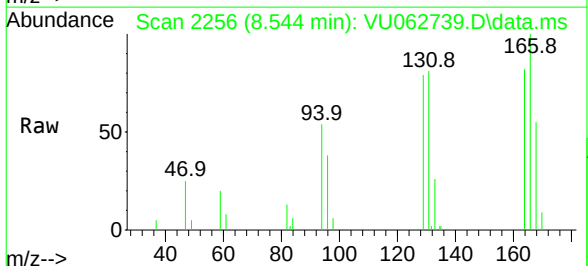
Tgt Ion: 95	Resp: 19903
Ion Ratio	Lower Upper
95 100	
97 65.6	47.5 88.3
132 94.7	66.9 124.3
130 99.3	68.6 127.4





#47
 Tetrachloroethene
 Concen: 1.208 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: VU062739.D
 Acq: 14 Jan 2025 13:18

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8T5



Tgt Ion:	164	Resp:	7929
Ion	Ratio	Lower	Upper
164	100		
129	95.8	71.0	131.9
131	98.9	69.4	129.0
166	122.0	92.7	172.3

