

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062790.D
 Acq On : 16 Jan 2025 01:38
 Operator : MD/SY
 Sample : Q1071-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ82

Quant Time: Jan 16 02:10:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

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

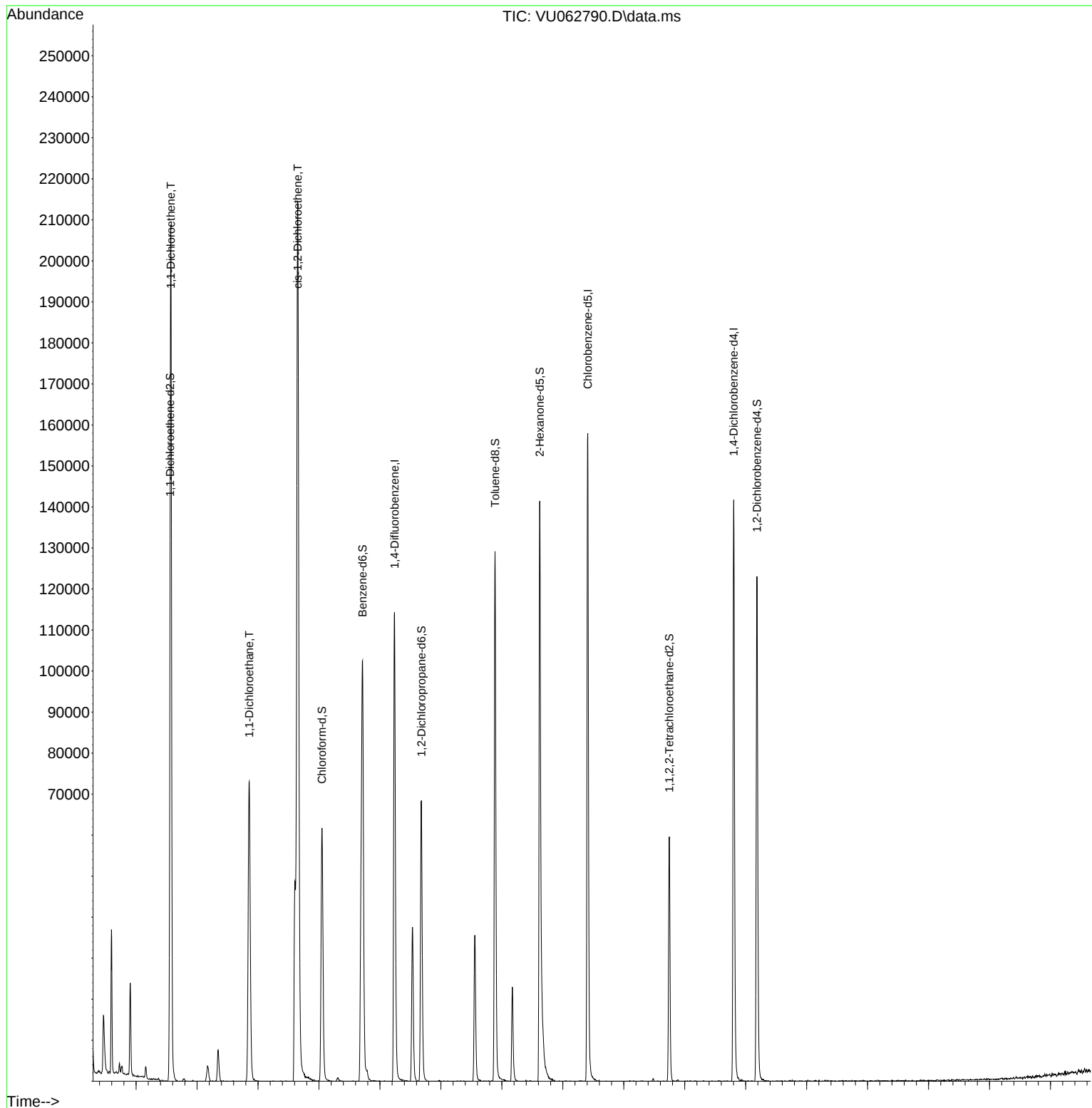
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	95272	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89391	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	15737	2.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.904	69	16275	3.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.557	65	9629	3.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	4.602	46	65486	60.724	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.440%
24) Chloroform-d	5.049	84	62292	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.689	65	36791	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.714	84	97195	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.679	67	29963	4.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.888	98	88092	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.174	79	14207	4.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.621	63	51568	54.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.580%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28135	5.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	36621	5.308	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
5) Vinyl chloride	1.599	62	1201	0.175	ug/L #	5
12) 1,1-Dichloroethene	2.570	96	62417	10.554	ug/L #	82
18) trans-1,2-Dichloroethene	3.341	96	3304	0.521	ug/L	80
19) 1,1-Dichloroethane	3.856	63	81831	7.223	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	116874	16.938	ug/L	99
34) Trichloroethene	6.534	95	13297	1.516	ug/L	95

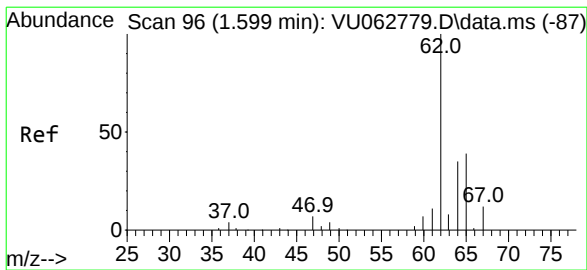
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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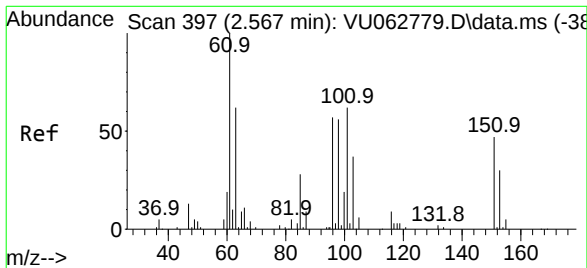
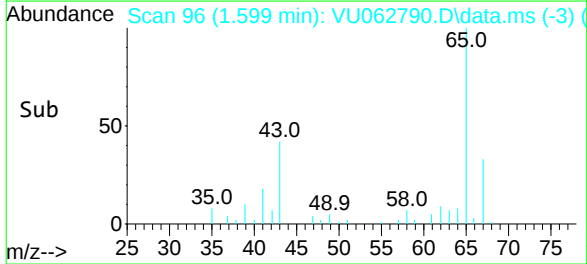
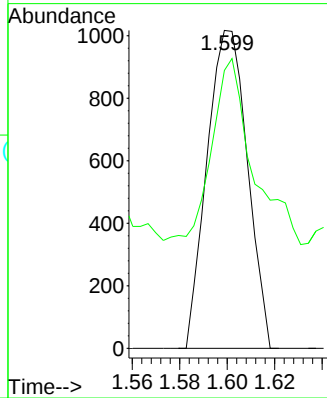
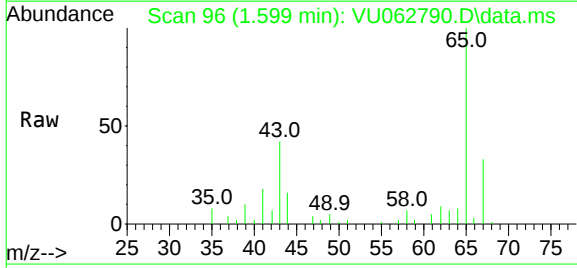




Vinyl chloride
 Concen: 0.175 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062790.D
 Acq: 16 Jan 2025 01:38

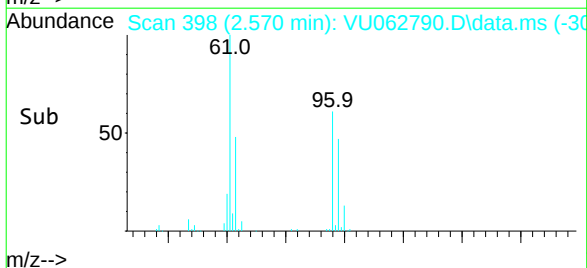
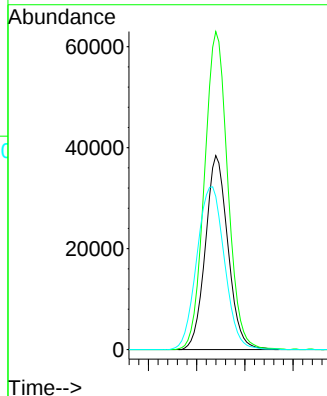
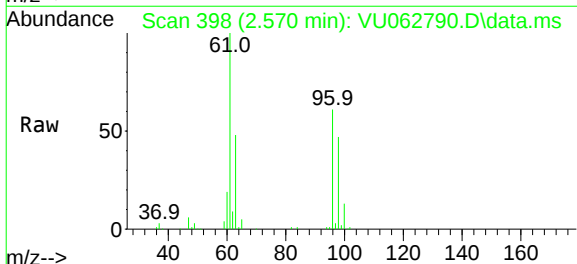
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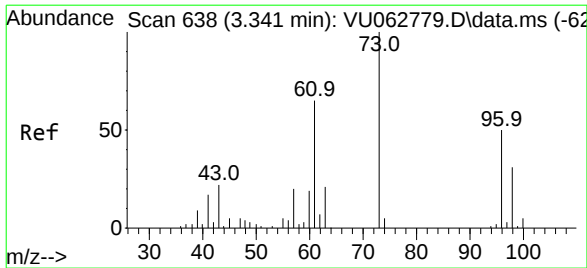
Tgt Ion: 62 Resp: 1201
 Ion Ratio Lower Upper
 62 100
 64 87.4 23.4 43.4#



1,1-Dichloroethene
 Concen: 10.554 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU062790.D
 Acq: 16 Jan 2025 01:38

Tgt Ion: 96 Resp: 62417
 Ion Ratio Lower Upper
 96 100
 61 163.9 120.4 223.6
 63 78.9 82.3 152.9#

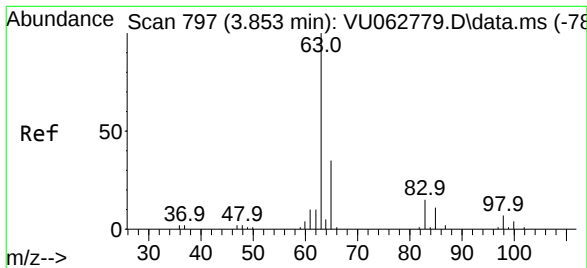
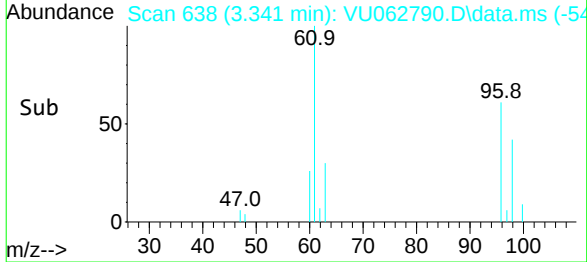
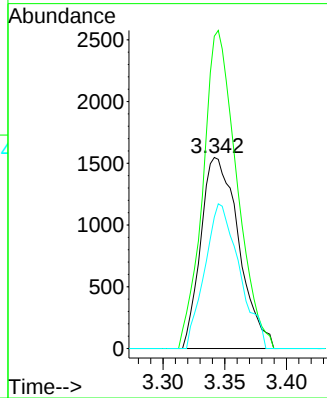
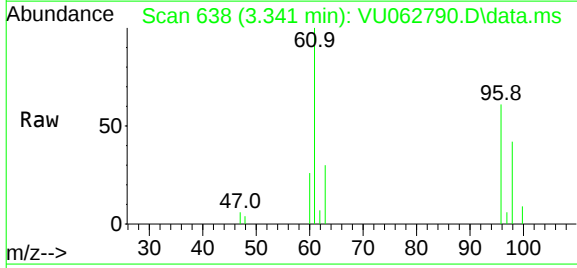




#18
trans-1,2-Dichloroethene
Concen: 0.521 ug/L
RT: 3.341 min Scan# 63
Delta R.T. 0.000 min
Lab File: VU062790.D
Acq: 16 Jan 2025 01:38

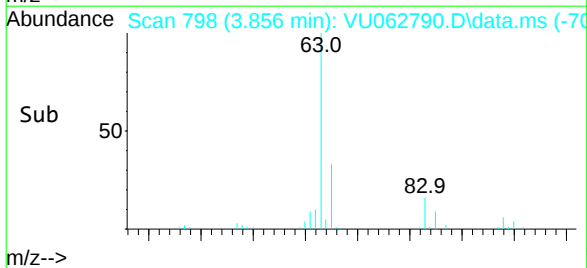
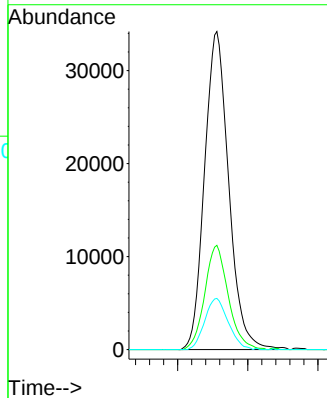
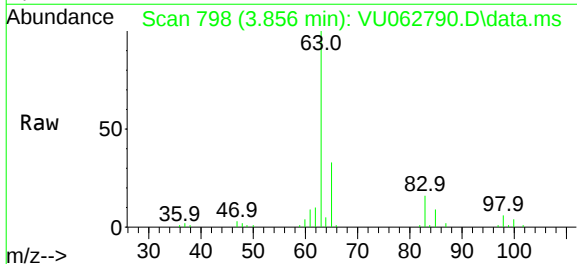
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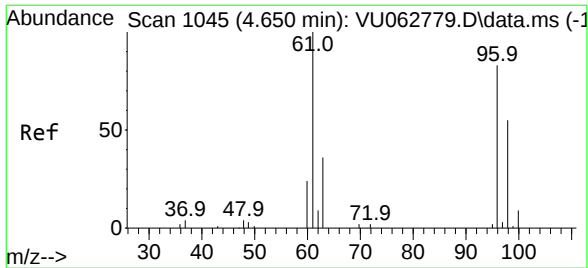
Tgt Ion:	96	Resp:	3304
Ion	Ratio	Lower	Upper
96	100		
61	163.5	94.4	175.2
98	68.8	42.8	79.4



#19
1,1-Dichloroethane
Concen: 7.223 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU062790.D
Acq: 16 Jan 2025 01:38

Tgt Ion:	63	Resp:	81831
Ion	Ratio	Lower	Upper
63	100		
65	32.8	20.7	38.5
83	16.1	10.5	19.5

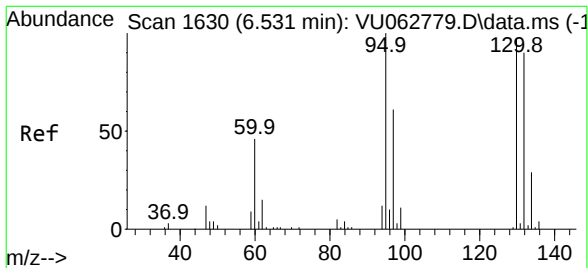
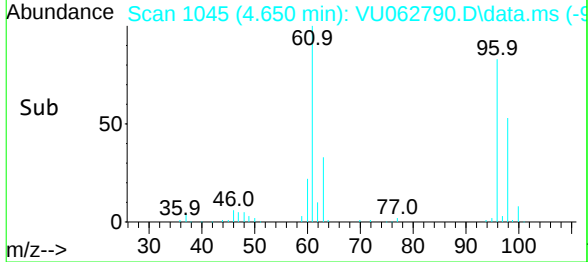
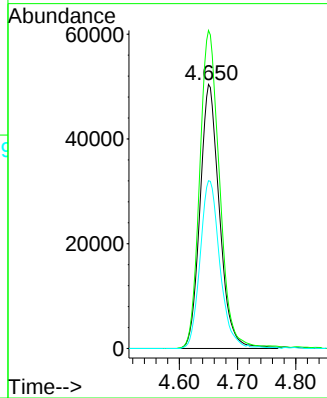
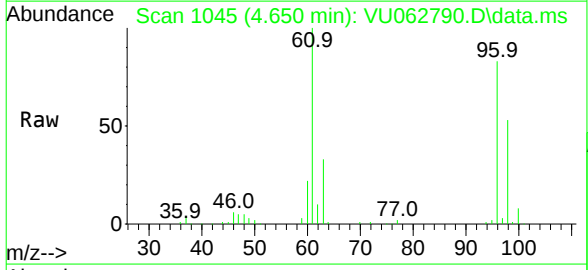




#22
 cis-1,2-Dichloroethene
 Concen: 16.938 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. 0.000 min
 Lab File: VU062790.D
 Acq: 16 Jan 2025 01:38

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	96	Resp:	116874
Ion	Ratio	Lower	Upper
96	100		
61	120.4	84.8	157.6
98	63.5	43.1	80.1



#34
 Trichloroethene
 Concen: 1.516 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU062790.D
 Acq: 16 Jan 2025 01:38

Tgt Ion:	95	Resp:	13297
Ion	Ratio	Lower	Upper
95	100		
97	61.7	47.5	88.3
132	95.0	66.9	124.3
130	106.5	68.6	127.4

