

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060797.D
 Acq On : 16 Sep 2024 22:15
 Operator : MD/SY
 Sample : P3967-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN4

Quant Time: Sep 17 01:58:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:47:23 2024
 Response via : Initial Calibration

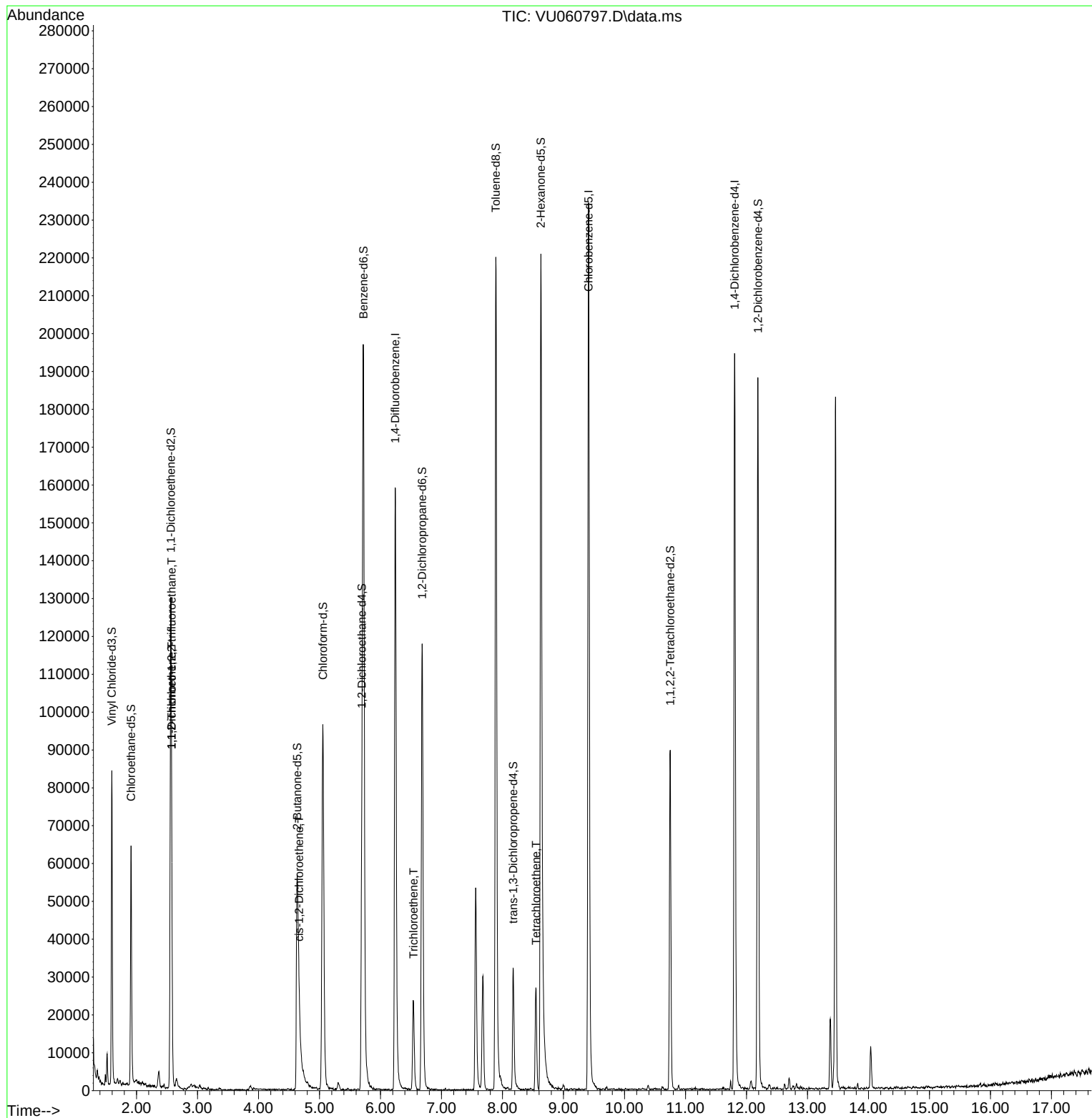
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	137887	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145990	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59969	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58487	4.716	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.400%	
7) Chloroethane-d5	1.911	69	45982	5.207	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.200%	
11) 1,1-Dichloroethene-d2	2.563	65	22094	5.026	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.600%	
20) 2-Butanone-d5	4.634	46	98739	49.593	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.180%	
24) Chloroform-d	5.055	84	95656	5.045	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.695	65	48164	5.315	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
32) Benzene-d6	5.721	84	193162	4.937	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
36) 1,2-Dichloropropane-d6	6.682	67	61941	5.116	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.891	98	161136	4.517	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	8.174	79	21685	4.976	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.600%	
46) 2-Hexanone-d5	8.627	63	81093	47.173	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.340%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49059	5.172	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	54948	5.453	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.000%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	4119	0.434	ug/L	92
12) 1,1-Dichloroethene	2.576	96	8252	0.951	ug/L	# 1
22) cis-1,2-Dichloroethene	4.666	96	2898	0.291	ug/L	88
34) Trichloroethene	6.541	95	8576	0.815	ug/L	93
47) Tetrachloroethene	8.550	164	6757	0.808	ug/L	91

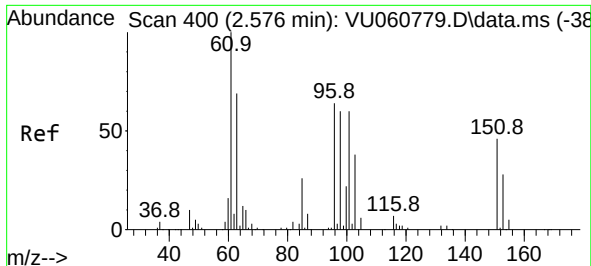
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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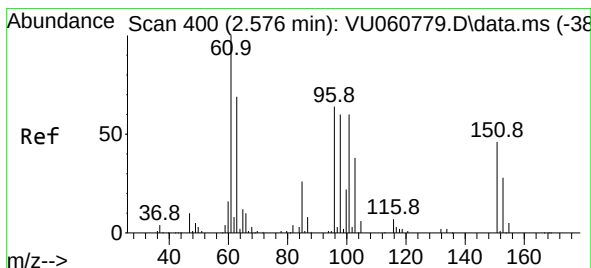
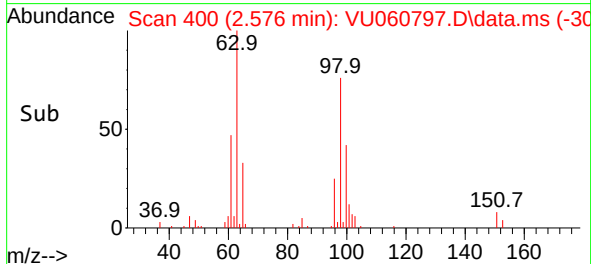
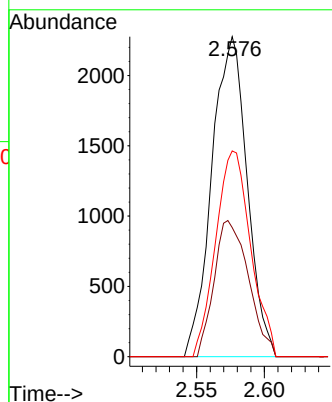
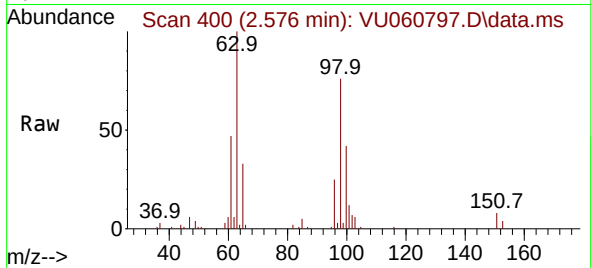




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.434 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060797.D
 Acq: 16 Sep 2024 22:15

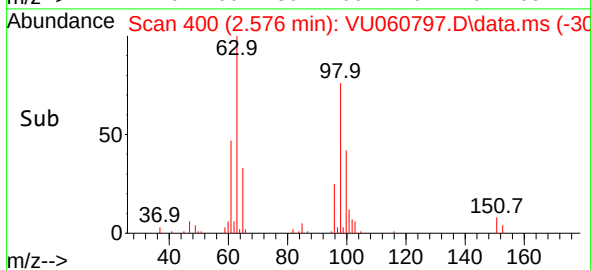
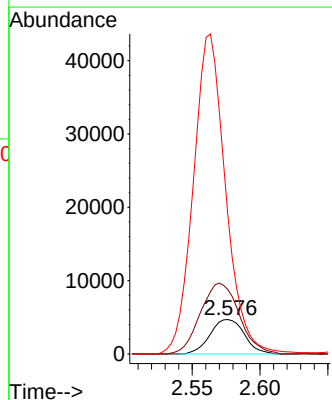
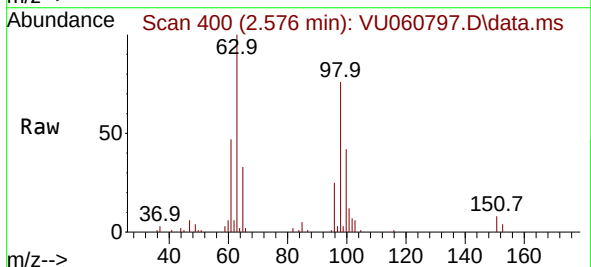
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 C0AN4

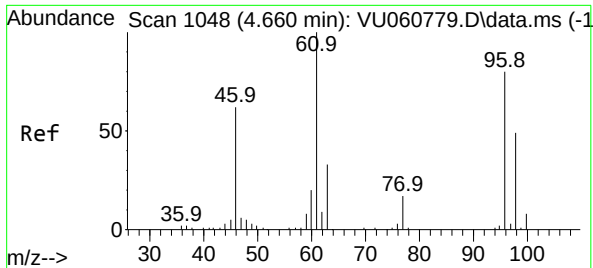
Tgt Ion:101 Resp: 4119
 Ion Ratio Lower Upper
 101 100
 85 41.5 34.2 51.4
 151 63.8 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 0.951 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060797.D
 Acq: 16 Sep 2024 22:15

Tgt Ion: 96 Resp: 8252
 Ion Ratio Lower Upper
 96 100
 61 187.2 120.7 224.1
 63 402.0 90.0 167.2#

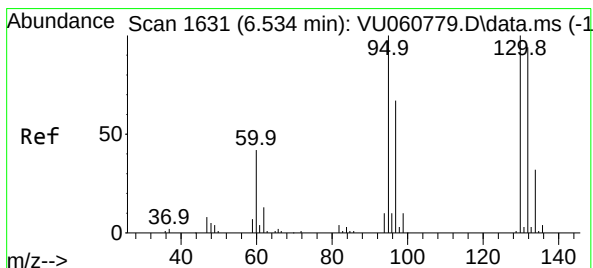
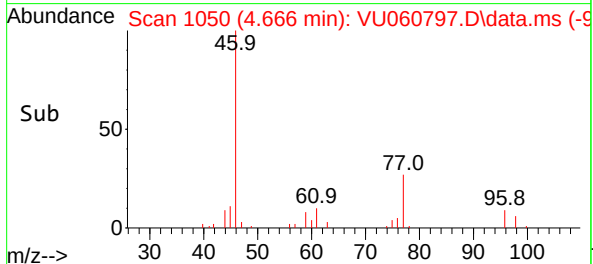
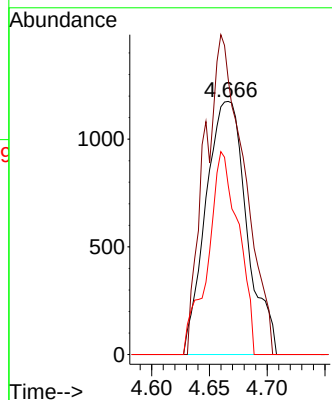
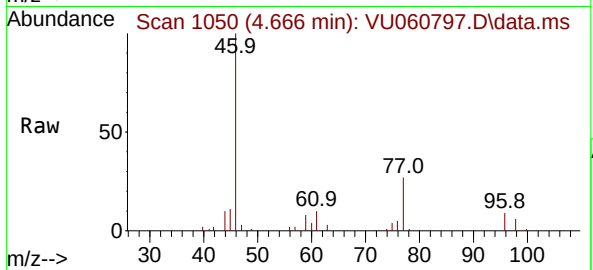




#22
cis-1,2-Dichloroethene
Concen: 0.291 ug/L
RT: 4.666 min Scan# 1048
Delta R.T. 0.007 min
Lab File: VU060797.D
Acq: 16 Sep 2024 22:15

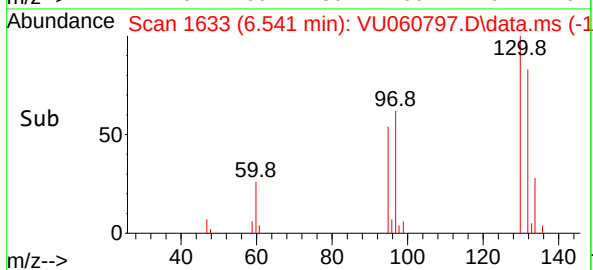
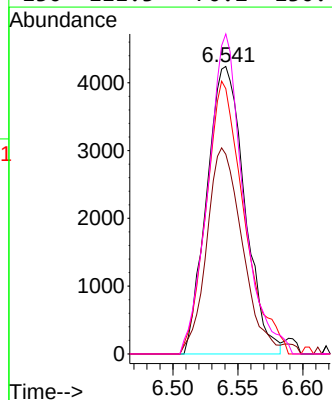
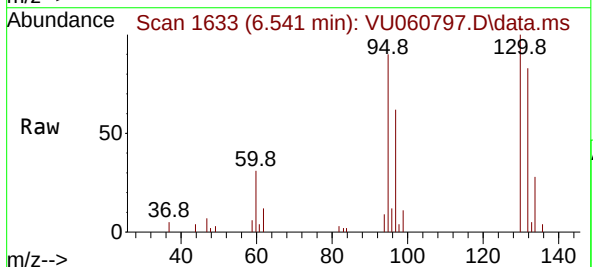
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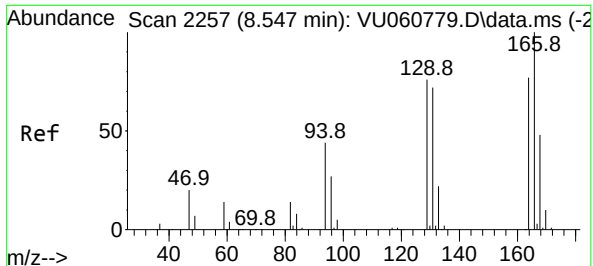
Tgt Ion:	96	Resp:	2898
Ion	Ratio	Lower	Upper
96	100		
61	108.9	89.7	166.5
98	66.9	45.1	83.9



#34
Trichloroethene
Concen: 0.815 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.007 min
Lab File: VU060797.D
Acq: 16 Sep 2024 22:15

Tgt Ion:	95	Resp:	8576
Ion	Ratio	Lower	Upper
95	100		
97	69.5	44.9	83.5
132	92.3	63.5	117.9
130	111.3	70.2	130.4





#47
 Tetrachloroethene
 Concen: 0.808 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU060797.D
 Acq: 16 Sep 2024 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN4

Tgt Ion:164	Resp:	6757
Ion	Ratio	Lower Upper
164	100	
129	85.8	67.3 124.9
131	79.9	65.4 121.4
166	123.4	89.5 166.1

