

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060378.D
 Acq On : 09 Aug 2024 15:31
 Operator : MD/SY
 Sample : P3401-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G79DL

Quant Time: Aug 10 04:55:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 10 04:43:24 2024
 Response via : Initial Calibration

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

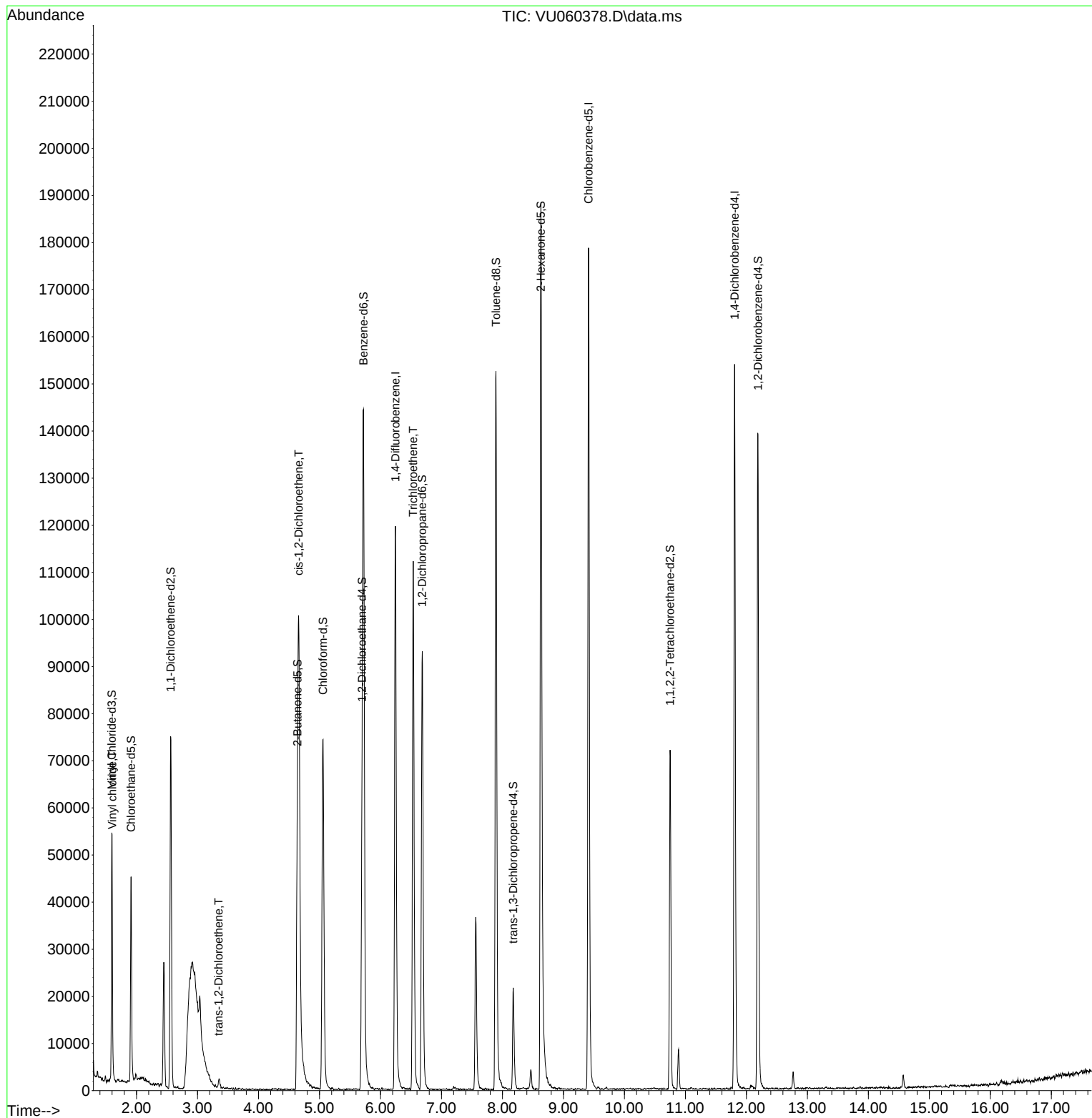
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	103949	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	109675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45368	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34545	4.234	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.911	69	32589	4.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	13753	3.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.637	46	94689	54.681	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.360%
24) Chloroform-d	5.058	84	75340	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.698	65	37319	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.721	84	139574	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.685	67	49685	4.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.894	98	111759	3.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	8.177	79	14248	4.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.631	63	68643	46.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39018	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	41345	4.947	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	2586	0.317	ug/L	# 80
18) trans-1,2-Dichloroethene	3.348	96	862	0.128	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	40811	5.028	ug/L	94
34) Trichloroethene	6.537	95	40039	4.844	ug/L	99

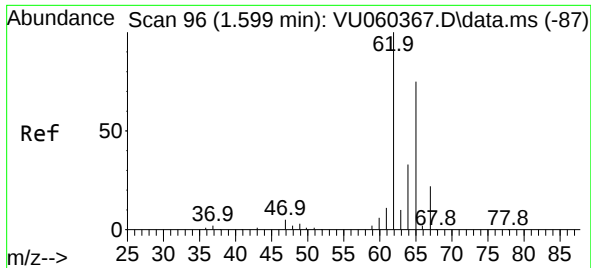
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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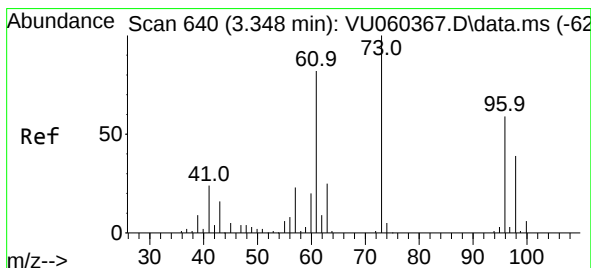
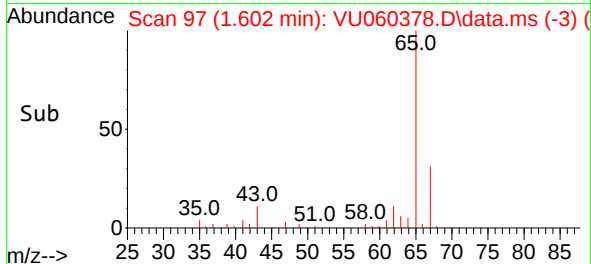
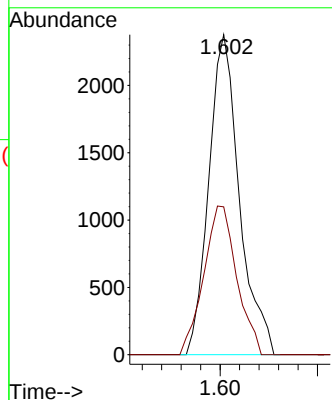
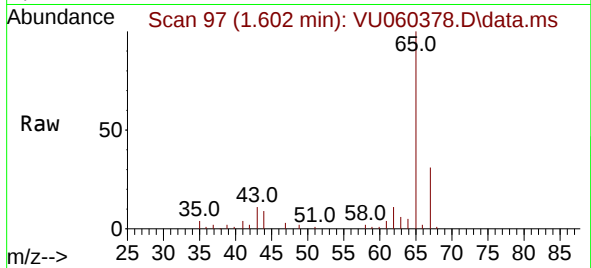




#5
 Vinyl chloride
 Concen: 0.317 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU060378.D
 Acq: 09 Aug 2024 15:31

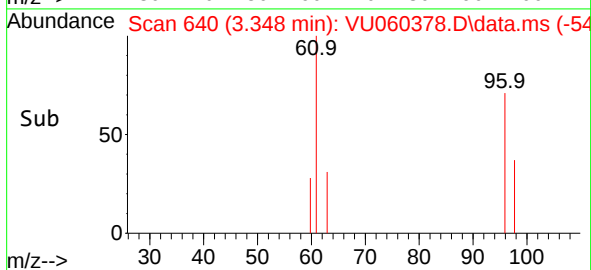
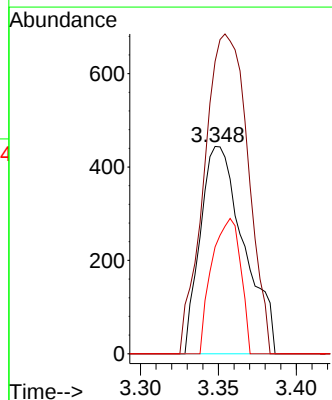
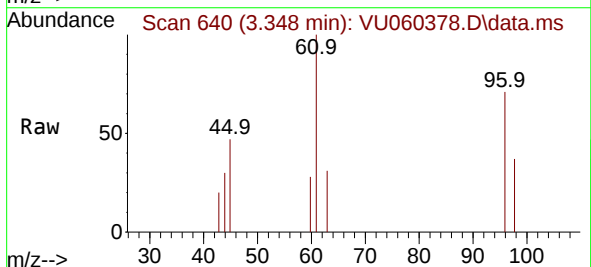
Instrument :
 MSVOA_U
 ClientSampleId :
 E1G79DL

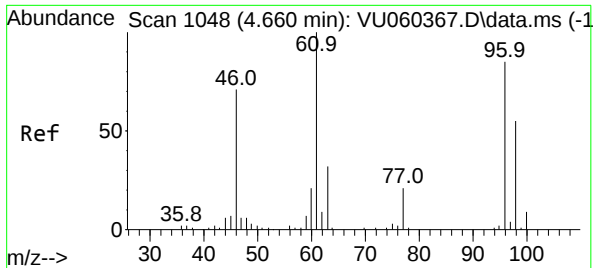
Tgt Ion: 62 Resp: 2586
 Ion Ratio Lower Upper
 62 100
 64 46.2 24.1 44.7#



#18
 trans-1,2-Dichloroethene
 Concen: 0.128 ug/L
 RT: 3.348 min Scan# 640
 Delta R.T. -0.000 min
 Lab File: VU060378.D
 Acq: 09 Aug 2024 15:31

Tgt Ion: 96 Resp: 862
 Ion Ratio Lower Upper
 96 100
 61 141.0 93.7 174.1
 98 51.6 44.7 82.9

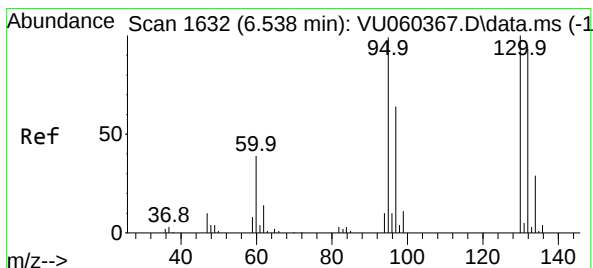
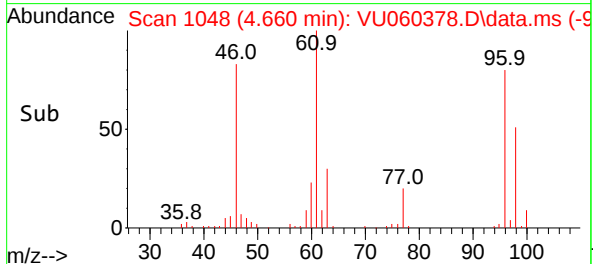
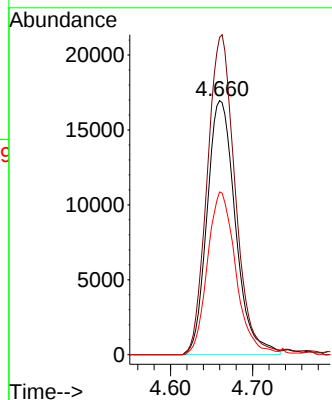
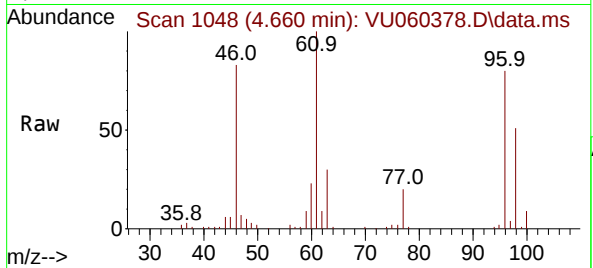




#22
 cis-1,2-Dichloroethene
 Concen: 5.028 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU060378.D
 Acq: 09 Aug 2024 15:31

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G79DL

Tgt Ion: 96 Resp: 40811
 Ion Ratio Lower Upper
 96 100
 61 124.9 81.5 151.5
 98 64.0 43.5 80.7



#34
 Trichloroethene
 Concen: 4.844 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU060378.D
 Acq: 09 Aug 2024 15:31

Tgt Ion: 95 Resp: 40039
 Ion Ratio Lower Upper
 95 100
 97 63.0 43.6 81.0
 132 95.5 67.1 124.5
 130 98.6 69.6 129.2

