

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
 Data File : VU059360.D
 Acq On : 19 Jun 2024 17:54
 Operator : MD/SY
 Sample : P2960-02 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAS8

Quant Time: Jun 20 06:01:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

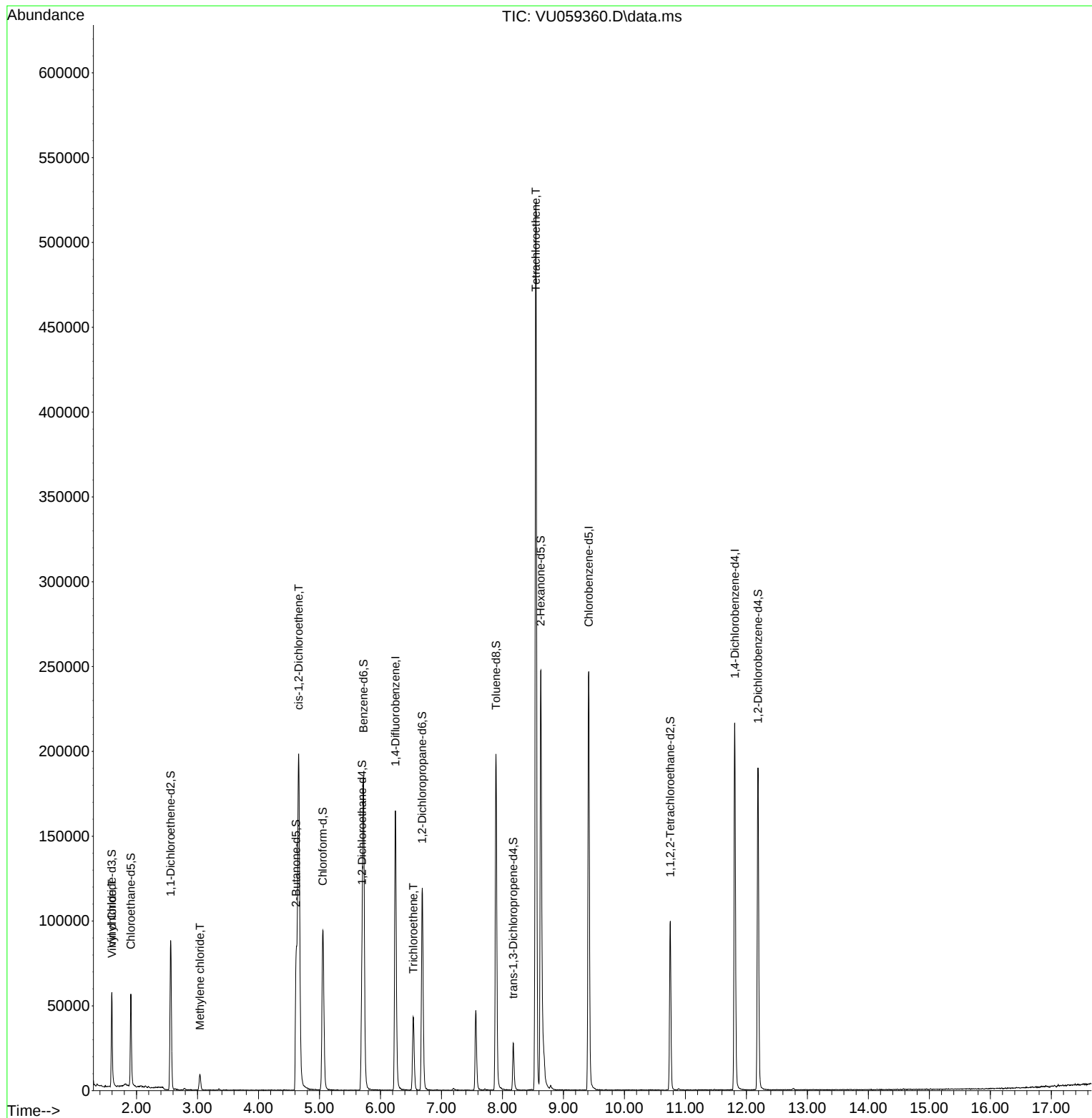
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	141517	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	147537	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	62842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39571	4.021	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.400%	
7) Chloroethane-d5	1.907	69	42955	4.537	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.560	65	17300	4.238	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.800%	
20) 2-Butanone-d5	4.618	46	118378	58.401	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.800%	
24) Chloroform-d	5.055	84	91874	4.549	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	5.698	65	48192	4.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.721	84	178664	4.400	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.685	67	60760	4.883	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.894	98	141215	3.741	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.800%	
43) trans-1,3-Dichloroprop...	8.177	79	16539	4.245	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.627	63	84849	52.414	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.820%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51290	4.989	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	54943	4.912	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	3557	0.249	ug/L	# 79
16) Methylene chloride	3.039	84	4872	0.410	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	105574	9.176	ug/L	95
34) Trichloroethene	6.541	95	14572	1.201	ug/L	97
47) Tetrachloroethene	8.550	164	119511	12.693	ug/L	96

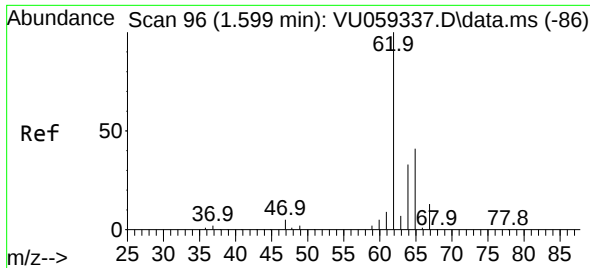
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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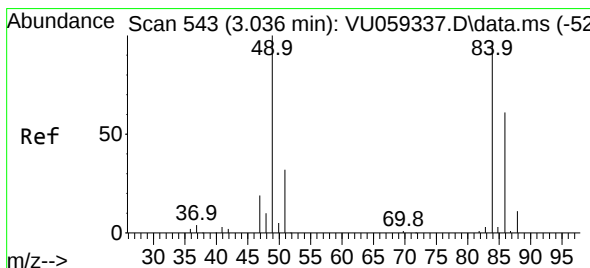
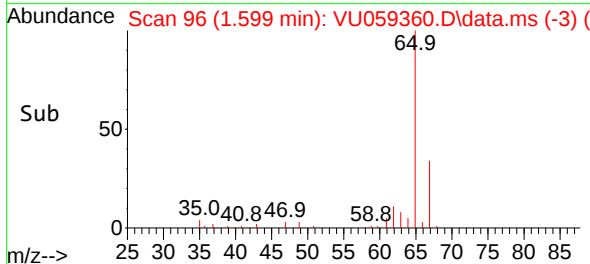
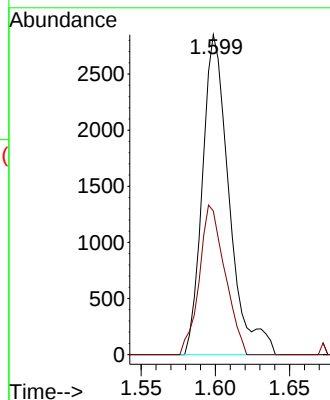
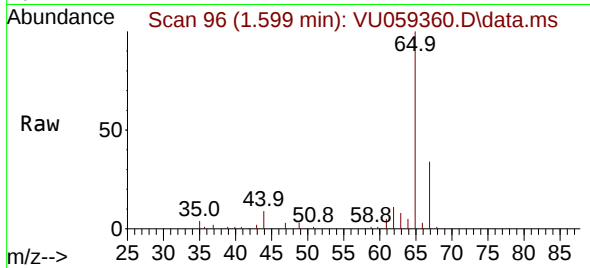




#5
 Vinyl chloride
 Concen: 0.249 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU059360.D
 Acq: 19 Jun 2024 17:54

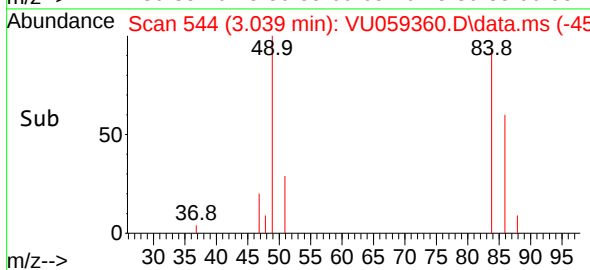
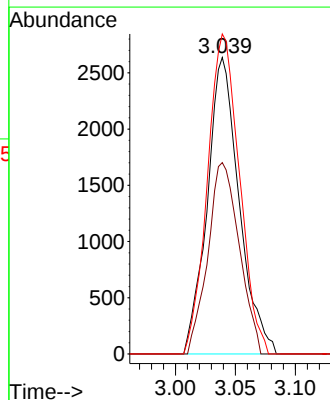
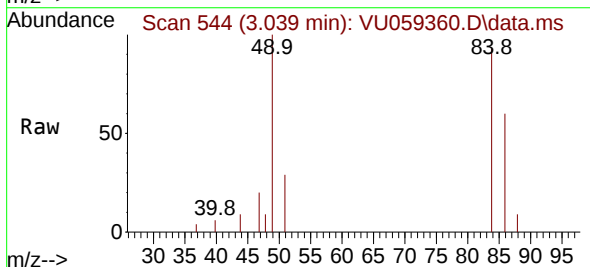
Instrument :
 MSVOA_U
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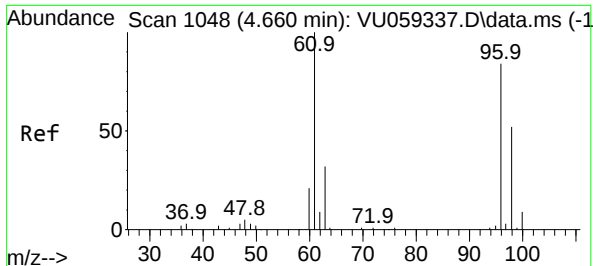
Tgt Ion: 62 Resp: 3557
 Ion Ratio Lower Upper
 62 100
 64 44.9 23.1 42.9#



#16
 Methylene chloride
 Concen: 0.410 ug/L
 RT: 3.039 min Scan# 544
 Delta R.T. -0.000 min
 Lab File: VU059360.D
 Acq: 19 Jun 2024 17:54

Tgt Ion: 84 Resp: 4872
 Ion Ratio Lower Upper
 84 100
 86 64.5 42.1 78.1
 49 107.9 80.6 149.8

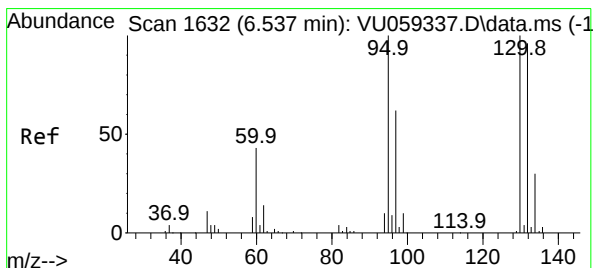
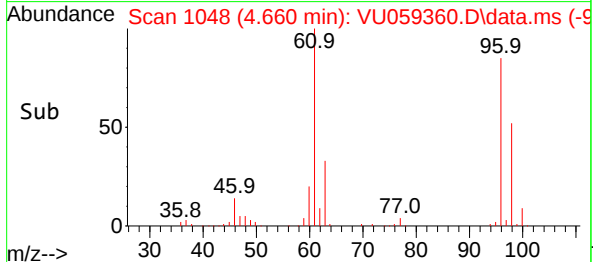
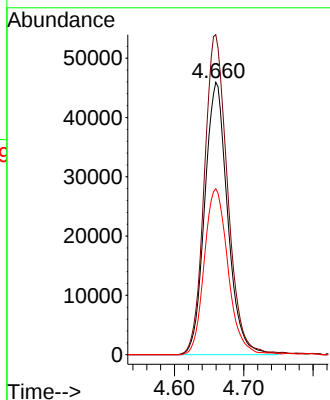
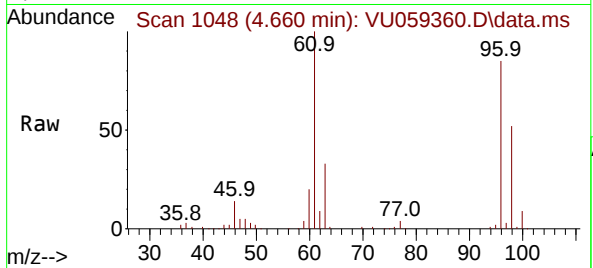




#22
cis-1,2-Dichloroethene
Concen: 9.176 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059360.D
Acq: 19 Jun 2024 17:54

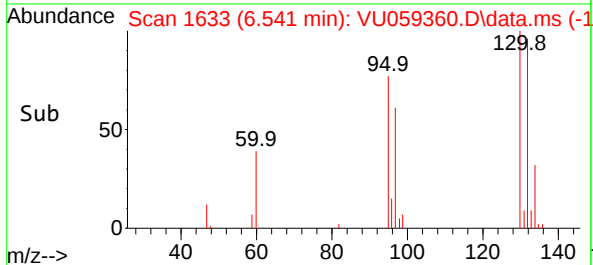
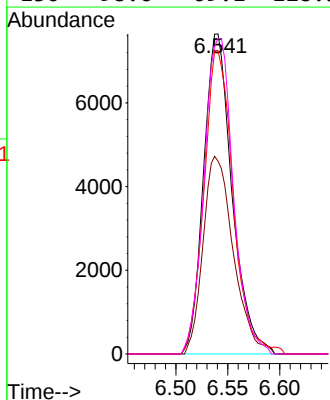
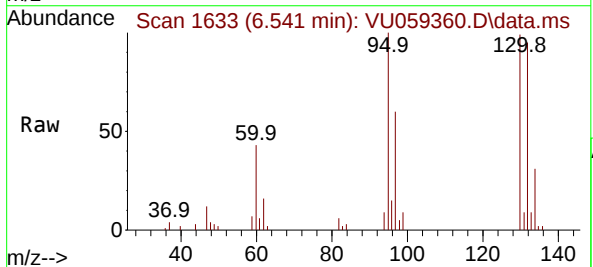
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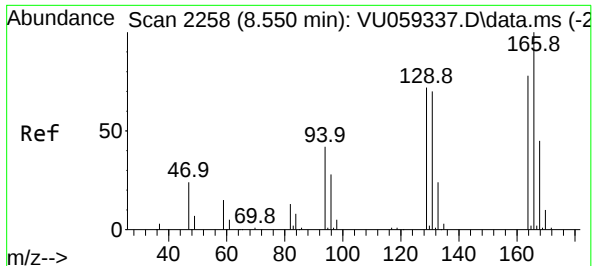
Tgt Ion: 96 Resp: 105574
Ion Ratio Lower Upper
96 100
61 117.5 87.4 162.2
98 60.9 42.3 78.5



#34
Trichloroethene
Concen: 1.201 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU059360.D
Acq: 19 Jun 2024 17:54

Tgt Ion: 95 Resp: 14572
Ion Ratio Lower Upper
95 100
97 60.3 45.3 84.1
132 94.8 64.0 119.0
130 98.6 69.1 128.3





#47
 Tetrachloroethene
 Concen: 12.693 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU059360.D
 Acq: 19 Jun 2024 17:54

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAS8

Tgt Ion:164 Resp: 119511

Ion	Ratio	Lower	Upper
164	100		
129	90.9	70.8	131.4
131	92.4	64.8	120.3
166	129.0	91.1	169.1

