

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053952.D
 Acq On : 27 Apr 2023 22:05
 Operator : JC/MD
 Sample : 02488-20 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE75

Quant Time: Apr 28 07:21:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

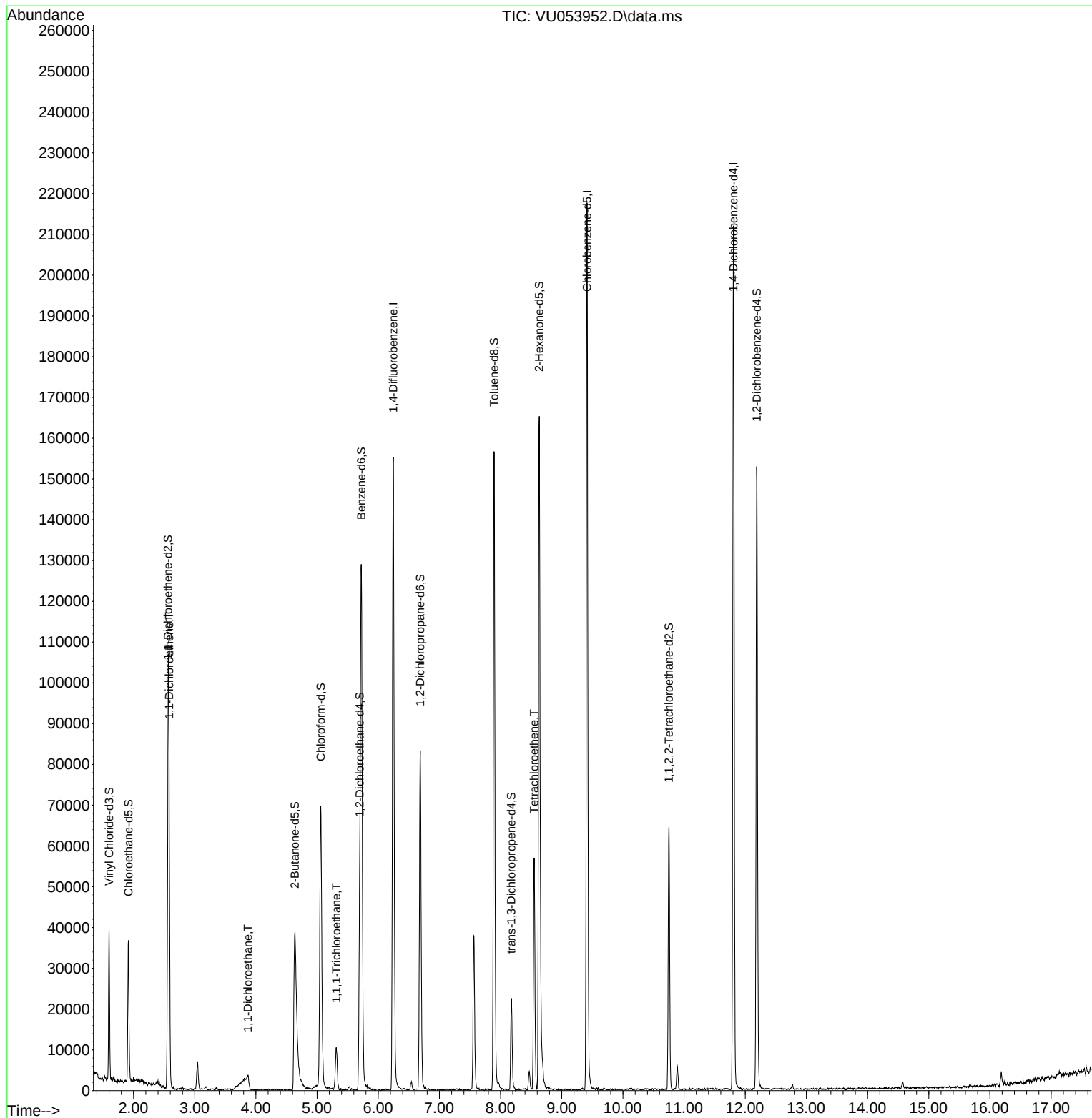
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136736	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130167	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	60709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27376	3.287	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.800%	
7) Chloroethane-d5	1.916	69	26345	3.769	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.400%	
11) 1,1-Dichloroethene-d2	2.565	65	12991	3.790	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	4.636	46	76487	50.141	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.280%	
24) Chloroform-d	5.060	84	68388	4.358	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
26) 1,2-Dichloroethane-d4	5.697	65	32374	4.464	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
32) Benzene-d6	5.723	84	131451	4.287	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	6.687	67	41474	4.471	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.893	98	113002	3.949	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.000%	
43) trans-1,3-Dichloroprop...	8.176	79	14059	3.853	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.000%	
46) 2-Hexanone-d5	8.632	63	61990	48.011	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.020%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33760	4.503	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	12.189	152	43618	4.480	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.600%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	20132	2.341	ug/L	89
19) 1,1-Dichloroethane	3.871	63	3781	0.240	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	7389	0.505	ug/L	95
47) Tetrachloroethene	8.549	164	12698	1.602	ug/L	94

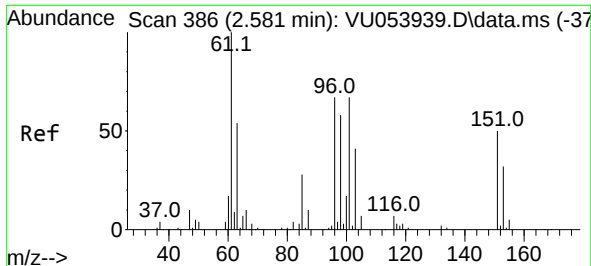
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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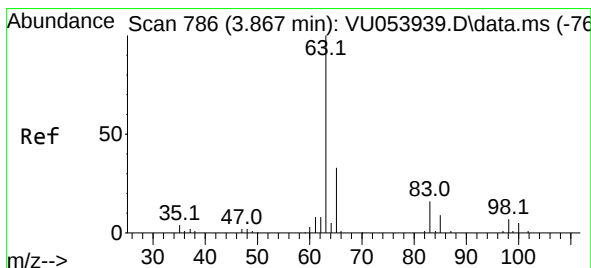
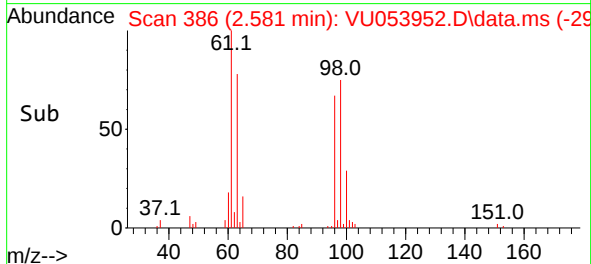
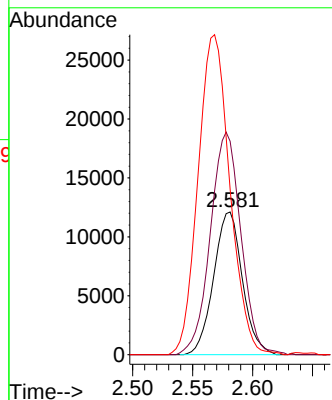
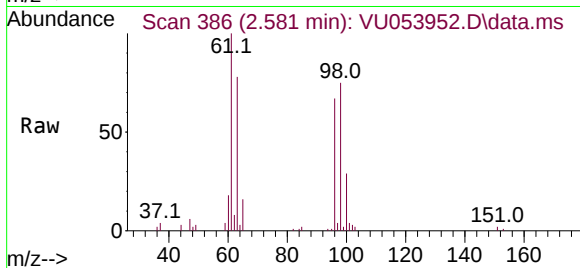




#12
1,1-Dichloroethene
Concen: 2.341 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053952.D
Acq: 27 Apr 2023 22:05

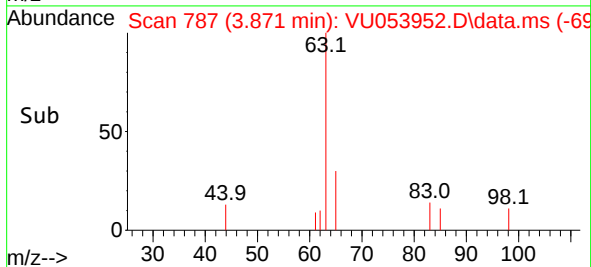
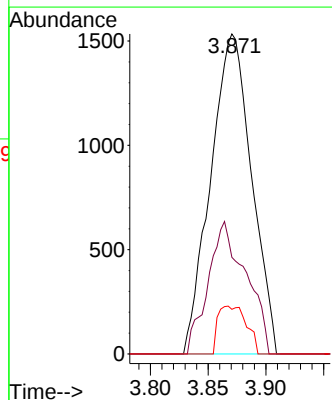
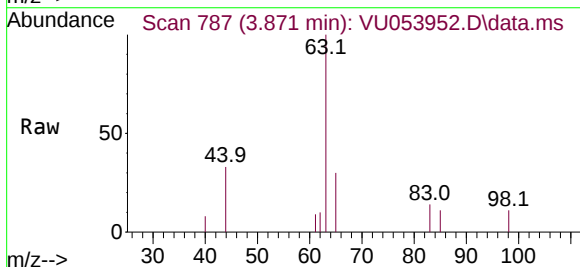
Instrument :
MSVOA_U
ClientSampleId :
BHE75

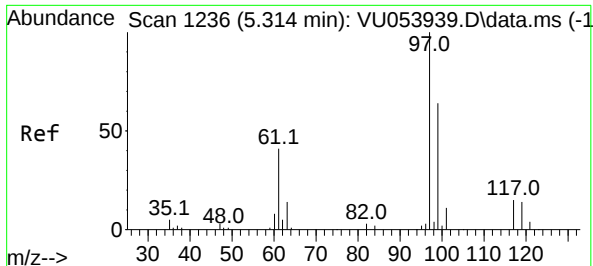
Tgt Ion: 96 Resp: 20132
Ion Ratio Lower Upper
96 100
61 149.5 111.5 207.1
63 115.9 68.7 127.7



#19
1,1-Dichloroethane
Concen: 0.240 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.007 min
Lab File: VU053952.D
Acq: 27 Apr 2023 22:05

Tgt Ion: 63 Resp: 3781
Ion Ratio Lower Upper
63 100
65 30.2 22.0 40.8
83 14.0 10.3 19.1

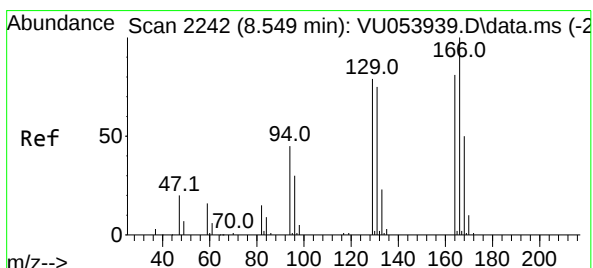
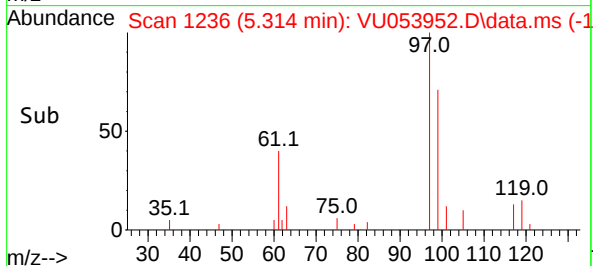
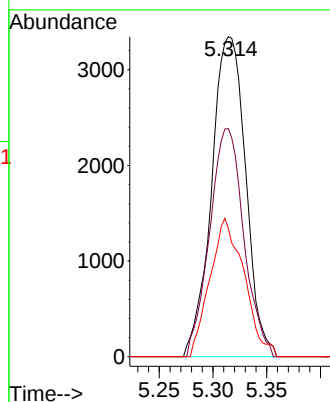
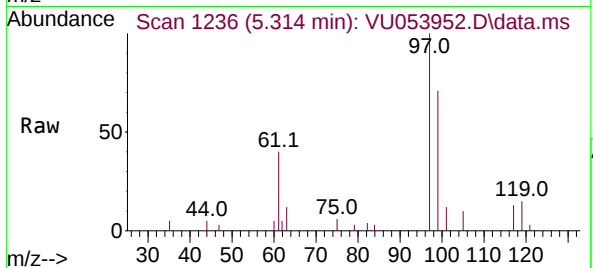




#29
1,1,1-Trichloroethane
Concen: 0.505 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053952.D
Acq: 27 Apr 2023 22:05

Instrument :
MSVOA_U
ClientSampleId :
BHE75

Tgt Ion: 97	Resp:	7389
Ion	Ratio	Lower Upper
97	100	
99	71.3	52.9 79.3
61	43.4	33.8 50.8



#47
Tetrachloroethene
Concen: 1.602 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053952.D
Acq: 27 Apr 2023 22:05

Tgt Ion: 164	Resp:	12698
Ion	Ratio	Lower Upper
164	100	
129	100.0	68.3 126.8
131	96.6	64.4 119.6
166	137.6	88.3 163.9

