

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020523\
 Data File : VU052966.D
 Acq On : 05 Feb 2023 20:12
 Operator : JC/MD
 Sample : 01444-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM16

Quant Time: Feb 05 22:00:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

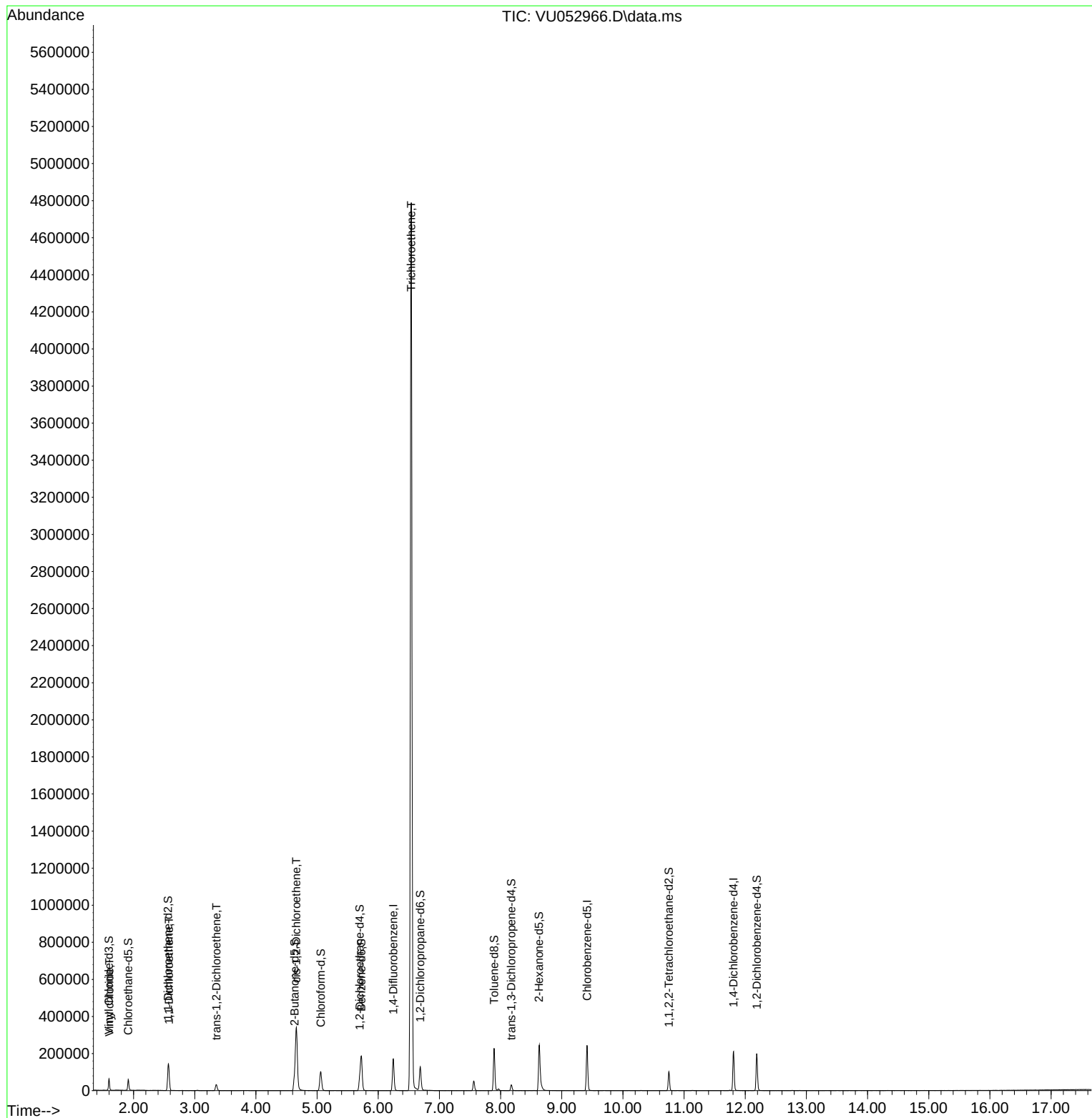
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	143379	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	144347	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61194	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39689	3.151	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.912	69	44363	4.323	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.565	65	20697	3.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	4.633	46	124195	36.875	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.740%
24) Chloroform-d	5.060	84	100517	4.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.697	65	49656	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.723	84	186990	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.687	67	60528	3.882	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.600%
41) Toluene-d8	7.896	98	155250	3.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.176	79	19812	3.417	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.629	63	81617	33.888	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.780%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	50541	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	55624	4.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	7319	0.409	ug/L	96
12) 1,1-Dichloroethene	2.578	96	22205	1.786	ug/L	# 63
18) trans-1,2-Dichloroethene	3.353	96	14499	1.144	ug/L	88
22) cis-1,2-Dichloroethene	4.662	96	173774	12.764	ug/L	91
34) Trichloroethene	6.539	95	1630871	120.674	ug/L	94

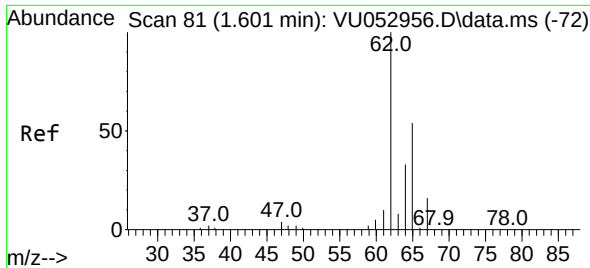
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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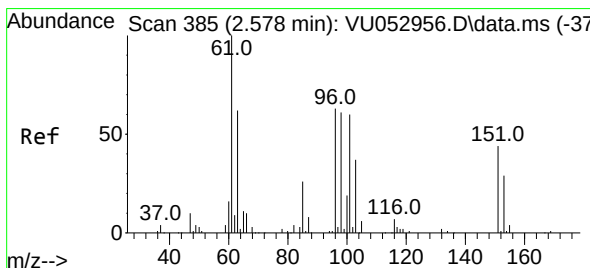
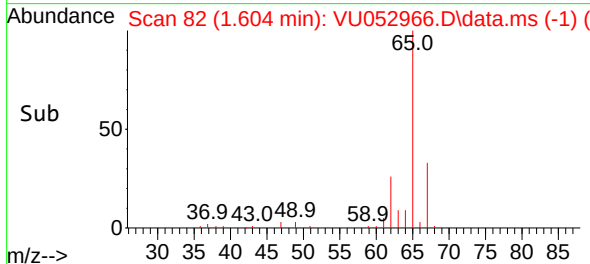
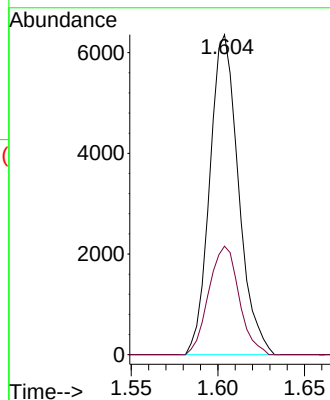
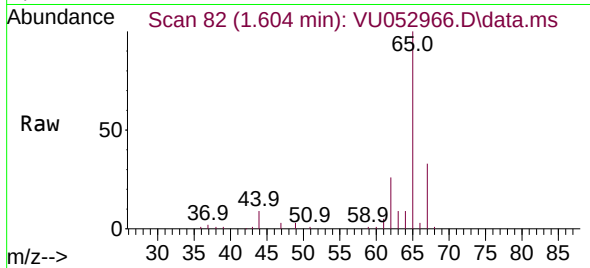




#5
 Vinyl chloride
 Concen: 0.409 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU052966.D
 Acq: 05 Feb 2023 20:12

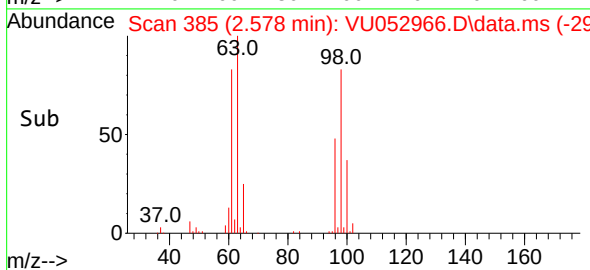
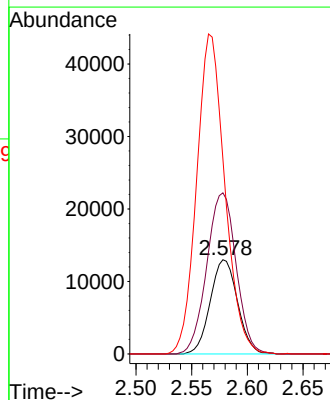
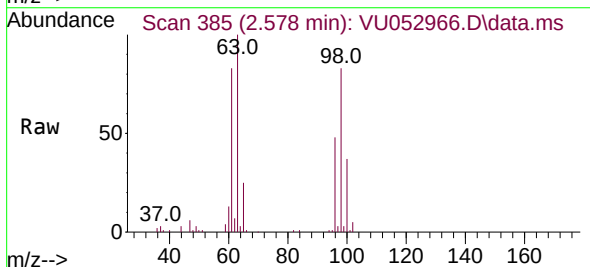
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 MSVOA_U
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 COM16

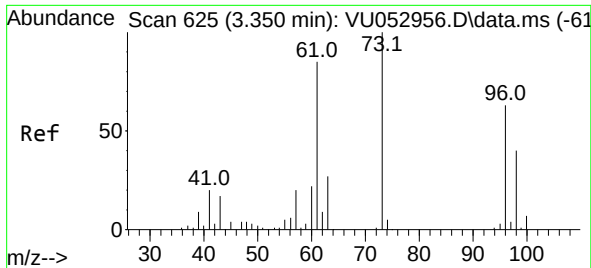
Tgt Ion: 62 Resp: 7319
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.3 41.3



#12
 1,1-Dichloroethene
 Concen: 1.786 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU052966.D
 Acq: 05 Feb 2023 20:12

Tgt Ion: 96 Resp: 22205
 Ion Ratio Lower Upper
 96 100
 61 171.0 129.6 240.8
 63 206.8 83.7 155.5#

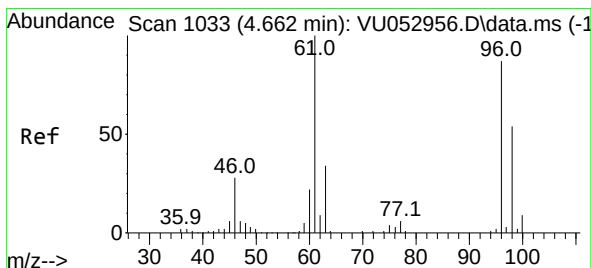
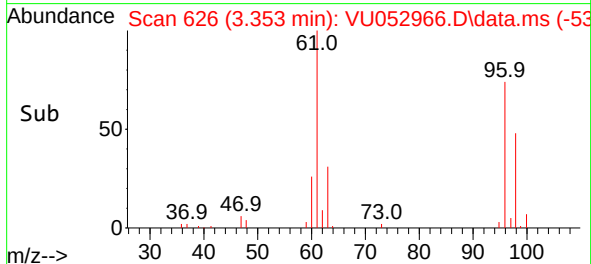
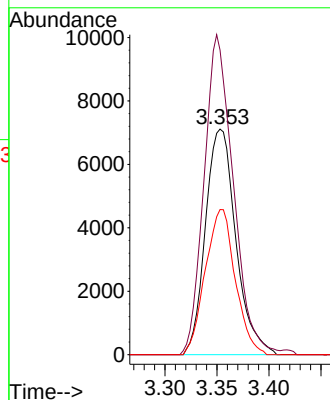
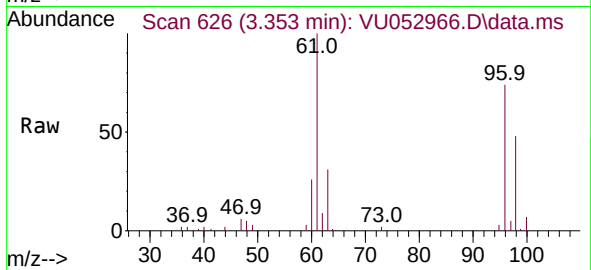




#18
trans-1,2-Dichloroethene
Concen: 1.144 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052966.D
Acq: 05 Feb 2023 20:12

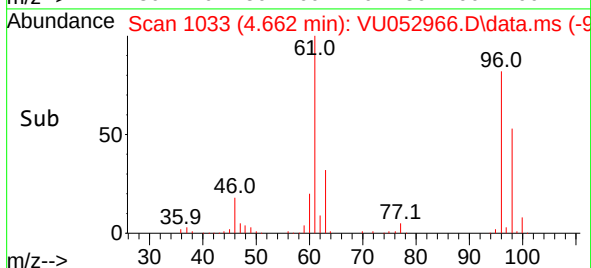
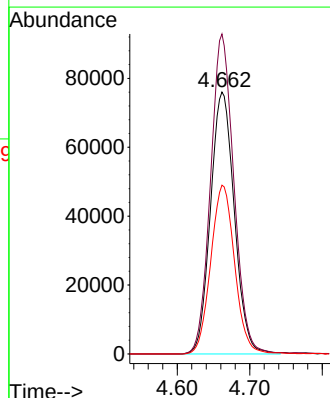
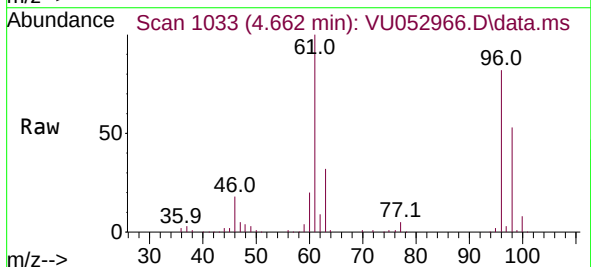
Instrument :
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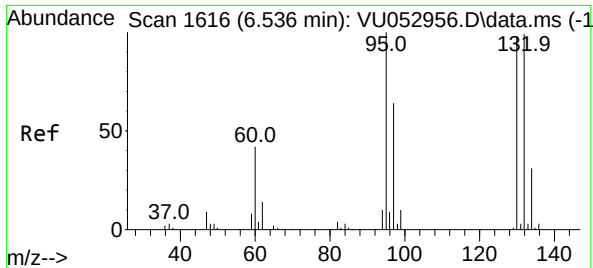
Tgt Ion: 96 Resp: 14499
Ion Ratio Lower Upper
96 100
61 135.1 108.4 201.4
98 64.3 43.8 81.4



#22
cis-1,2-Dichloroethene
Concen: 12.764 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU052966.D
Acq: 05 Feb 2023 20:12

Tgt Ion: 96 Resp: 173774
Ion Ratio Lower Upper
96 100
61 122.2 94.6 175.8
98 64.5 43.3 80.3





#34
 Trichloroethene
 Concen: 120.674 ug/L
 RT: 6.539 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU052966.D
 Acq: 05 Feb 2023 20:12

Instrument :
 MSVOA_U
 ClientSampleId :
 COM16

Tgt Ion: 95 Resp: 1630871

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.0	85.4
132	98.7	64.0	118.8
130	102.3	66.6	123.8

