

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055531.D
 Acq On : 26 Sep 2023 21:53
 Operator : MD/SY
 Sample : 04530-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHZ6

Quant Time: Sep 27 06:35:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

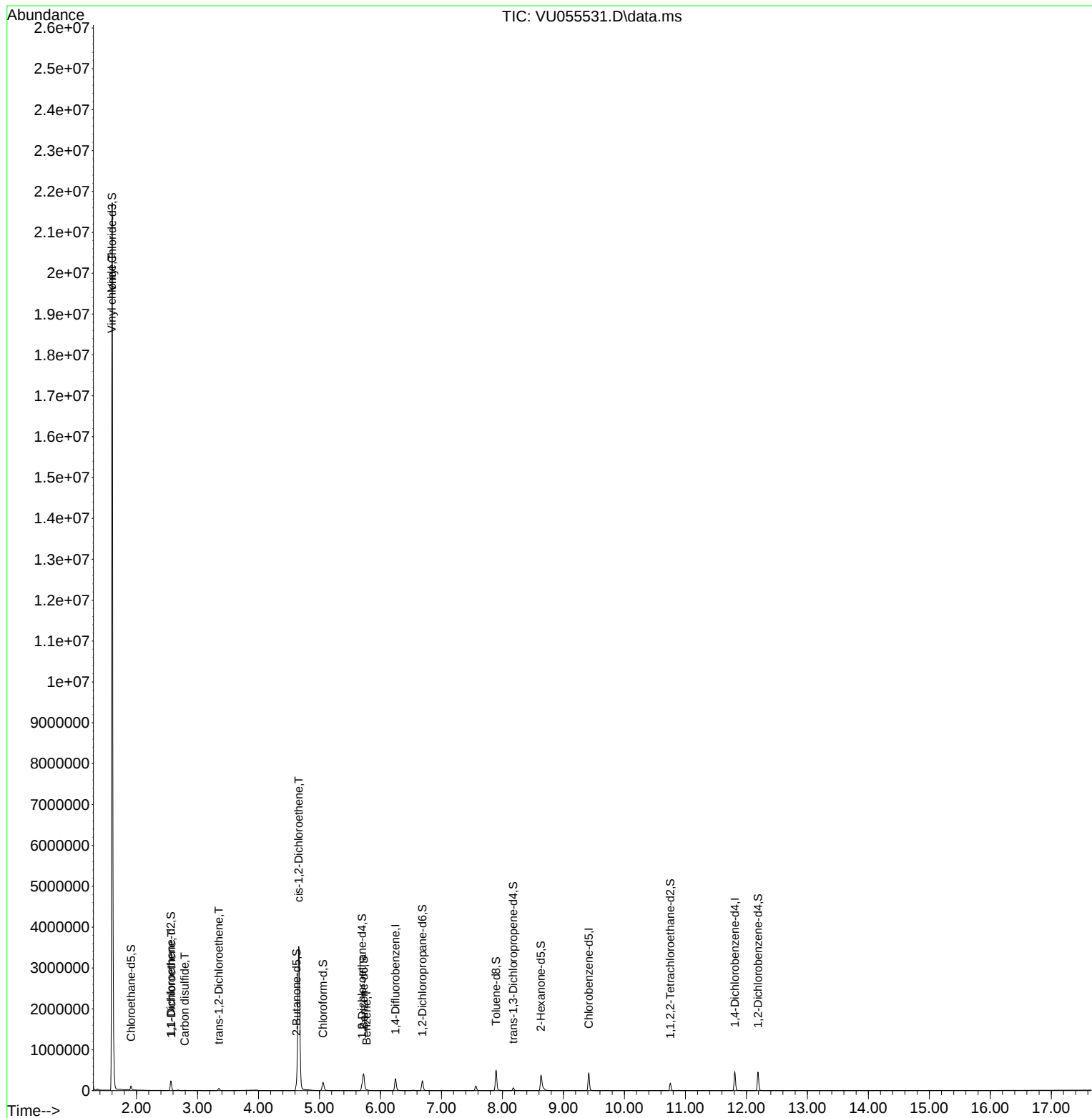
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	248199	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	254312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	128600	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	219229	8.739	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	174.800%#
7) Chloroethane-d5	1.910	69	68046	3.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.600%#
11) 1,1-Dichloroethene-d2	2.563	65	43499	4.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.624	46	205133	45.273	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.540%
24) Chloroform-d	5.058	84	196765	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.698	65	93523	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.724	84	410353	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.688	67	122889	4.624	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.894	98	350574	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.177	79	41863	4.488	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.630	63	121403	42.793	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.580%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93159	4.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	126840	4.887	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.595	62	13345720	581.924	ug/L #	82
12) 1,1-Dichloroethene	2.570	96	2875	0.166	ug/L #	1
14) Carbon disulfide	2.791	76	11410	0.219	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	23072	1.319	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	1950407	96.180	ug/L	98
33) Benzene	5.772	78	18859	0.258	ug/L	100

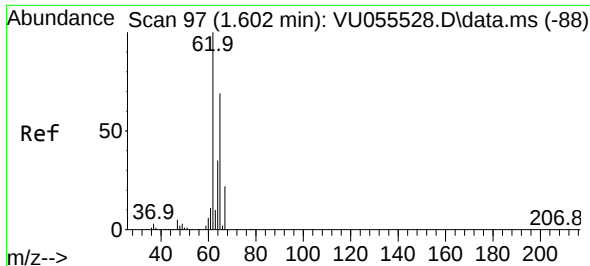
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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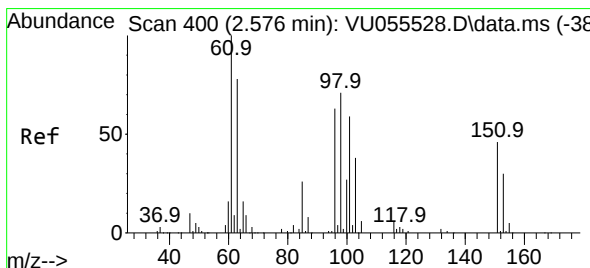
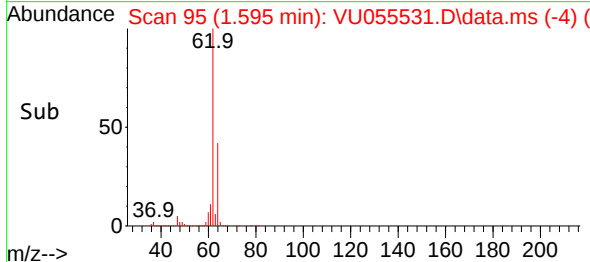
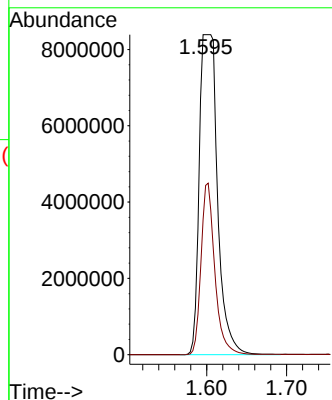
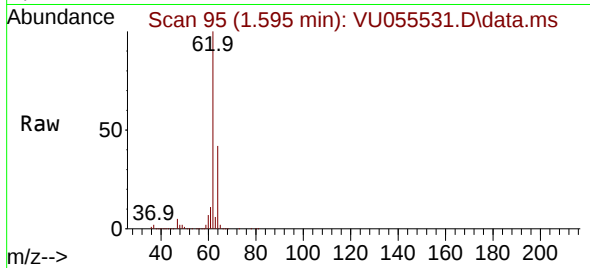




#5
 Vinyl chloride
 Concen: 581.924 ug/L
 RT: 1.595 min Scan# 91
 Delta R.T. -0.007 min
 Lab File: VU055531.D
 Acq: 26 Sep 2023 21:53

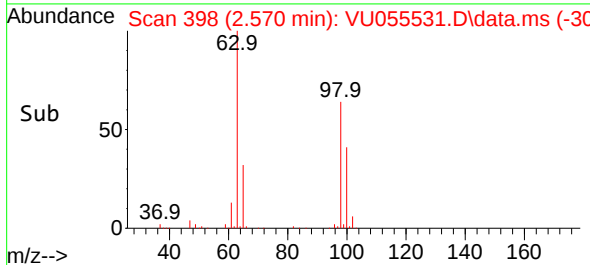
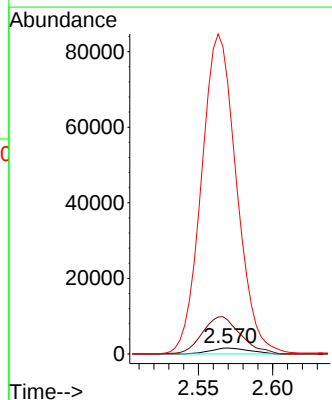
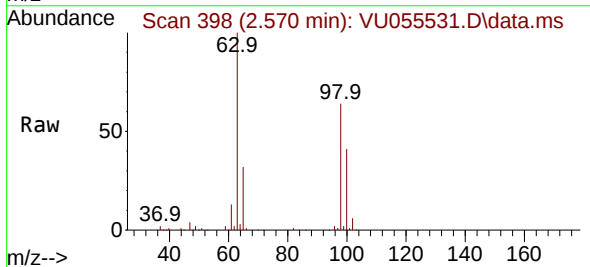
Instrument :
 MSVOA_U
 ClientSampleId :
 EYHZ6

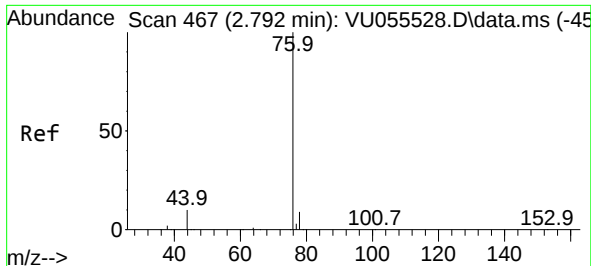
Tgt Ion: 62 Resp:13345720
 Ion Ratio Lower Upper
 62 100
 64 42.2 22.3 41.5#



#12
 1,1-Dichloroethene
 Concen: 0.166 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.007 min
 Lab File: VU055531.D
 Acq: 26 Sep 2023 21:53

Tgt Ion: 96 Resp: 2875
 Ion Ratio Lower Upper
 96 100
 61 576.6 114.5 212.7#
 63 4603.9 98.3 182.5#

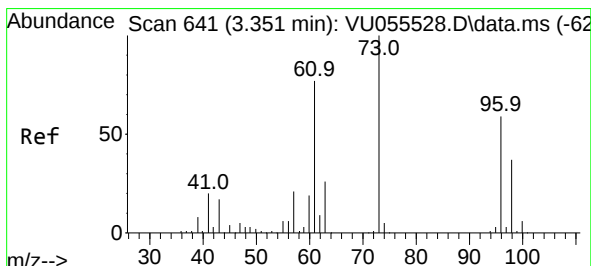
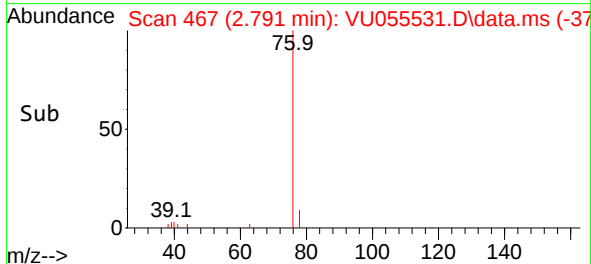
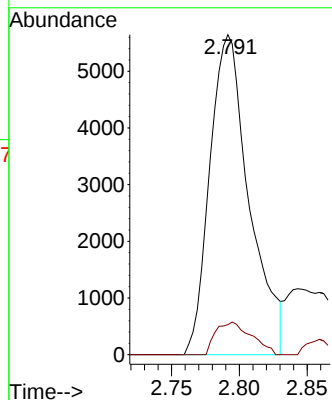
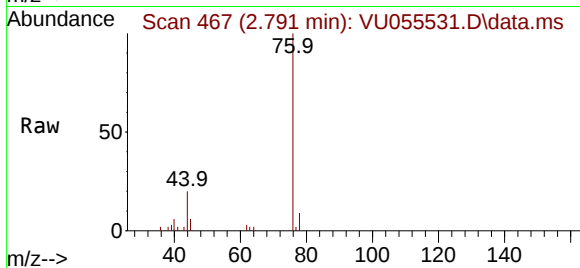




#14
Carbon disulfide
Concen: 0.219 ug/L
RT: 2.791 min Scan# 467
Delta R.T. -0.000 min
Lab File: VU055531.D
Acq: 26 Sep 2023 21:53

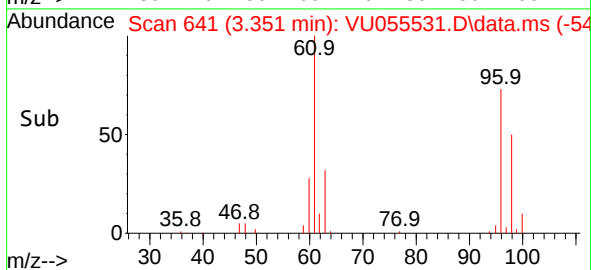
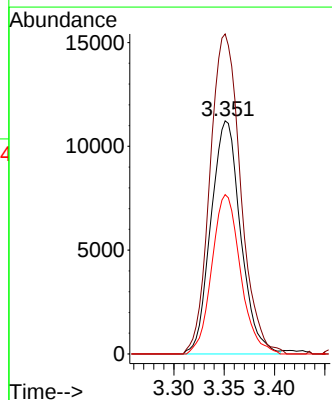
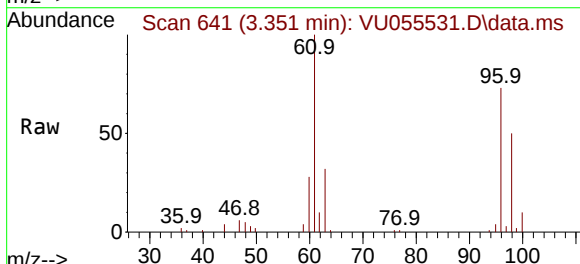
Instrument :
MSVOA_U
ClientSampleId :
EYHZ6

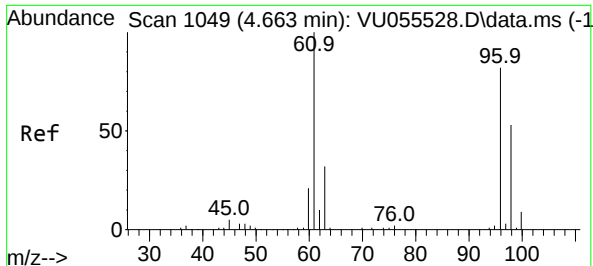
Tgt Ion: 76 Resp: 11410
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5



#18
trans-1,2-Dichloroethene
Concen: 1.319 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055531.D
Acq: 26 Sep 2023 21:53

Tgt Ion: 96 Resp: 23072
Ion Ratio Lower Upper
96 100
61 137.3 94.6 175.6
98 68.4 45.7 84.9



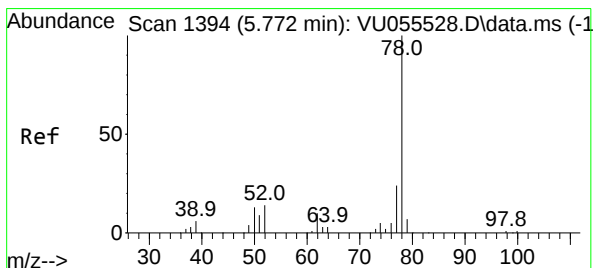
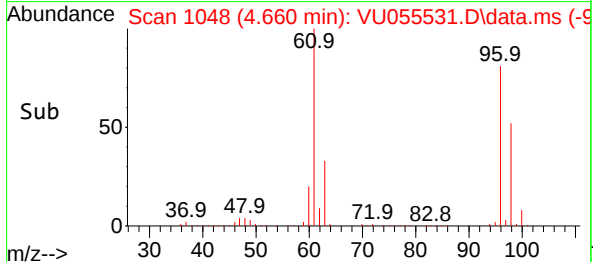
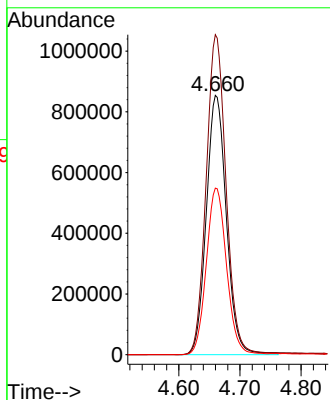
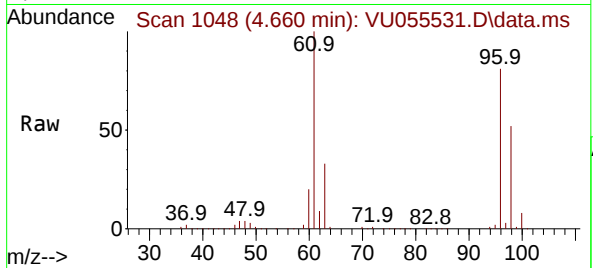


#22
 cis-1,2-Dichloroethene
 Concen: 96.180 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU055531.D
 Acq: 26 Sep 2023 21:53

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHZ6

Tgt Ion: 96 Resp: 1950407

Ion	Ratio	Lower	Upper
96	100		
61	123.4	87.8	163.2
98	64.2	44.4	82.4



#33
 Benzene
 Concen: 0.258 ug/L
 RT: 5.772 min Scan# 1394
 Delta R.T. -0.000 min
 Lab File: VU055531.D
 Acq: 26 Sep 2023 21:53

Tgt Ion: 78 Resp: 18859

