

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055532.D
 Acq On : 26 Sep 2023 22:17
 Operator : MD/SY
 Sample : 04530-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ03

Quant Time: Sep 27 06:35:43 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)

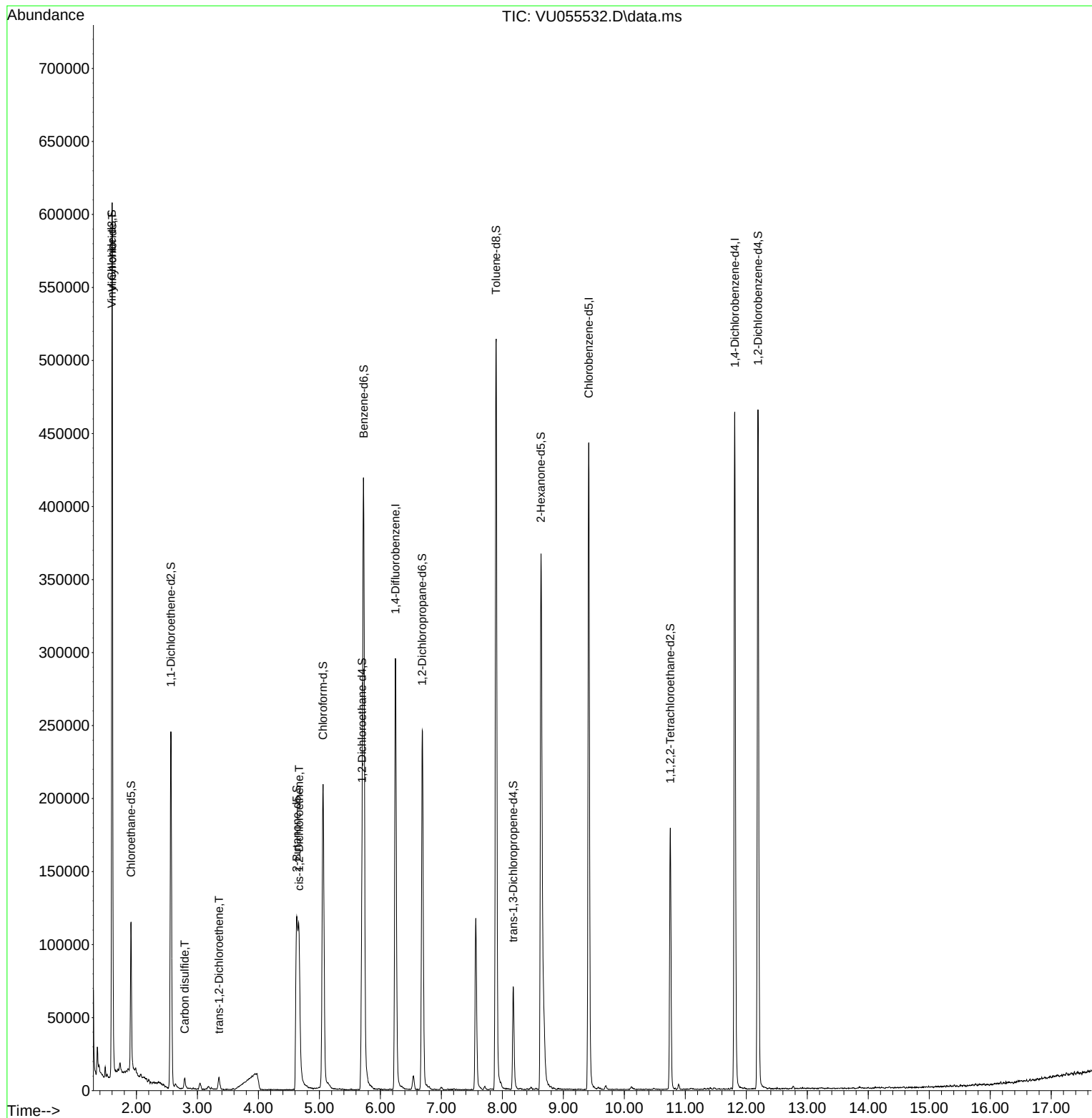
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	252302	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	262339	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	131461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	105177	4.125	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.911	69	71393	3.177	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.600%#
11) 1,1-Dichloroethene-d2	2.563	65	45861	4.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.628	46	196007	42.556	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.120%
24) Chloroform-d	5.059	84	202634	4.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.698	65	95574	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.724	84	420197	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.686	67	128321	4.680	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.898	98	365659	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.177	79	43587	4.530	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.631	63	119467	40.822	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.640%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	92125	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	130714	4.926	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	346260	14.853	ug/L	98
14) Carbon disulfide	2.792	76	9683	0.183	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	3709	0.209	ug/L	92
22) cis-1,2-Dichloroethene	4.666	96	43839	2.127	ug/L	97

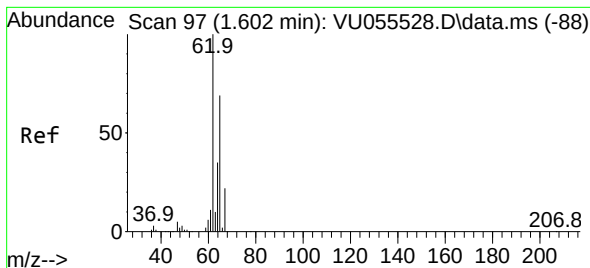
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 14.853 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

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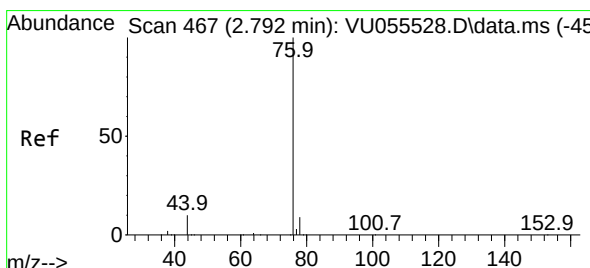
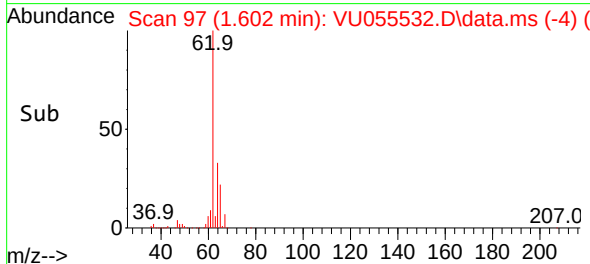
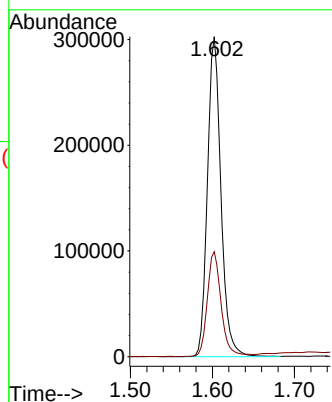
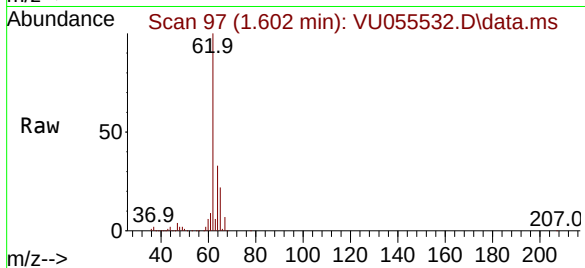
EYJ03

Tgt Ion: 62 Resp: 346260

Ion Ratio Lower Upper

62 100

64 32.8 22.3 41.5



#14

Carbon disulfide

Concen: 0.183 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

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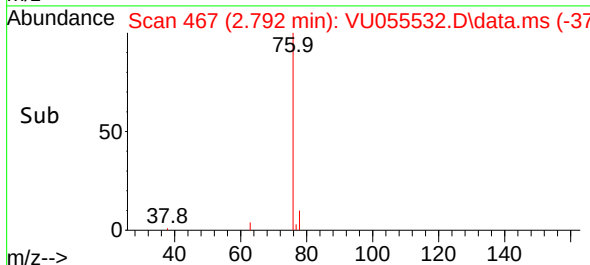
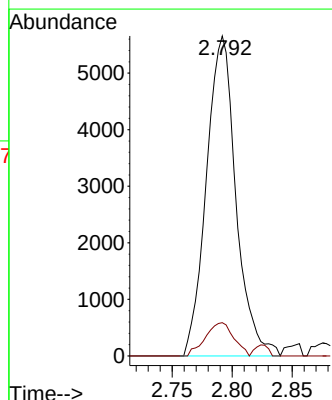
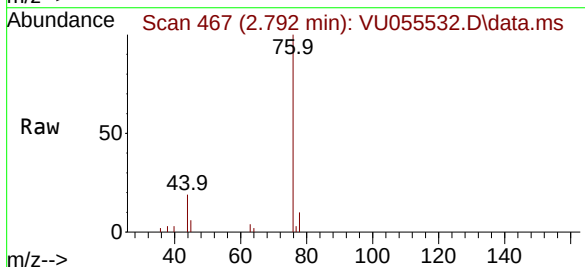
Acq: 26 Sep 2023 22:17

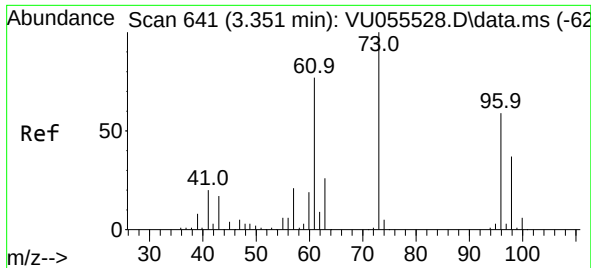
Tgt Ion: 76 Resp: 9683

Ion Ratio Lower Upper

76 100

78 10.4 7.7 11.5

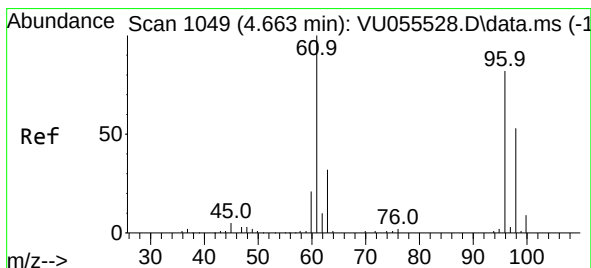
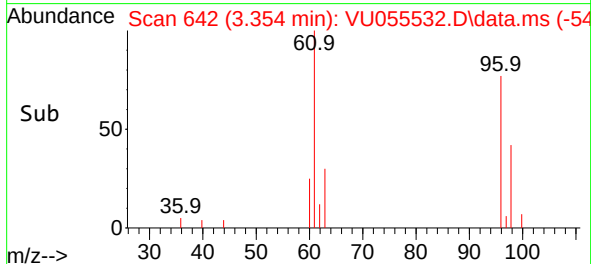
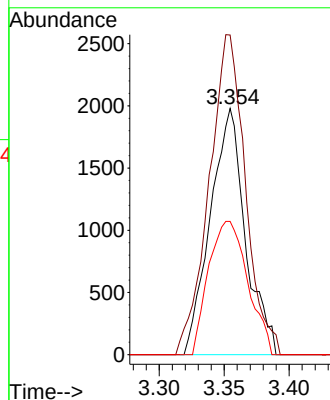
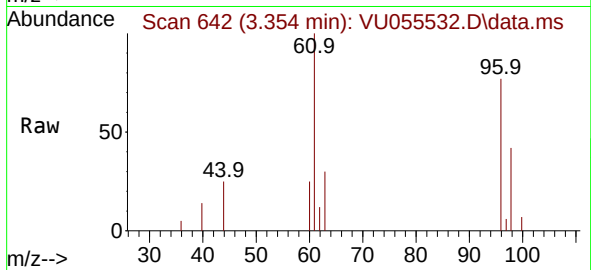




#18
trans-1,2-Dichloroethene
Concen: 0.209 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
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EYJ03

Tgt Ion: 96 Resp: 3709
Ion Ratio Lower Upper
96 100
61 129.8 94.6 175.6
98 54.1 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 2.127 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055532.D
Acq: 26 Sep 2023 22:17

Tgt Ion: 96 Resp: 43839
Ion Ratio Lower Upper
96 100
61 121.4 87.8 163.2
98 61.3 44.4 82.4

