

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092123\
 Data File : VU055445.D
 Acq On : 21 Sep 2023 14:06
 Operator : MD/SY
 Sample : 04562-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCJL2

Quant Time: Sep 22 02:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 22 02:32:08 2023
 Response via : Initial Calibration

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

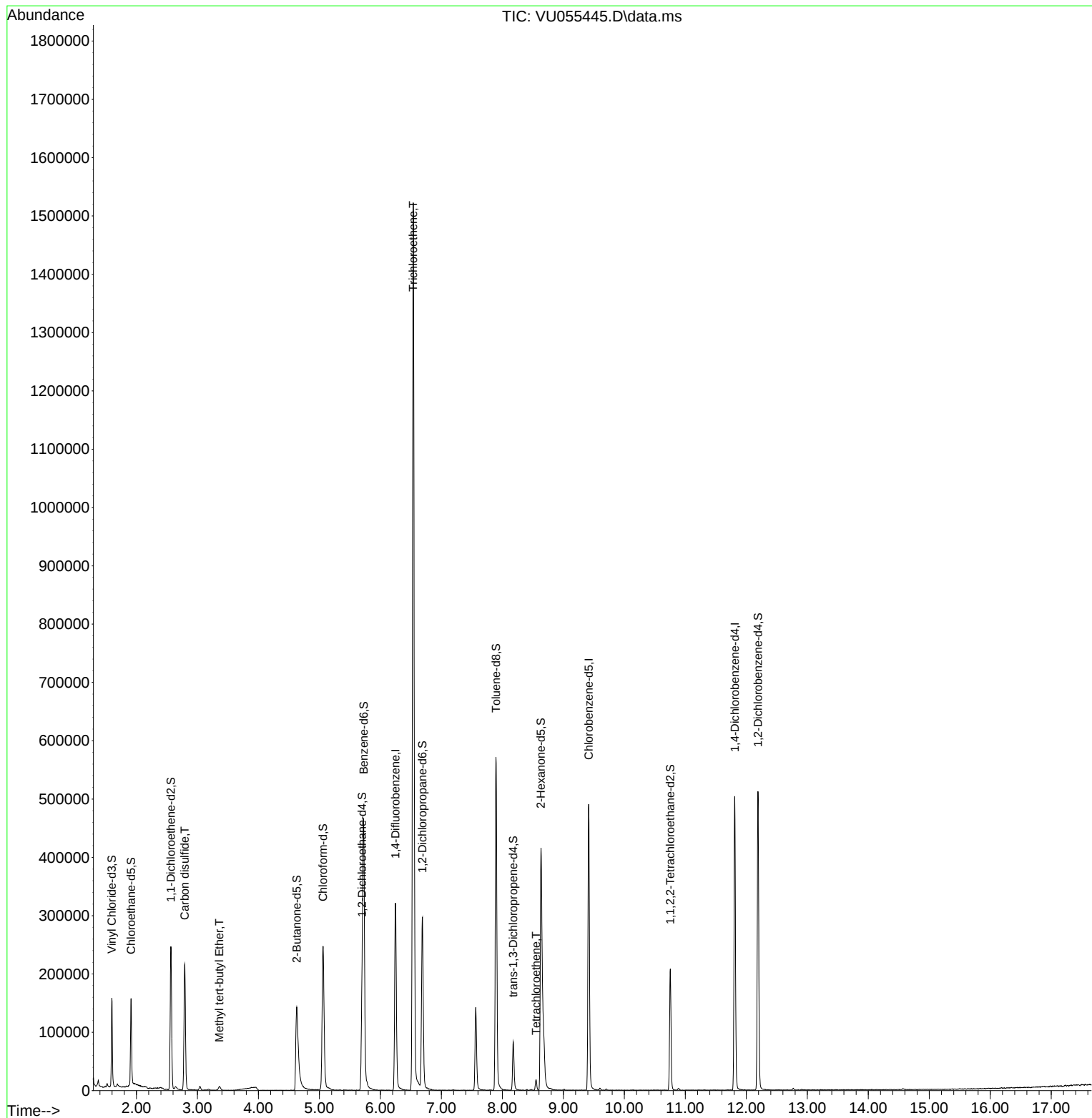
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	268633	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	278611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	134356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	106139	3.909	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.911	69	102614	4.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.564	65	46275	4.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.628	46	249524	50.882	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.760%
24) Chloroform-d	5.059	84	232478	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.699	65	120191	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.724	84	455609	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.689	67	142072	4.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.895	98	391097	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.178	79	49206	4.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.631	63	129929	41.804	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	104080	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	138634	5.112	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						Qvalue
14) Carbon disulfide	2.792	76	285966	5.065	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	7328	0.180	ug/L	95
34) Trichloroethene	6.538	95	530515	23.388	ug/L	99
47) Tetrachloroethene	8.554	164	3766	0.231	ug/L	86

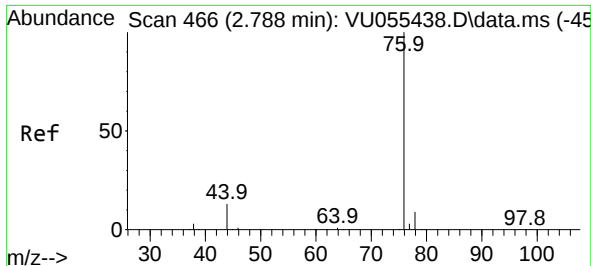
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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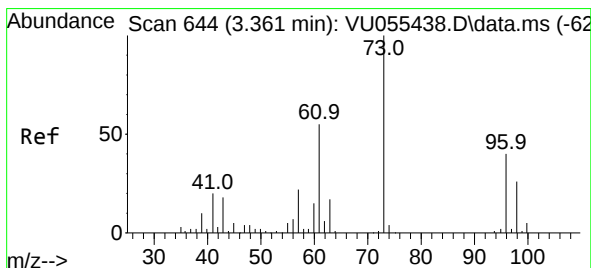
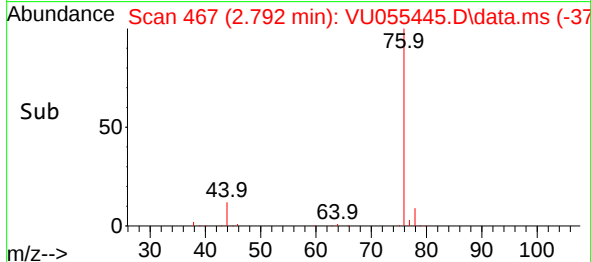
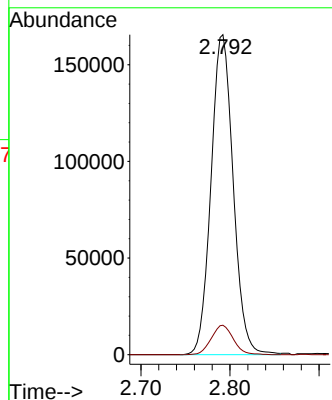
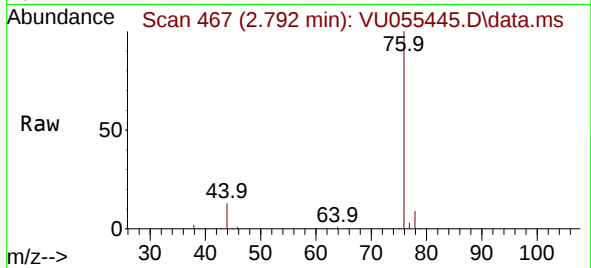




#14
Carbon disulfide
Concen: 5.065 ug/L
RT: 2.792 min Scan# 41
Delta R.T. 0.004 min
Lab File: VU055445.D
Acq: 21 Sep 2023 14:06

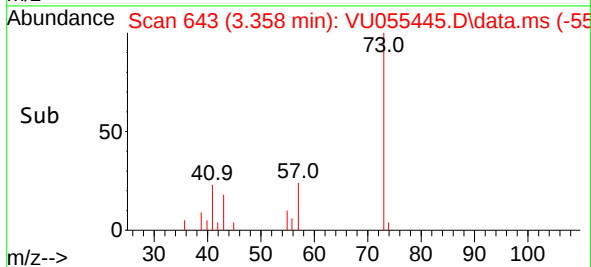
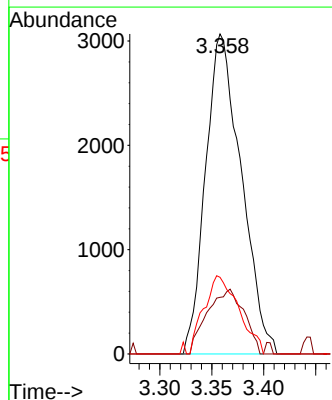
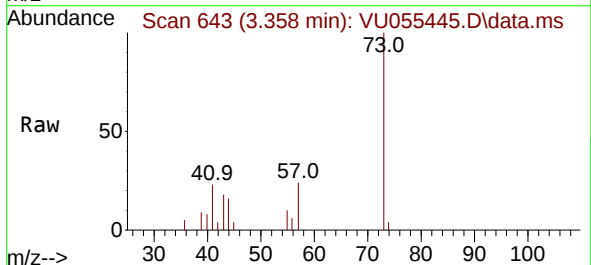
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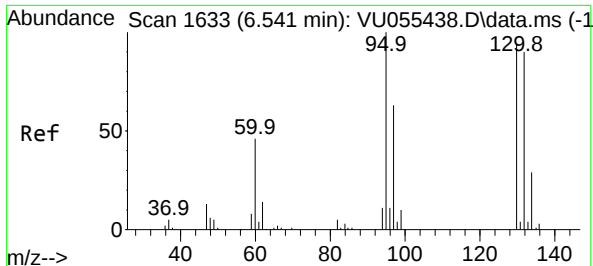
Tgt Ion: 76 Resp: 285966
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5



#17
Methyl tert-butyl Ether
Concen: 0.180 ug/L
RT: 3.358 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU055445.D
Acq: 21 Sep 2023 14:06

Tgt Ion: 73 Resp: 7328
Ion Ratio Lower Upper
73 100
43 20.9 14.9 22.3
57 23.8 17.3 25.9

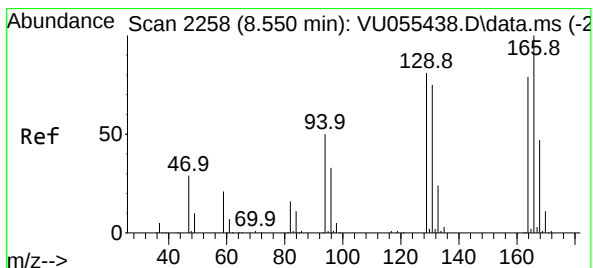
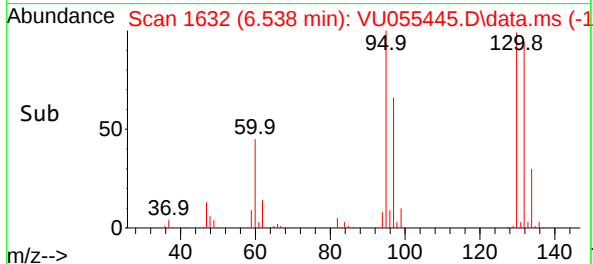
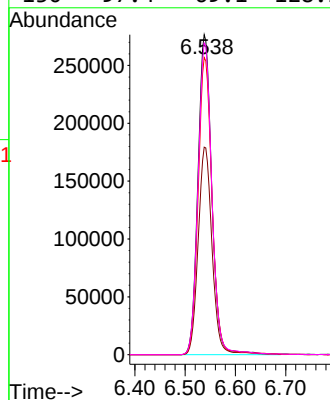
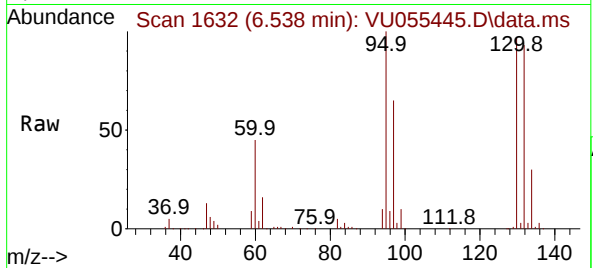




#34
Trichloroethene
Concen: 23.388 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055445.D
Acq: 21 Sep 2023 14:06

Instrument :
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Tgt Ion: 95 Resp: 530515
Ion Ratio Lower Upper
95 100
97 64.8 45.4 84.2
132 92.8 65.2 121.2
130 97.4 69.1 128.3



#47
Tetrachloroethene
Concen: 0.231 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.004 min
Lab File: VU055445.D
Acq: 21 Sep 2023 14:06

Tgt Ion: 164 Resp: 3766
Ion Ratio Lower Upper
164 100
129 109.4 67.4 125.2
131 108.5 66.4 123.2
166 142.6 88.8 165.0

