

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053920.D
 Acq On : 26 Apr 2023 17:43
 Operator : JC/MD
 Sample : 02488-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE64

Quant Time: Apr 27 05:57:28 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)

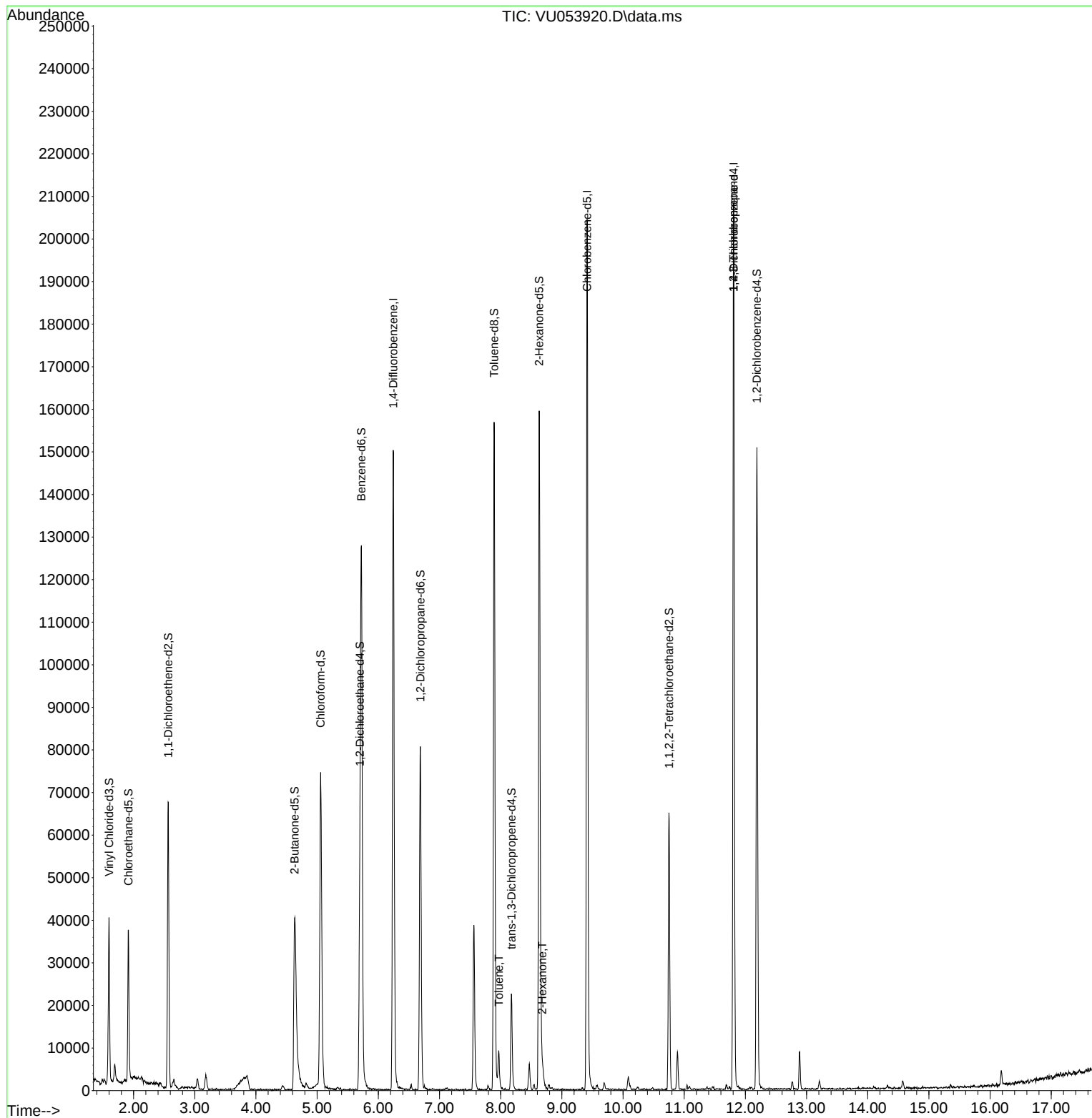
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	129590	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	121663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	57699	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28433	3.602	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.916	69	26824	4.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.565	65	12486	3.844	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	4.633	46	71265	49.294	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.580%
24) Chloroform-d	5.057	84	66242	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.700	65	31093	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.723	84	128410	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.687	67	39482	4.553	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.893	98	111047	4.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.176	79	14083	4.130	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.629	63	58388	48.382	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.760%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	31702	4.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	42429	4.585	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
42) Toluene	7.970	91	6737	0.185	ug/L	90
48) 2-Hexanone	8.681	43	2570	0.881	ug/L #	78
61) 1,2,3-Trichloropropane	11.806	75	6981	1.569	ug/L #	65

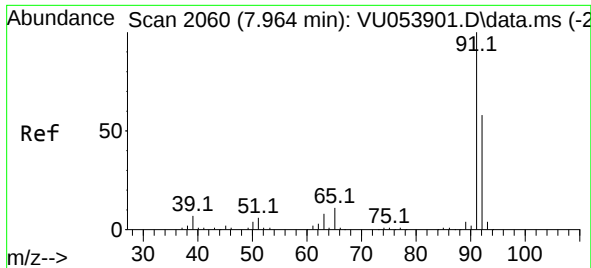
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

Toluene

Concen: 0.185 ug/L

RT: 7.970 min Scan# 2060

Delta R.T. 0.007 min

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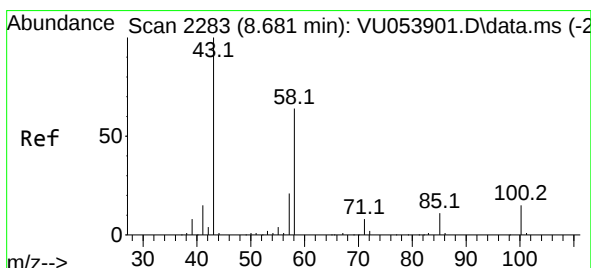
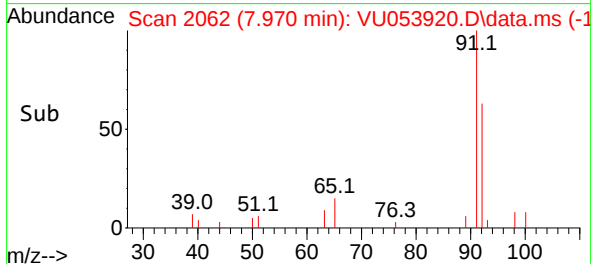
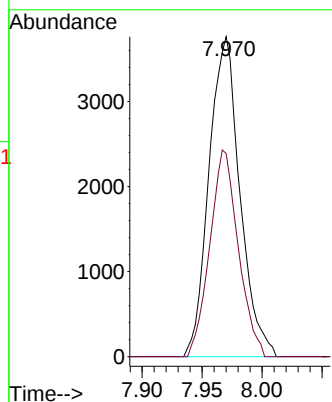
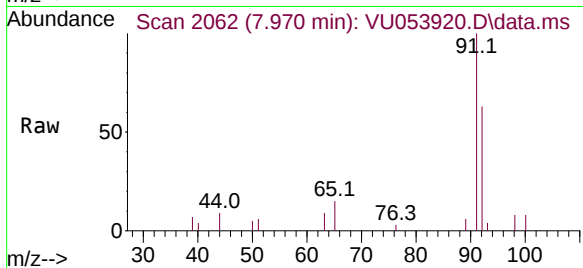
BHE64

Tgt Ion: 91 Resp: 6737

Ion Ratio Lower Upper

91 100

92 63.5 39.5 73.3



#48

2-Hexanone

Concen: 0.881 ug/L

RT: 8.681 min Scan# 2283

Delta R.T. 0.000 min

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Tgt Ion: 43 Resp: 2570

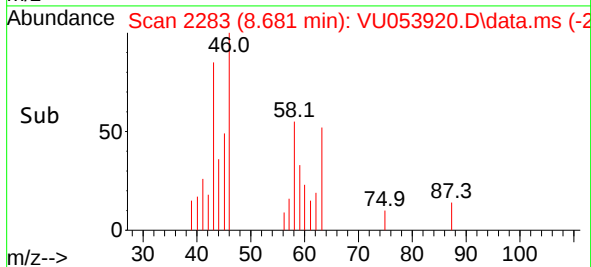
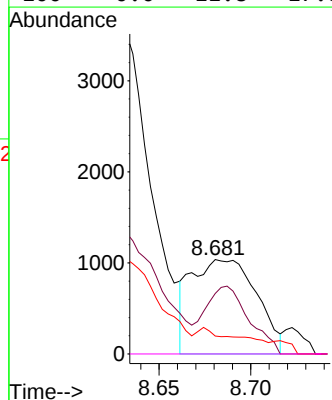
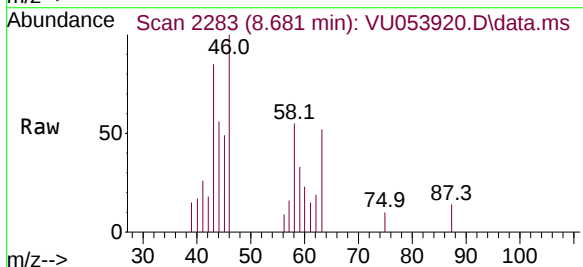
Ion Ratio Lower Upper

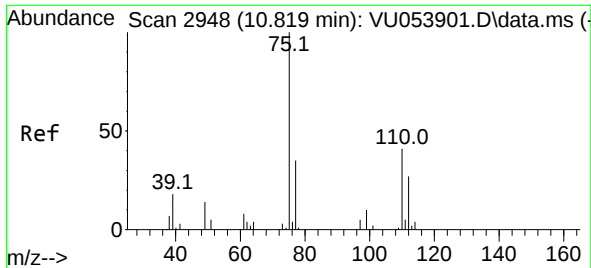
43 100

58 48.2 49.8 74.6#

57 9.3 16.9 25.3#

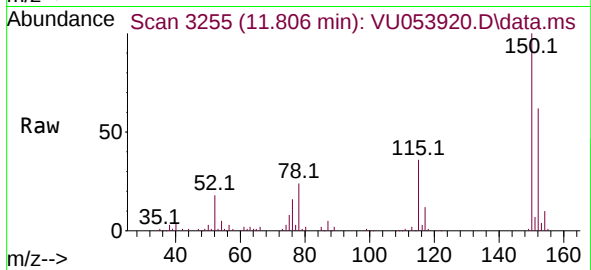
100 0.0 11.8 17.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.569 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
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Tgt Ion: 75 Resp: 6981
 Ion Ratio Lower Upper
 75 100
 110 0.7 30.7 46.1#
 77 30.9 26.2 39.4

