

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045145.D
 Acq On : 05 Oct 2021 15:20
 Operator : SY/MD
 Sample : M3996-07DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A24DL

Quant Time: Oct 06 01:45:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

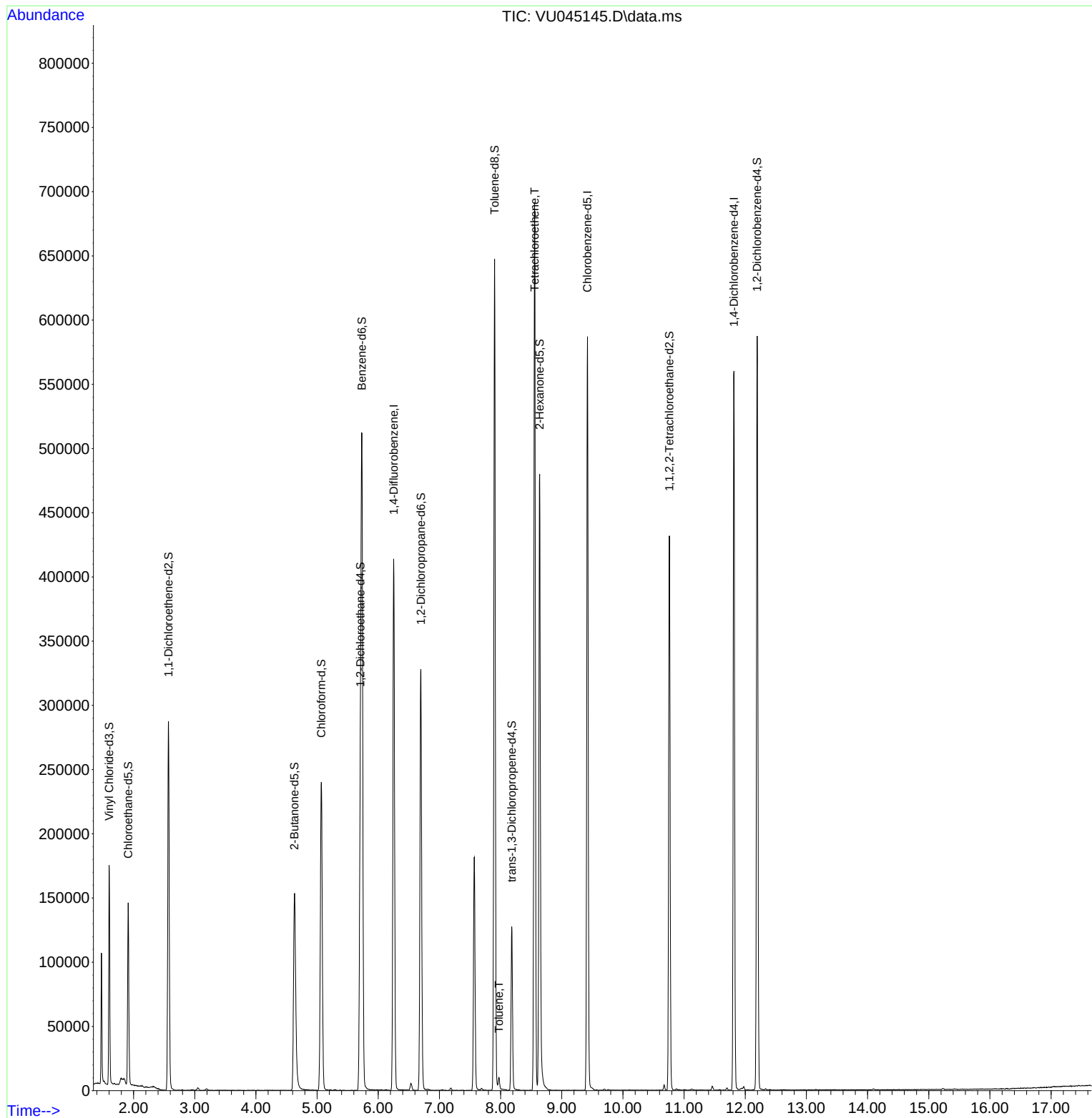
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	327660	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	305566	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	137915	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	120686	33.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.30%
7) Chloroethane-d5	1.912	69	106477	37.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.92%
11) 1,1-Dichloroethene-d2	2.572	63	171732	28.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.02%#
21) 2-Butanone-d5	4.629	46	238565	84.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.13%
24) Chloroform-d	5.070	84	220384	38.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.80%
26) 1,2-Dichloroethane-d4	5.706	65	156116	40.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.36%
32) Benzene-d6	5.732	84	458941	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.56%
36) 1,2-Dichloropropane-d6	6.697	67	145541	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.20%
41) Toluene-d8	7.902	98	405981	44.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.74%
43) trans-1,3-Dichloroprop...	8.182	79	67468	43.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.74%
47) 2-Hexanone-d5	8.639	63	169073	88.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.25%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	216727	40.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.52%
66) 1,2-Dichlorobenzene-d4	12.195	152	143271	47.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.46%
Target Compounds						
42) Toluene	7.973	91	6122	0.53	ug/L	94
46) Tetrachloroethene	8.555	164	145487	74.77	ug/L	97

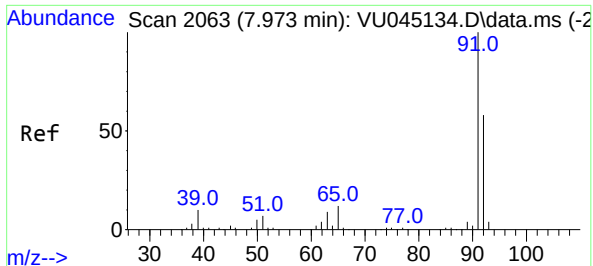
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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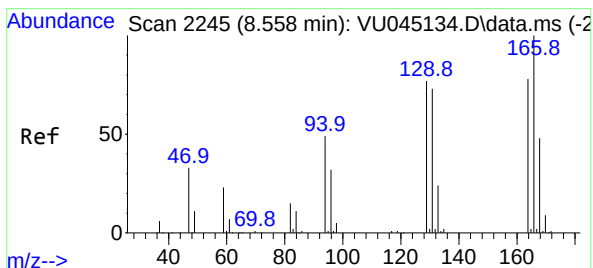
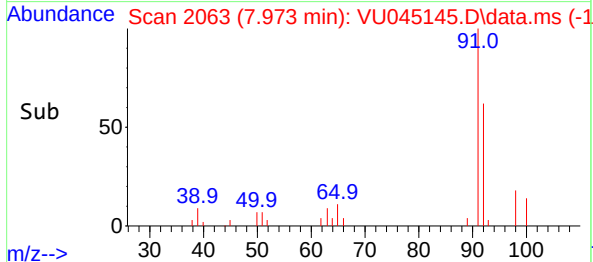
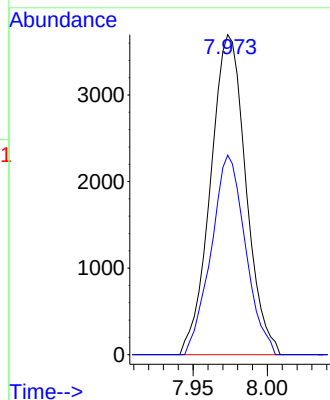
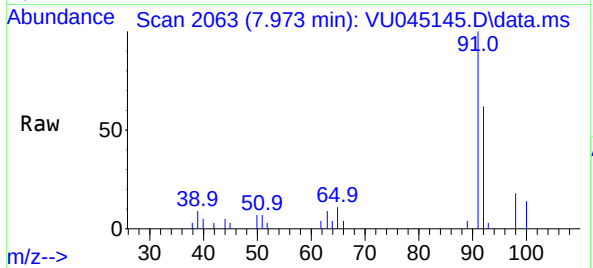




#42
Toluene
Concen: 0.53 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045145.D
Acq: 05 Oct 2021 15:20

Instrument :
MSVOA_U
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Tgt Ion: 91 Resp: 6122
Ion Ratio Lower Upper
91 100
92 62.3 40.5 75.1



#46
Tetrachloroethene
Concen: 74.77 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045145.D
Acq: 05 Oct 2021 15:20

Tgt Ion: 164 Resp: 145487
Ion Ratio Lower Upper
164 100
129 96.2 69.8 129.6
131 92.4 66.4 123.2
166 125.9 91.1 169.3

