

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051092.D
 Acq On : 03 Oct 2022 19:02
 Operator : JC/MD
 Sample : N4854-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J33

Quant Time: Oct 03 23:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

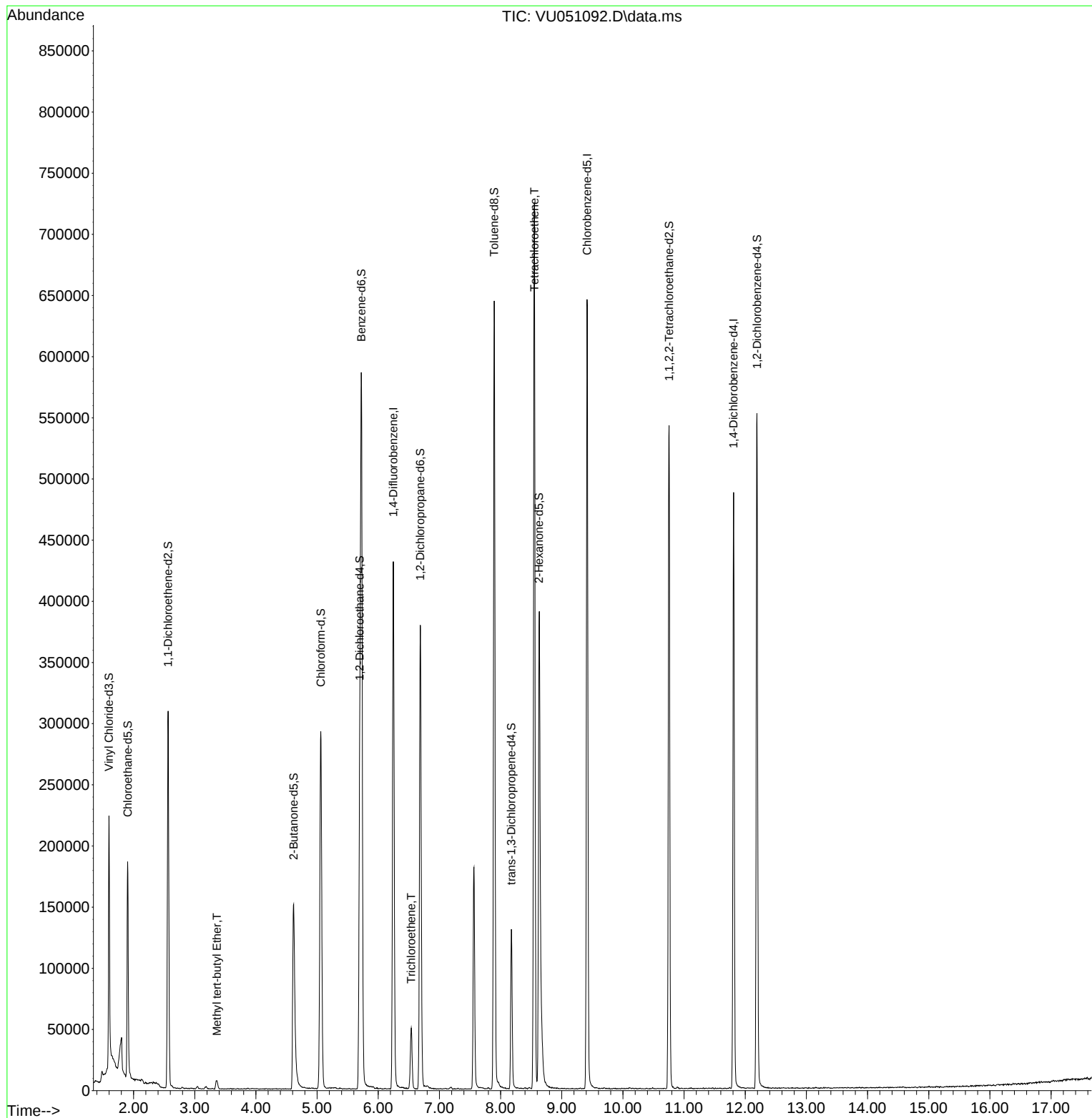
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	344186	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	361269	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	127778	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	147337	42.239	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.480%
7) Chloroethane-d5	1.903	69	134245	41.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.860%
11) 1,1-Dichloroethene-d2	2.565	63	182893	35.496	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.000%
21) 2-Butanone-d5	4.617	46	218303	96.493	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.490%
24) Chloroform-d	5.060	84	274930	48.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.840%
26) 1,2-Dichloroethane-d4	5.697	65	179419	51.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.160%
32) Benzene-d6	5.726	84	545454	51.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.120%
36) 1,2-Dichloropropane-d6	6.687	67	187721	54.683	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.360%
41) Toluene-d8	7.896	98	435485	44.553	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.100%
43) trans-1,3-Dichloroprop...	8.176	79	73105	44.647	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.300%
47) 2-Hexanone-d5	8.629	63	113665	82.001	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.000%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	282397	47.069	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.140%
66) 1,2-Dichlorobenzene-d4	12.192	152	144958	53.104	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.363	73	6126	0.772	ug/L	# 82
34) Trichloroethene	6.539	95	14988	5.254	ug/L	96
46) Tetrachloroethene	8.552	164	158700	73.408	ug/L	98

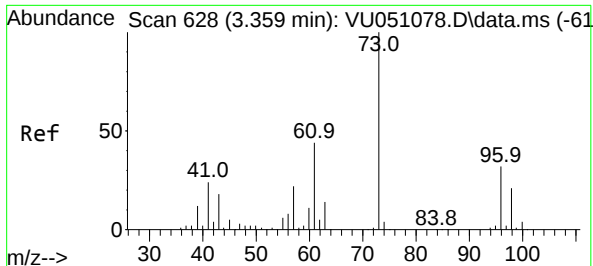
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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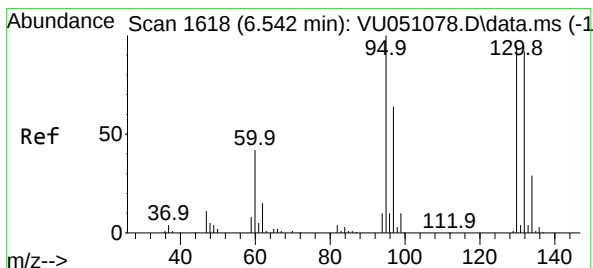
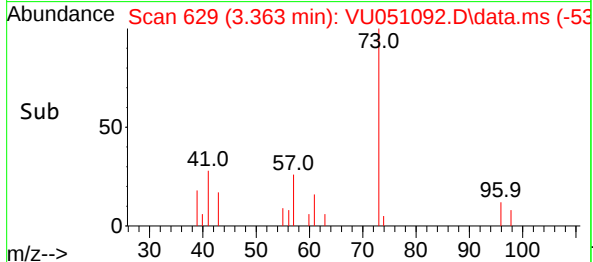
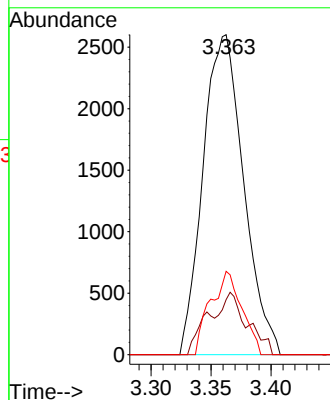
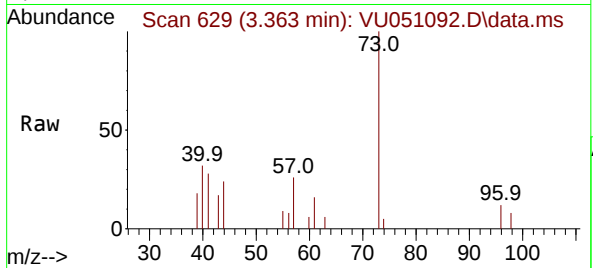




#18
Methyl tert-butyl Ether
Concen: 0.772 ug/L
RT: 3.363 min Scan# 6126
Delta R.T. 0.000 min
Lab File: VU051092.D
Acq: 03 Oct 2022 19:02

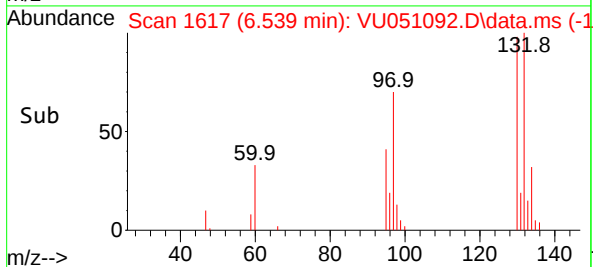
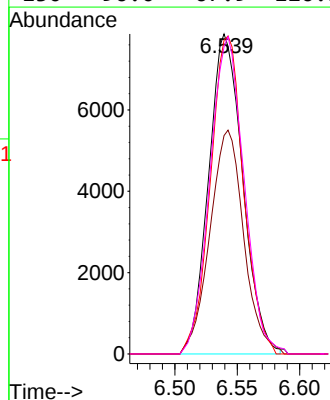
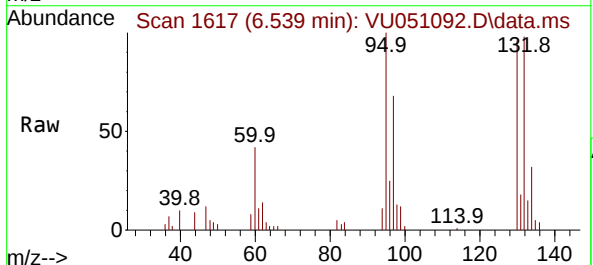
Instrument :
MSVOA_U
ClientSampleId :
F5J33

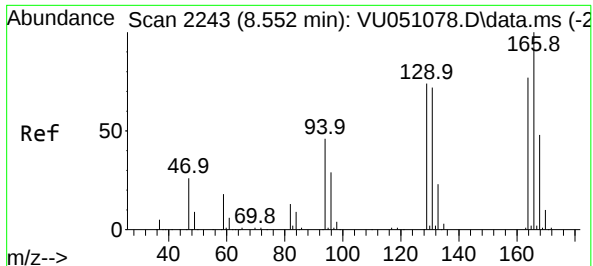
Tgt Ion: 73	Resp: 6126
Ion Ratio	Lower Upper
73 100	
43 9.4	14.7 22.1#
57 14.4	17.5 26.3#



#34
Trichloroethene
Concen: 5.254 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051092.D
Acq: 03 Oct 2022 19:02

Tgt Ion: 95	Resp: 14988
Ion Ratio	Lower Upper
95 100	
97 68.2	45.9 85.3
132 98.0	64.0 119.0
130 96.0	67.9 126.1





#46
 Tetrachloroethene
 Concen: 73.408 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU051092.D
 Acq: 03 Oct 2022 19:02

Instrument :
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Tgt Ion:164 Resp: 158700
 Ion Ratio Lower Upper
 164 100
 129 100.3 68.1 126.5
 131 97.5 67.8 126.0
 166 131.5 90.5 168.1

