

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045092.D
 Acq On : 04 Oct 2021 13:38
 Operator : SY/MD
 Sample : M3996-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A37

Quant Time: Oct 05 02:44:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

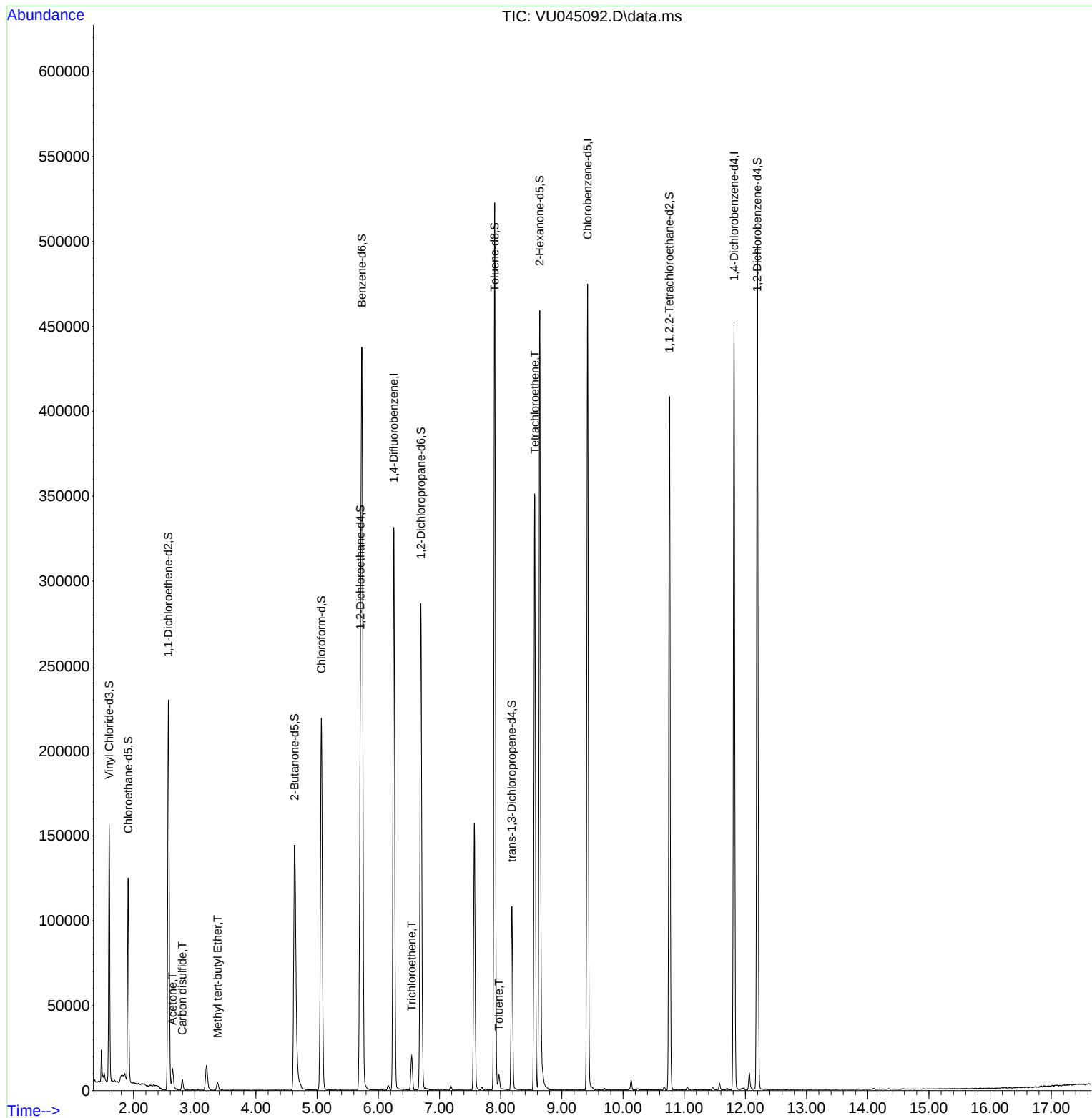
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	259696	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	244566	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	110179	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	98409	34.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.24%
7) Chloroethane-d5	1.913	69	91342	40.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.10%
11) 1,1-Dichloroethene-d2	2.568	63	138949	29.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.20%#
21) 2-Butanone-d5	4.633	46	222488	98.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.99%
24) Chloroform-d	5.070	84	198391	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	5.707	65	142638	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
32) Benzene-d6	5.732	84	392520	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
36) 1,2-Dichloropropane-d6	6.697	67	130294	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.18%
41) Toluene-d8	7.903	98	329203	44.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.90%
43) trans-1,3-Dichloroprop...	8.182	79	59146	48.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.10%
47) 2-Hexanone-d5	8.639	63	161077	105.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.04%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201403	46.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.48%
66) 1,2-Dichlorobenzene-d4	12.195	152	121848	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%
Target Compounds						
					Qvalue	
13) Acetone	2.639	43	14378	5.53	ug/L	99
14) Carbon disulfide	2.797	76	7624	1.18	ug/L	99
18) Methyl tert-butyl Ether	3.372	73	4759	0.68	ug/L #	90
34) Trichloroethene	6.546	95	6208	2.85	ug/L	96
42) Toluene	7.973	91	5575	0.60	ug/L	99
46) Tetrachloroethene	8.559	164	72502	46.56	ug/L	99

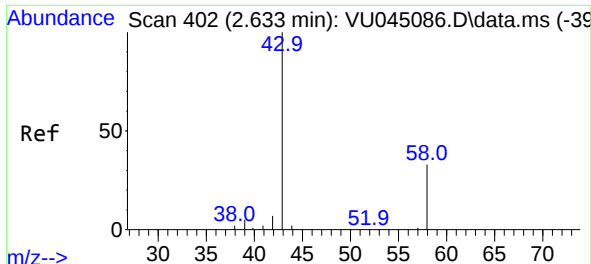
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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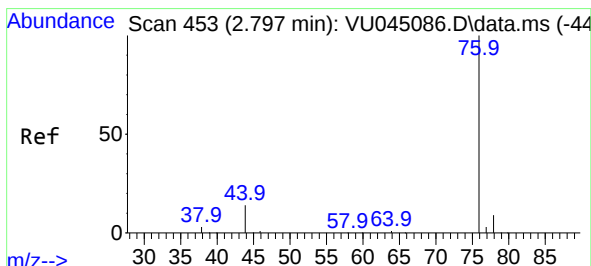
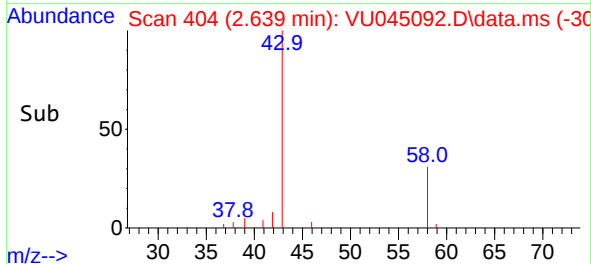
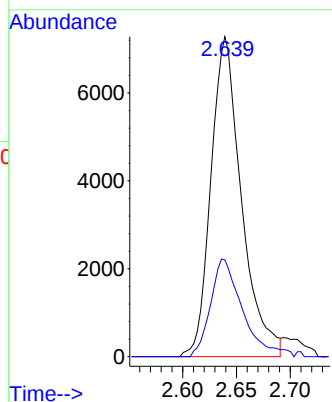
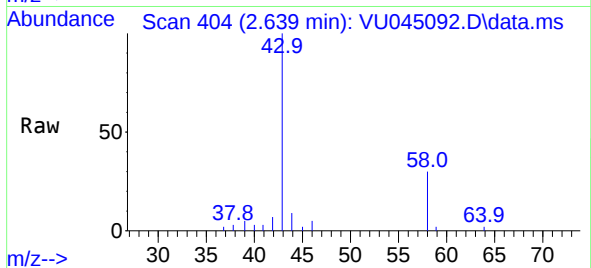




#13
Acetone
Concen: 5.53 ug/L
RT: 2.639 min Scan# 404
Delta R.T. 0.007 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

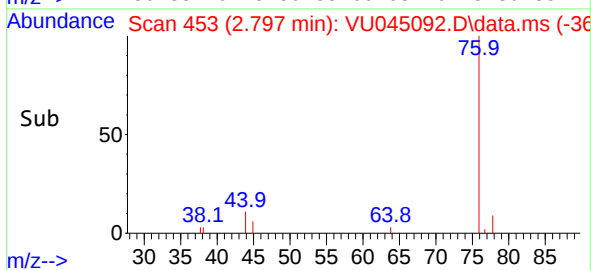
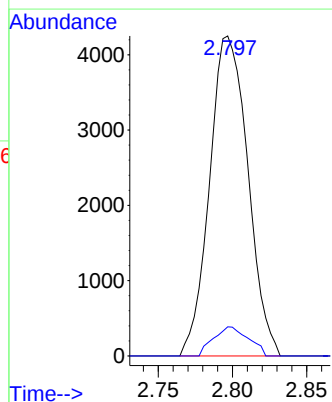
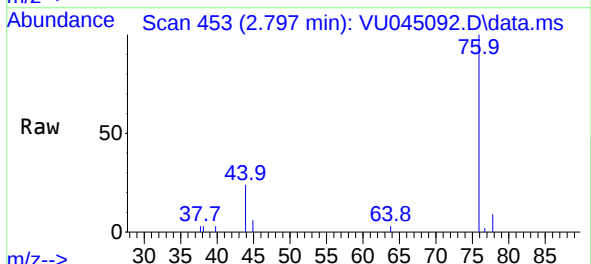
Instrument :
MSVOA_U
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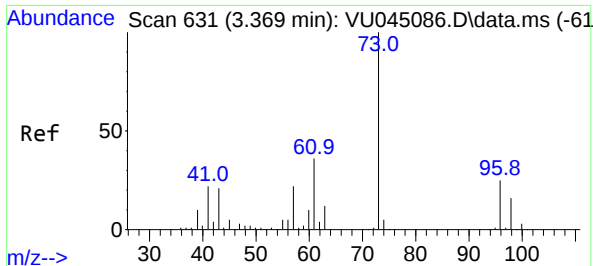
Tgt Ion: 43 Resp: 14378
Ion Ratio Lower Upper
43 100
58 31.9 0.0 62.8



#14
Carbon disulfide
Concen: 1.18 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

Tgt Ion: 76 Resp: 7624
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

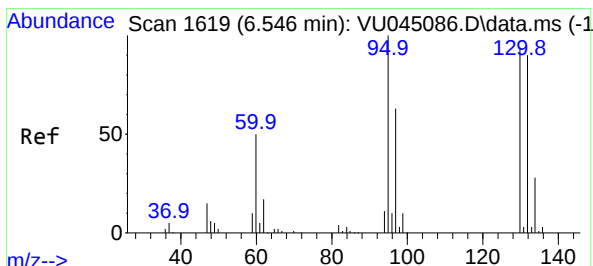
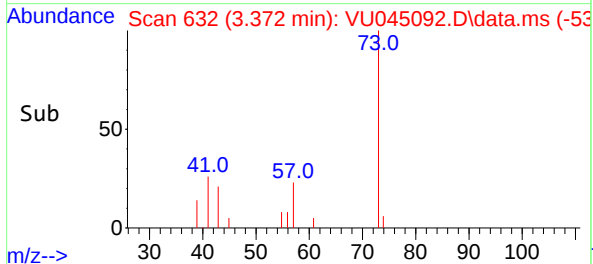
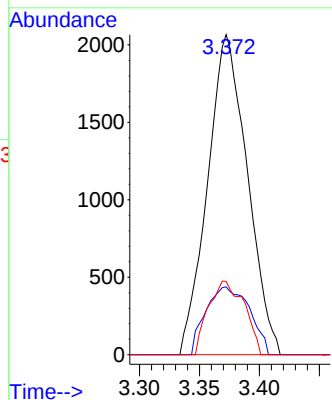
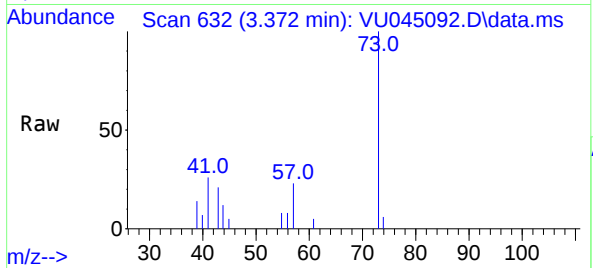




#18
Methyl tert-butyl Ether
Concen: 0.68 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

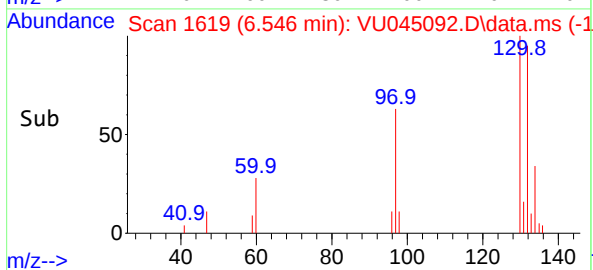
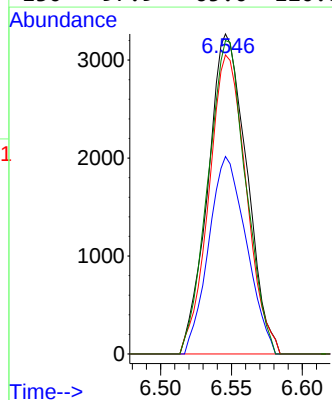
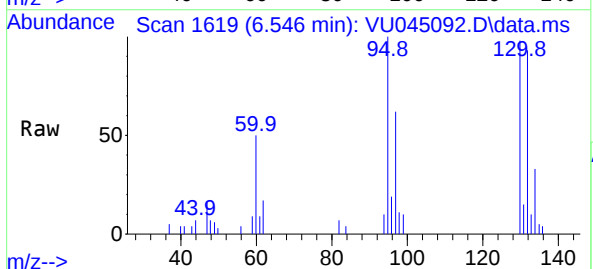
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ClientSampleId :
F4A37

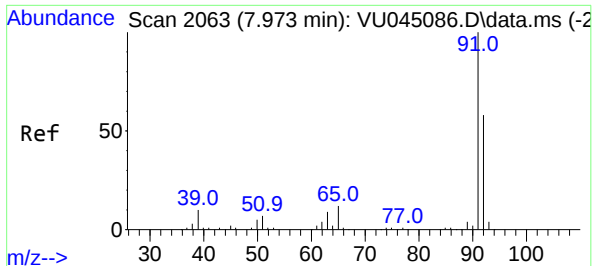
Tgt Ion: 73 Resp: 4759
Ion Ratio Lower Upper
73 100
43 23.4 17.3 25.9
57 15.8 18.7 28.1#



#34
Trichloroethene
Concen: 2.85 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

Tgt Ion: 95 Resp: 6208
Ion Ratio Lower Upper
95 100
97 61.7 44.4 82.4
132 93.4 62.9 116.9
130 97.9 65.0 120.8

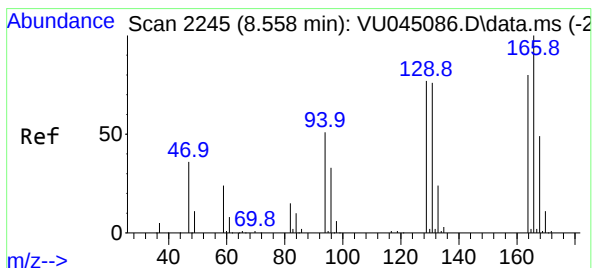
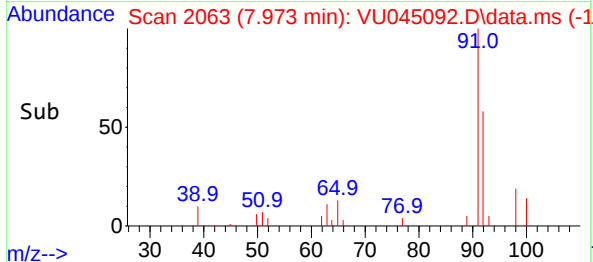
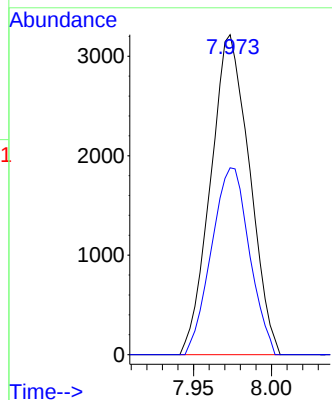
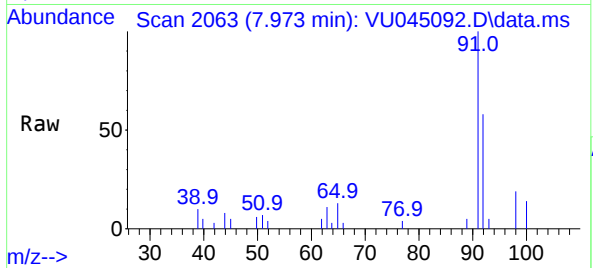




#42
Toluene
Concen: 0.60 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

Instrument :
MSVOA_U
ClientSampled :
F4A37

Tgt Ion: 91 Resp: 5575
Ion Ratio Lower Upper
91 100
92 58.4 40.5 75.1



#46
Tetrachloroethene
Concen: 46.56 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

Tgt Ion: 164 Resp: 72502
Ion Ratio Lower Upper
164 100
129 98.6 69.8 129.6
131 93.4 66.4 123.2
166 128.9 91.1 169.3

