

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045148.D
 Acq On : 05 Oct 2021 16:34
 Operator : SY/MD
 Sample : M3996-11DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A54DL

Quant Time: Oct 06 01:46:17 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

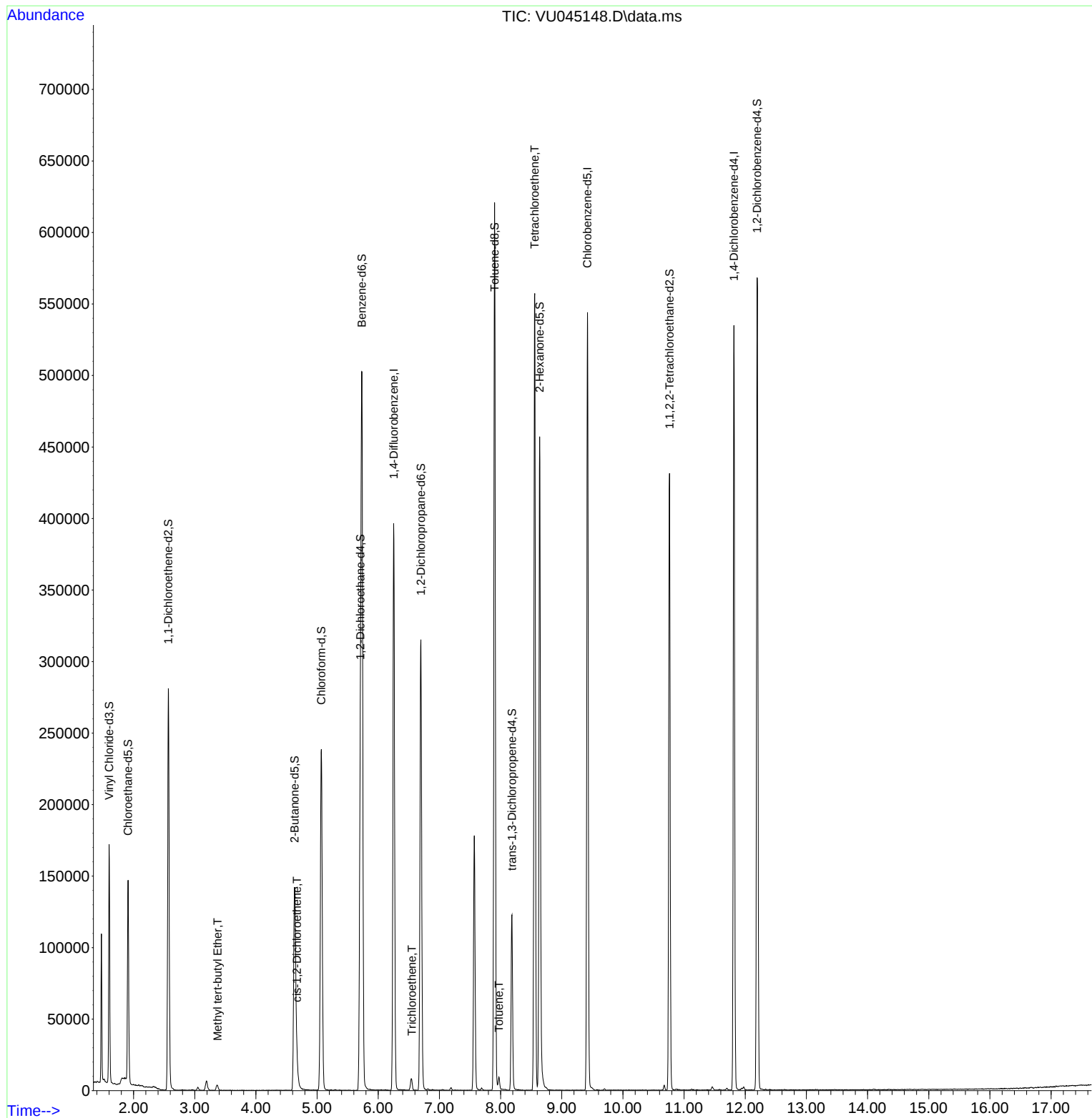
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	306466	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	286321	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	129731	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	118402	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.58%
7) Chloroethane-d5	1.909	69	108121	40.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.34%
11) 1,1-Dichloroethene-d2	2.568	63	168722	29.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.90%#
21) 2-Butanone-d5	4.632	46	227256	85.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.68%
24) Chloroform-d	5.070	84	215228	40.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.24%
26) 1,2-Dichloroethane-d4	5.706	65	154198	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.92%
32) Benzene-d6	5.732	84	451085	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.697	67	140690	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.86%
41) Toluene-d8	7.902	98	395145	46.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.18%
43) trans-1,3-Dichloroprop...	8.185	79	66000	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
47) 2-Hexanone-d5	8.639	63	160330	89.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.31%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	210924	41.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.62%
66) 1,2-Dichlorobenzene-d4	12.195	152	136378	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%
Target Compounds						
18) Methyl tert-butyl Ether	3.372	73	3199	0.39	ug/L #	92
20) cis-1,2-Dichloroethene	4.671	96	1848	0.67	ug/L	83
34) Trichloroethene	6.549	95	1915	0.75	ug/L #	90
42) Toluene	7.973	91	6041	0.56	ug/L	93
46) Tetrachloroethene	8.558	164	115957	63.60	ug/L	99

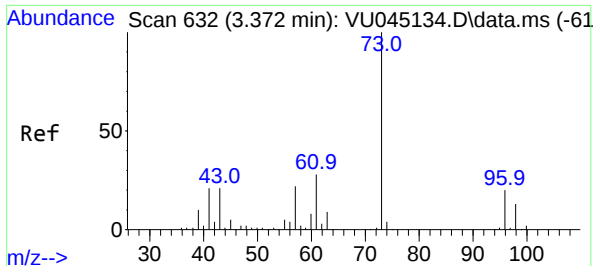
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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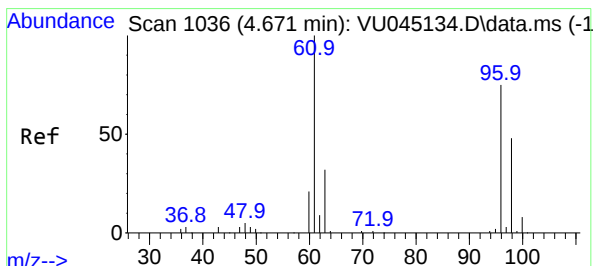
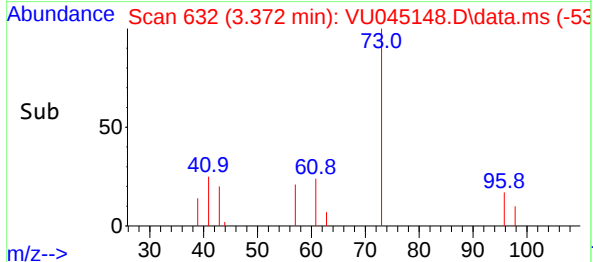
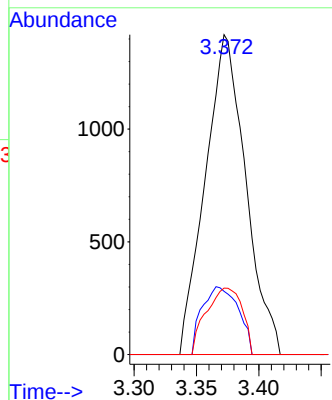
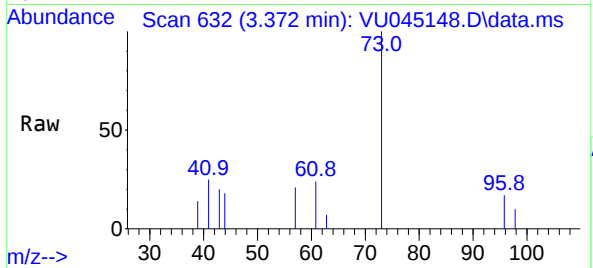


#18
Methyl tert-butyl Ether
Concen: 0.39 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU045148.D
Acq: 05 Oct 2021 16:34

Instrument :
MSVOA_U
ClientSampled :
F4A54DL

Tgt Ion: 73 Resp: 3199

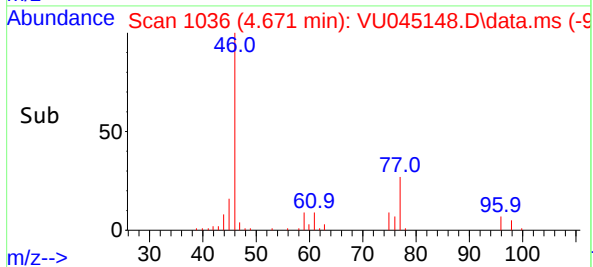
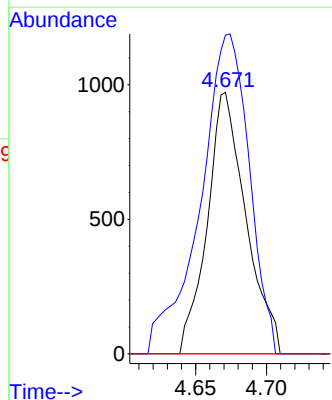
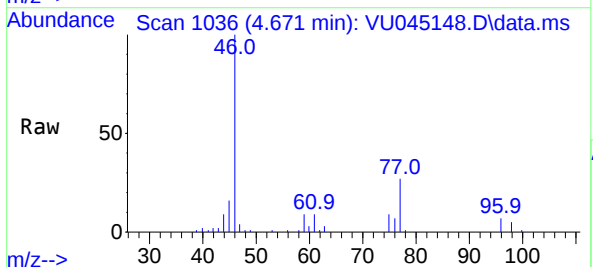
Ion	Ratio	Lower	Upper
73	100		
43	19.0	17.3	25.9
57	18.5	18.7	28.1#

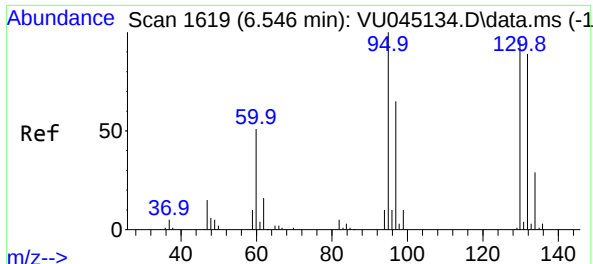


#20
cis-1,2-Dichloroethene
Concen: 0.67 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045148.D
Acq: 05 Oct 2021 16:34

Tgt Ion: 96 Resp: 1848

Ion	Ratio	Lower	Upper
96	100		
61	121.9	100.2	186.0
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 0.75 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU045148.D

Acq: 05 Oct 2021 16:34

Tgt Ion: 95 Resp: 1915

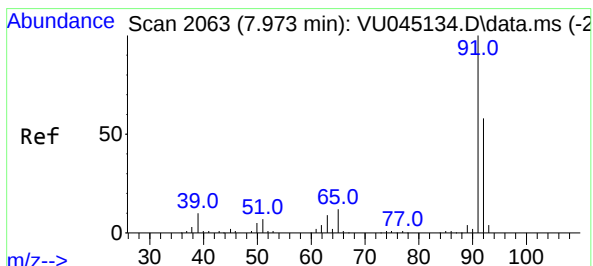
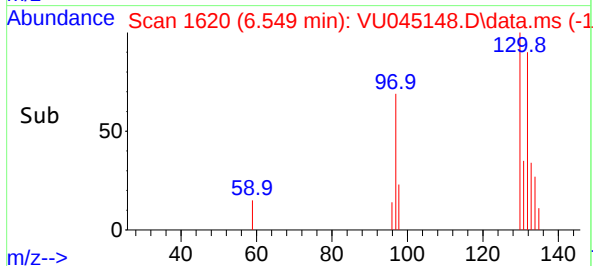
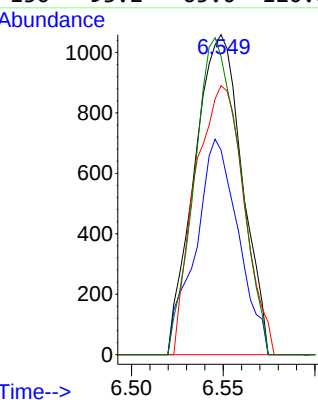
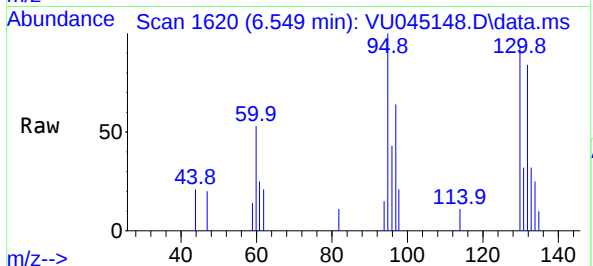
Ion Ratio Lower Upper

95 100

97 85.4 44.4 82.4#

132 84.0 62.9 116.9

130 93.2 65.0 120.8



#42

Toluene

Concen: 0.56 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045148.D

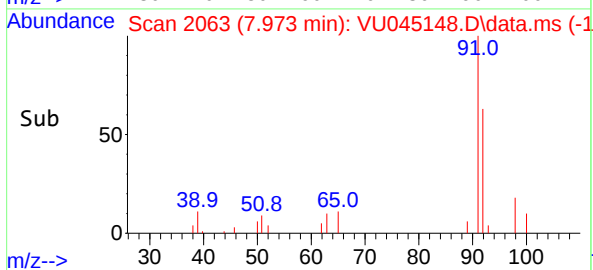
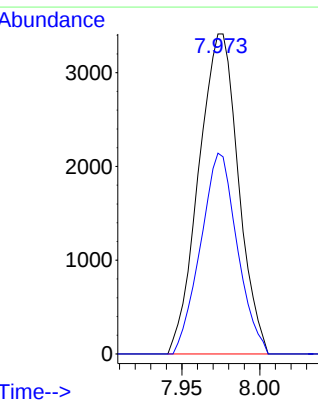
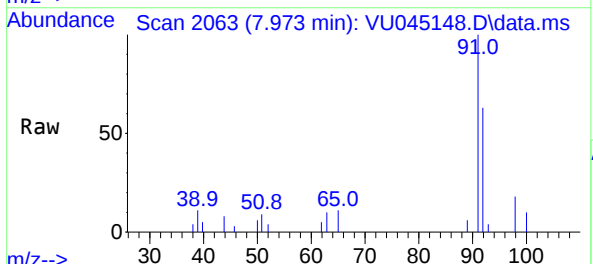
Acq: 05 Oct 2021 16:34

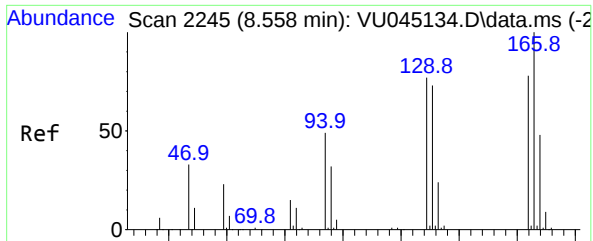
Tgt Ion: 91 Resp: 6041

Ion Ratio Lower Upper

91 100

92 62.8 40.5 75.1





#46
Tetrachloroethene
Concen: 63.60 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU045148.D
Acq: 05 Oct 2021 16:34

Instrument :
MSVOA_U
ClientSampleId :
F4A54DL

Tgt Ion:164 Resp: 115957

Ion	Ratio	Lower	Upper
164	100		
129	100.3	69.8	129.6
131	96.6	66.4	123.2
166	129.5	91.1	169.3

