

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045102.D
 Acq On : 04 Oct 2021 17:31
 Operator : SY/MD
 Sample : M3996-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A42

Quant Time: Oct 05 02:47:10 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)

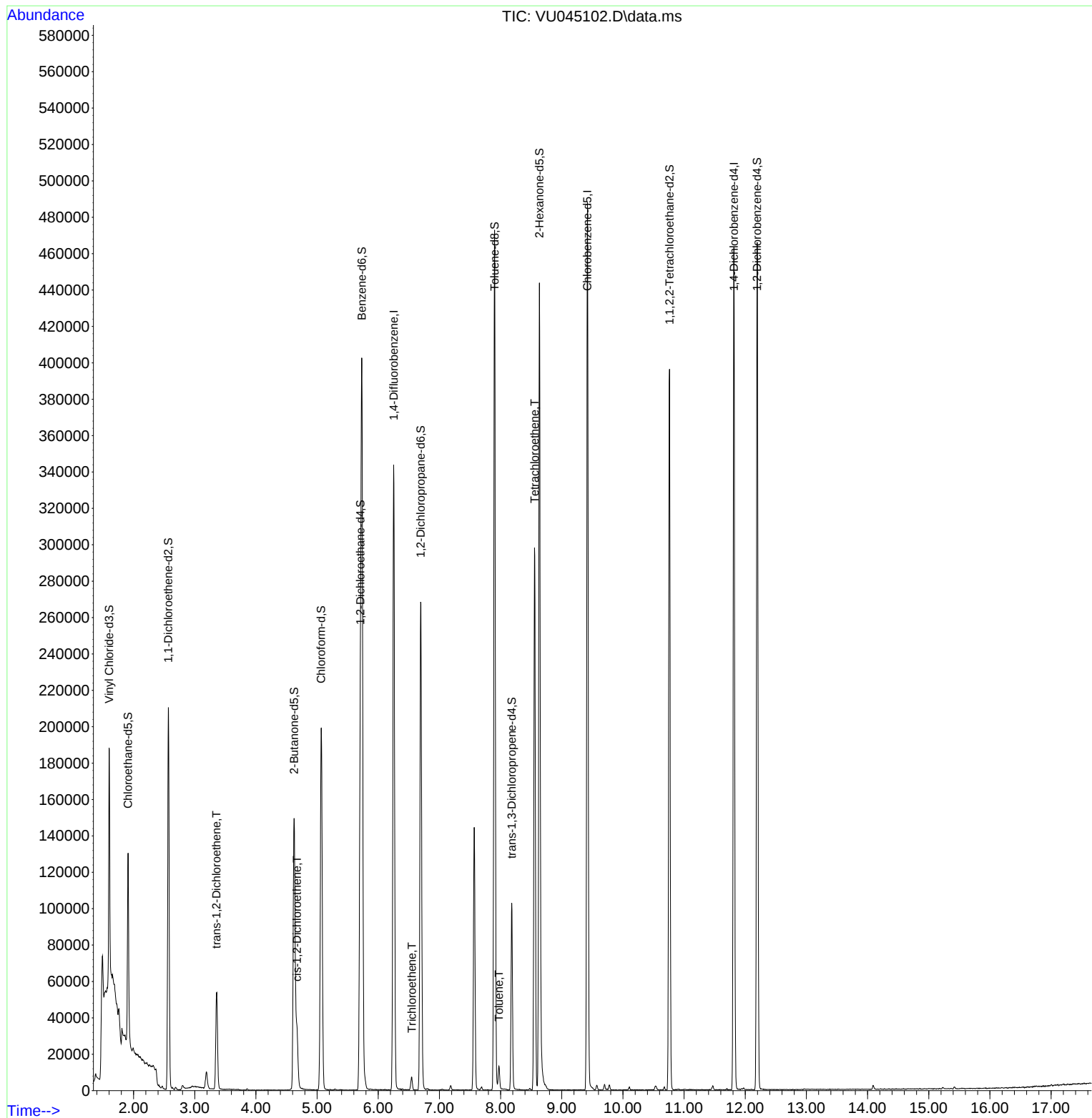
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	266711	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	256352	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	115104	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	86293	29.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.12%#
7) Chloroethane-d5	1.909	69	81372	35.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.34%
11) 1,1-Dichloroethene-d2	2.568	63	124596	25.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.82%#
21) 2-Butanone-d5	4.623	46	214612	92.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.98%
24) Chloroform-d	5.067	84	183002	39.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.38%
26) 1,2-Dichloroethane-d4	5.706	65	130218	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.38%
32) Benzene-d6	5.732	84	357367	40.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.34%
36) 1,2-Dichloropropane-d6	6.694	67	120908	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.38%
41) Toluene-d8	7.902	98	300441	39.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.28%#
43) trans-1,3-Dichloroprop...	8.182	79	54188	42.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.00%
47) 2-Hexanone-d5	8.636	63	155310	96.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.62%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	197607	43.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.50%
66) 1,2-Dichlorobenzene-d4	12.195	152	113212	45.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.38%
Target Compounds						
17) trans-1,2-Dichloroethene	3.356	96	22112	10.16	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	13419	5.60	ug/L	99
34) Trichloroethene	6.549	95	2045	0.90	ug/L	97
42) Toluene	7.973	91	8949	0.93	ug/L	96
46) Tetrachloroethene	8.555	164	62846	38.50	ug/L	99

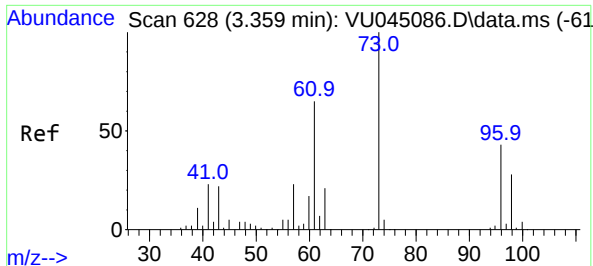
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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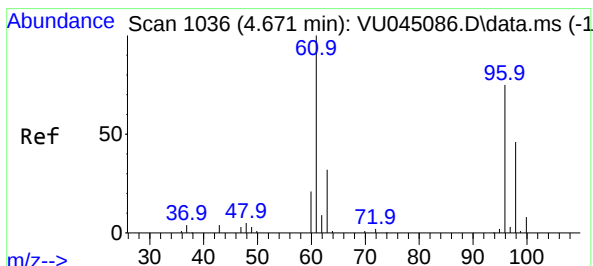
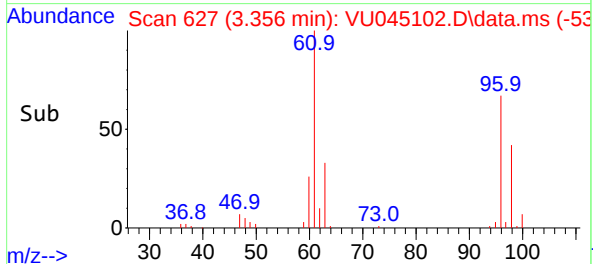
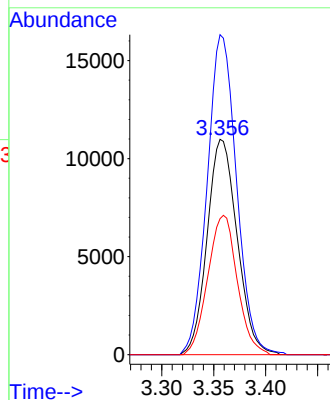
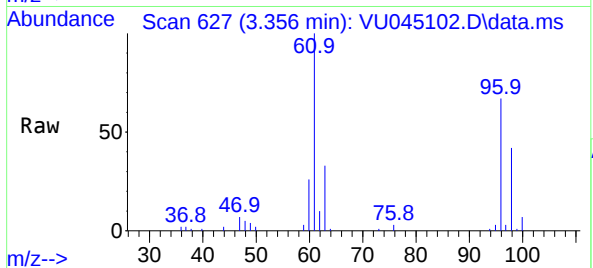




#17
trans-1,2-Dichloroethene
Concen: 10.16 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU045102.D
Acq: 04 Oct 2021 17:31

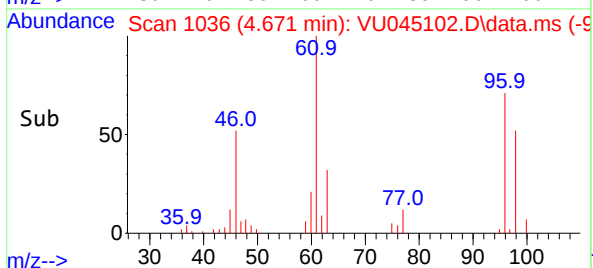
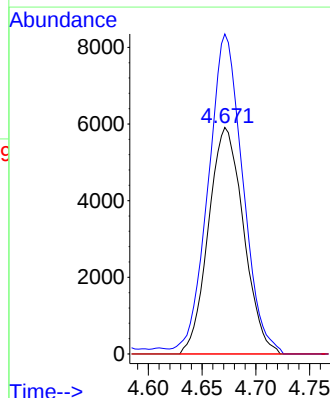
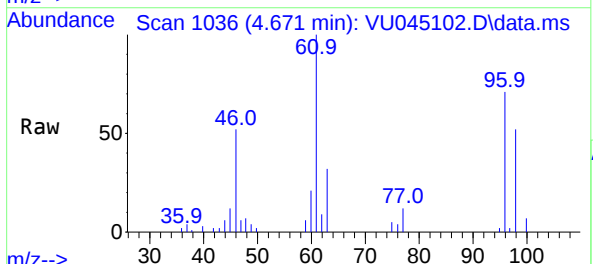
Instrument :
MSVOA_U
ClientSampled :
F4A42

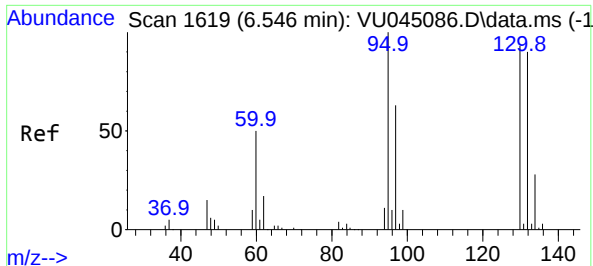
Tgt Ion: 96 Resp: 22112
Ion Ratio Lower Upper
96 100
61 148.6 105.1 195.3
98 63.2 43.0 79.8



#20
cis-1,2-Dichloroethene
Concen: 5.60 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045102.D
Acq: 04 Oct 2021 17:31

Tgt Ion: 96 Resp: 13419
Ion Ratio Lower Upper
96 100
61 141.3 100.2 186.0
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.90 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU045102.D

Acq: 04 Oct 2021 17:31

Tgt Ion: 95 Resp: 2045

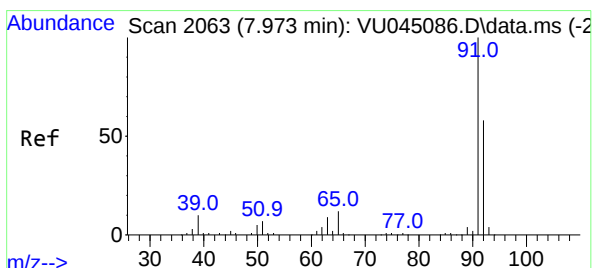
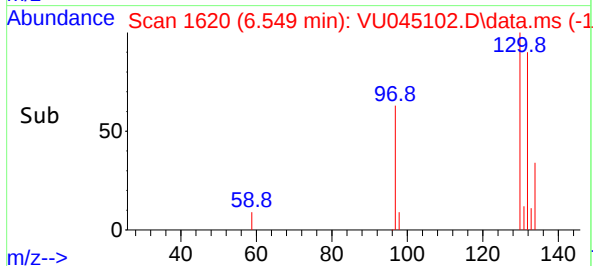
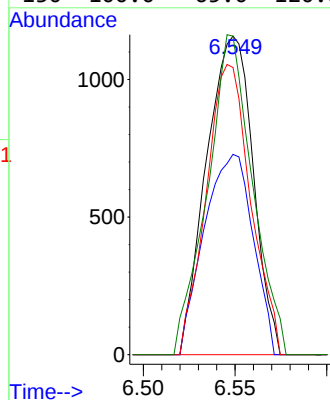
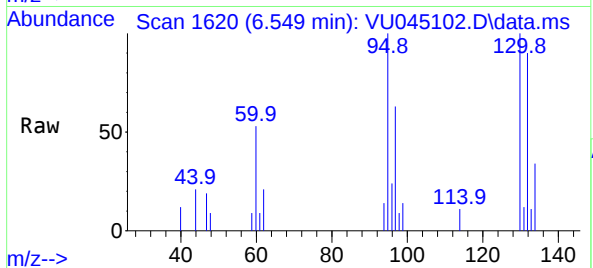
Ion Ratio Lower Upper

95 100

97 62.9 44.4 82.4

132 90.2 62.9 116.9

130 100.0 65.0 120.8



#42

Toluene

Concen: 0.93 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045102.D

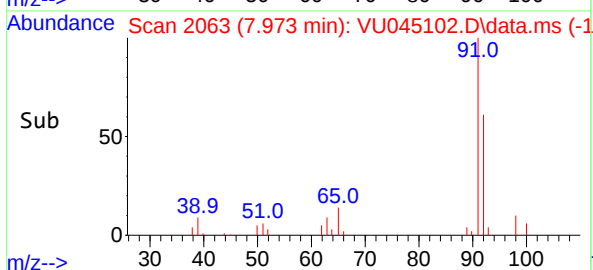
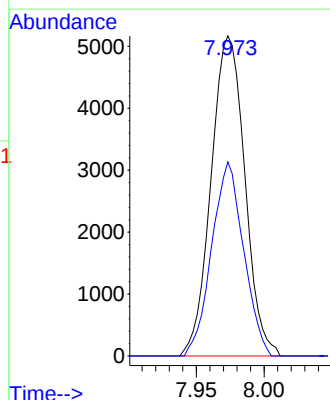
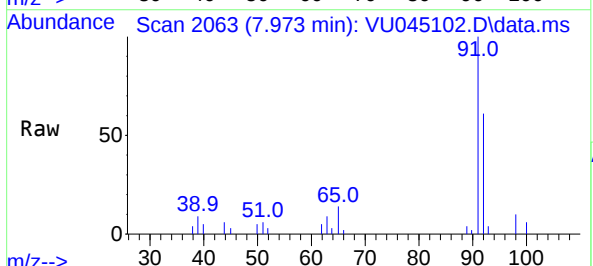
Acq: 04 Oct 2021 17:31

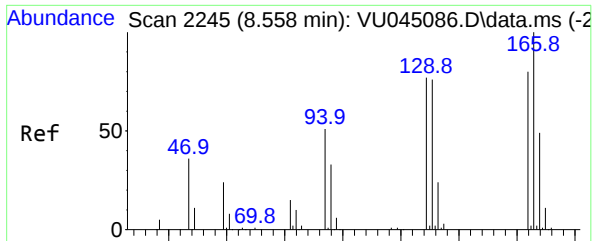
Tgt Ion: 91 Resp: 8949

Ion Ratio Lower Upper

91 100

92 60.6 40.5 75.1





#46
Tetrachloroethene
Concen: 38.50 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045102.D
Acq: 04 Oct 2021 17:31

Instrument :
MSVOA_U
ClientSampleId :
F4A42

Tgt Ion:164 Resp: 62846

Ion	Ratio	Lower	Upper
164	100		
129	99.3	69.8	129.6
131	93.1	66.4	123.2
166	127.9	91.1	169.3

