

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045219.D
 Acq On : 07 Oct 2021 19:40
 Operator : SY/MD
 Sample : M4023-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK5

Quant Time: Oct 07 22:20:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

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

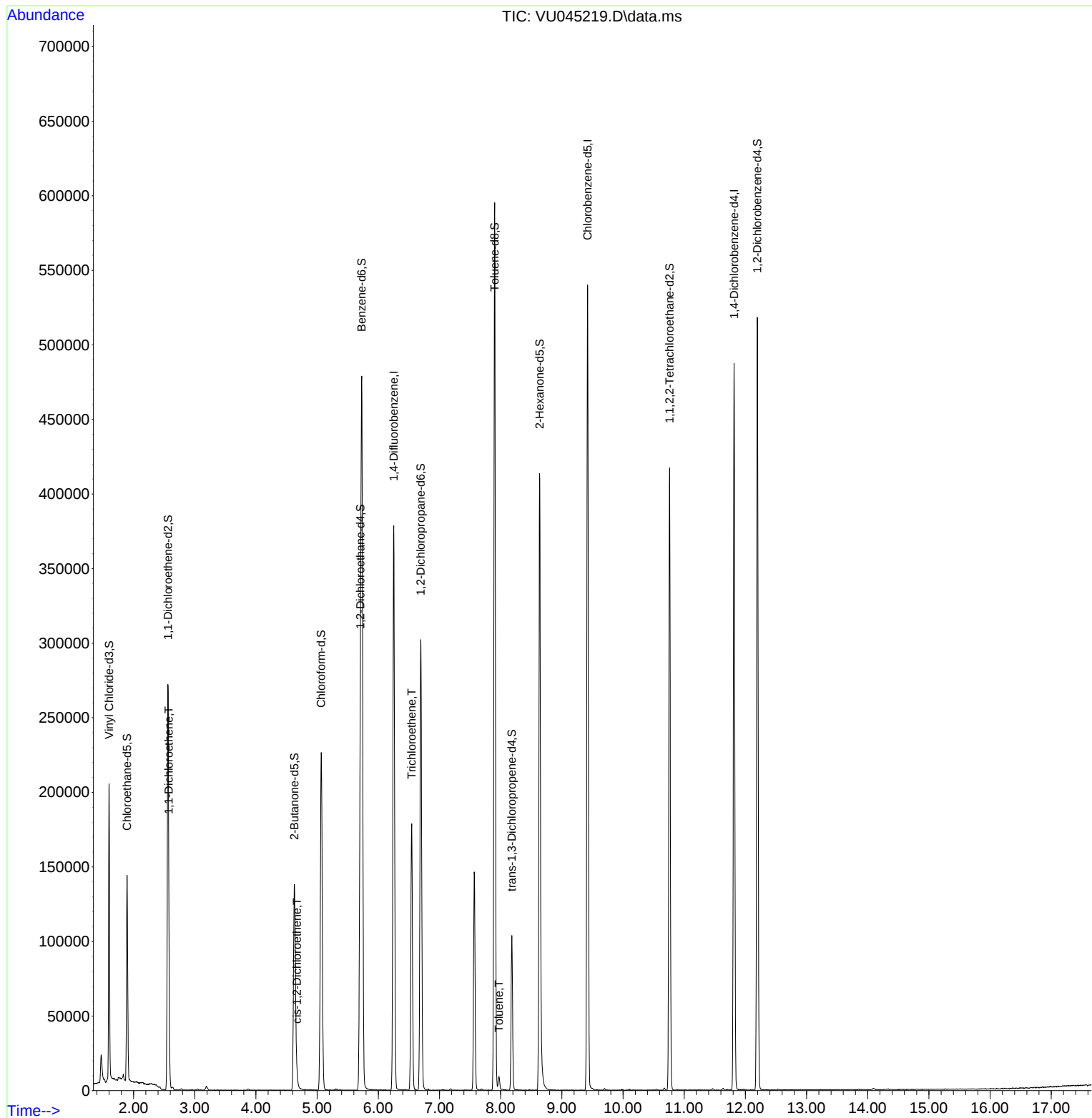
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	291589	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	278285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	120265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	131025	41.047	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.100%		
7) Chloroethane-d5	1.893	69	103935	41.089	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.180%		
11) 1,1-Dichloroethene-d2	2.562	63	164633	30.712	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.420%		
21) 2-Butanone-d5	4.626	46	197829	78.393	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.390%		
24) Chloroform-d	5.066	84	204714	40.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.220%		
26) 1,2-Dichloroethane-d4	5.706	65	144789	42.399	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.800%		
32) Benzene-d6	5.729	84	427460	44.267	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.540%		
36) 1,2-Dichloropropane-d6	6.693	67	137232	43.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.160%		
41) Toluene-d8	7.902	98	376676	45.201	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.400%		
43) trans-1,3-Dichloroprop...	8.182	79	54843	39.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.320%		
47) 2-Hexanone-d5	8.635	63	140732	80.654	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.650%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	206136	42.043	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.080%		
66) 1,2-Dichlorobenzene-d4	12.195	152	127003	48.524	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.040%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	4016	1.779	ug/L	# 1
20) cis-1,2-Dichloroethene	4.671	96	2196	0.838	ug/L	75
34) Trichloroethene	6.546	95	59128	23.850	ug/L	98
42) Toluene	7.973	91	6080	0.580	ug/L	100

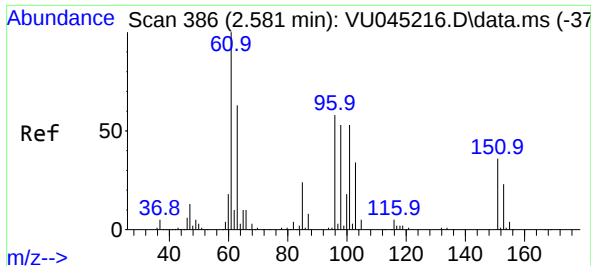
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.779 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.007 min

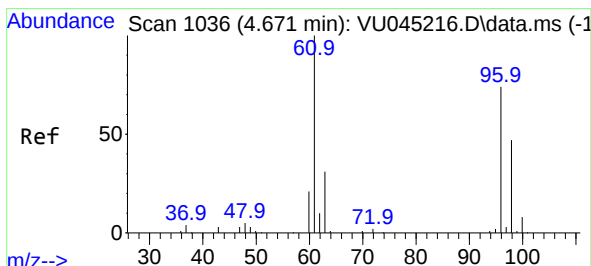
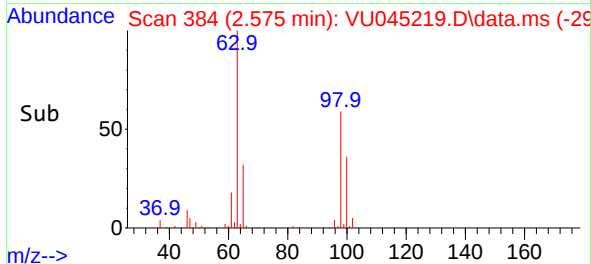
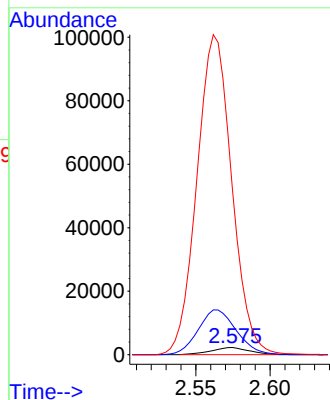
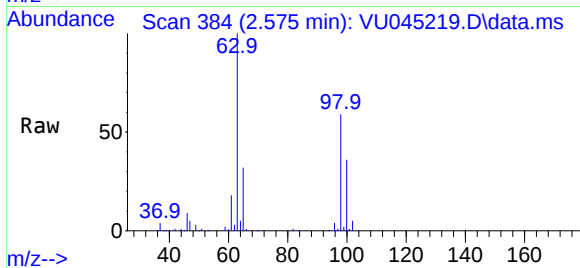
Lab File: VU045219.D

Acq: 07 Oct 2021 19:40

Tgt Ion: 96 Resp: 4016

Ion	Ratio	Lower	Upper
96	100		
61	418.4	131.3	243.9#
63	2329.2	102.5	190.3#

Instrument :
MSVOA_U
ClientSampled :
C0AK5



#20

cis-1,2-Dichloroethene

Concen: 0.838 ug/L

RT: 4.671 min Scan# 1036

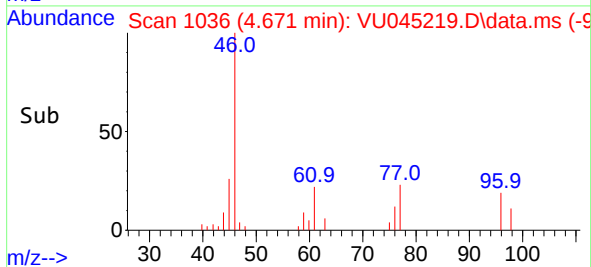
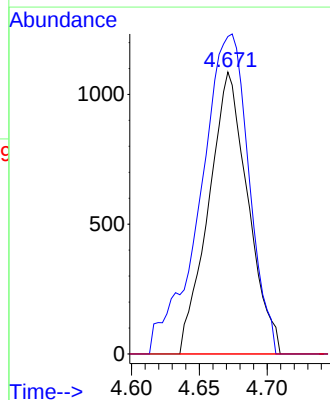
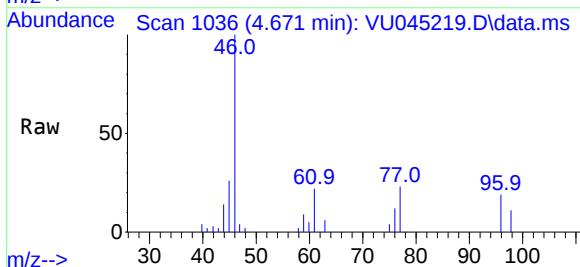
Delta R.T. -0.000 min

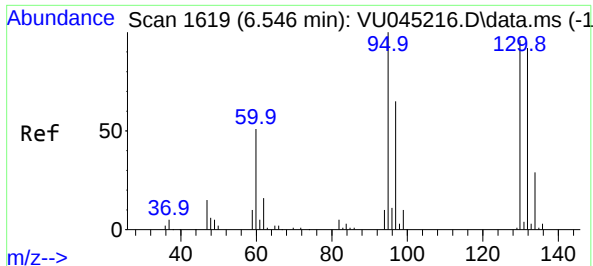
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Tgt Ion: 96 Resp: 2196

Ion	Ratio	Lower	Upper
96	100		
61	112.6	100.2	186.0
68	0.0	0.0	0.0

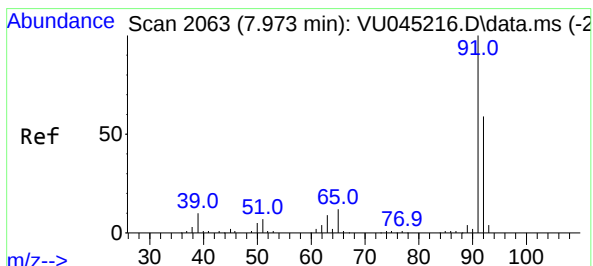
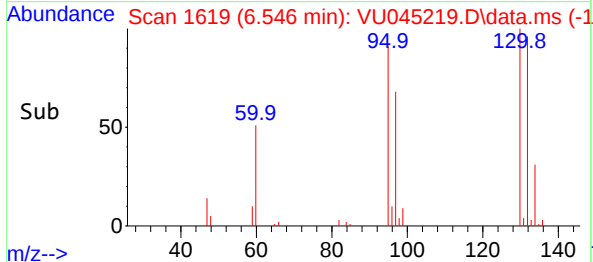
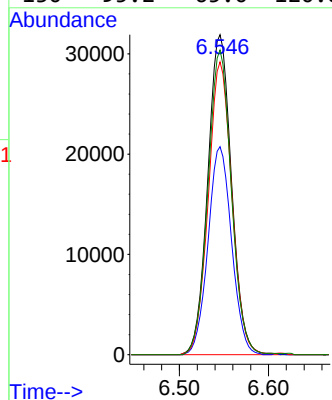
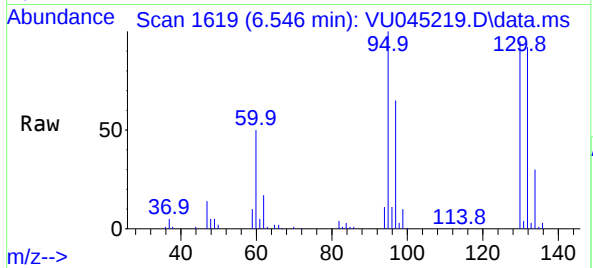




#34
Trichloroethene
Concen: 23.850 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
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ClientSampleId :
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Tgt Ion: 95 Resp: 59128
Ion Ratio Lower Upper
95 100
97 65.0 44.4 82.4
132 91.5 62.9 116.9
130 95.2 65.0 120.8



#42
Toluene
Concen: 0.580 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
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Tgt Ion: 91 Resp: 6080
Ion Ratio Lower Upper
91 100
92 57.8 40.5 75.1

