

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045249.D
 Acq On : 08 Oct 2021 14:18
 Operator : SY/MD
 Sample : M4023-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ3

Quant Time: Oct 09 05:31:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

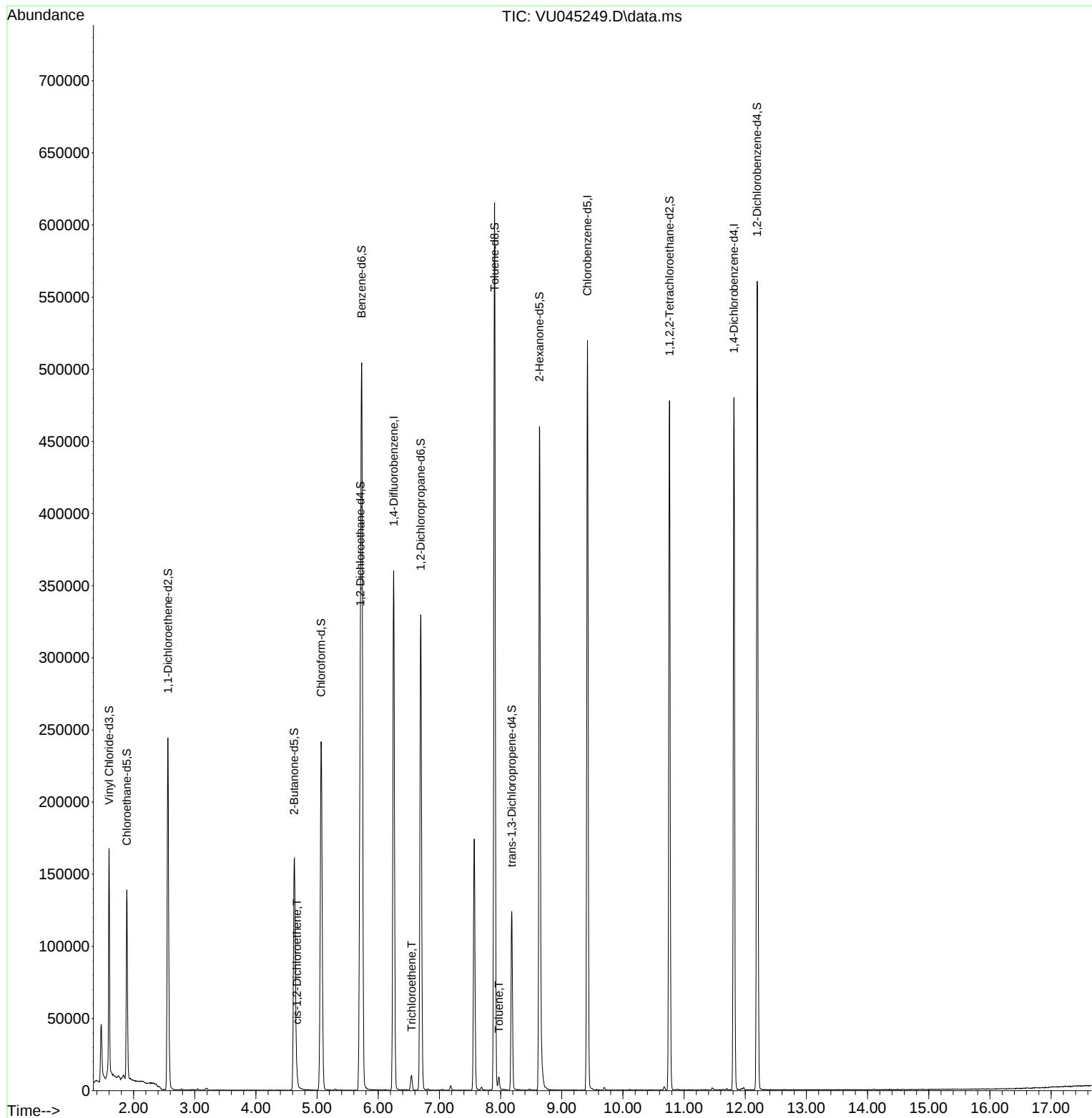
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	276296	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	269100	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	115908	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	102817	33.993	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.980%
7) Chloroethane-d5	1.890	69	100184	41.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.562	63	149023	29.339	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.680%#
21) 2-Butanone-d5	4.626	46	231157	96.670	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.670%
24) Chloroform-d	5.067	84	219456	45.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.880%
26) 1,2-Dichloroethane-d4	5.707	65	156694	48.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.840%
32) Benzene-d6	5.729	84	447926	47.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.940%
36) 1,2-Dichloropropane-d6	6.694	67	150300	49.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.720%
41) Toluene-d8	7.903	98	385544	47.845	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.680%
43) trans-1,3-Dichloroprop...	8.182	79	64855	47.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.780%
47) 2-Hexanone-d5	8.636	63	158304	93.822	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.820%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	237216	50.033	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.060%
66) 1,2-Dichlorobenzene-d4	12.195	152	138120	54.756	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.520%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.671	96	1902	0.766	ug/L	86
34) Trichloroethene	6.546	95	2787	1.163	ug/L	89
42) Toluene	7.973	91	6244	0.616	ug/L	92

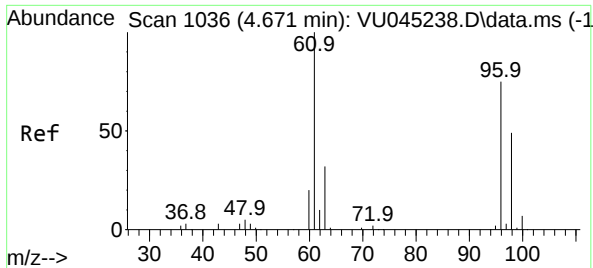
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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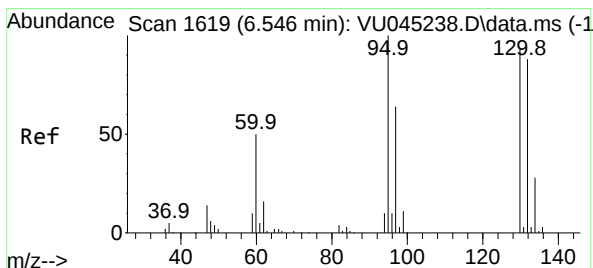
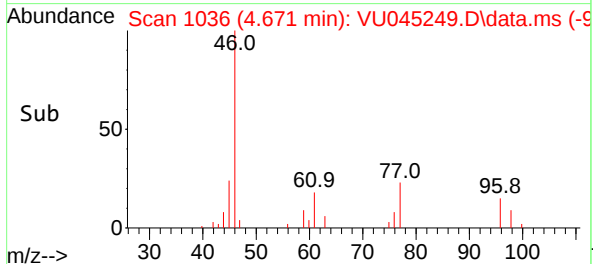
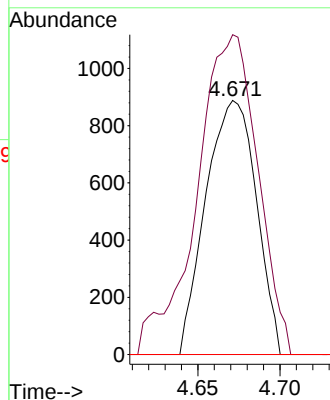
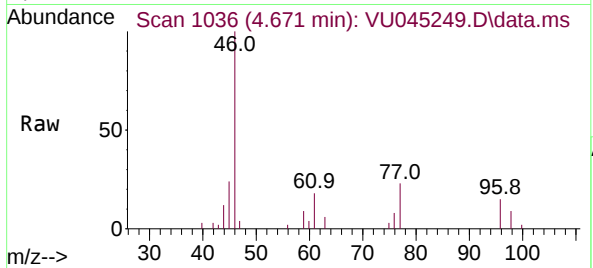


#20
 cis-1,2-Dichloroethene
 Concen: 0.766 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045249.D
 Acq: 08 Oct 2021 14:18

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ3

Tgt Ion: 96 Resp: 1902

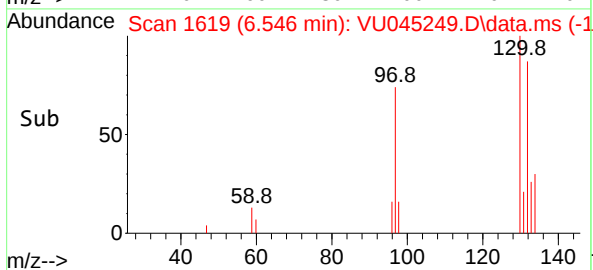
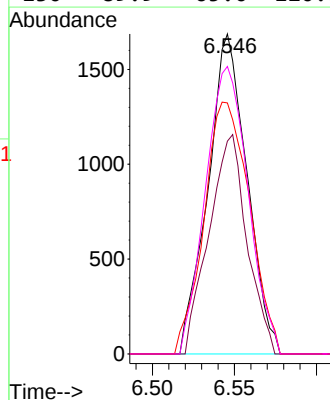
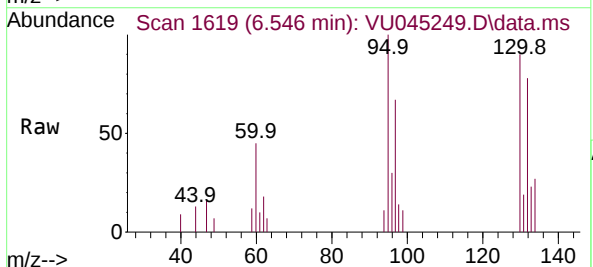
Ion	Ratio	Lower	Upper
96	100		
61	125.9	100.2	186.0
68	0.0	0.0	0.0

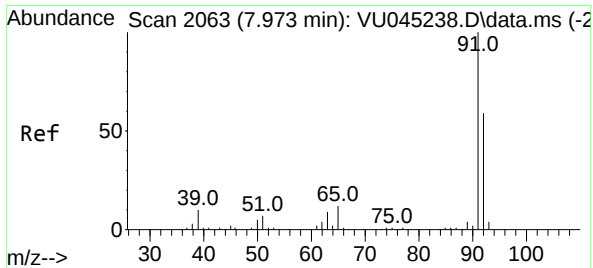


#34
 Trichloroethene
 Concen: 1.163 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VU045249.D
 Acq: 08 Oct 2021 14:18

Tgt Ion: 95 Resp: 2787

Ion	Ratio	Lower	Upper
95	100		
97	80.9	44.4	82.4
132	78.4	62.9	116.9
130	89.9	65.0	120.8





#42
Toluene
Concen: 0.616 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045249.D
Acq: 08 Oct 2021 14:18

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 91 Resp: 6244
Ion Ratio Lower Upper
91 100
92 63.9 40.5 75.1

