

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045259.D
 Acq On : 08 Oct 2021 18:14
 Operator : SY/MD
 Sample : M4023-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Oct 09 05:33:01 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)

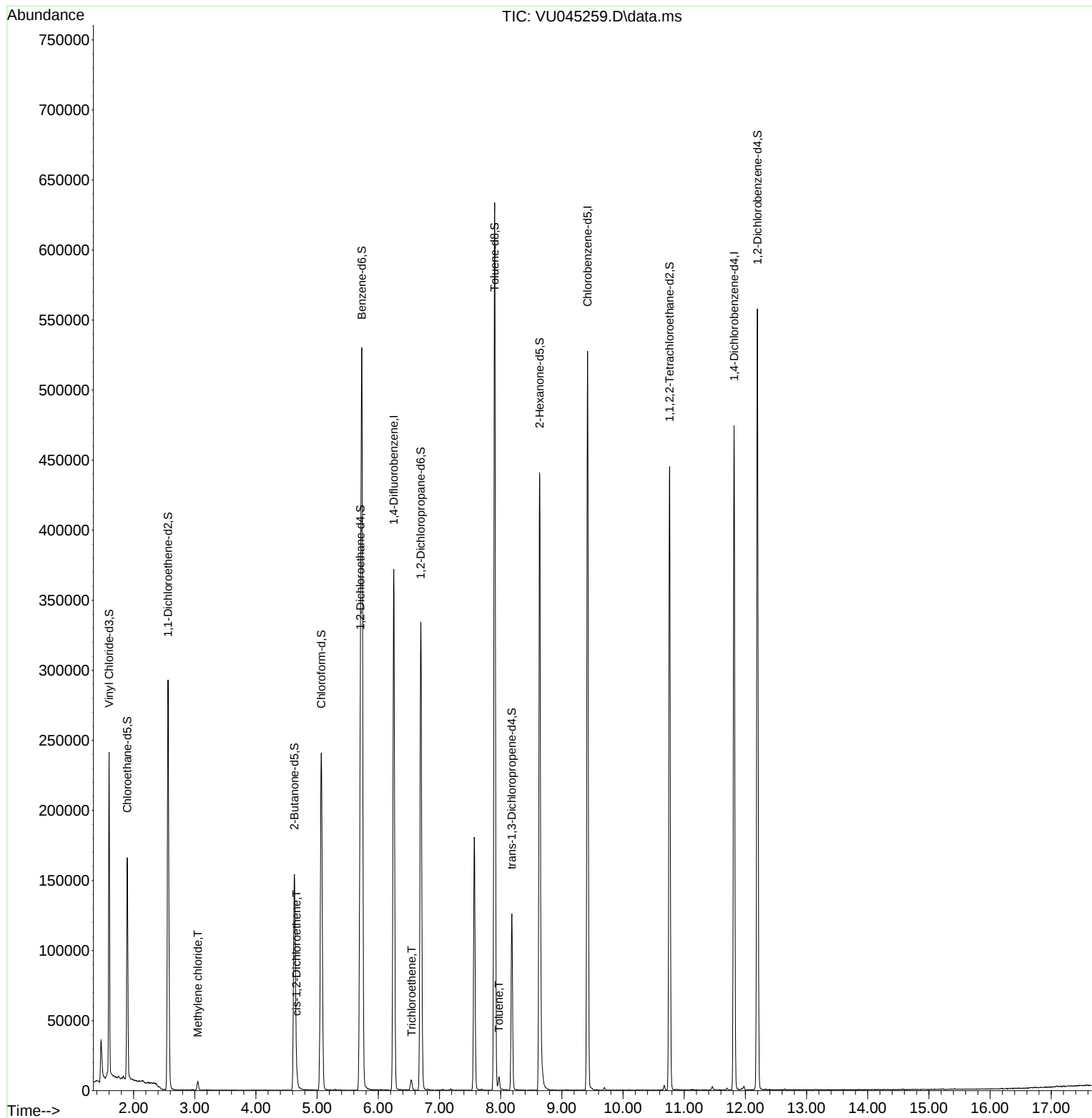
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	282341	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	273159	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	116249	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	148659	48.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.200%
7) Chloroethane-d5	1.896	69	118020	48.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.380%
11) 1,1-Dichloroethene-d2	2.562	63	180951	34.862	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.720%
21) 2-Butanone-d5	4.629	46	220749	90.341	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.340%
24) Chloroform-d	5.070	84	219676	45.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.706	65	156676	47.383	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.760%
32) Benzene-d6	5.732	84	471571	49.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.500%
36) 1,2-Dichloropropane-d6	6.693	67	151797	49.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.240%
41) Toluene-d8	7.902	98	403049	49.274	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.540%
43) trans-1,3-Dichloroprop...	8.182	79	66091	48.073	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.140%
47) 2-Hexanone-d5	8.635	63	153132	89.408	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.410%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	222442	46.220	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.440%
66) 1,2-Dichlorobenzene-d4	12.198	152	137570	54.378	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.760%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.051	84	2708	0.978	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	1321	0.520	ug/L	91
34) Trichloroethene	6.546	95	1273	0.523	ug/L	85
42) Toluene	7.973	91	6417	0.623	ug/L	99

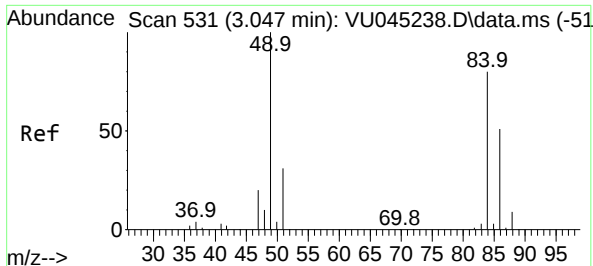
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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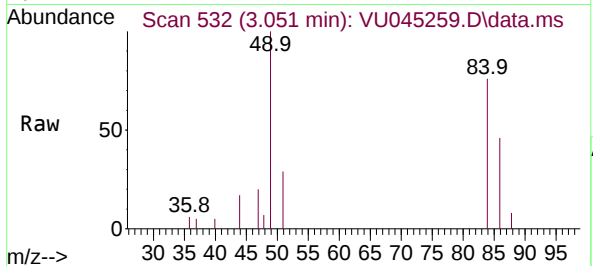
Quant Time: Oct 09 05:33:01 2021
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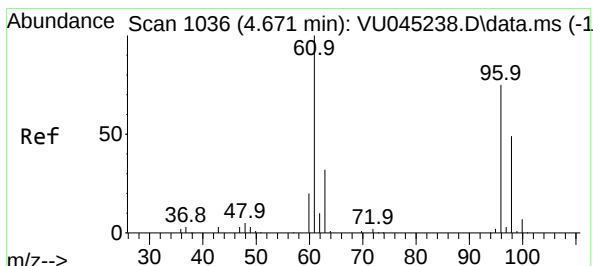
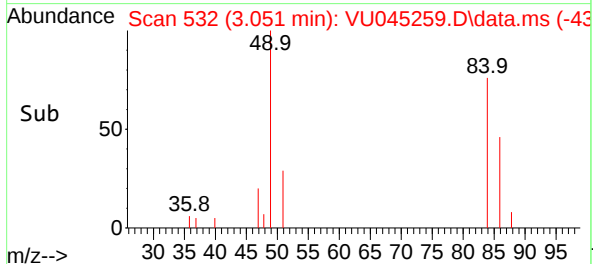
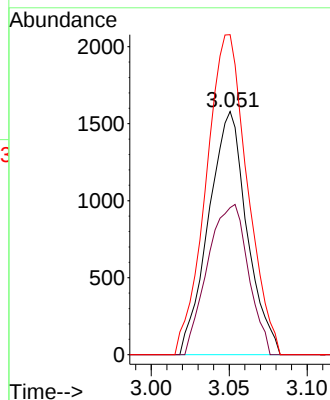


#16
Methylene chloride
Concen: 0.978 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045259.D
Acq: 08 Oct 2021 18:14

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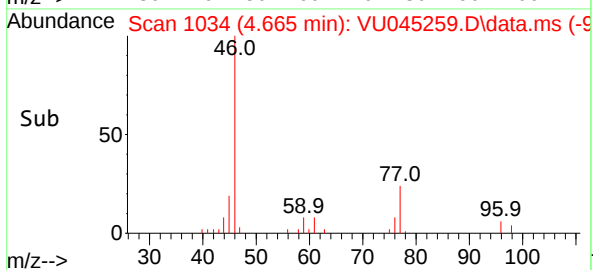
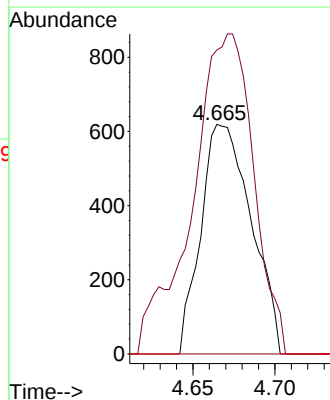
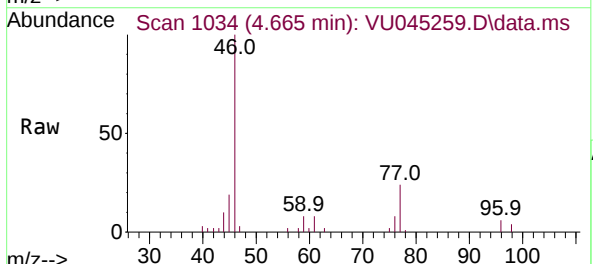


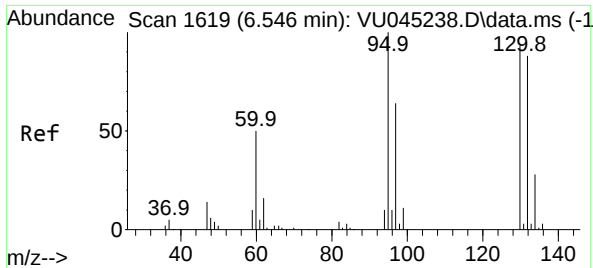
Tgt Ion:	84	Resp:	2708
Ion	Ratio	Lower	Upper
84	100		
86	60.5	44.7	83.1
49	131.6	92.9	172.5



#20
cis-1,2-Dichloroethene
Concen: 0.520 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.007 min
Lab File: VU045259.D
Acq: 08 Oct 2021 18:14

Tgt Ion:	96	Resp:	1321
Ion	Ratio	Lower	Upper
96	100		
61	132.5	100.2	186.0
68	0.0	0.0	0.0



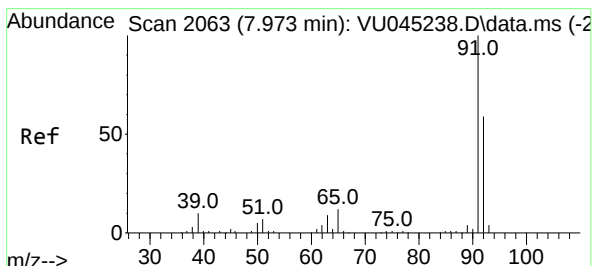
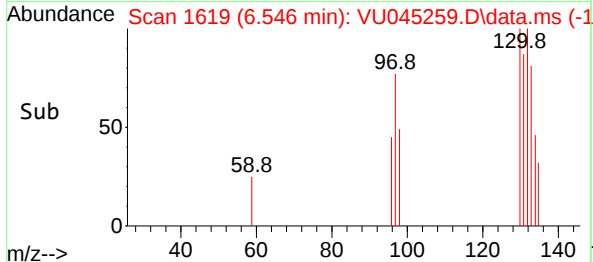
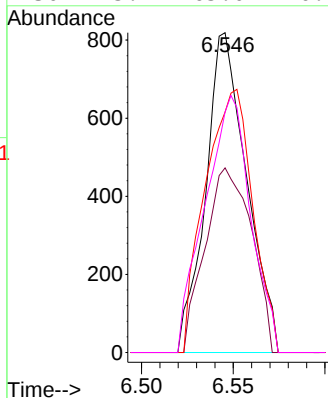
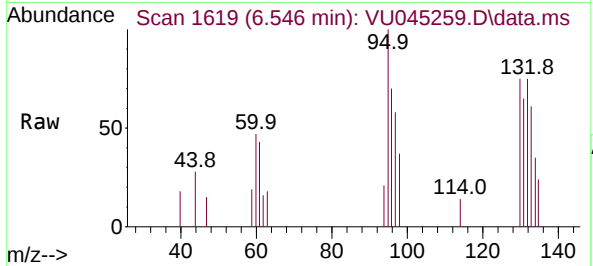


#34
Trichloroethene
Concen: 0.523 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045259.D
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Tgt Ion: 95 Resp: 1273

Ion	Ratio	Lower	Upper
95	100		
97	57.8	44.4	82.4
132	75.2	62.9	116.9
130	75.2	65.0	120.8



#42
Toluene
Concen: 0.623 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045259.D
Acq: 08 Oct 2021 18:14

Tgt Ion: 91 Resp: 6417

Ion	Ratio	Lower	Upper
91	100		
92	57.2	40.5	75.1

