

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
 Data File : VU045290.D
 Acq On : 12 Oct 2021 14:35
 Operator : SY/MD
 Sample : M4103-05ME
 Misc : 4.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB9ME

Quant Time: Oct 13 02:53:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 13 02:48:52 2021
 Response via : Initial Calibration

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

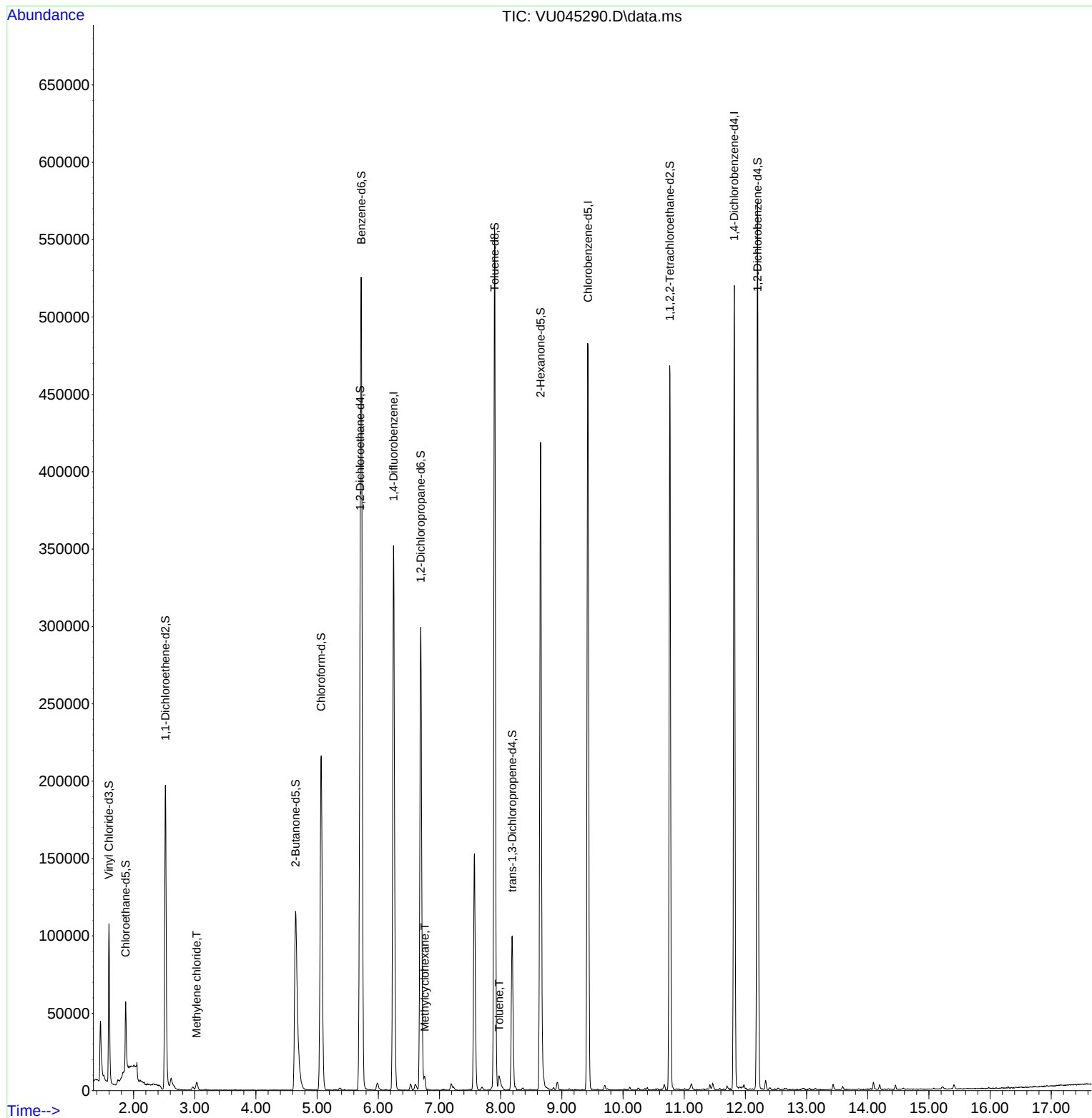
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	294165	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	281571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	127270	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82829	25.721	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.440%#
7) Chloroethane-d5	1.871	69	30649	12.011	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	24.020%#
11) 1,1-Dichloroethene-d2	2.520	63	134365	24.846	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.700%#
21) 2-Butanone-d5	4.649	46	237442	93.267	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.270%
24) Chloroform-d	5.067	84	209482	41.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.380%
26) 1,2-Dichloroethane-d4	5.703	65	154025	44.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.420%
32) Benzene-d6	5.722	84	437955	44.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.640%
36) 1,2-Dichloropropane-d6	6.693	67	148336	46.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.120%
41) Toluene-d8	7.899	98	376116	44.607	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.220%
43) trans-1,3-Dichloroprop...	8.189	79	62758	44.285	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.580%
47) 2-Hexanone-d5	8.652	63	166921	94.547	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.550%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	237439	47.862	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.720%
66) 1,2-Dichlorobenzene-d4	12.198	152	139561	50.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.780%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.031	84	2770	0.960	ug/L	88
35) Methylcyclohexane	6.758	83	3012	0.717	ug/L	90
42) Toluene	7.976	91	6586	0.621	ug/L	99

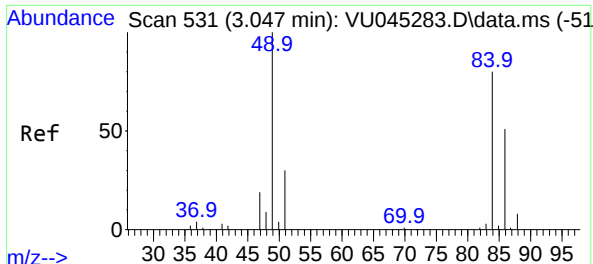
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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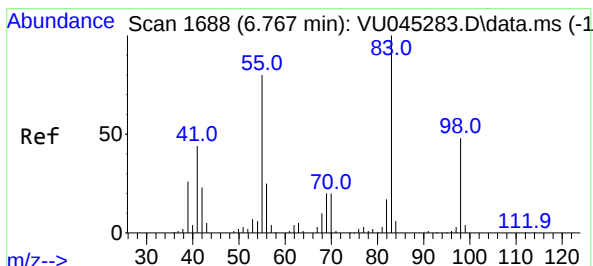
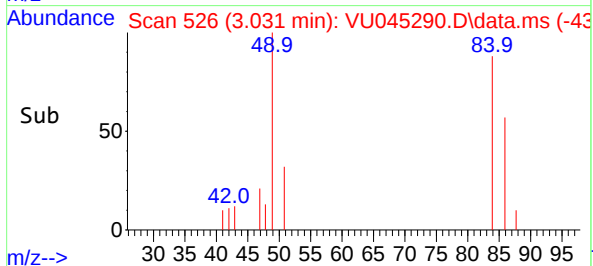
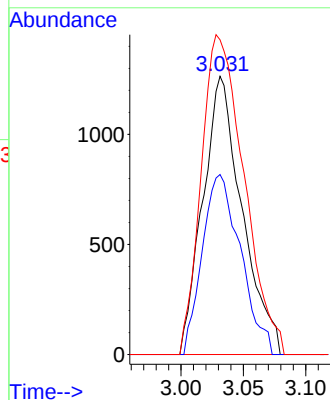
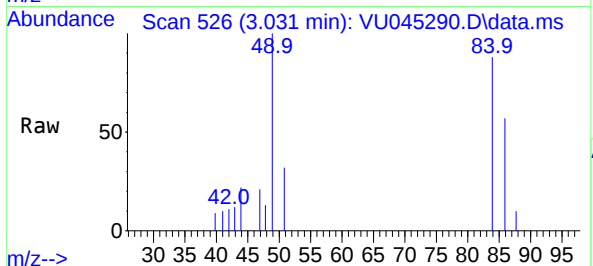




#16
Methylene chloride
Concen: 0.960 ug/L
RT: 3.031 min Scan# 526
Delta R.T. -0.016 min
Lab File: VU045290.D
Acq: 12 Oct 2021 14:35

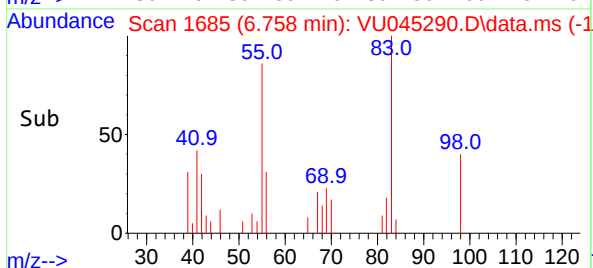
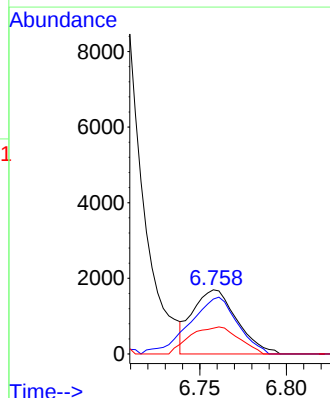
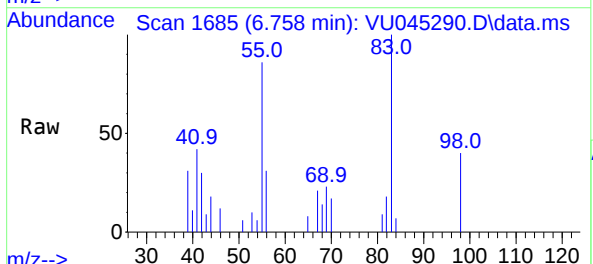
Instrument :
MSVOA_U
ClientSampled :
C0AB9ME

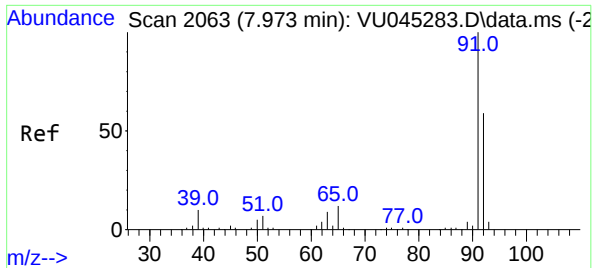
Tgt Ion: 84 Resp: 2770
Ion Ratio Lower Upper
84 100
86 64.7 44.7 83.1
49 113.1 92.9 172.5



#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.010 min
Lab File: VU045290.D
Acq: 12 Oct 2021 14:35

Tgt Ion: 83 Resp: 3012
Ion Ratio Lower Upper
83 100
55 95.8 65.8 98.6
98 46.4 37.1 55.7





#42
Toluene
Concen: 0.621 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU045290.D
Acq: 12 Oct 2021 14:35

Instrument :
MSVOA_U
ClientSampleId :
C0AB9ME

Tgt Ion: 91 Resp: 6586
Ion Ratio Lower Upper
91 100
92 58.9 40.5 75.1

