

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048171.D
 Acq On : 21 Apr 2022 14:33
 Operator : SY/MD
 Sample : VIBLK064
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK064

Quant Time: Apr 22 01:50:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

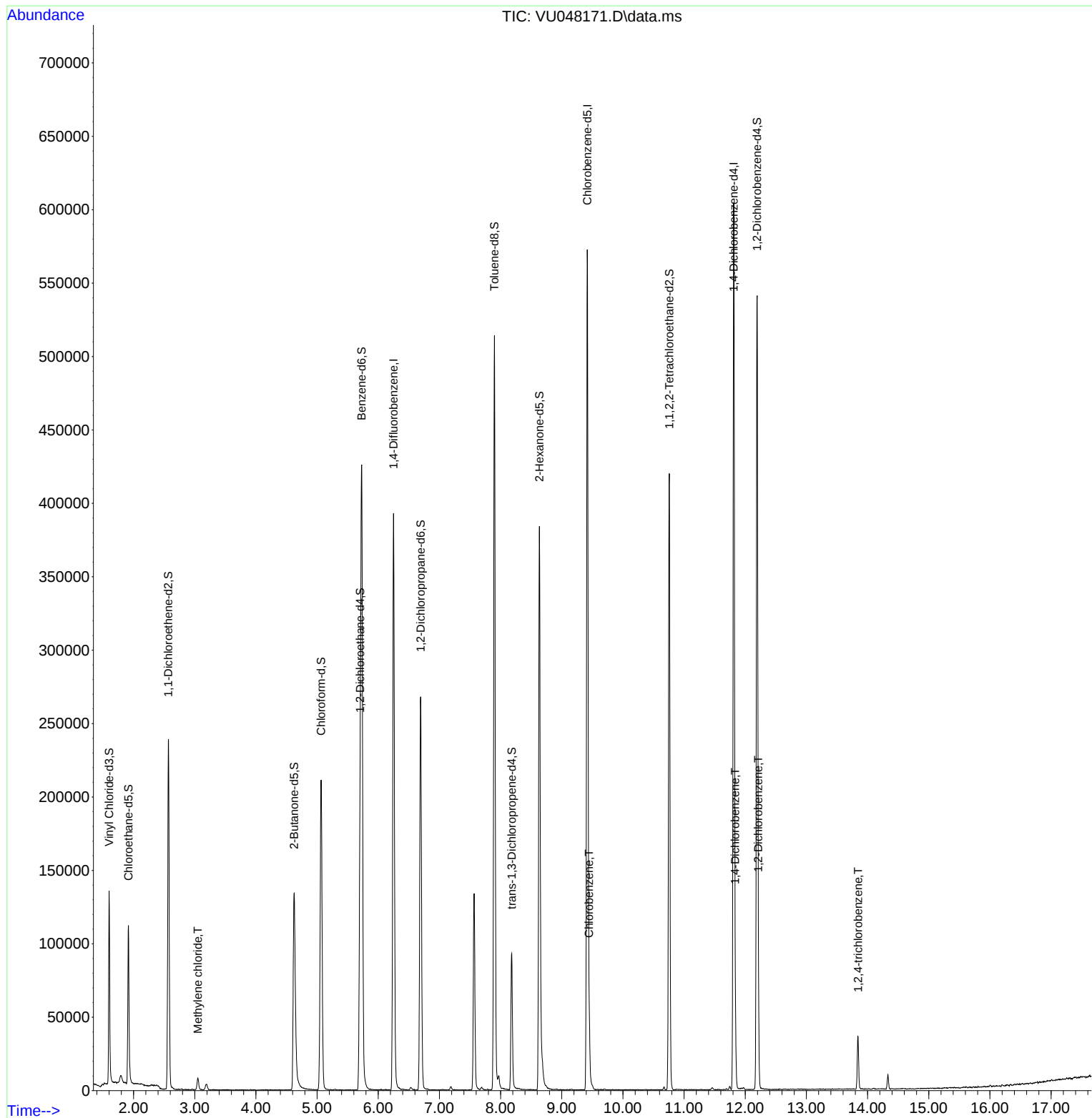
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	333910	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	352342	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	173217	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	100006	41.301	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.600%
7) Chloroethane-d5	1.916	69	86067	45.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.160%
11) 1,1-Dichloroethene-d2	2.568	63	137058	30.938	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.880%
21) 2-Butanone-d5	4.623	46	195112	93.879	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.880%
24) Chloroform-d	5.066	84	202970	45.812	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.620%
26) 1,2-Dichloroethane-d4	5.703	65	125855	46.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
32) Benzene-d6	5.729	84	409085	46.141	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.280%
36) 1,2-Dichloropropane-d6	6.693	67	136794	50.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	7.899	98	353379	40.910	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.820%
43) trans-1,3-Dichloroprop...	8.182	79	55359	40.132	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.260%
47) 2-Hexanone-d5	8.635	63	133950	84.038	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	208128	44.540	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.080%
66) 1,2-Dichlorobenzene-d4	12.195	152	154618	50.173	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.340%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.051	84	4362	1.660	ug/L	96
51) Chlorobenzene	9.446	112	20038	2.637	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	17058	3.165	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	15412	2.960	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	12710	3.434	ug/L	97

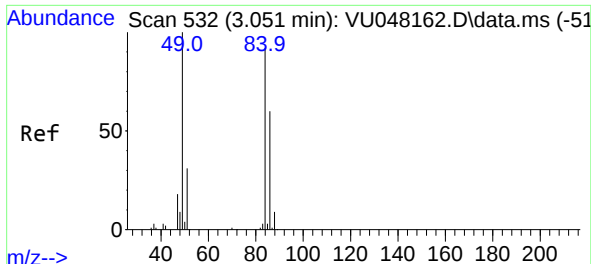
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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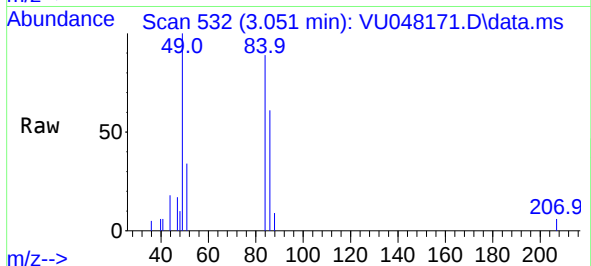
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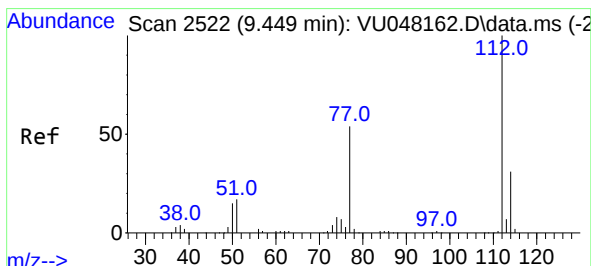
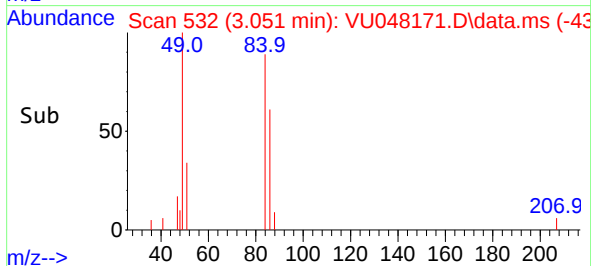
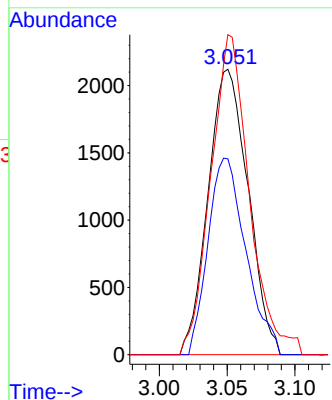
#16
Methylene chloride
Concen: 1.660 ug/L
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048171.D
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Instrument :
MSVOA_U
ClientSampleId :
VIBLK064



Tgt Ion: 84 Resp: 4362

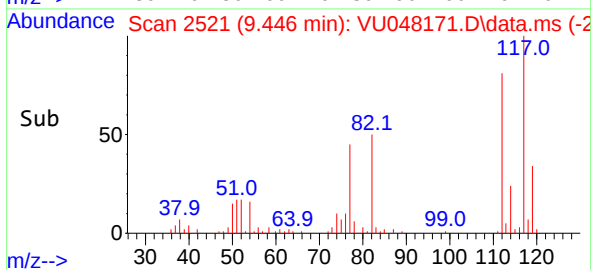
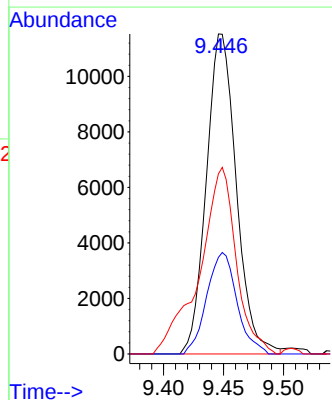
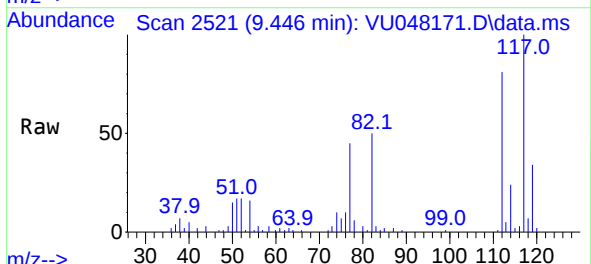
Ion	Ratio	Lower	Upper
84	100		
86	68.6	46.0	85.4
49	112.1	75.3	139.8

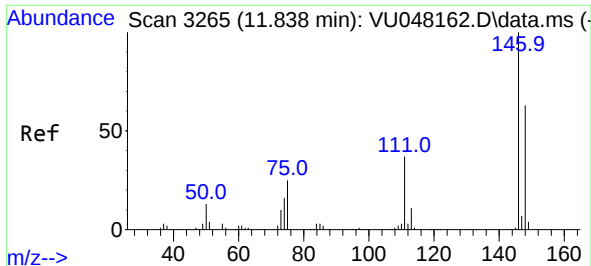


#51
Chlorobenzene
Concen: 2.637 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048171.D
Acq: 21 Apr 2022 14:33

Tgt Ion: 112 Resp: 20038

Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.1	41.1
77	56.3	43.4	65.0

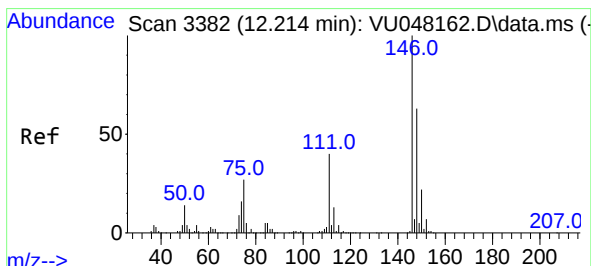
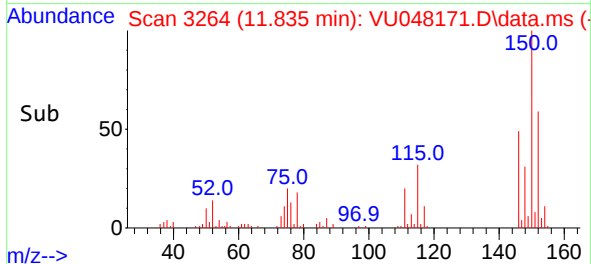
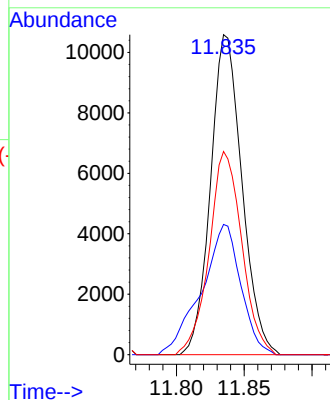
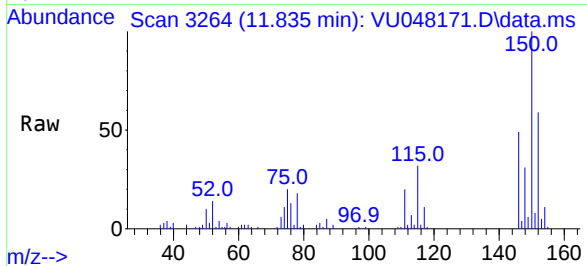




#65
1,4-Dichlorobenzene
Concen: 3.165 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048171.D
Acq: 21 Apr 2022 14:33

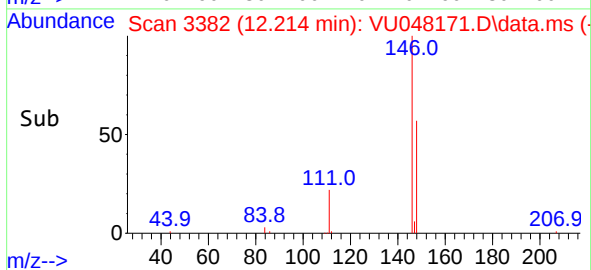
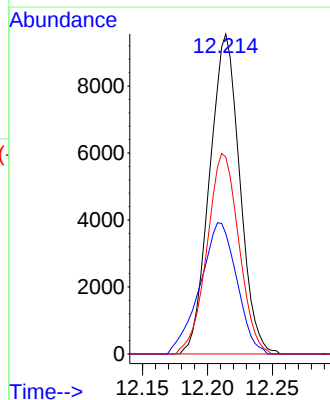
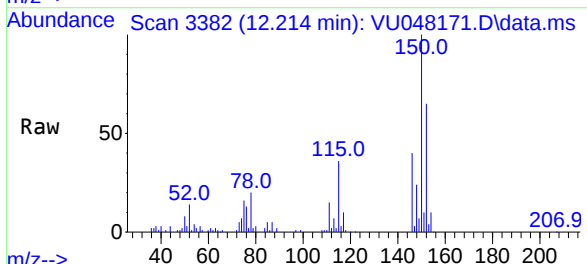
Instrument :
MSVOA_U
ClientSampleId :
VIBLK064

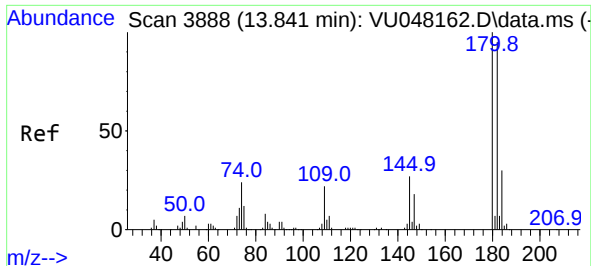
Tgt Ion:146 Resp: 17058
Ion Ratio Lower Upper
146 100
111 40.7 25.3 47.1
148 63.5 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 2.960 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048171.D
Acq: 21 Apr 2022 14:33

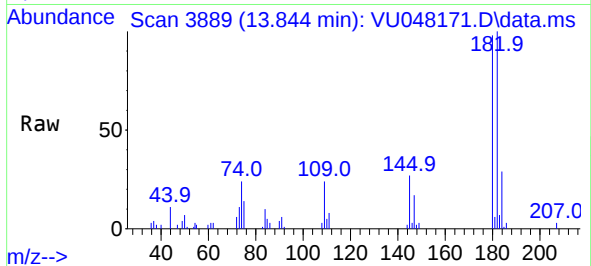
Tgt Ion:146 Resp: 15412
Ion Ratio Lower Upper
146 100
111 37.6 31.7 47.5
148 61.6 51.4 77.2





#70
1,2,4-trichlorobenzene
Concen: 3.434 ug/L
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048171.D
Acq: 21 Apr 2022 14:33

Instrument :
MSVOA_U
ClientSampleId :
VIBLK064



Tgt Ion:	180	Resp:	12710
Ion	Ratio	Lower	Upper
180	100		
182	98.5	76.2	114.2
145	28.6	21.8	32.8

