

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030223\
 Data File : VU053177.D
 Acq On : 02 Mar 2023 11:05
 Operator : JC/MD
 Sample : 01745-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COLE7

Quant Time: Mar 03 01:45:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 03 01:44:16 2023
 Response via : Initial Calibration

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

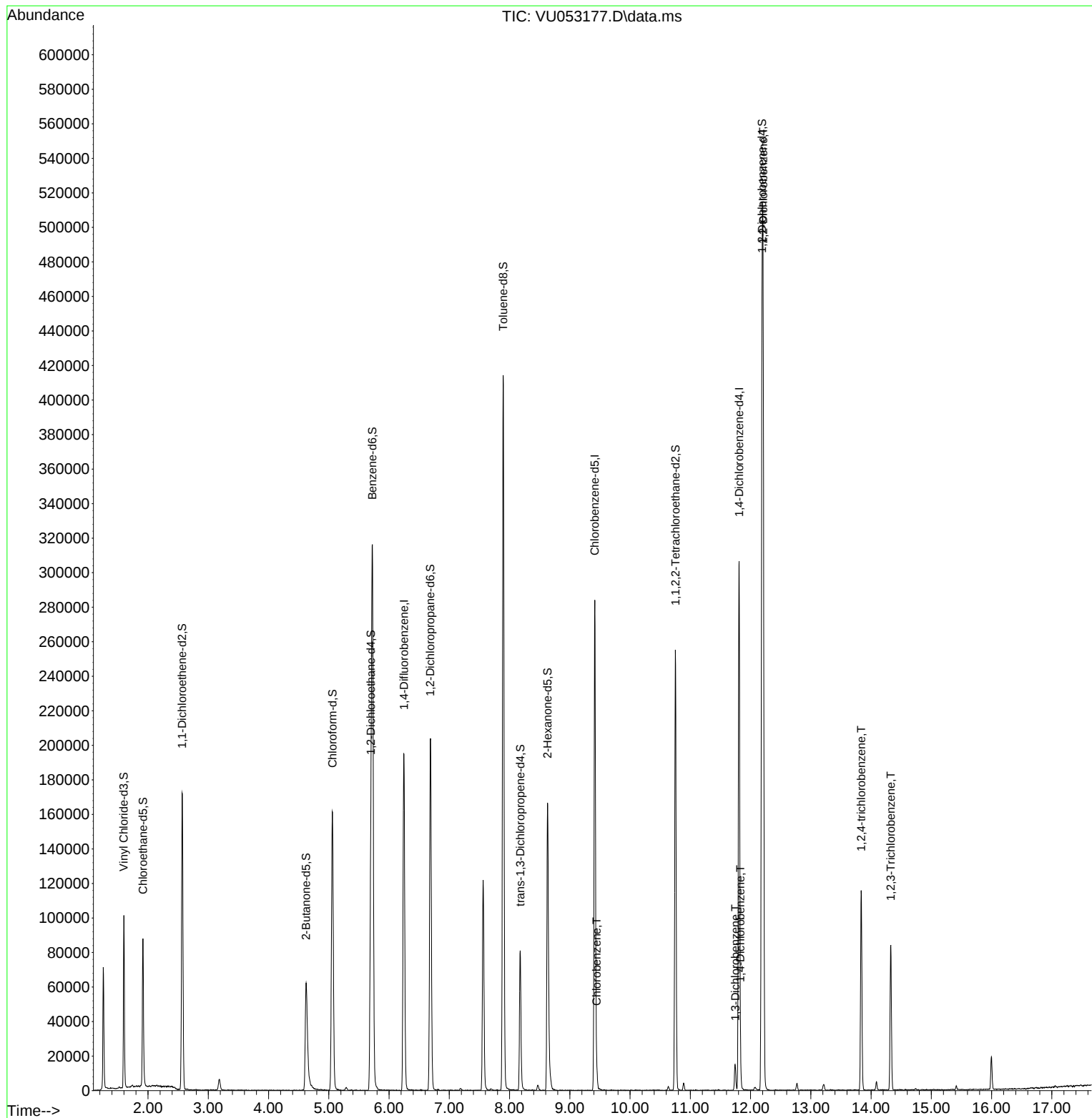
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	158024	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	151982	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	75853	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	69986	48.211	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.420%
7) Chloroethane-d5	1.916	69	63232	51.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.940%
11) 1,1-Dichloroethene-d2	2.566	63	100407	40.324	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.640%
21) 2-Butanone-d5	4.620	46	80567	106.193	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.190%
24) Chloroform-d	5.061	84	146179	57.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.160%
26) 1,2-Dichloroethane-d4	5.698	65	94297	57.905	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.820%
32) Benzene-d6	5.723	84	302582	55.809	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.620%
36) 1,2-Dichloropropane-d6	6.685	67	99765	56.326	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.660%
41) Toluene-d8	7.894	98	281904	56.154	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.300%
43) trans-1,3-Dichloroprop...	8.177	79	48377	53.628	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.260%
47) 2-Hexanone-d5	8.630	63	62643	102.383	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.380%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	128806	54.639	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.280%
66) 1,2-Dichlorobenzene-d4	12.189	152	95906	56.874	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.740%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.443	112	5861	1.664	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	6159	2.484	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	3225	1.282	ug/L	87
67) 1,2-Dichlorobenzene	12.209	146	144867	57.799	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	30995	19.481	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	23434	14.669	ug/L	98

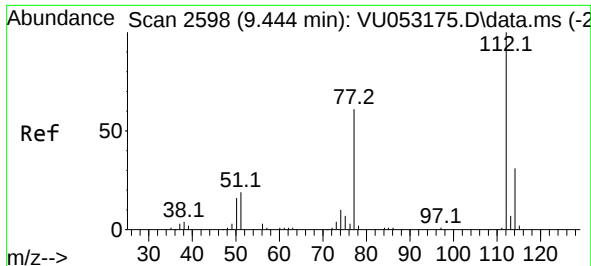
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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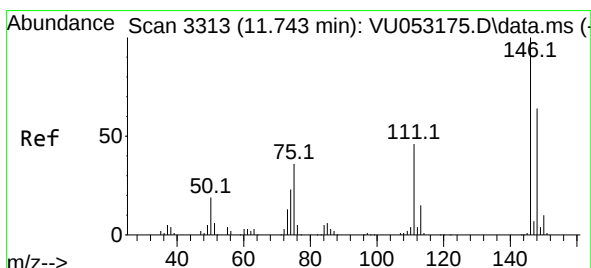
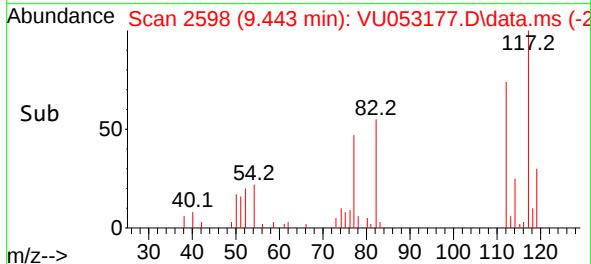
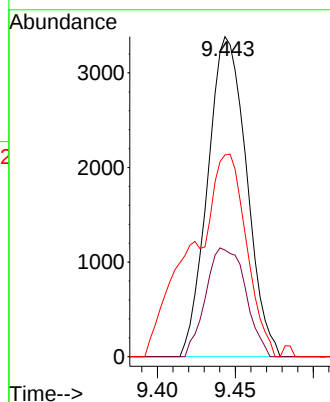
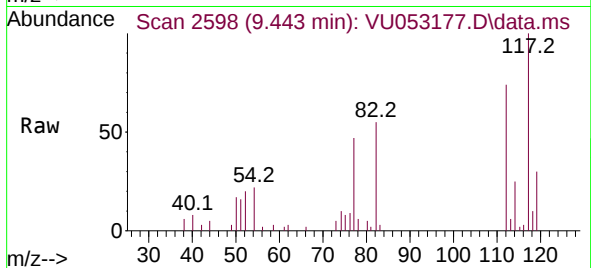




#51
Chlorobenzene
Concen: 1.664 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053177.D
Acq: 02 Mar 2023 11:05

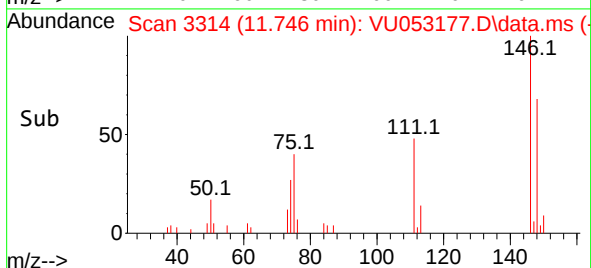
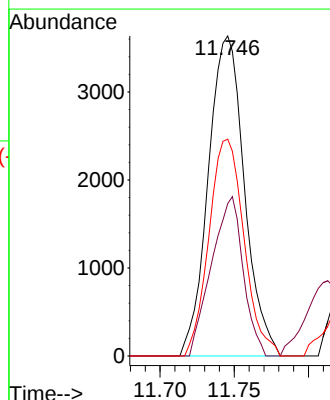
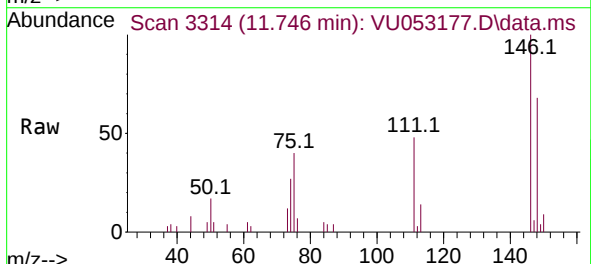
Instrument :
MSVOA_U
ClientSampleId :
COLE7

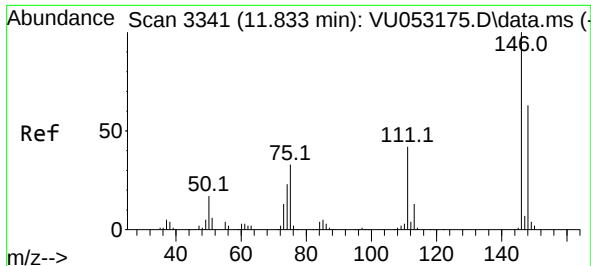
Tgt Ion:	112	Resp:	5861
Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.3	41.3
77	63.1	48.8	73.2



#64
1,3-Dichlorobenzene
Concen: 2.484 ug/L
RT: 11.746 min Scan# 3314
Delta R.T. 0.003 min
Lab File: VU053177.D
Acq: 02 Mar 2023 11:05

Tgt Ion:	146	Resp:	6159
Ion	Ratio	Lower	Upper
146	100		
111	47.6	32.1	59.5
148	67.7	44.2	82.2





#65

1,4-Dichlorobenzene

Concen: 1.282 ug/L

RT: 11.832 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053177.D

Acq: 02 Mar 2023 11:05

Instrument :

MSVOA_U

ClientSampleId :

COLE7

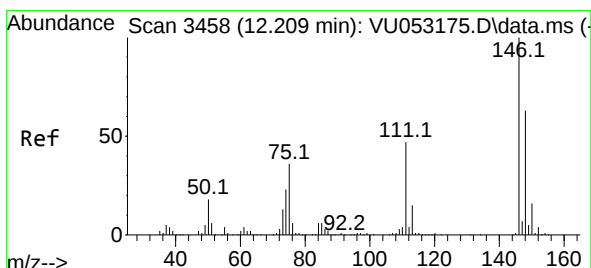
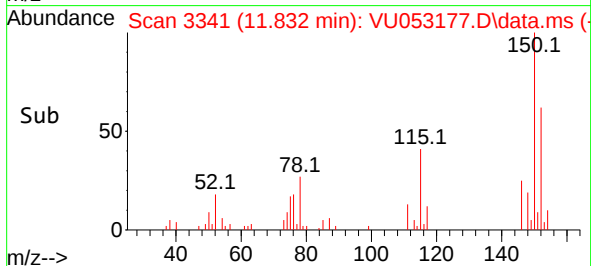
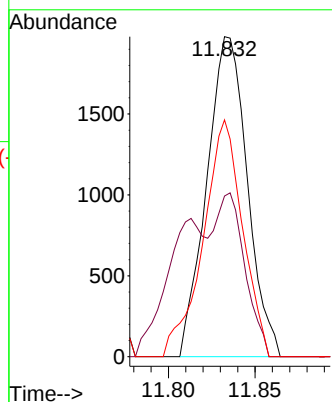
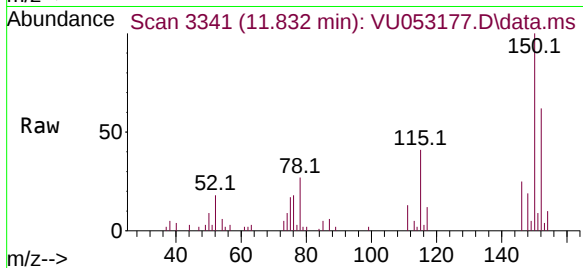
Tgt Ion:146 Resp: 3225

Ion Ratio Lower Upper

146 100

111 50.2 29.9 55.5

148 74.0 44.0 81.6



#67

1,2-Dichlorobenzene

Concen: 57.799 ug/L

RT: 12.209 min Scan# 3458

Delta R.T. -0.000 min

Lab File: VU053177.D

Acq: 02 Mar 2023 11:05

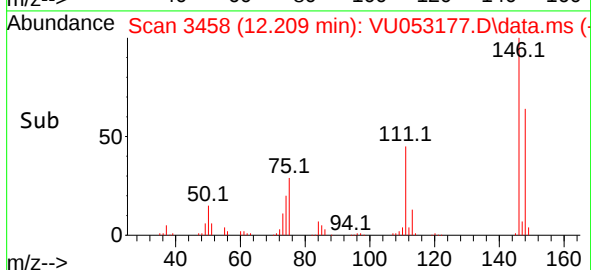
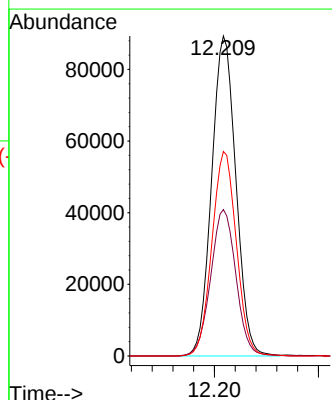
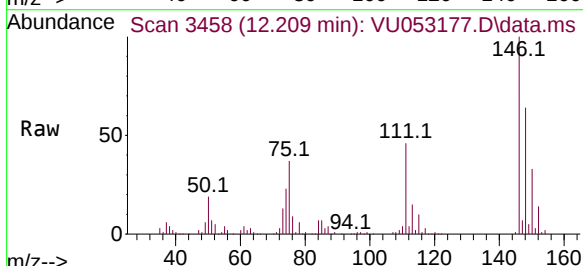
Tgt Ion:146 Resp: 144867

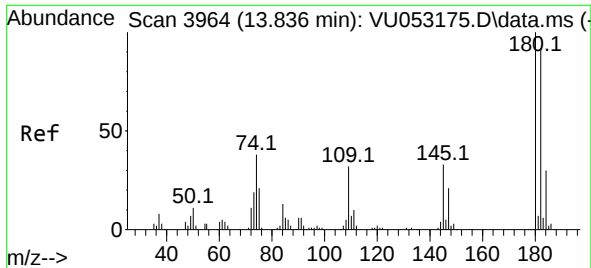
Ion Ratio Lower Upper

146 100

111 45.8 37.8 56.6

148 63.9 50.4 75.6

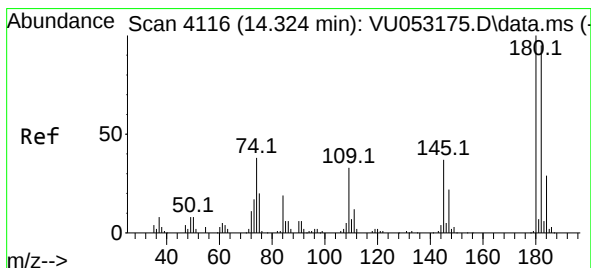
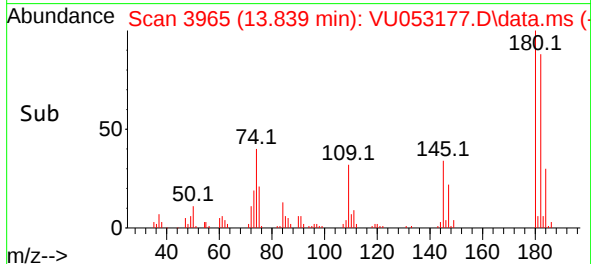
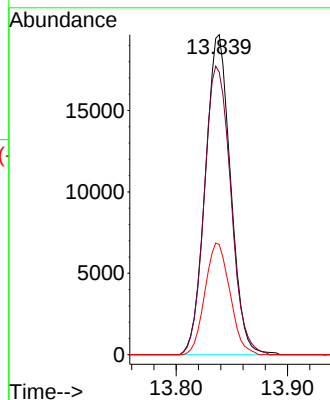
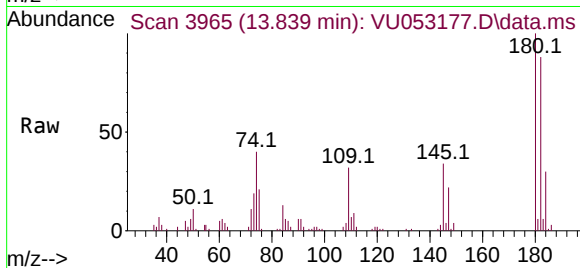




#70
1,2,4-trichlorobenzene
Concen: 19.481 ug/L
RT: 13.839 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU053177.D
Acq: 02 Mar 2023 11:05

Instrument :
MSVOA_U
ClientSampleId :
COLE7

Tgt Ion:180 Resp: 30995
Ion Ratio Lower Upper
180 100
182 94.5 76.4 114.6
145 34.4 26.8 40.2



#72
1,2,3-Trichlorobenzene
Concen: 14.669 ug/L
RT: 14.327 min Scan# 4117
Delta R.T. 0.003 min
Lab File: VU053177.D
Acq: 02 Mar 2023 11:05

Tgt Ion:180 Resp: 23434
Ion Ratio Lower Upper
180 100
182 91.7 75.4 113.2
145 35.4 28.2 42.2

