

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048195.D
 Acq On : 22 Apr 2022 00:49
 Operator : SY/MD
 Sample : N2488-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J95

Quant Time: Apr 22 06:36:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

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

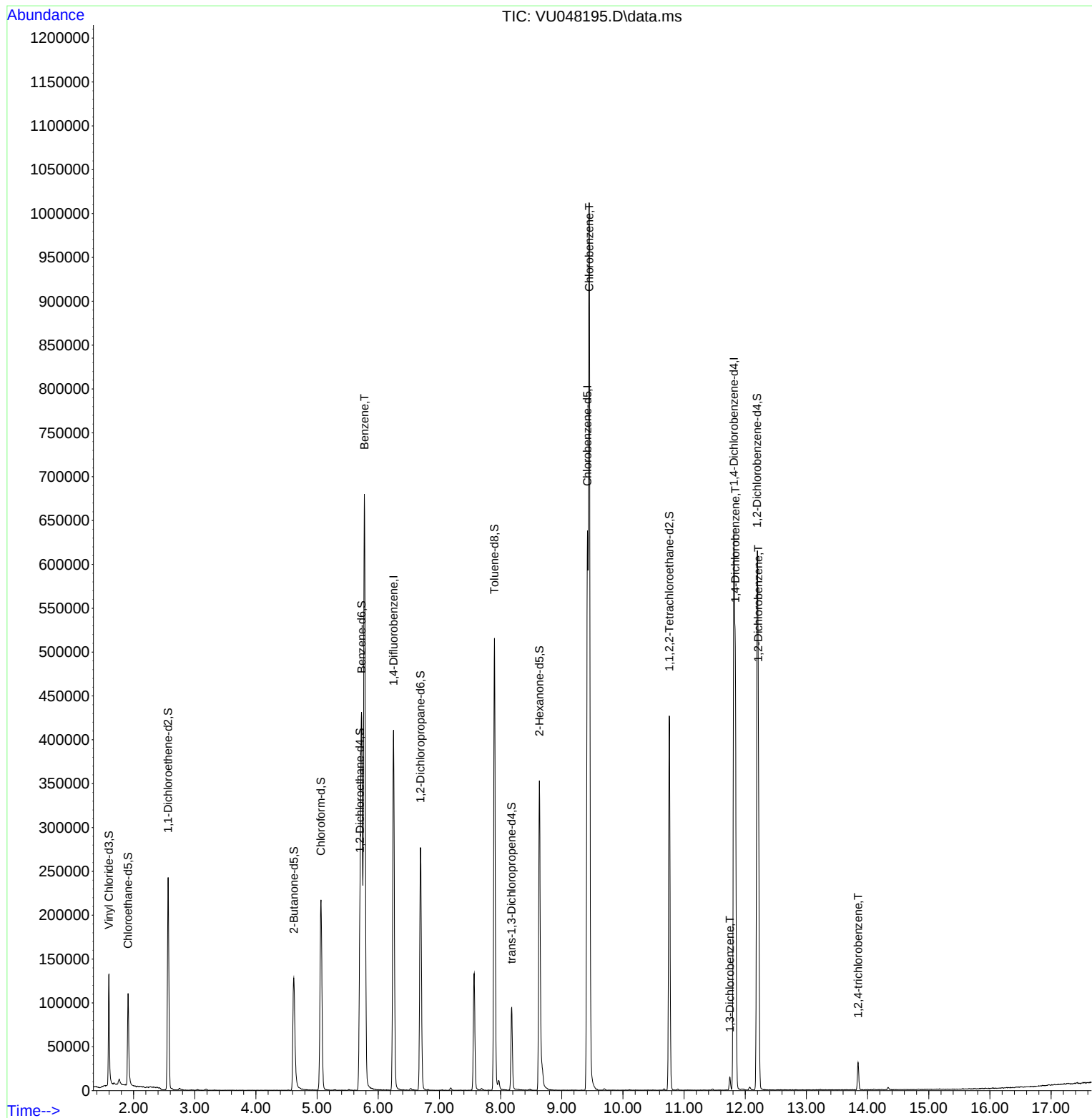
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	352096	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	367197	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	173171	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99610	39.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.020%
7) Chloroethane-d5	1.909	69	87805	43.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.220%
11) 1,1-Dichloroethene-d2	2.565	63	139225	29.803	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.600%#
21) 2-Butanone-d5	4.620	46	188408	85.971	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.970%
24) Chloroform-d	5.063	84	208262	44.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	5.700	65	131127	45.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.520%
32) Benzene-d6	5.729	84	411924	44.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
36) 1,2-Dichloropropane-d6	6.690	67	139168	49.044	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.080%
41) Toluene-d8	7.899	98	351097	39.001	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.000%#
43) trans-1,3-Dichloroprop...	8.179	79	53511	37.223	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.440%
47) 2-Hexanone-d5	8.636	63	119218	71.769	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.770%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	212922	43.723	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.440%
66) 1,2-Dichlorobenzene-d4	12.195	152	152947	49.644	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.280%
Target Compounds						
					Qvalue	
33) Benzene	5.774	78	663304	62.407	ug/L	100
51) Chlorobenzene	9.449	112	566788	71.578	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	6988	1.343	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	191908	35.617	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	140100	26.916	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	11004	2.974	ug/L	98

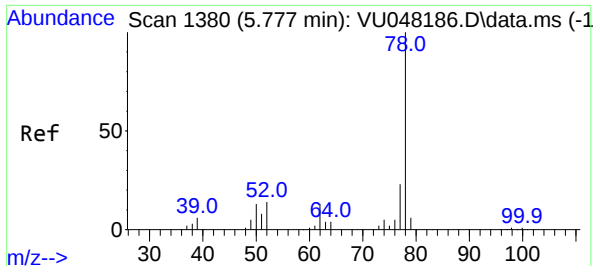
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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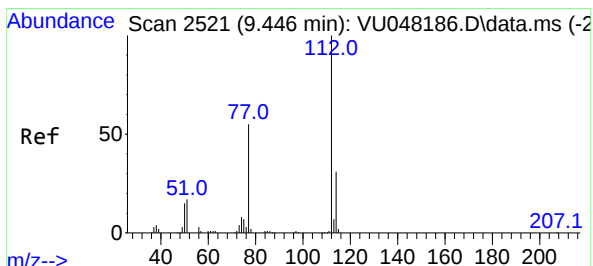
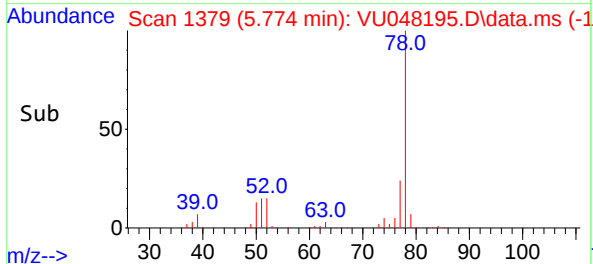
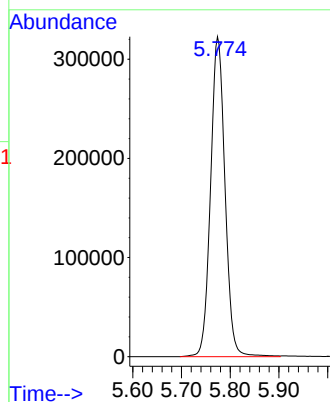
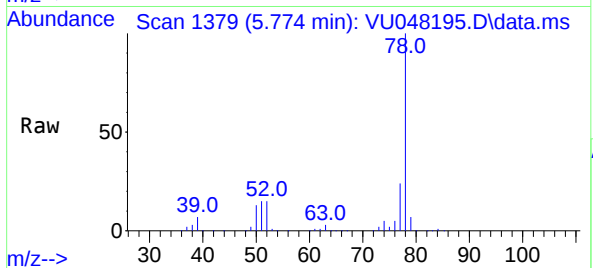




#33
Benzene
Concen: 62.407 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048195.D
Acq: 22 Apr 2022 00:49

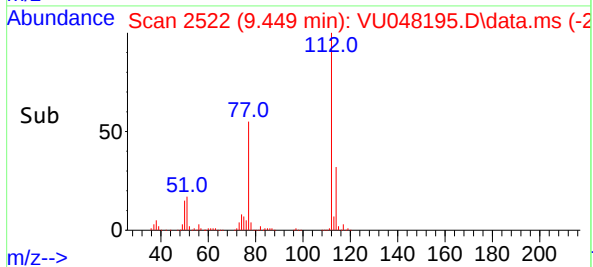
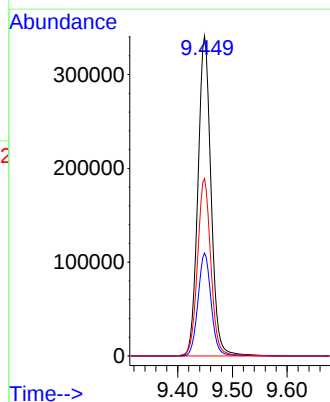
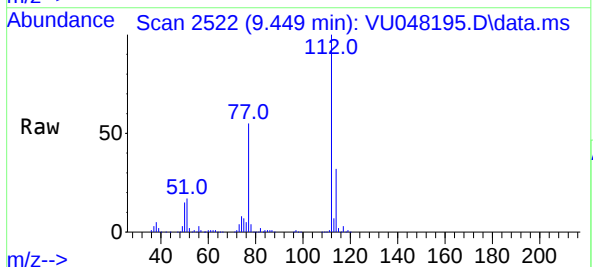
Instrument :
MSVOA_U
ClientSampleId :
C0J95

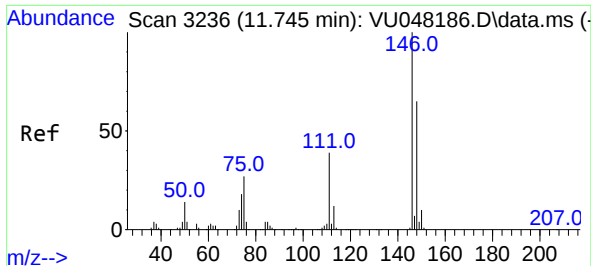
Tgt Ion: 78 Resp: 663304



#51
Chlorobenzene
Concen: 71.578 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU048195.D
Acq: 22 Apr 2022 00:49

Tgt Ion: 112 Resp: 566788
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 55.4 43.4 65.0

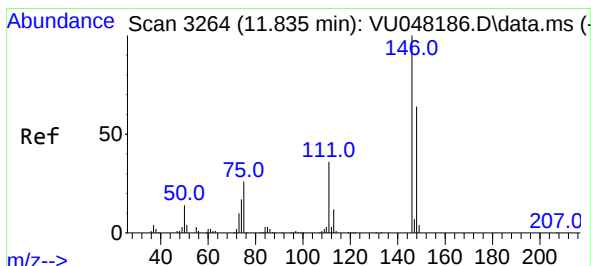
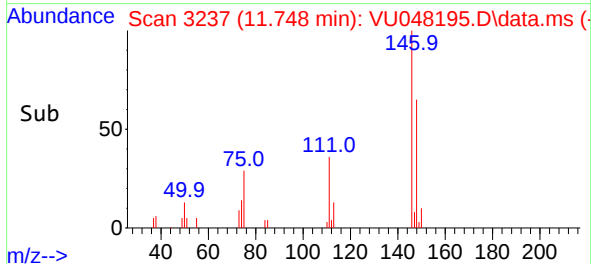
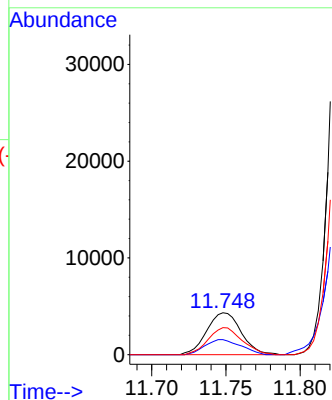
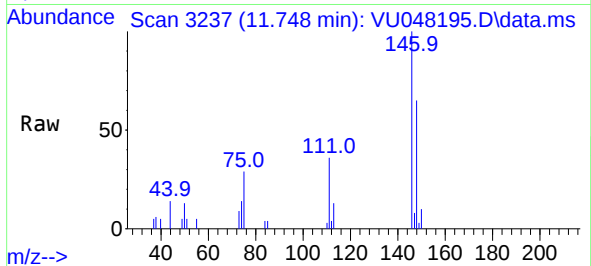




#64
1,3-Dichlorobenzene
Concen: 1.343 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048195.D
Acq: 22 Apr 2022 00:49

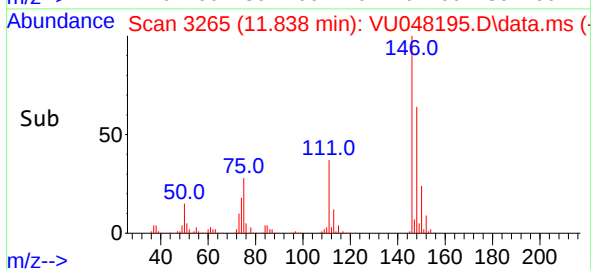
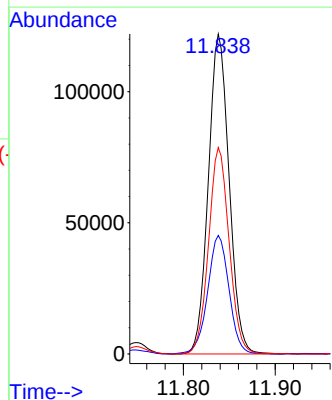
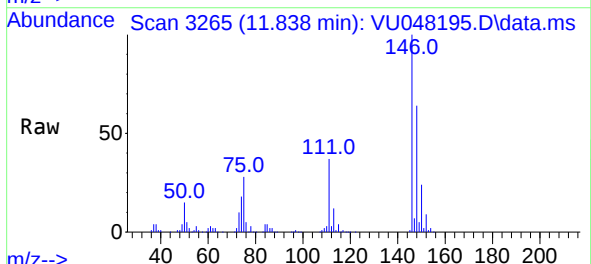
Instrument :
MSVOA_U
ClientSampleId :
C0J95

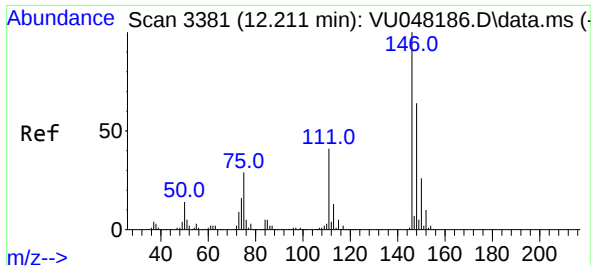
Tgt Ion:146 Resp: 6988
Ion Ratio Lower Upper
146 100
111 35.9 26.7 49.7
148 64.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 35.617 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048195.D
Acq: 22 Apr 2022 00:49

Tgt Ion:146 Resp: 191908
Ion Ratio Lower Upper
146 100
111 37.1 25.3 47.1
148 64.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 26.916 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048195.D

Acq: 22 Apr 2022 00:49

Instrument :

MSVOA_U

ClientSampleId :

C0J95

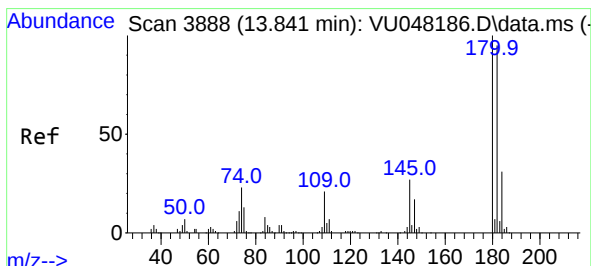
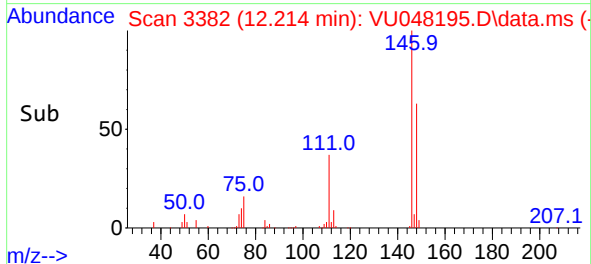
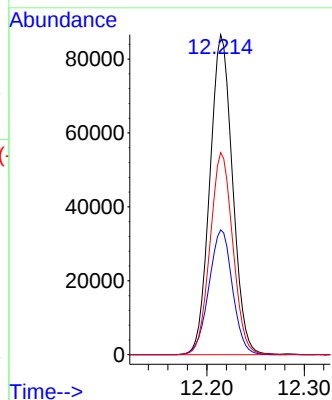
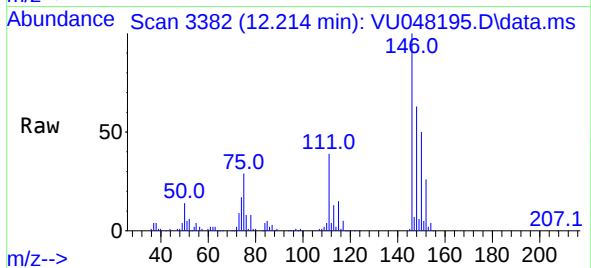
Tgt Ion:146 Resp: 140100

Ion Ratio Lower Upper

146 100

111 39.0 31.7 47.5

148 63.1 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 2.974 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU048195.D

Acq: 22 Apr 2022 00:49

Tgt Ion:180 Resp: 11004

Ion Ratio Lower Upper

180 100

182 97.2 76.2 114.2

145 27.2 21.8 32.8

