

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053617.D
 Acq On : 10 Apr 2023 16:02
 Operator : JC/MD
 Sample : 02251-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD2

Quant Time: Apr 11 02:22:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 02:19:45 2023
 Response via : Initial Calibration

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

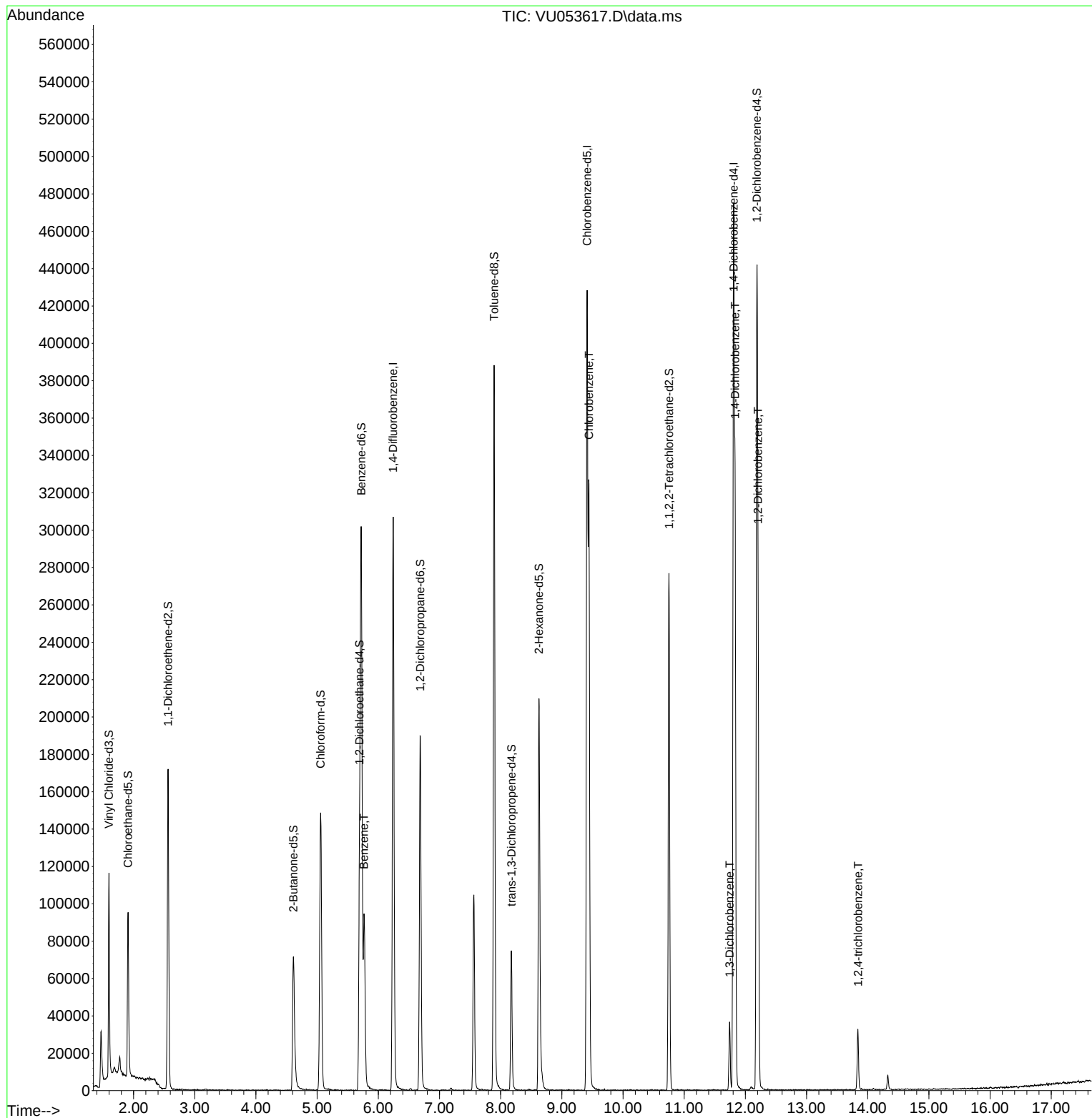
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	260520	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	243306	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	121841	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	81957	40.401	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.800%
7) Chloroethane-d5	1.909	69	69927	44.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.420%
11) 1,1-Dichloroethene-d2	2.562	63	97185	30.949	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.900%
21) 2-Butanone-d5	4.613	46	100458	109.378	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.380%
24) Chloroform-d	5.057	84	143114	42.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.320%
26) 1,2-Dichloroethane-d4	5.694	65	91277	46.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
32) Benzene-d6	5.723	84	290201	44.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.380%
36) 1,2-Dichloropropane-d6	6.684	67	92539	46.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.200%
41) Toluene-d8	7.893	98	266294	40.796	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.176	79	44111	42.570	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.140%
47) 2-Hexanone-d5	8.626	63	77547	113.192	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.190%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	137079	48.450	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.900%
66) 1,2-Dichlorobenzene-d4	12.189	152	106441	41.852	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.700%
Target Compounds						
					Qvalue	
33) Benzene	5.768	78	90911	14.341	ug/L	100
51) Chlorobenzene	9.443	112	180712	36.510	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	14602	3.879	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	122362	31.896	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	85199	22.711	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	10754	4.161	ug/L	99

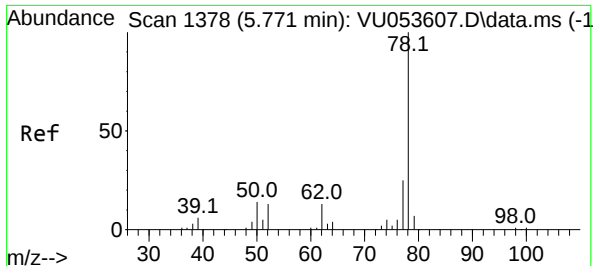
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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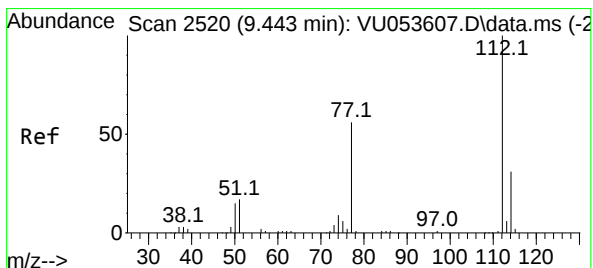
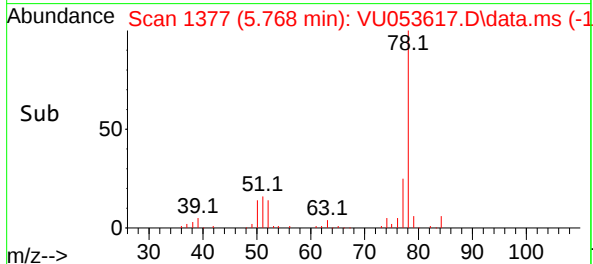
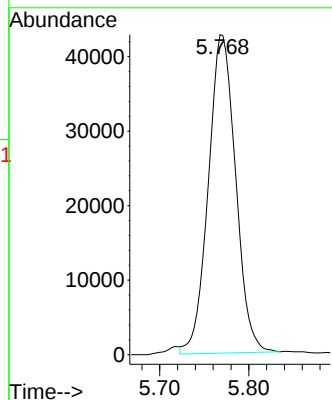
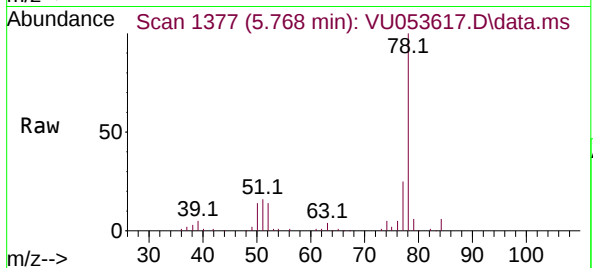




#33
Benzene
Concen: 14.341 ug/L
RT: 5.768 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053617.D
Acq: 10 Apr 2023 16:02

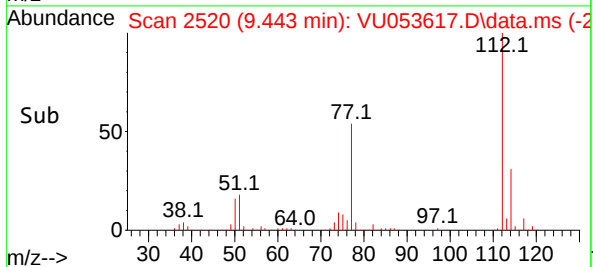
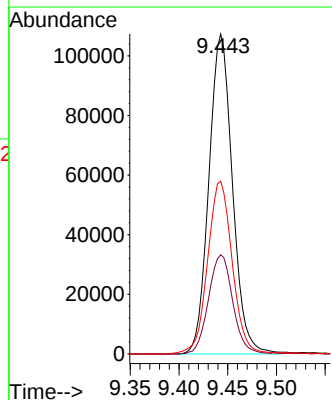
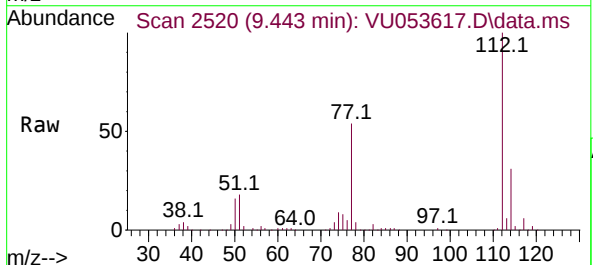
Instrument :
MSVOA_U
ClientSampleId :
COMD2

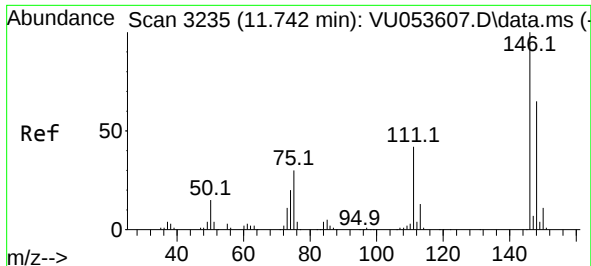
Tgt Ion: 78 Resp: 90911



#51
Chlorobenzene
Concen: 36.510 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053617.D
Acq: 10 Apr 2023 16:02

Tgt Ion: 112 Resp: 180712
Ion Ratio Lower Upper
112 100
114 31.0 22.2 41.2
77 54.0 41.3 61.9

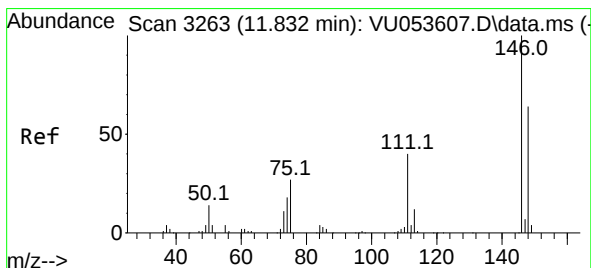
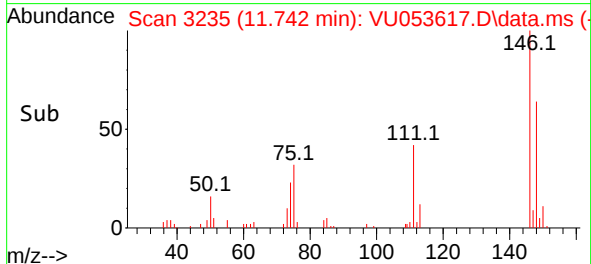
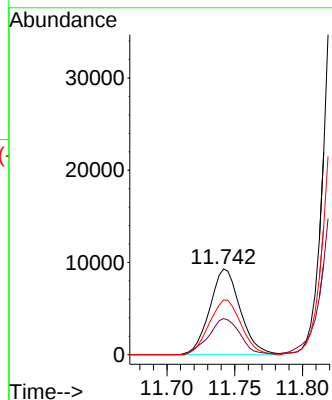
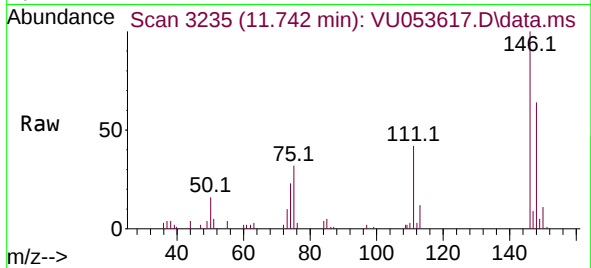




#64
1,3-Dichlorobenzene
Concen: 3.879 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053617.D
Acq: 10 Apr 2023 16:02

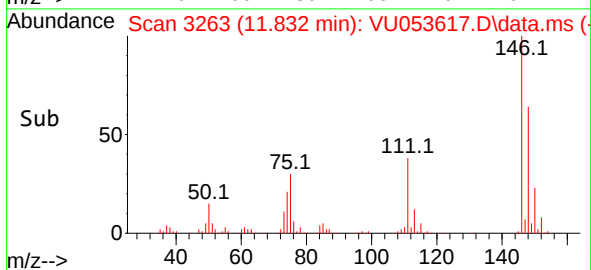
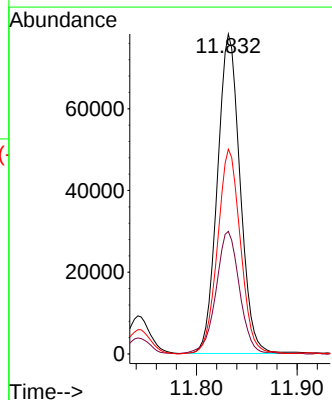
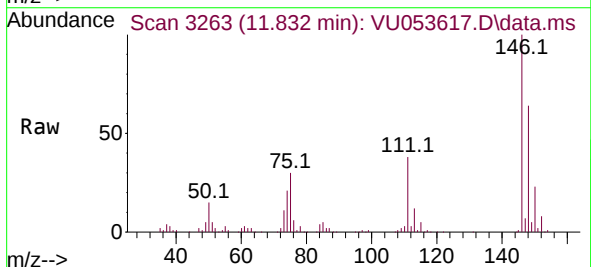
Instrument :
MSVOA_U
ClientSampleId :
COMD2

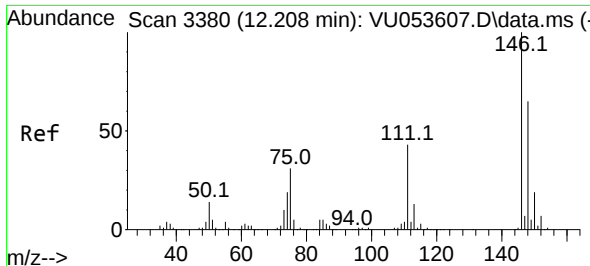
Tgt Ion:146 Resp: 14602
Ion Ratio Lower Upper
146 100
111 42.0 25.7 47.7
148 63.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 31.896 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053617.D
Acq: 10 Apr 2023 16:02

Tgt Ion:146 Resp: 122362
Ion Ratio Lower Upper
146 100
111 38.3 25.1 46.5
148 64.0 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 22.711 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053617.D

Acq: 10 Apr 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

COMD2

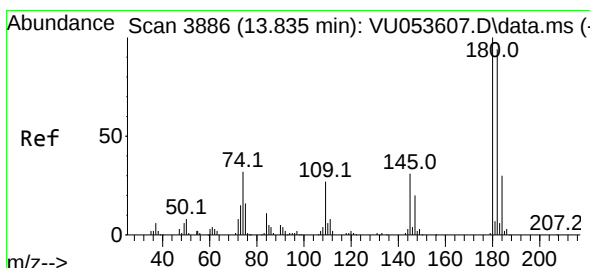
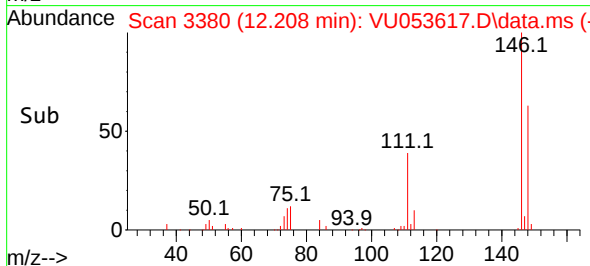
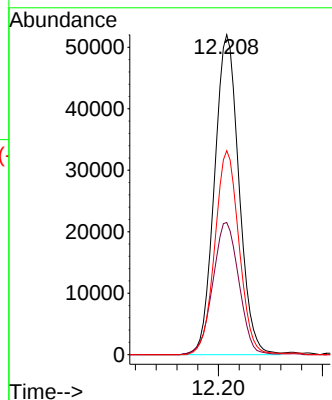
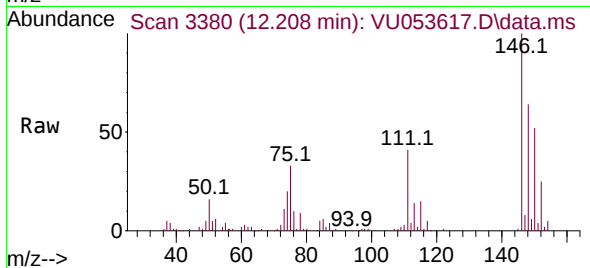
Tgt Ion:146 Resp: 85199

Ion Ratio Lower Upper

146 100

111 41.3 31.5 47.3

148 63.7 51.6 77.4



#70

1,2,4-trichlorobenzene

Concen: 4.161 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.006 min

Lab File: VU053617.D

Acq: 10 Apr 2023 16:02

Tgt Ion:180 Resp: 10754

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 30.9 23.4 35.2

