

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
 Data File : VU051470.D
 Acq On : 20 Oct 2022 14:29
 Operator : JC/MD
 Sample : N5180-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0TF1

Quant Time: Oct 20 22:26:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
 Response via : Initial Calibration

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

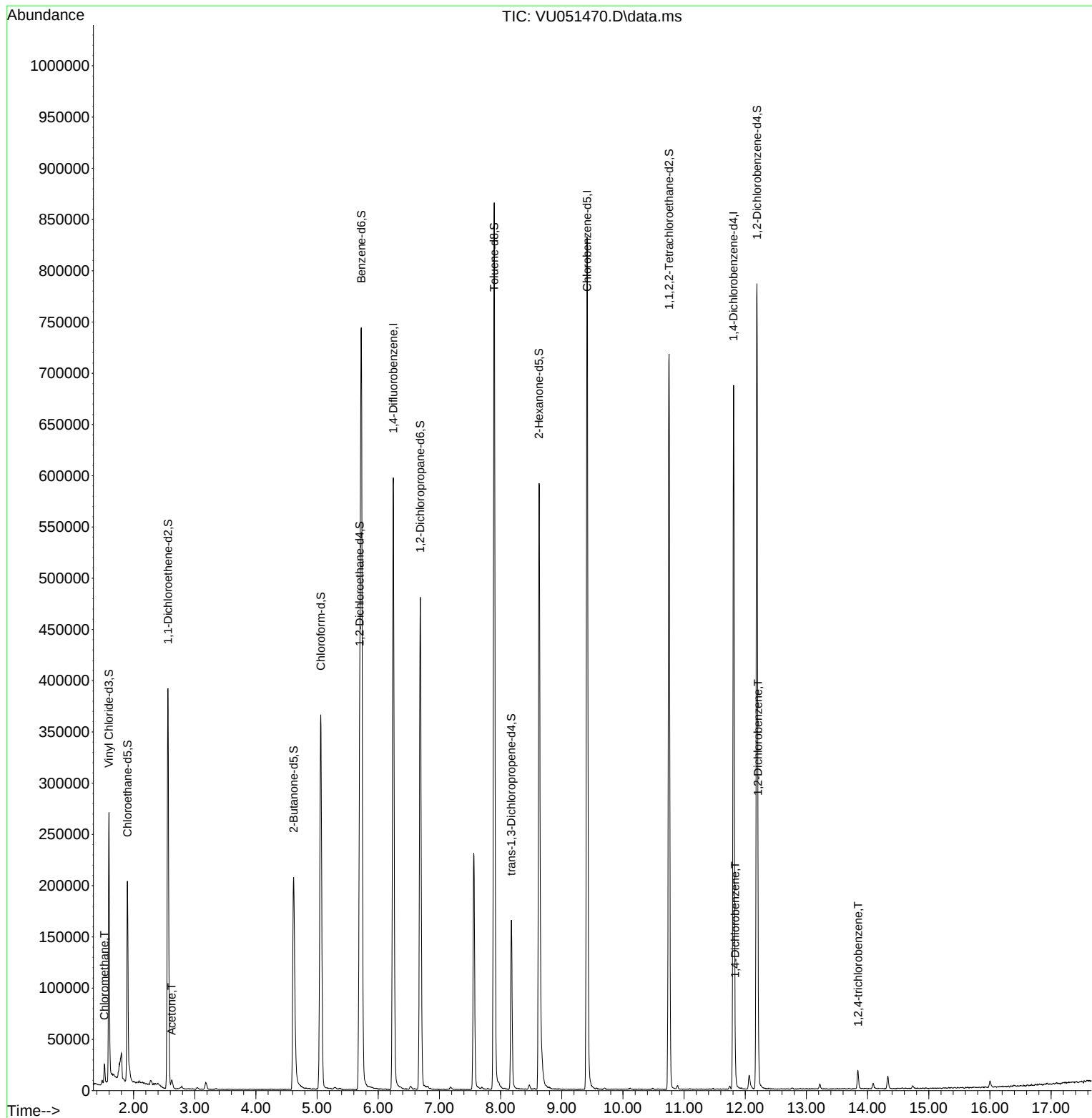
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	479496	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	469784	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	183323	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	185224	48.683	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.360%
7) Chloroethane-d5	1.900	69	161751	51.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.562	63	233482	36.050	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.100%
21) 2-Butanone-d5	4.616	46	294004	109.622	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.620%
24) Chloroform-d	5.060	84	347071	49.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
26) 1,2-Dichloroethane-d4	5.697	65	222822	51.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.580%
32) Benzene-d6	5.723	84	709763	55.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.580%
36) 1,2-Dichloropropane-d6	6.687	67	232941	55.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.520%
41) Toluene-d8	7.896	98	595445	51.349	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.700%
43) trans-1,3-Dichloroprop...	8.176	79	92868	52.205	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.400%
47) 2-Hexanone-d5	8.629	63	194508	106.001	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.000%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	360280	49.642	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.280%
66) 1,2-Dichlorobenzene-d4	12.192	152	207508	60.466	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.940%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	15720	2.935	ug/L	94
13) Acetone	2.623	43	8892	2.910	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	4228	0.700	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	7093	1.159	ug/L #	84
70) 1,2,4-trichlorobenzene	13.844	180	6312	2.080	ug/L	99

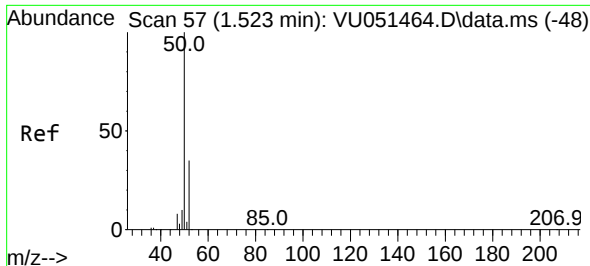
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 20 21:53:25 2022
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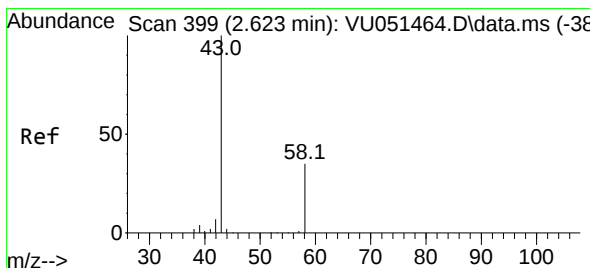
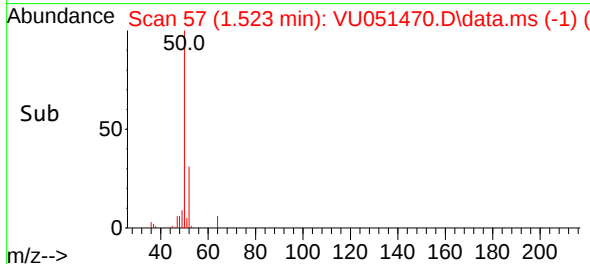
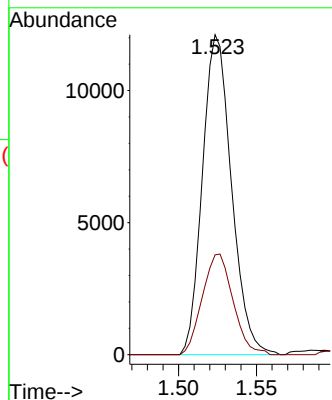
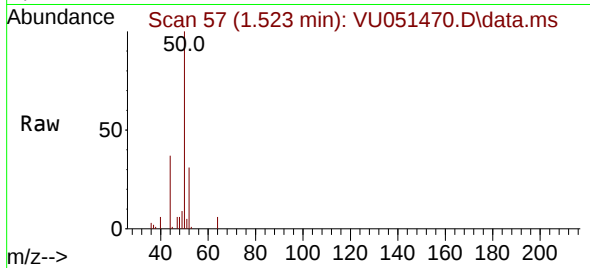




#3
Chloromethane
Concen: 2.935 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051470.D
Acq: 20 Oct 2022 14:29

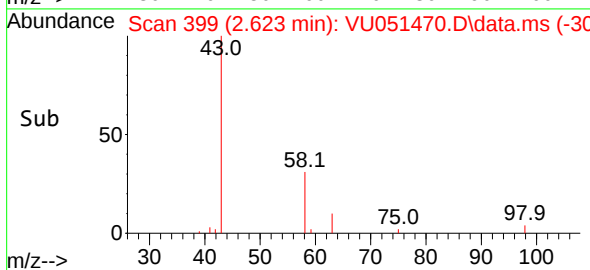
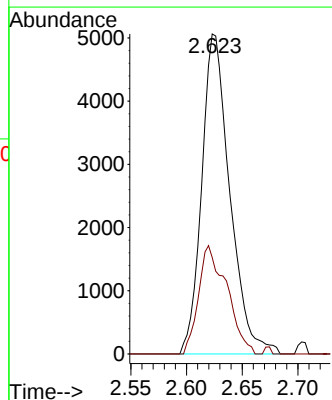
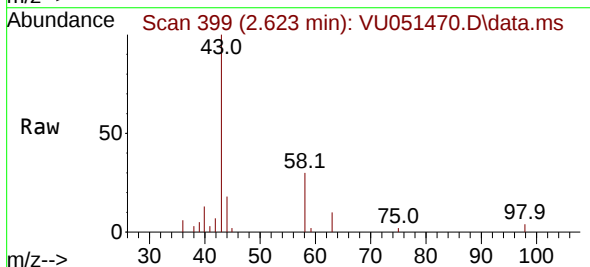
Instrument :
MSVOA_U
ClientSampleId :
C0TF1

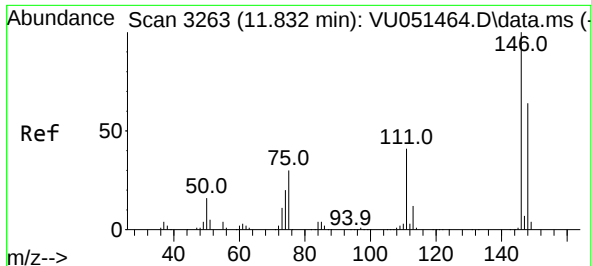
Tgt Ion: 50 Resp: 15720
Ion Ratio Lower Upper
50 100
52 31.2 24.1 44.8



#13
Acetone
Concen: 2.910 ug/L
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU051470.D
Acq: 20 Oct 2022 14:29

Tgt Ion: 43 Resp: 8892
Ion Ratio Lower Upper
43 100
58 34.1 0.0 70.2

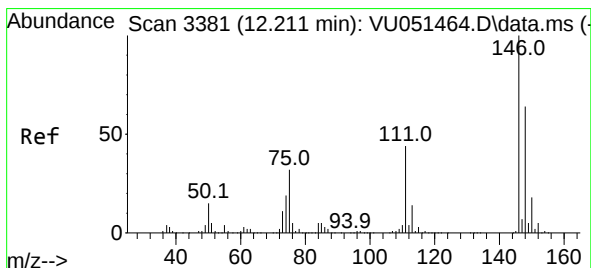
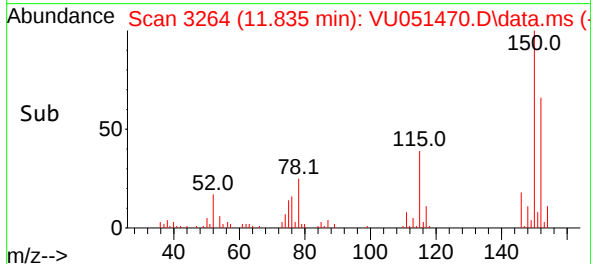
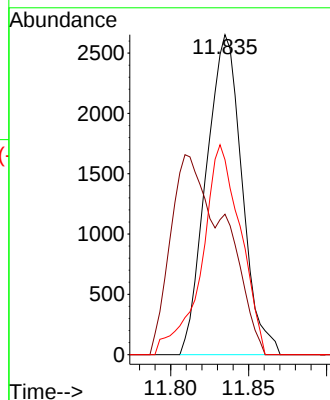
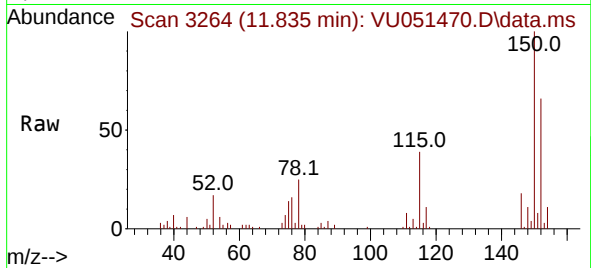




#65
1,4-Dichlorobenzene
Concen: 0.700 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051470.D
Acq: 20 Oct 2022 14:29

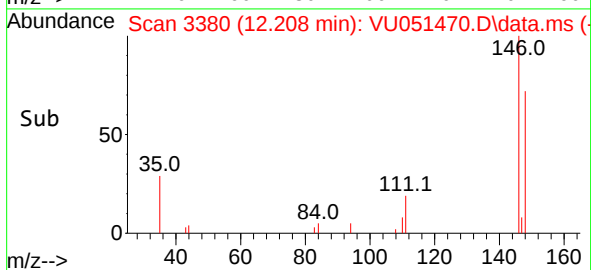
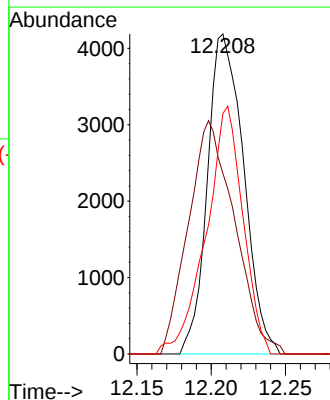
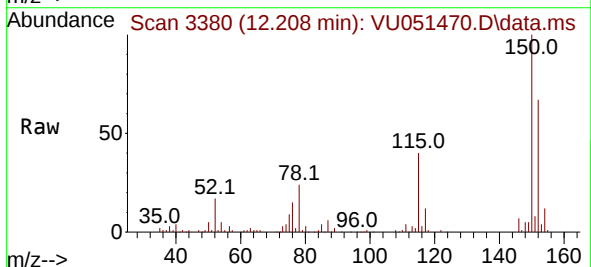
Instrument :
MSVOA_U
ClientSampleId :
C0TF1

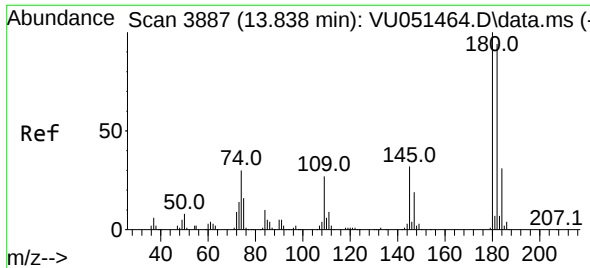
Tgt Ion:146 Resp: 4228
Ion Ratio Lower Upper
146 100
111 43.9 28.9 53.7
148 60.9 44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 1.159 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU051470.D
Acq: 20 Oct 2022 14:29

Tgt Ion:146 Resp: 7093
Ion Ratio Lower Upper
146 100
111 56.4 35.3 52.9#
148 75.1 51.1 76.7





#70
 1,2,4-trichlorobenzene
 Concen: 2.080 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.006 min
 Lab File: VU051470.D
 Acq: 20 Oct 2022 14:29

Instrument :
 MSVOA_U
 ClientSampleId :
 C0TF1

Tgt Ion:180 Resp: 6312
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.2 114.4
 145 33.6 25.0 37.6

