

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048196.D
 Acq On : 22 Apr 2022 01:19
 Operator : SY/MD
 Sample : N2488-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JA1

Quant Time: Apr 22 06:37:04 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)

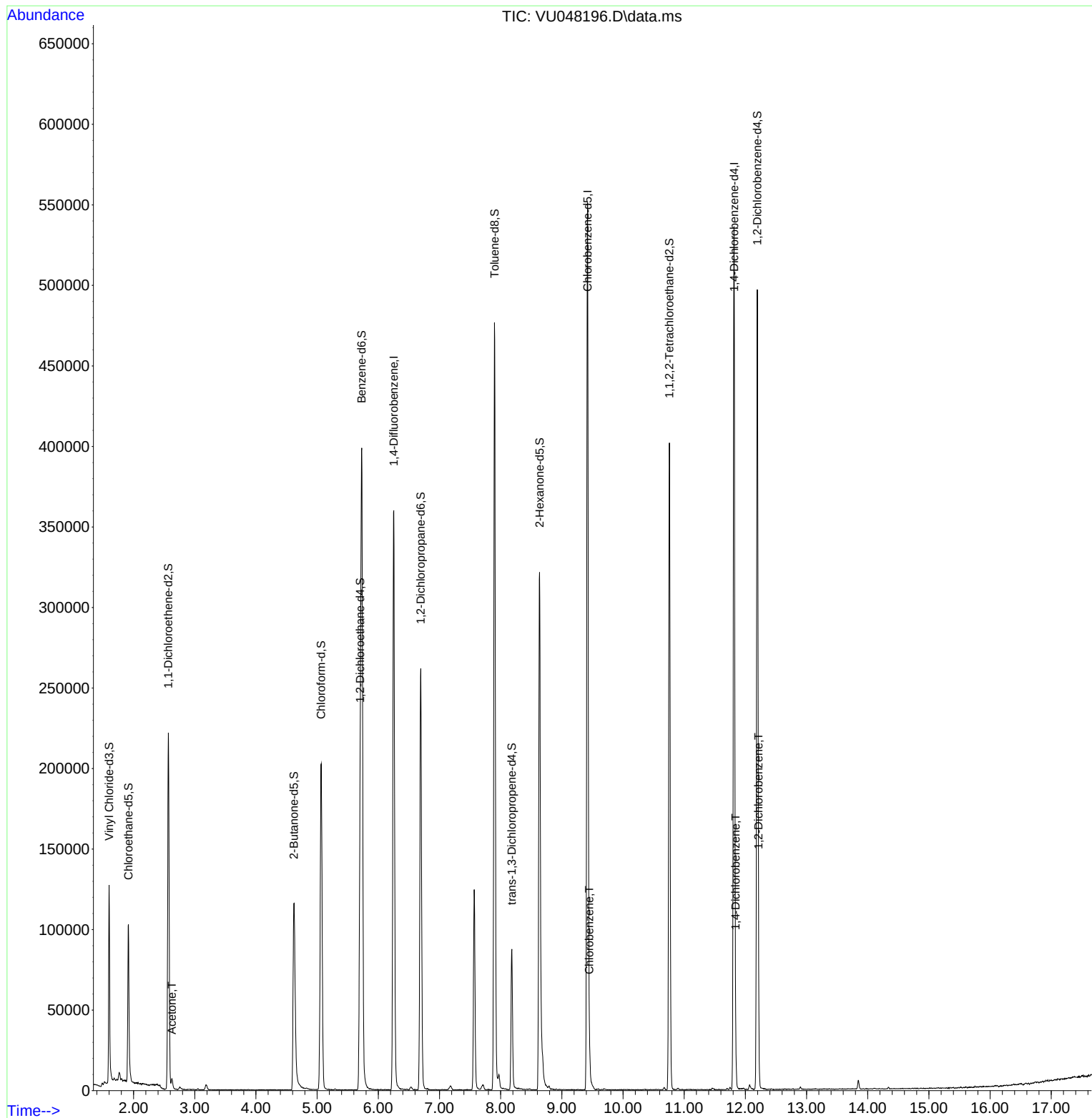
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	309092	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	334126	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	155835	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	92030	41.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.120%
7) Chloroethane-d5	1.916	69	81371	46.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.080%
11) 1,1-Dichloroethene-d2	2.568	63	127037	30.978	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.960%
21) 2-Butanone-d5	4.620	46	173157	90.005	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.000%
24) Chloroform-d	5.067	84	195246	47.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.220%
26) 1,2-Dichloroethane-d4	5.703	65	120572	47.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
32) Benzene-d6	5.729	84	380013	45.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.694	67	130344	50.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	7.899	98	331588	40.480	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.960%
43) trans-1,3-Dichloroprop...	8.182	79	49902	38.148	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.300%
47) 2-Hexanone-d5	8.636	63	111961	74.072	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.070%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	200352	45.214	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.420%
66) 1,2-Dichlorobenzene-d4	12.195	152	143973	51.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.860%
Target Compounds						
					Qvalue	
13) Acetone	2.626	43	7661	4.279	ug/L	93
51) Chlorobenzene	9.449	112	8886	1.233	ug/L	93
65) 1,4-Dichlorobenzene	11.838	146	8234	1.698	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	5642	1.205	ug/L #	89

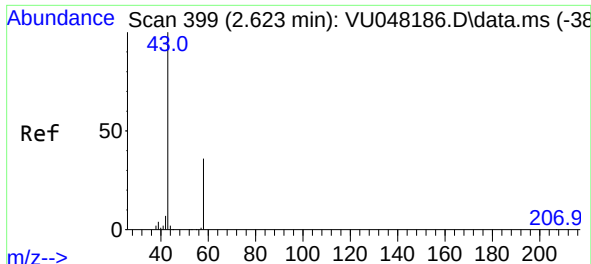
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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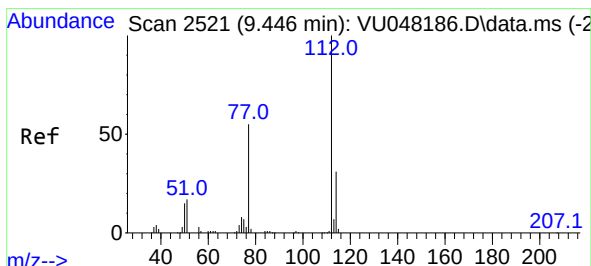
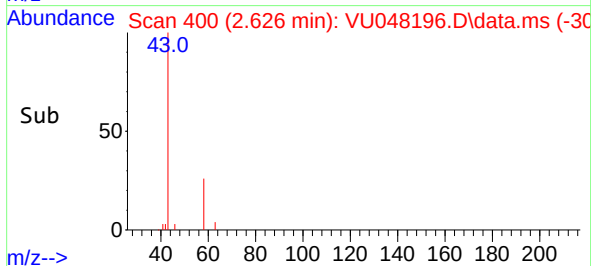
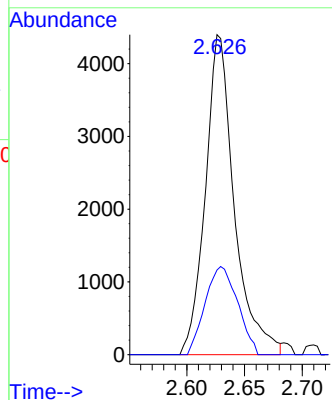
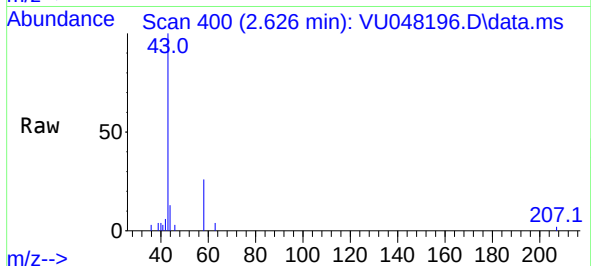




#13
Acetone
Concen: 4.279 ug/L
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU048196.D
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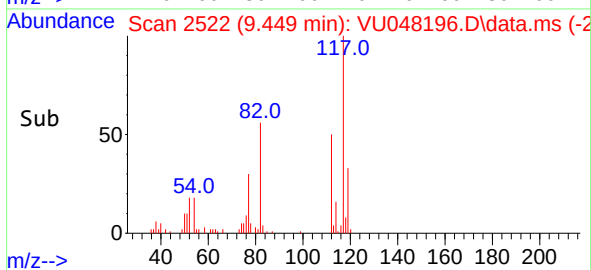
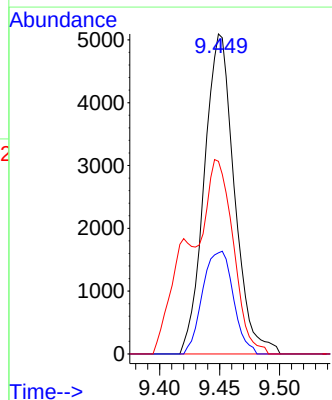
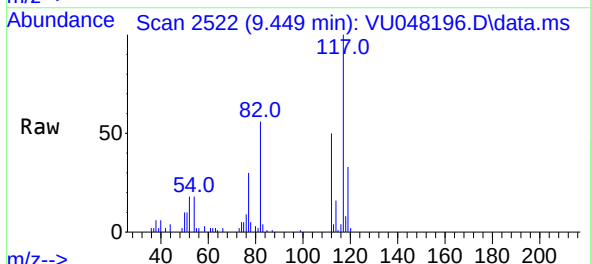
Instrument :
MSVOA_U
ClientSampleId :
C0JA1

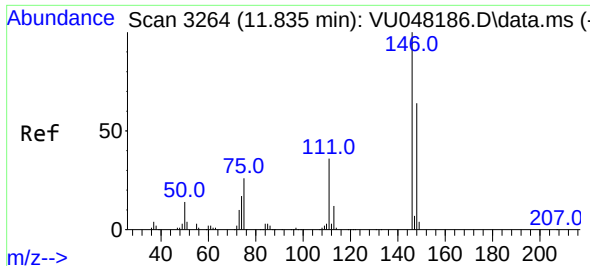
Tgt Ion: 43 Resp: 7661
Ion Ratio Lower Upper
43 100
58 30.8 0.0 70.0



#51
Chlorobenzene
Concen: 1.233 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU048196.D
Acq: 22 Apr 2022 01:19

Tgt Ion: 112 Resp: 8886
Ion Ratio Lower Upper
112 100
114 34.3 22.1 41.1
77 60.2 43.4 65.0

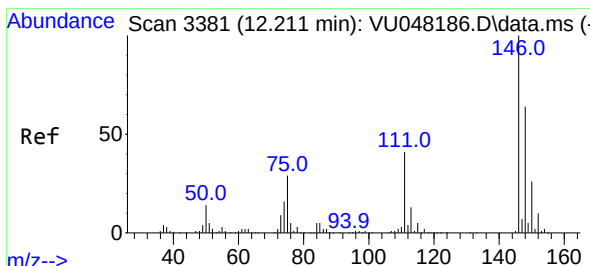
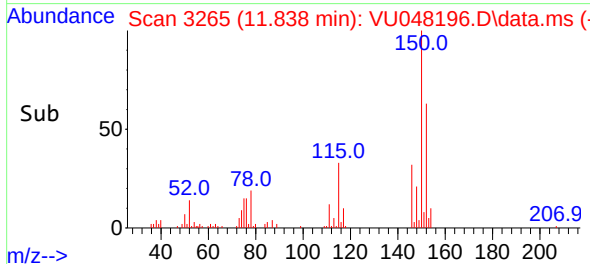
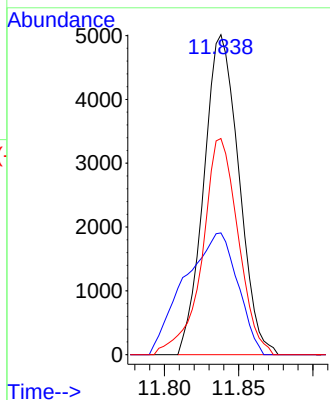
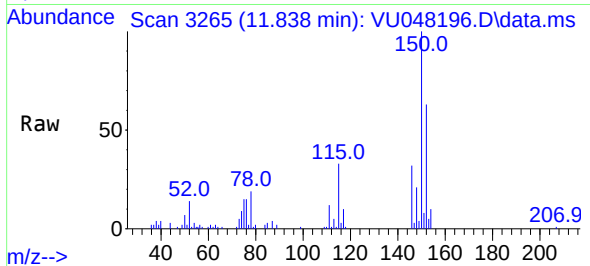




#65
1,4-Dichlorobenzene
Concen: 1.698 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048196.D
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MSVOA_U
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C0JA1

Tgt Ion:146 Resp: 8234
Ion Ratio Lower Upper
146 100
111 38.1 25.3 47.1
148 67.6 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.205 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048196.D
Acq: 22 Apr 2022 01:19

Tgt Ion:146 Resp: 5642
Ion Ratio Lower Upper
146 100
111 48.7 31.7 47.5#
148 71.1 51.4 77.2

