

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048172.D
 Acq On : 21 Apr 2022 14:56
 Operator : SY/MD
 Sample : N2486-14 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J50

Quant Time: Apr 22 01:50:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

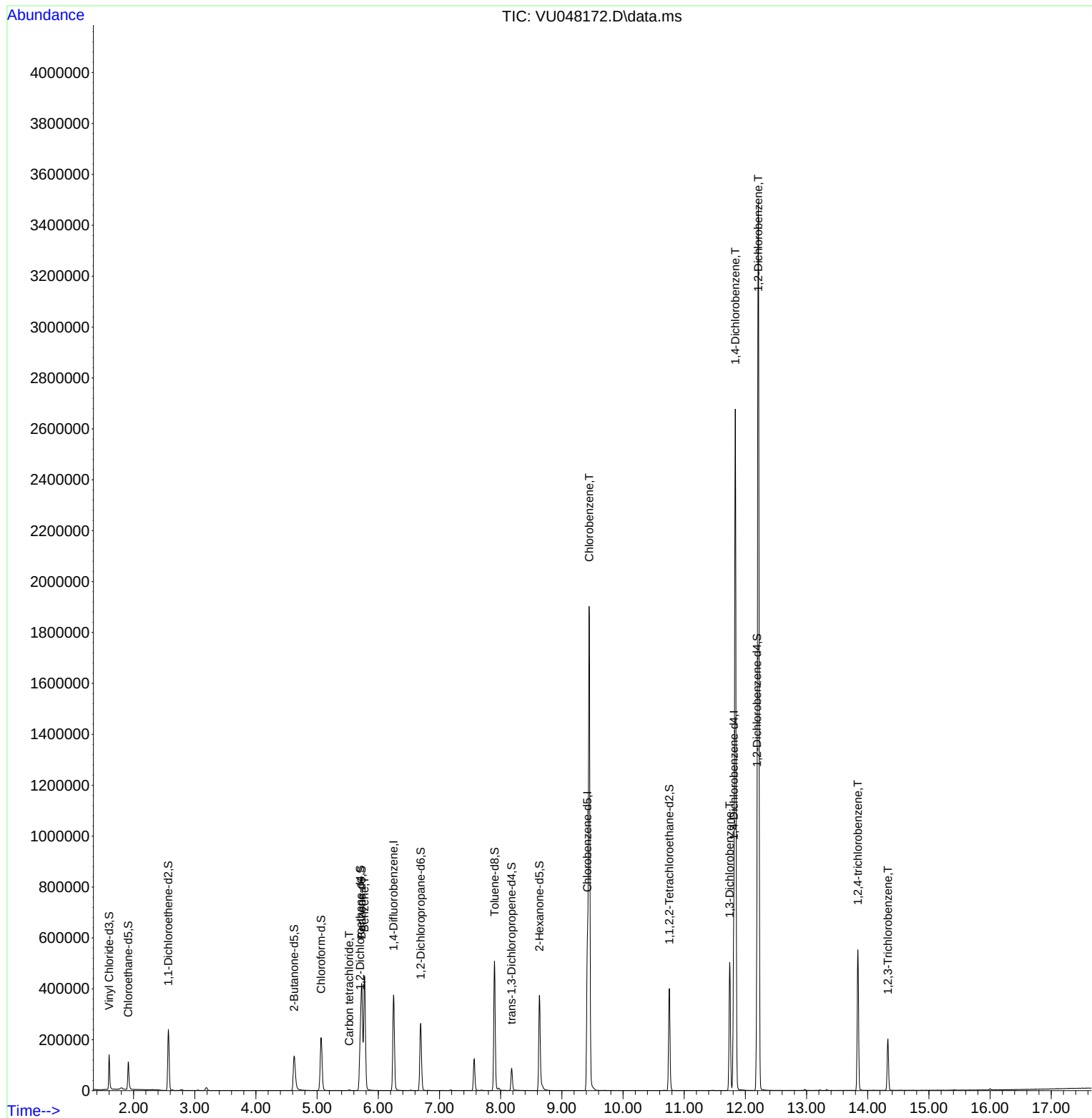
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	320383	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	336114	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	175663	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	104804	45.110	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.220%		
7) Chloroethane-d5	1.912	69	86528	47.233	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.460%		
11) 1,1-Dichloroethene-d2	2.568	63	138108	32.491	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.980%		
21) 2-Butanone-d5	4.623	46	181564	91.049	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.050%		
24) Chloroform-d	5.063	84	198259	46.638	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.280%		
26) 1,2-Dichloroethane-d4	5.703	65	122817	47.106	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.220%		
32) Benzene-d6	5.729	84	400570	47.362	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.720%		
36) 1,2-Dichloropropane-d6	6.694	67	132920	51.174	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.340%		
41) Toluene-d8	7.899	98	341814	41.481	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.960%		
43) trans-1,3-Dichloroprop...	8.179	79	50440	38.331	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.660%		
47) 2-Hexanone-d5	8.632	63	126656	83.298	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.300%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	201345	45.169	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.340%		
66) 1,2-Dichlorobenzene-d4	12.192	152	160821	51.459	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.920%		
Target Compounds						Qvalue
31) Carbon tetrachloride	5.523	117	1780	0.517	ug/L	98
33) Benzene	5.774	78	436899	44.907	ug/L	100
51) Chlorobenzene	9.446	112	1076636	148.539	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	221609	41.997	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	1120520	205.010	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	1464415	277.355	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	185814	49.501	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	67282	17.880	ug/L	99

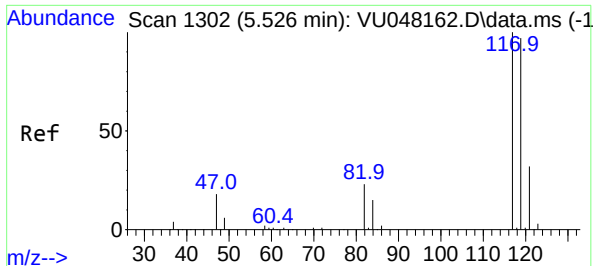
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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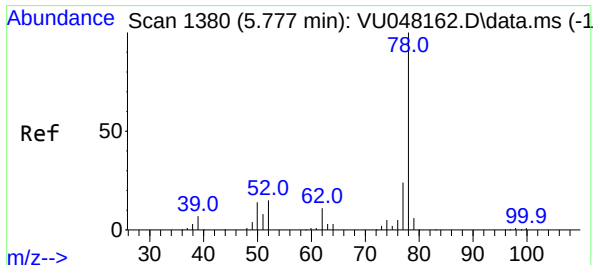
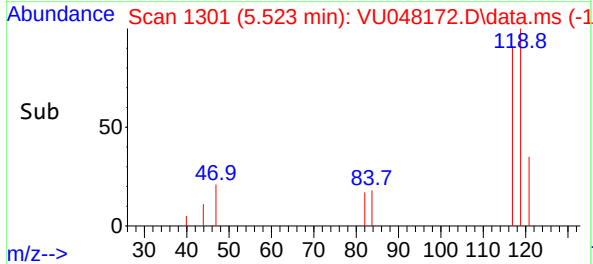
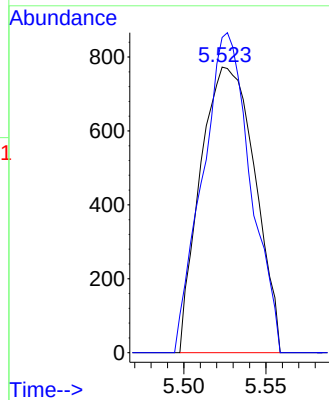
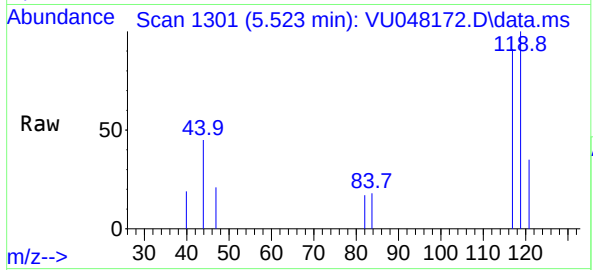




#31
Carbon tetrachloride
Concen: 0.517 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU048172.D
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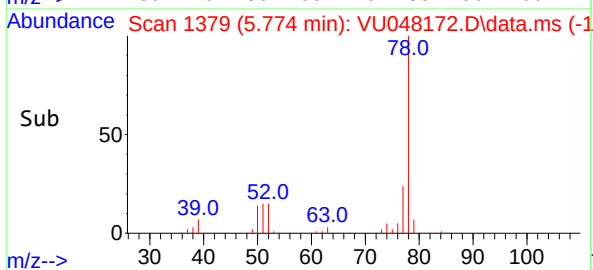
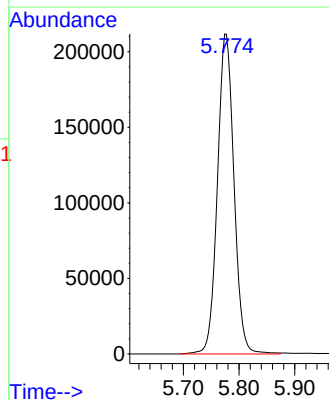
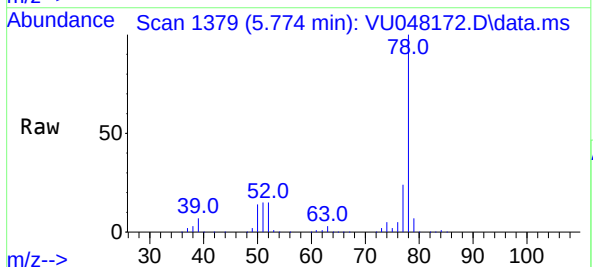
Instrument :
MSVOA_U
ClientSampleId :
C0J50

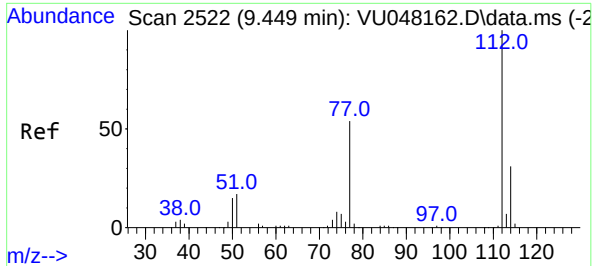
Tgt Ion:117 Resp: 1780
Ion Ratio Lower Upper
117 100
119 98.7 77.2 115.8



#33
Benzene
Concen: 44.907 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048172.D
Acq: 21 Apr 2022 14:56

Tgt Ion: 78 Resp: 436899

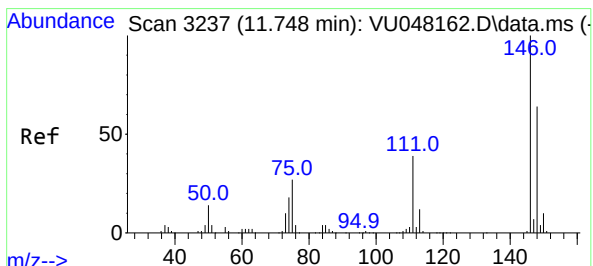
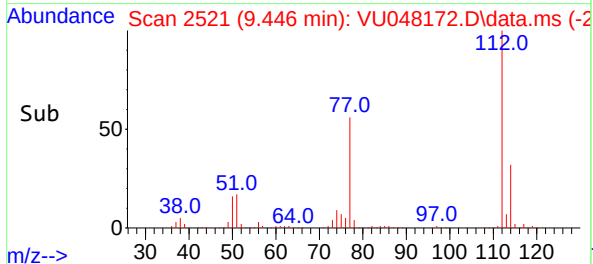
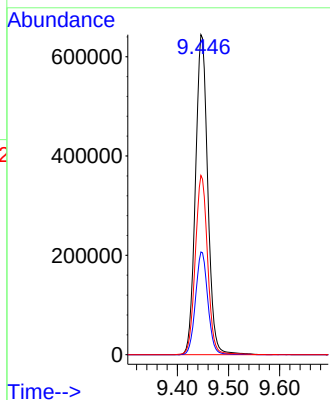
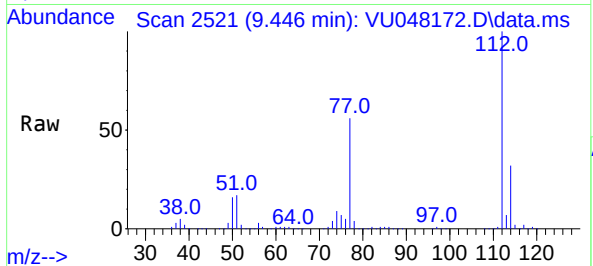




#51
Chlorobenzene
Concen: 148.539 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048172.D
Acq: 21 Apr 2022 14:56

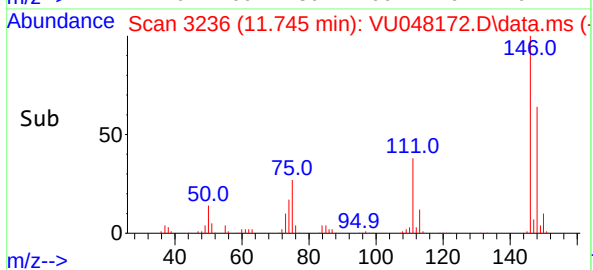
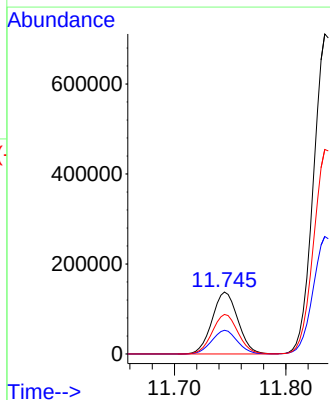
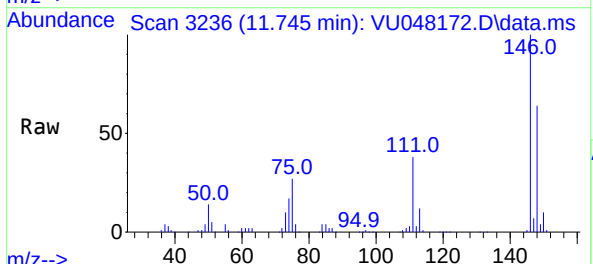
Instrument :
MSVOA_U
ClientSampleId :
C0J50

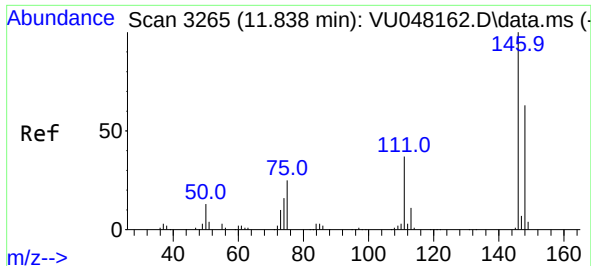
Tgt Ion:112 Resp: 1076636
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 56.0 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 41.997 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU048172.D
Acq: 21 Apr 2022 14:56

Tgt Ion:146 Resp: 221609
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 63.8 44.4 82.5

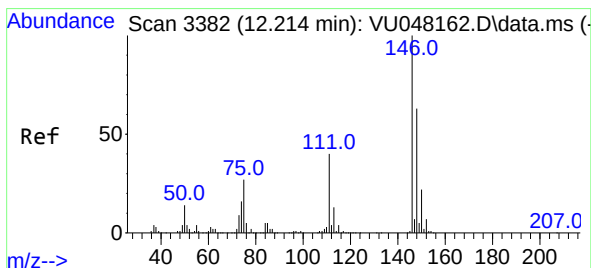
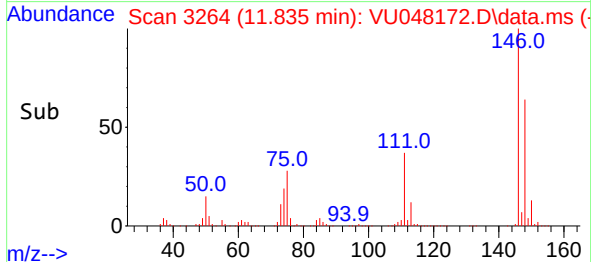
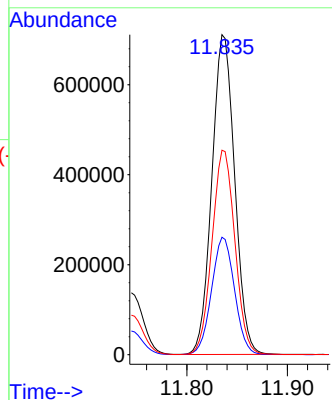
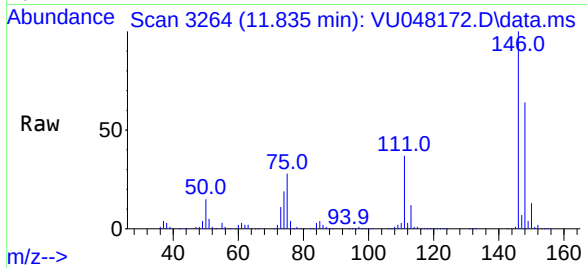




#65
1,4-Dichlorobenzene
Concen: 205.010 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048172.D
Acq: 21 Apr 2022 14:56

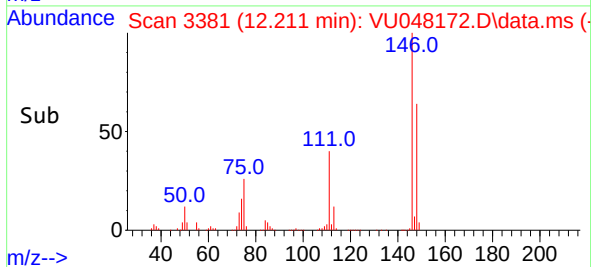
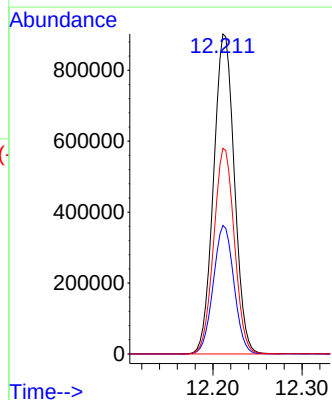
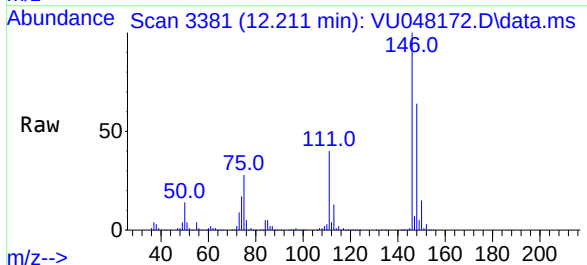
Instrument :
MSVOA_U
ClientSampleId :
C0J50

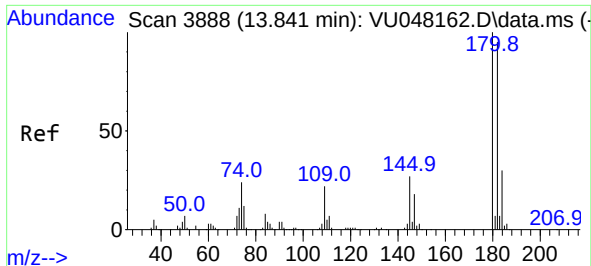
Tgt Ion:146 Resp: 1120520
Ion Ratio Lower Upper
146 100
111 36.7 25.3 47.1
148 63.9 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 277.355 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048172.D
Acq: 21 Apr 2022 14:56

Tgt Ion:146 Resp: 1464415
Ion Ratio Lower Upper
146 100
111 40.1 31.7 47.5
148 64.3 51.4 77.2

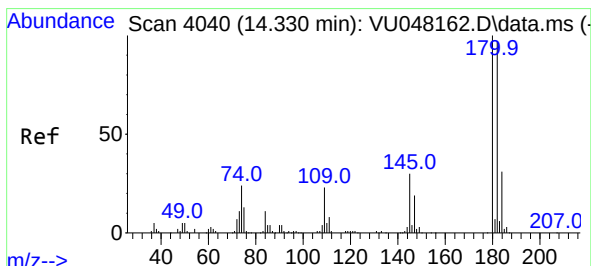
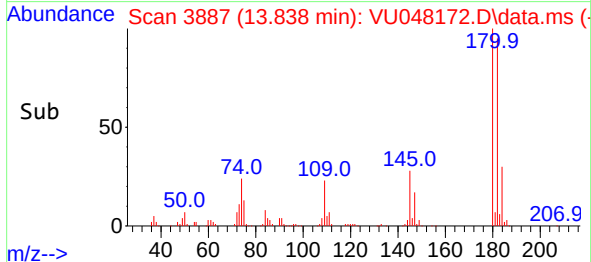
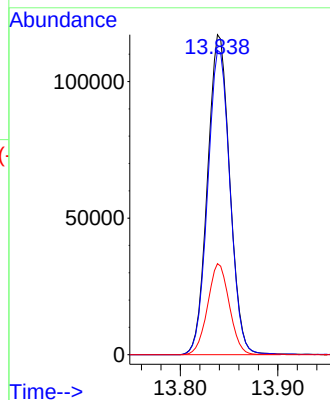
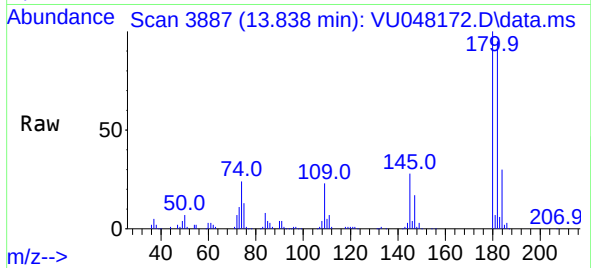




#70
1,2,4-trichlorobenzene
Concen: 49.501 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU048172.D
Acq: 21 Apr 2022 14:56

Instrument :
MSVOA_U
ClientSampleId :
C0J50

Tgt Ion:180 Resp: 185814
Ion Ratio Lower Upper
180 100
182 95.4 76.2 114.2
145 27.7 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 17.880 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048172.D
Acq: 21 Apr 2022 14:56

Tgt Ion:180 Resp: 67282
Ion Ratio Lower Upper
180 100
182 96.8 77.4 116.0
145 30.7 22.8 34.2

