

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048165.D
 Acq On : 21 Apr 2022 12:15
 Operator : SY/MD
 Sample : N2486-08DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J40DL

Quant Time: Apr 22 01:49:11 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)

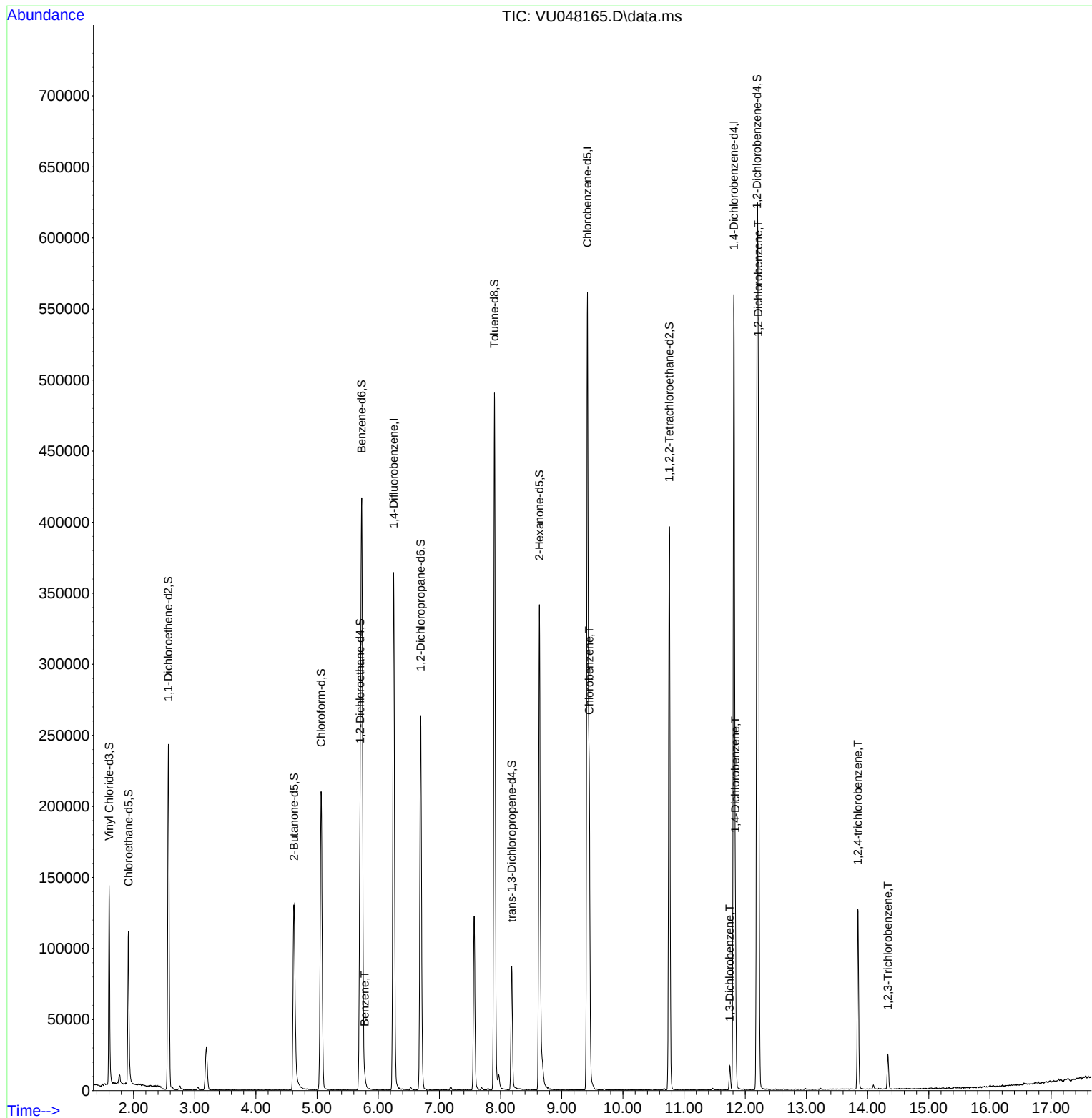
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	315562	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	340779	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	162621	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	105577	46.137	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.280%		
7) Chloroethane-d5	1.915	69	88519	49.058	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.120%		
11) 1,1-Dichloroethene-d2	2.568	63	138574	33.098	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.200%		
21) 2-Butanone-d5	4.623	46	179846	91.565	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.560%		
24) Chloroform-d	5.066	84	198835	47.488	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.980%		
26) 1,2-Dichloroethane-d4	5.703	65	124025	48.296	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.600%		
32) Benzene-d6	5.729	84	401804	46.858	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.720%		
36) 1,2-Dichloropropane-d6	6.693	67	131602	49.973	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.940%		
41) Toluene-d8	7.899	98	340965	40.812	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.620%		
43) trans-1,3-Dichloroprop...	8.182	79	51143	38.334	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.660%		
47) 2-Hexanone-d5	8.635	63	119180	77.308	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.310%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	204948	45.348	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.700%		
66) 1,2-Dichlorobenzene-d4	12.195	152	141457	48.893	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.780%		
Target Compounds					Qvalue	
33) Benzene	5.777	78	6483	0.657	ug/L	100
51) Chlorobenzene	9.449	112	117314	15.964	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	8034	1.645	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	41915	8.284	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	176690	36.148	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	43208	12.434	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	9009	2.586	ug/L	98

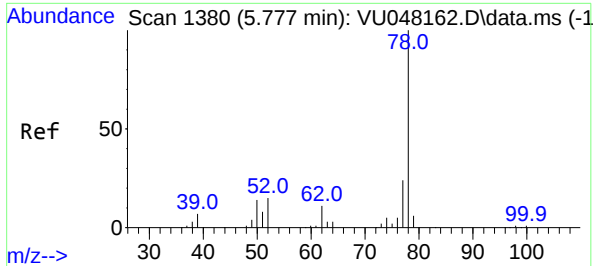
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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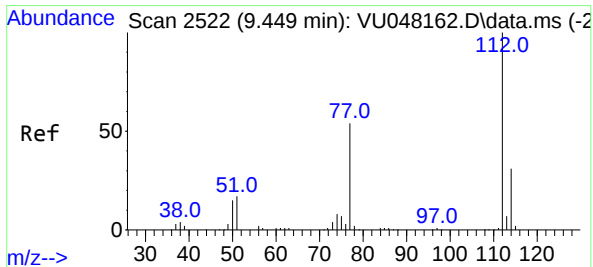
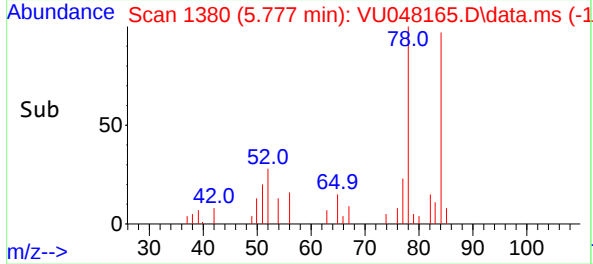
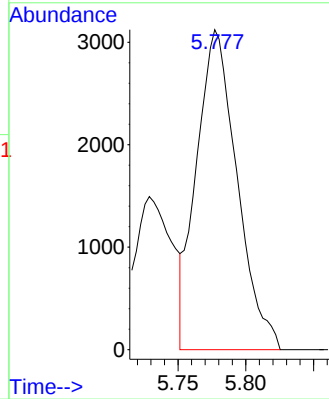
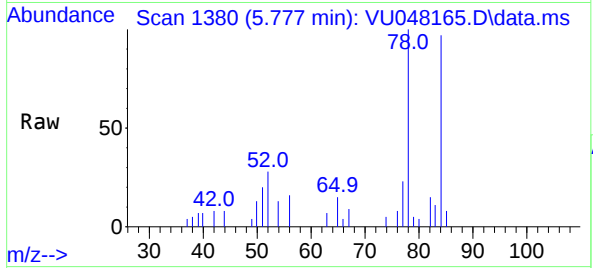




#33
Benzene
Concen: 0.657 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048165.D
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Tgt Ion: 78 Resp: 6483

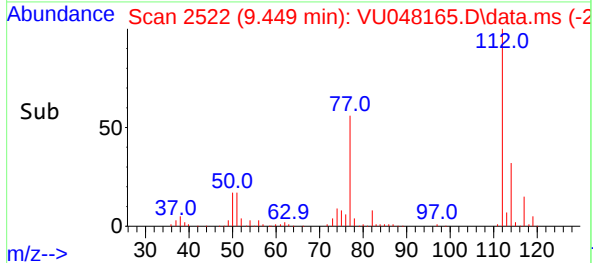
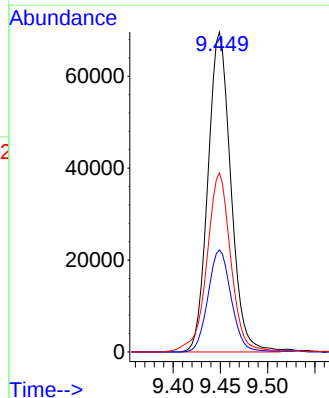
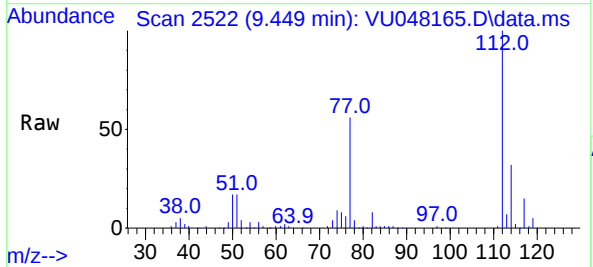
Instrument :
MSVOA_U
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C0J40DL

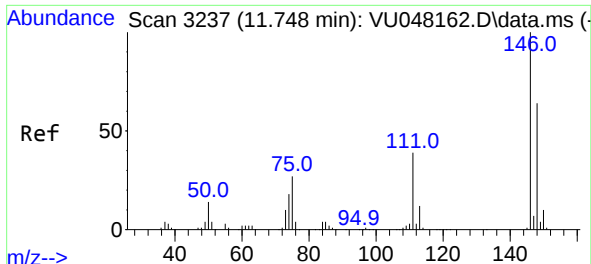


#51
Chlorobenzene
Concen: 15.964 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15

Tgt Ion: 112 Resp: 117314

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.1	41.1
77	55.9	43.4	65.0

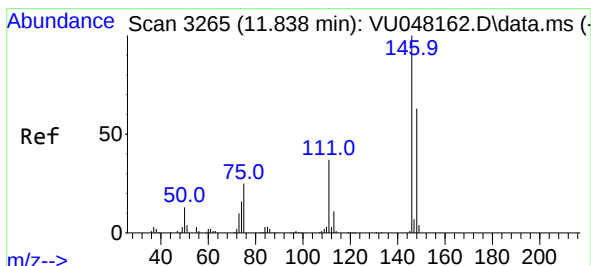
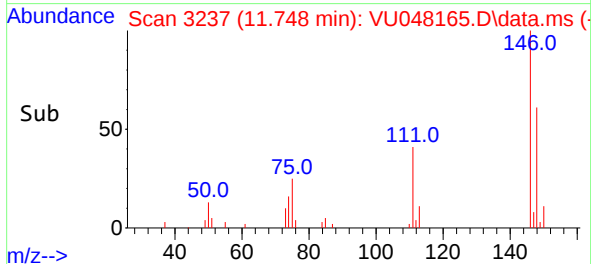
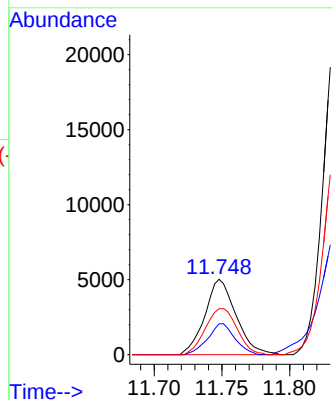
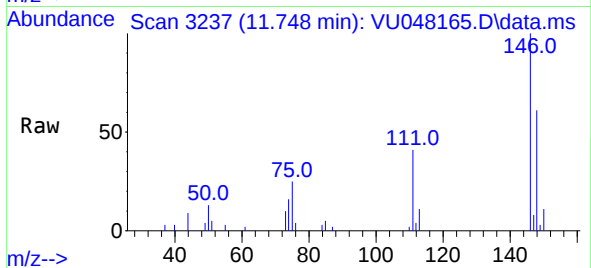




#64
1,3-Dichlorobenzene
Concen: 1.645 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15

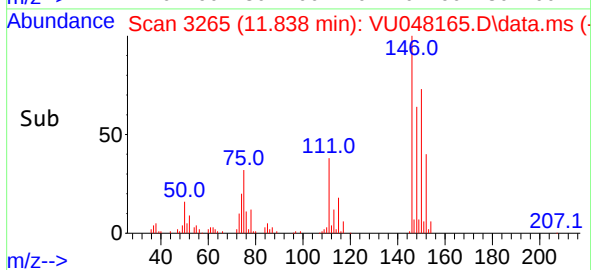
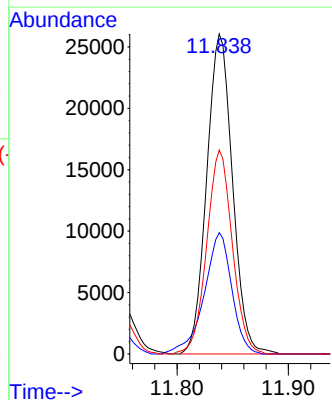
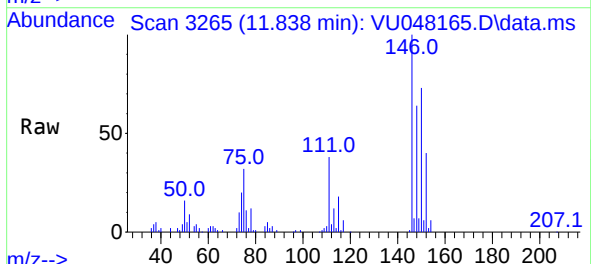
Instrument :
MSVOA_U
ClientSampleId :
C0J40DL

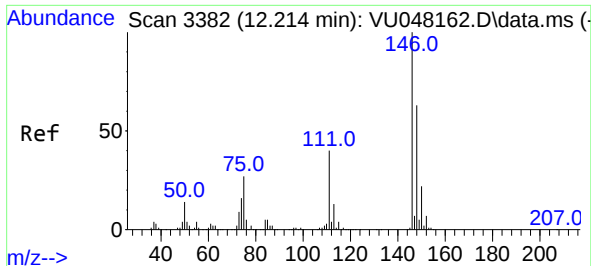
Tgt Ion:146 Resp: 8034
Ion Ratio Lower Upper
146 100
111 41.1 26.7 49.7
148 60.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 8.284 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15

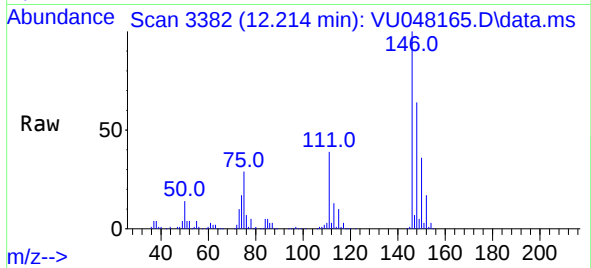
Tgt Ion:146 Resp: 41915
Ion Ratio Lower Upper
146 100
111 37.9 25.3 47.1
148 63.7 44.5 82.7



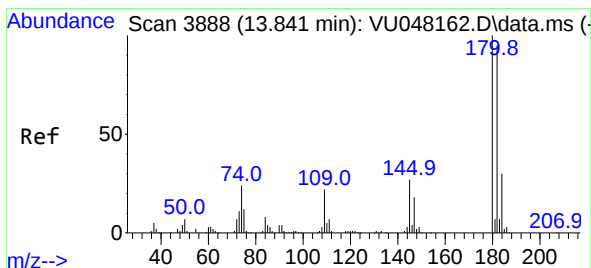
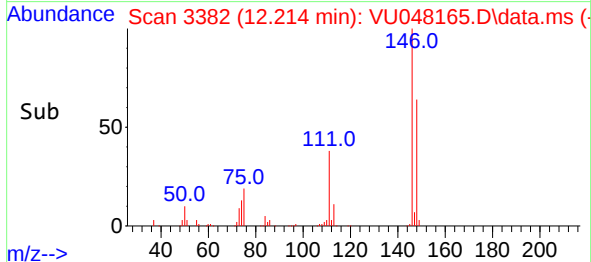
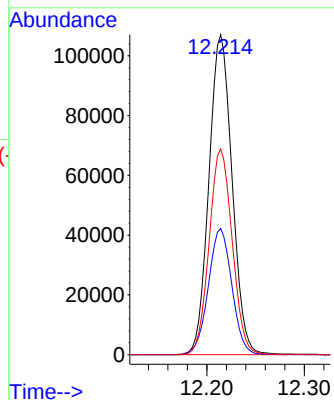


#67
1,2-Dichlorobenzene
Concen: 36.148 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15

Instrument :
MSVOA_U
ClientSampleId :
C0J40DL

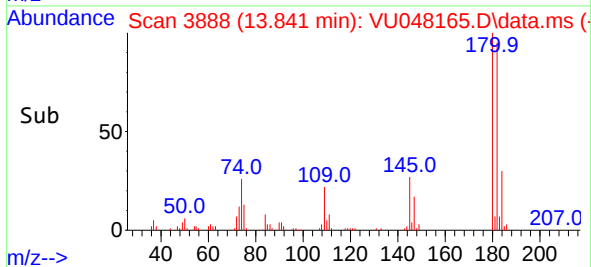
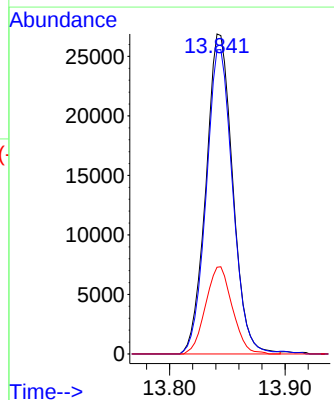
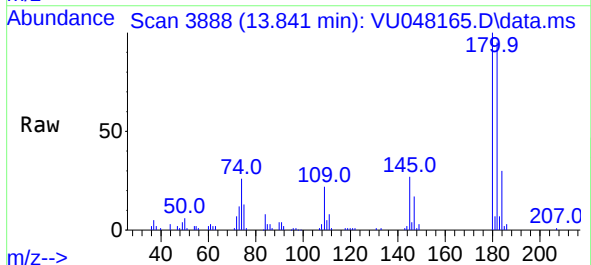


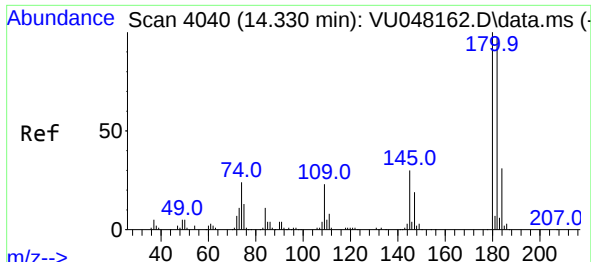
Tgt Ion:146 Resp: 176690
Ion Ratio Lower Upper
146 100
111 39.4 31.7 47.5
148 64.3 51.4 77.2



#70
1,2,4-trichlorobenzene
Concen: 12.434 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15

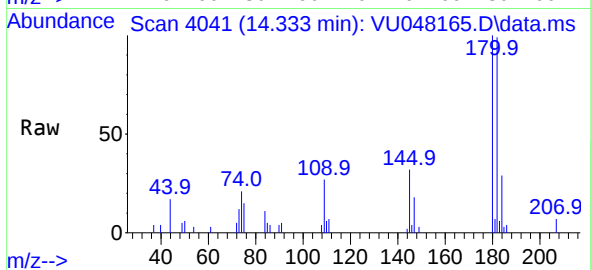
Tgt Ion:180 Resp: 43208
Ion Ratio Lower Upper
180 100
182 94.1 76.2 114.2
145 27.2 21.8 32.8





#72
1,2,3-Trichlorobenzene
Concen: 2.586 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU048165.D
Acq: 21 Apr 2022 12:15

Instrument :
MSVOA_U
ClientSampleId :
C0J40DL



Tgt Ion:	180	Resp:	9009
Ion	Ratio	Lower	Upper
180	100		
182	99.3	77.4	116.0
145	29.1	22.8	34.2

