

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048231.D
 Acq On : 22 Apr 2022 17:44
 Operator : SY/MD
 Sample : N2486-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J41

Quant Time: Apr 22 22:04:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

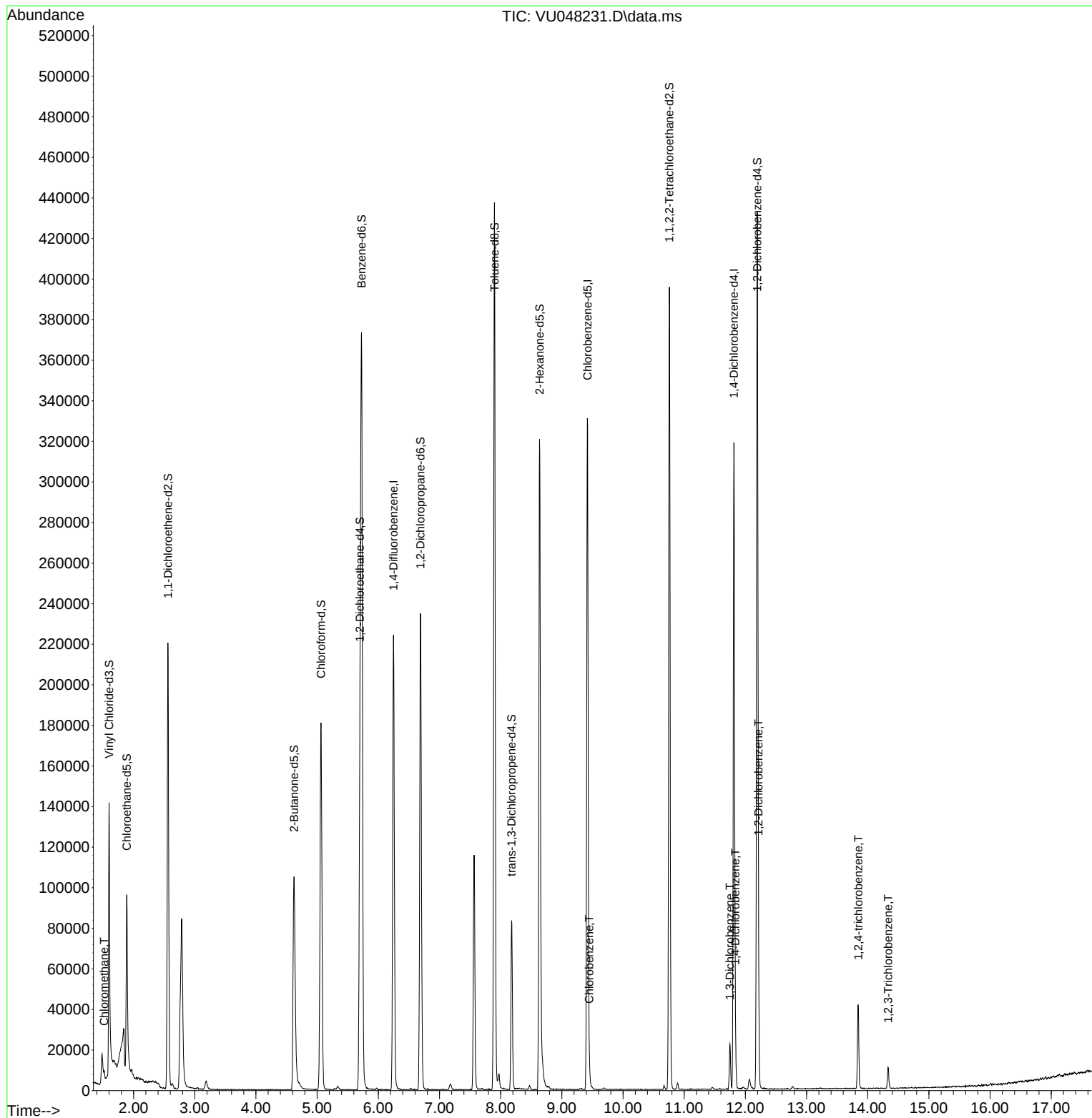
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	191158	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	195269	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89929	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	105744	76.283	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 152.560%#		
7) Chloroethane-d5	1.890	69	80043	73.231	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery	= 146.460%#		
11) 1,1-Dichloroethene-d2	2.562	63	126960	50.059	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 100.120%		
21) 2-Butanone-d5	4.623	46	160410	134.819	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 134.820%#		
24) Chloroform-d	5.063	84	172937	68.182	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 136.360%#		
26) 1,2-Dichloroethane-d4	5.700	65	108072	69.472	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 138.940%#		
32) Benzene-d6	5.726	84	360228	73.314	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 146.620%#		
36) 1,2-Dichloropropane-d6	6.690	67	115831	76.761	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 153.520%#		
41) Toluene-d8	7.899	98	293917	61.396	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 122.800%#		
43) trans-1,3-Dichloroprop...	8.179	79	47446	62.063	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 124.120%		
47) 2-Hexanone-d5	8.636	63	109115	123.523	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 123.520%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	196058	75.707	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 151.420%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	121557	75.977	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 151.960%#		
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	2821	1.664	ug/L	91
51) Chlorobenzene	9.449	112	5722	1.359	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	9693	3.588	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	6477	2.315	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	11563	4.278	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	14839	7.722	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	4060	2.108	ug/L	98

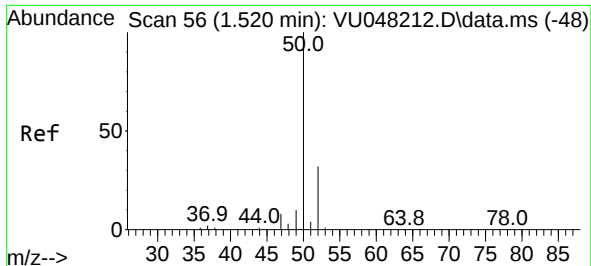
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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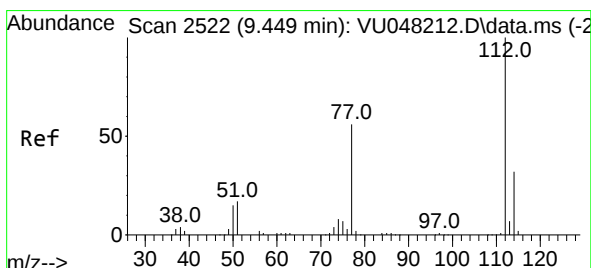
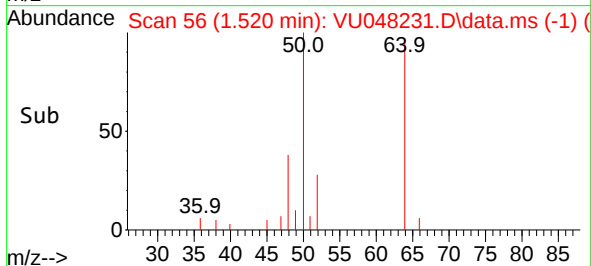
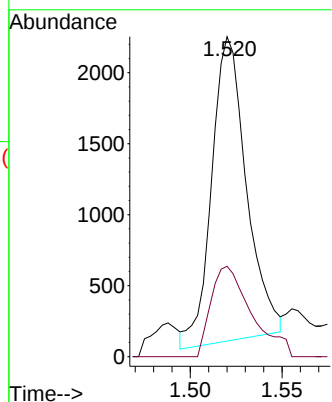
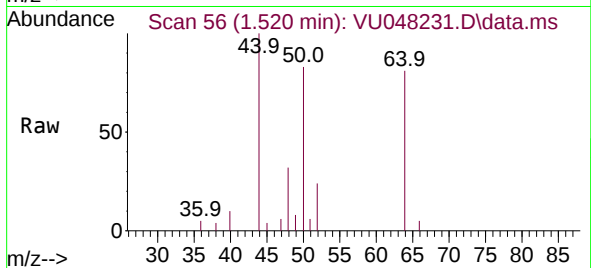




#3
Chloromethane
Concen: 1.664 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

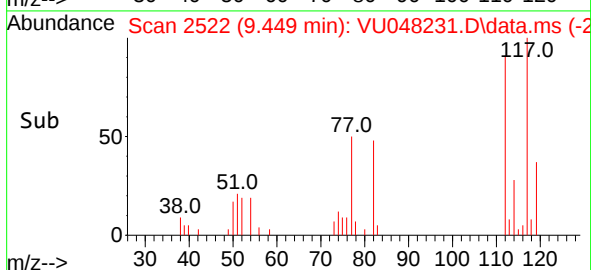
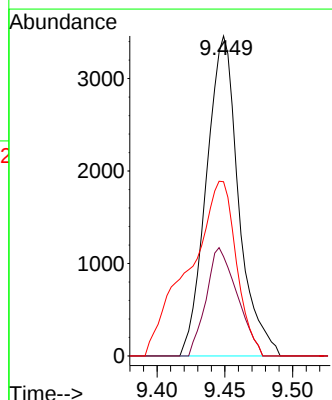
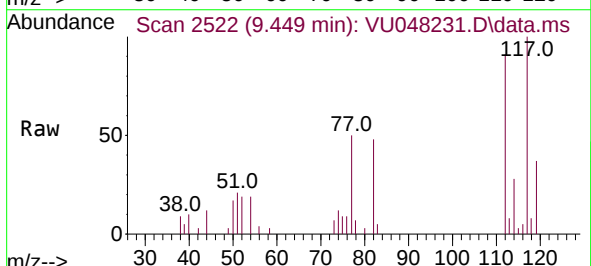
Instrument :
MSVOA_U
ClientSampleId :
C0J41

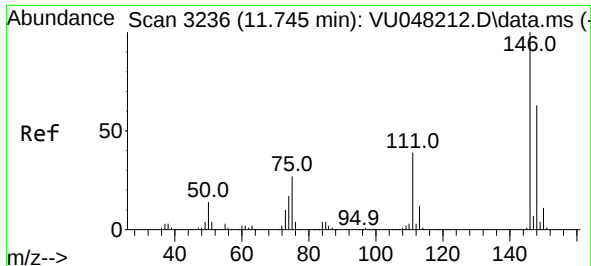
Tgt Ion: 50 Resp: 2821
Ion Ratio Lower Upper
50 100
52 28.2 23.2 43.2



#51
Chlorobenzene
Concen: 1.359 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

Tgt Ion: 112 Resp: 5722
Ion Ratio Lower Upper
112 100
114 31.0 22.1 41.1
77 54.5 43.4 65.0

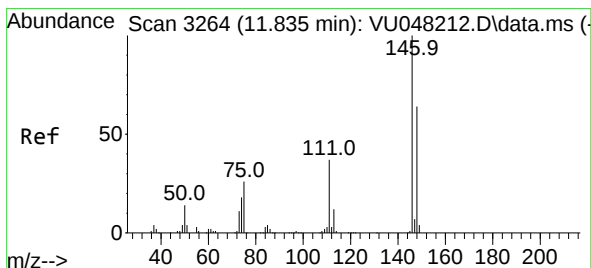
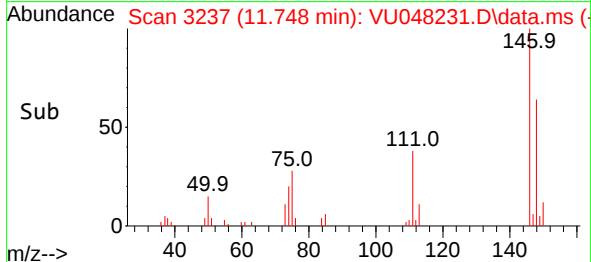
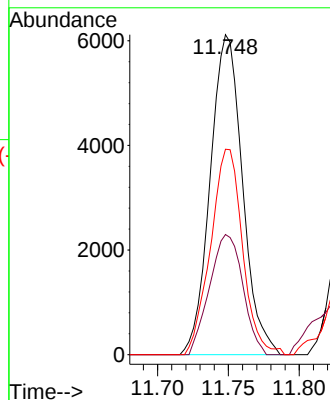
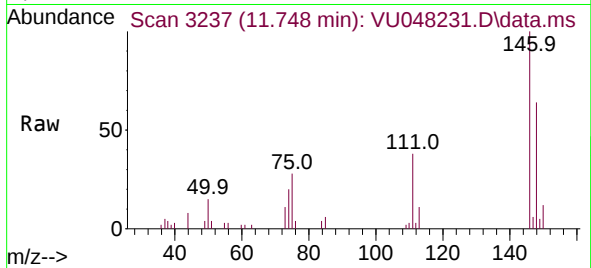




#64
1,3-Dichlorobenzene
Concen: 3.588 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

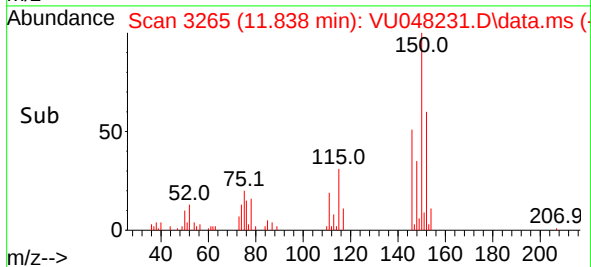
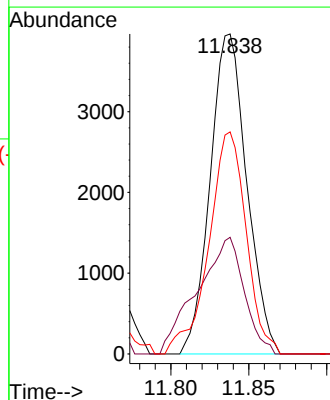
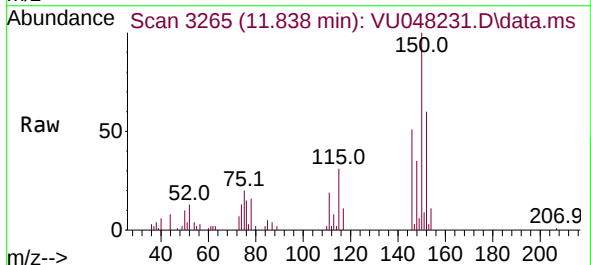
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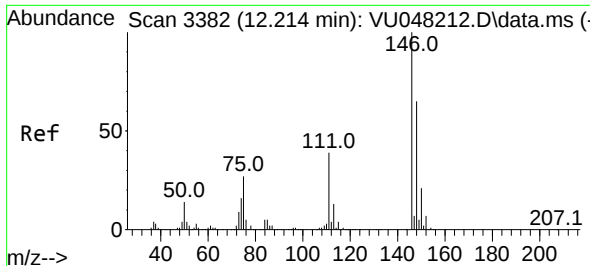
Tgt Ion:146 Resp: 9693
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.7
148 64.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 2.315 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

Tgt Ion:146 Resp: 6477
Ion Ratio Lower Upper
146 100
111 36.5 25.3 47.1
148 69.4 44.5 82.7

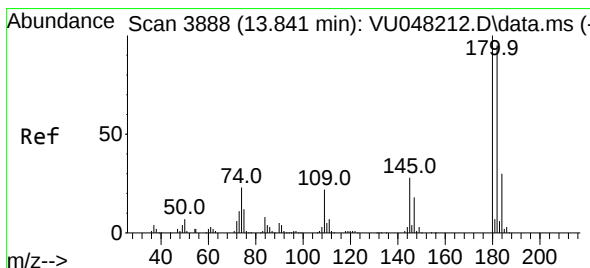
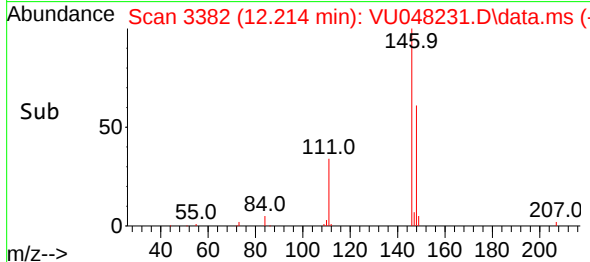
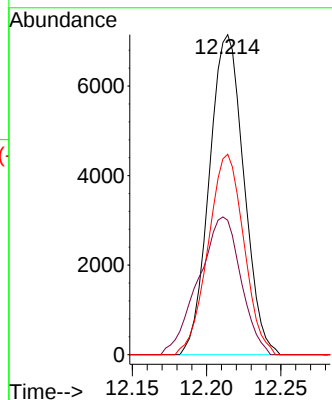
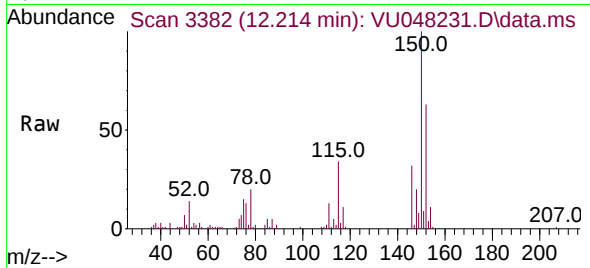




#67
1,2-Dichlorobenzene
Concen: 4.278 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

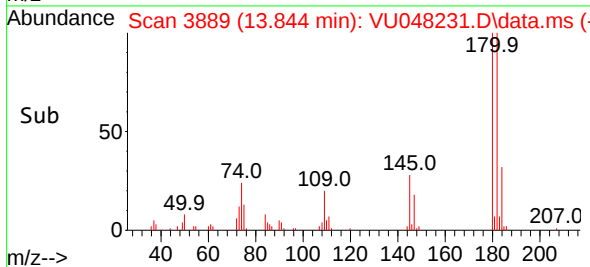
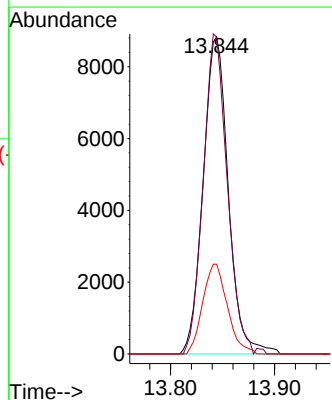
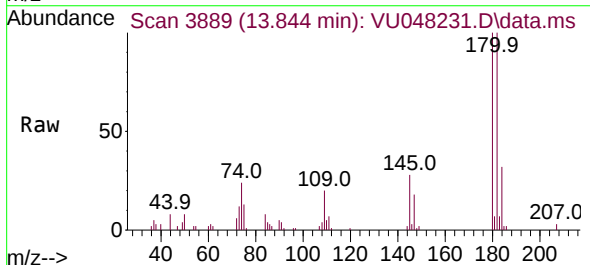
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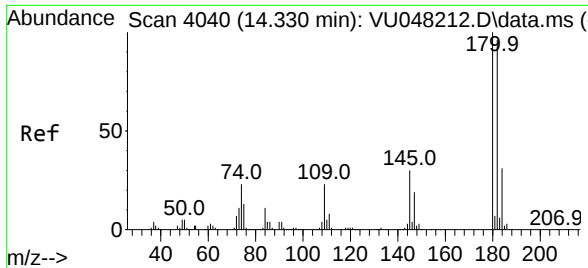
Tgt Ion:146 Resp: 11563
Ion Ratio Lower Upper
146 100
111 42.0 31.7 47.5
148 62.7 51.4 77.2



#70
1,2,4-trichlorobenzene
Concen: 7.722 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

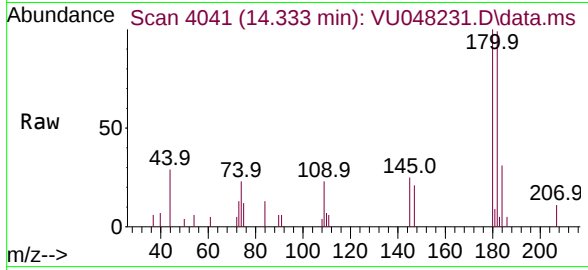
Tgt Ion:180 Resp: 14839
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.2
145 27.8 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 2.108 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU048231.D
 Acq: 22 Apr 2022 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J41



Tgt Ion:	180	Resp:	4060
Ion Ratio	Lower	Upper	
180	100		
182	95.4	77.4	116.0
145	26.6	22.8	34.2

