

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047908.D
 Acq On : 11 Apr 2022 16:05
 Operator : SY/MD
 Sample : N2343-18DL 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J71DL

Quant Time: Apr 12 02:03:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

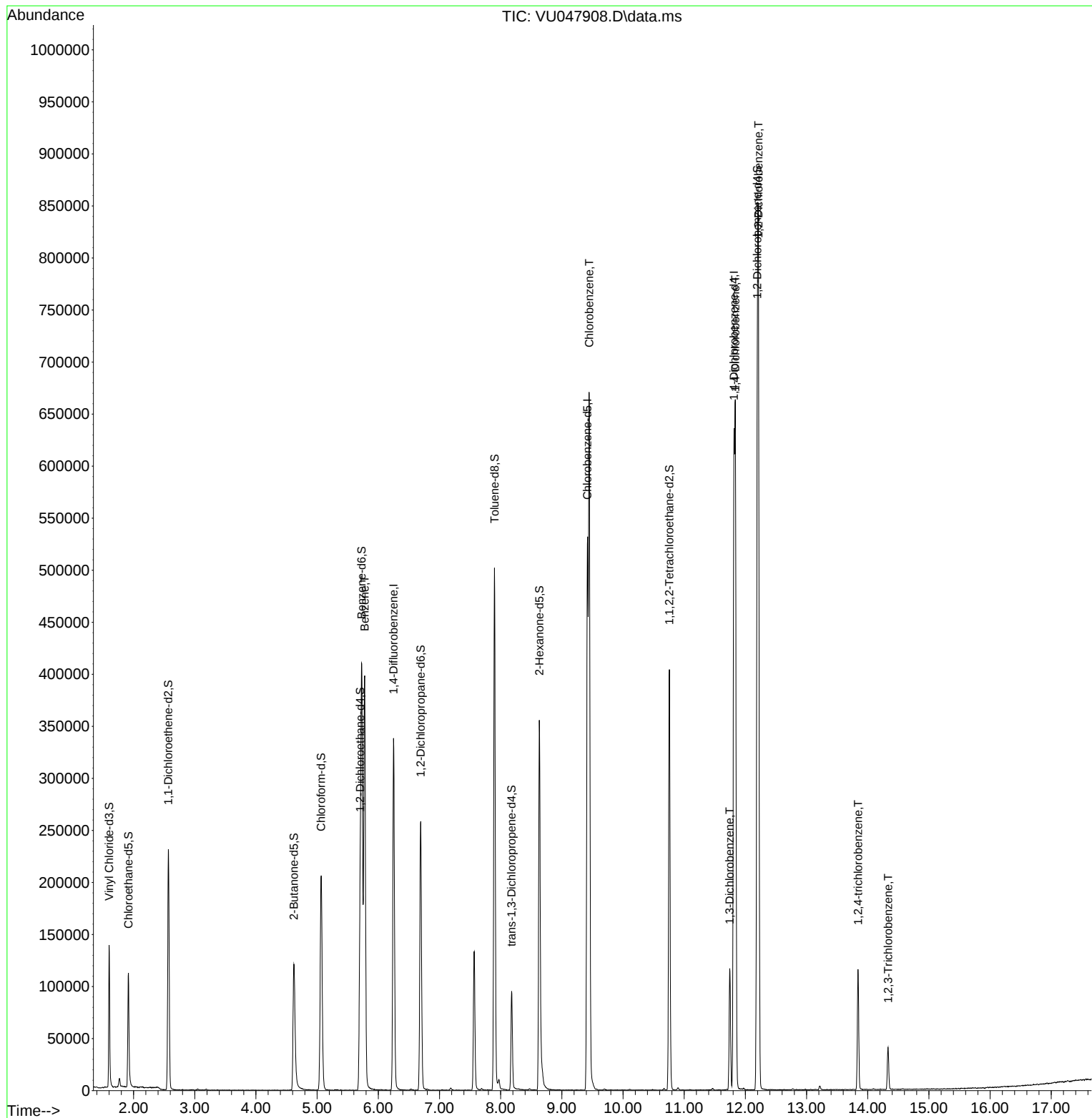
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	288368	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	303272	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163194	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	100034	47.837	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.680%
7) Chloroethane-d5	1.916	69	87714	53.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.568	63	132148	34.540	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.080%
21) 2-Butanone-d5	4.620	46	177053	98.644	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.640%
24) Chloroform-d	5.067	84	194517	50.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.680%
26) 1,2-Dichloroethane-d4	5.703	65	125511	53.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.960%
32) Benzene-d6	5.729	84	384014	50.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.640%
36) 1,2-Dichloropropane-d6	6.694	67	125014	53.343	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.680%
41) Toluene-d8	7.899	98	342115	46.014	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.020%
43) trans-1,3-Dichloroprop...	8.179	79	53051	44.681	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.360%
47) 2-Hexanone-d5	8.632	63	124905	91.042	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	197401	49.080	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.160%
66) 1,2-Dichlorobenzene-d4	12.195	152	152363	52.478	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.960%
Target Compounds						
					Qvalue	
33) Benzene	5.777	78	389641	44.387	ug/L	100
51) Chlorobenzene	9.446	112	374354	57.241	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	51507	10.507	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	262219	51.641	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	301253	61.416	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	39557	11.343	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	14778	4.227	ug/L	98

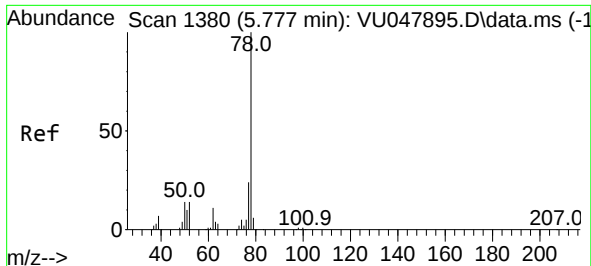
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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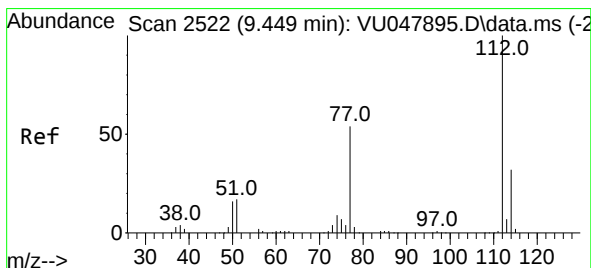
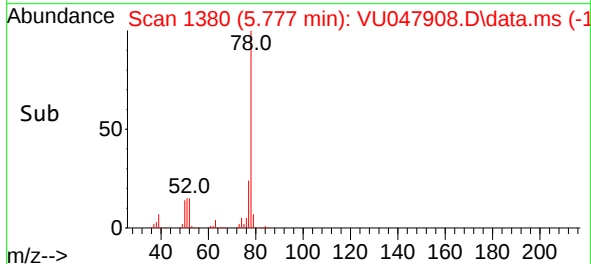
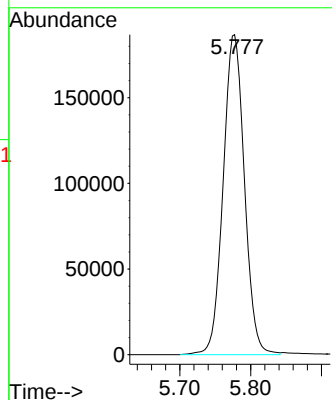
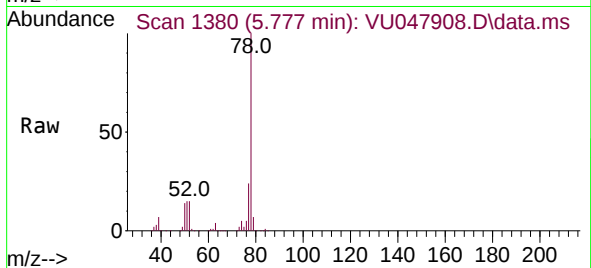




#33
Benzene
Concen: 44.387 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047908.D
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MSVOA_U
ClientSampleId :
C0J71DL

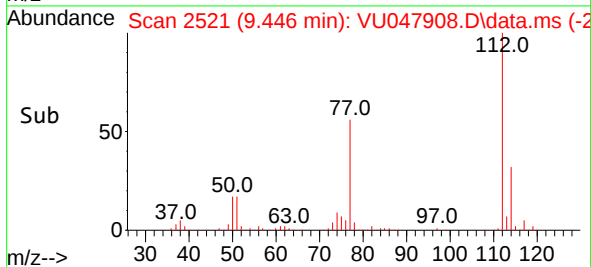
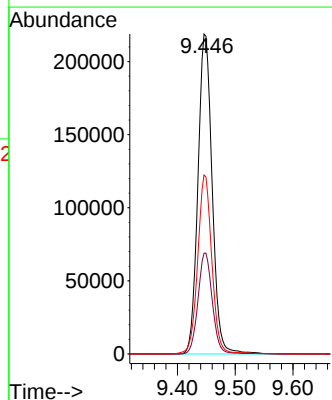
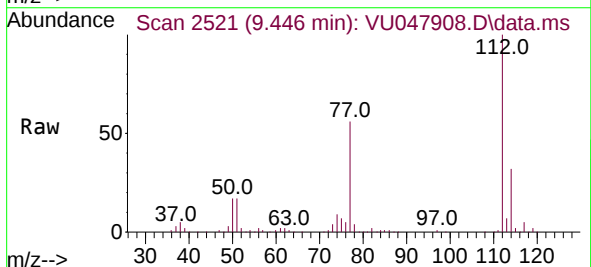
Tgt Ion: 78 Resp: 389641

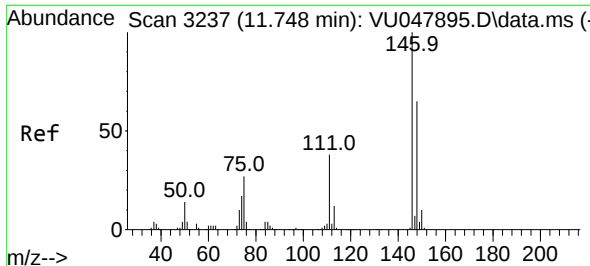


#51
Chlorobenzene
Concen: 57.241 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047908.D
Acq: 11 Apr 2022 16:05

Tgt Ion: 112 Resp: 374354

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.1	41.1
77	56.0	43.4	65.0

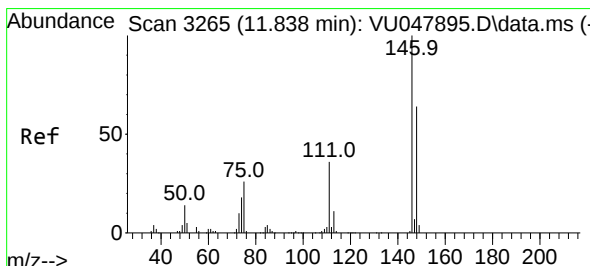
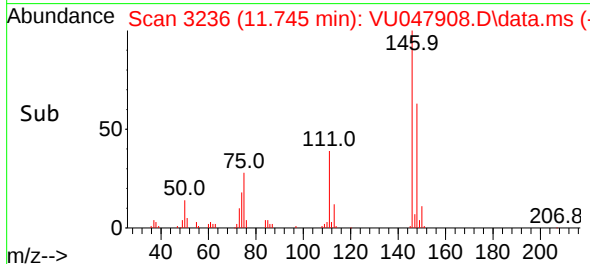
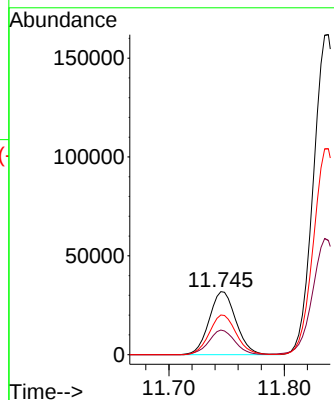
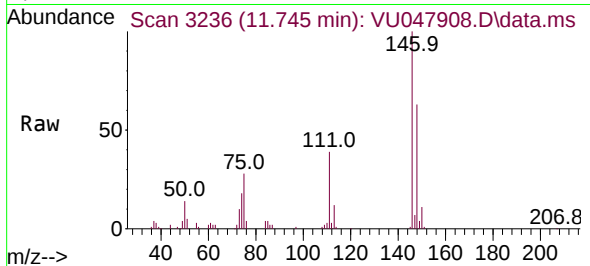




#64
1,3-Dichlorobenzene
Concen: 10.507 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047908.D
Acq: 11 Apr 2022 16:05

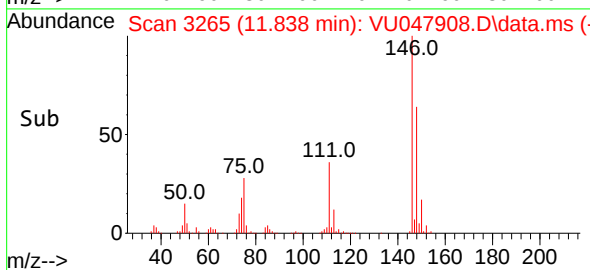
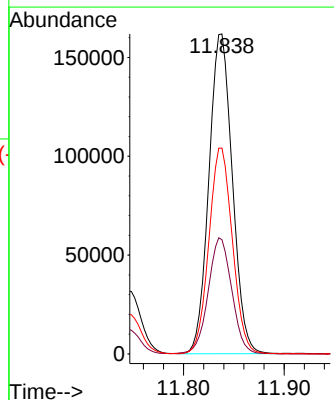
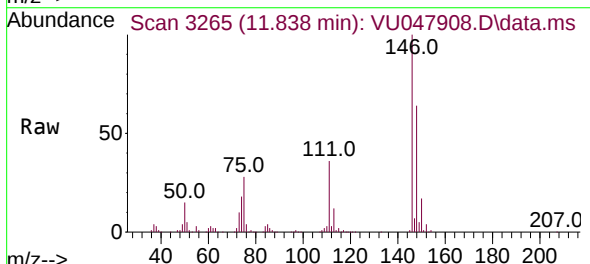
Instrument :
MSVOA_U
ClientSampleId :
C0J71DL

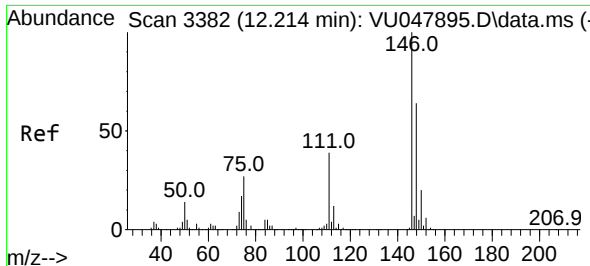
Tgt Ion:146 Resp: 51507
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.7
148 62.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 51.641 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047908.D
Acq: 11 Apr 2022 16:05

Tgt Ion:146 Resp: 262219
Ion Ratio Lower Upper
146 100
111 35.7 25.3 47.1
148 64.4 44.5 82.7

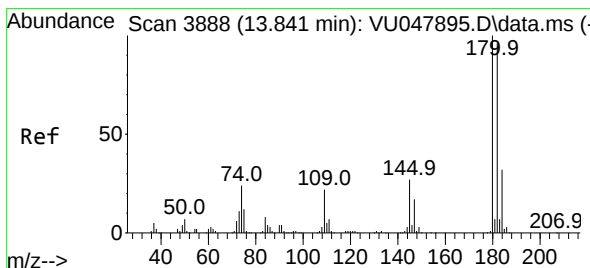
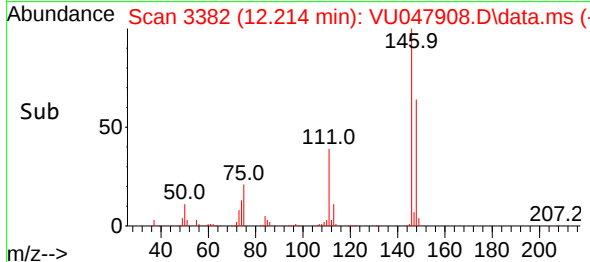
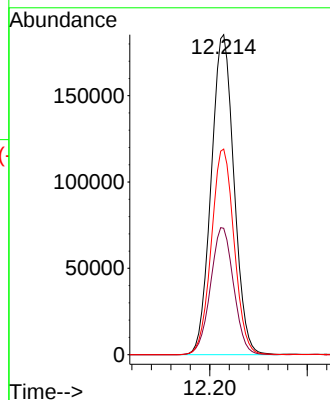
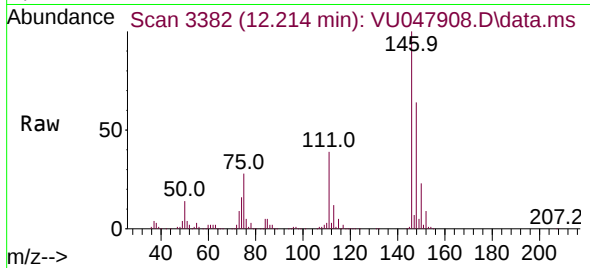




#67
1,2-Dichlorobenzene
Concen: 61.416 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047908.D
Acq: 11 Apr 2022 16:05

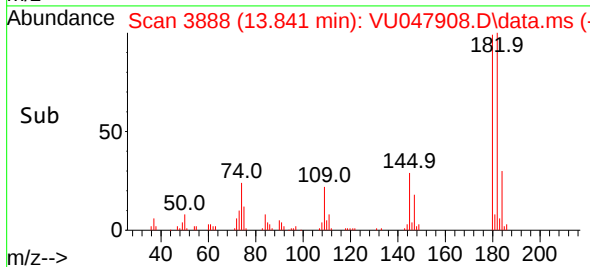
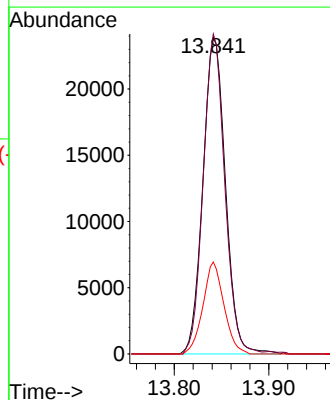
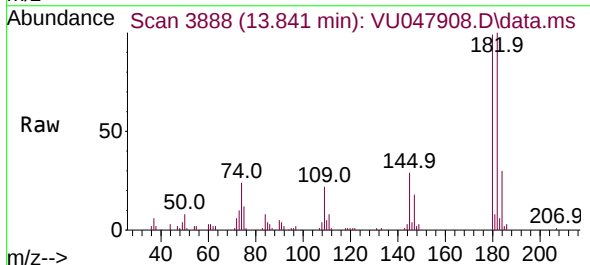
Instrument :
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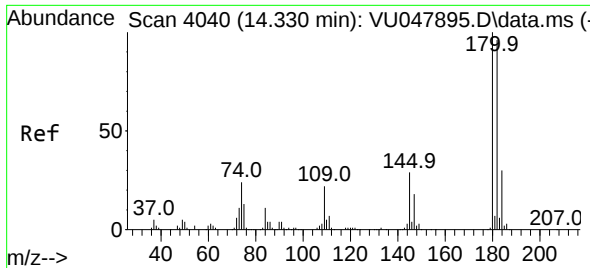
Tgt Ion:146 Resp: 301253
Ion Ratio Lower Upper
146 100
111 39.5 31.7 47.5
148 64.2 51.4 77.2



#70
1,2,4-trichlorobenzene
Concen: 11.343 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047908.D
Acq: 11 Apr 2022 16:05

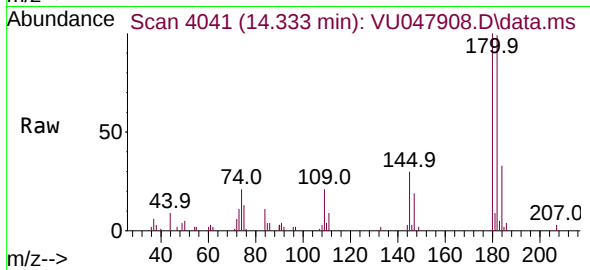
Tgt Ion:180 Resp: 39557
Ion Ratio Lower Upper
180 100
182 96.5 76.2 114.2
145 27.0 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 4.227 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU047908.D
 Acq: 11 Apr 2022 16:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J71DL



Tgt Ion:	180	Resp:	14778
Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.4	116.0
145	28.3	22.8	34.2

