

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048208.D
 Acq On : 22 Apr 2022 06:46
 Operator : SY/MD
 Sample : N2488-10 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HZ2

Quant Time: Apr 22 07:43:55 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/22/2022
 Supervised By : Mahesh Dadoda 04/25/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	295310	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	296849	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	148023	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	81835	38.214	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.420%		
7) Chloroethane-d5	1.915	69	73181	43.339	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.680%		
11) 1,1-Dichloroethene-d2	2.568	63	106248	27.118	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.240%#		
21) 2-Butanone-d5	4.620	46	190066	103.404	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.400%		
24) Chloroform-d	5.066	84	179711	45.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.720%		
26) 1,2-Dichloroethane-d4	5.703	65	115469	48.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.100%		
32) Benzene-d6	5.729	84	348269	46.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.260%		
36) 1,2-Dichloropropane-d6	6.693	67	122418	53.365	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.740%		
41) Toluene-d8	7.899	98	276908	38.050	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.100%#		
43) trans-1,3-Dichloroprop...	8.179	79	45970	39.555	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.120%		
47) 2-Hexanone-d5	8.632	63	122459	91.191	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.190%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	195140	49.568	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.140%		
66) 1,2-Dichlorobenzene-d4	12.195	152	132887m	50.461	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.920%		
Target Compounds						Qvalue
31) Carbon tetrachloride	5.533	117	3516	1.157	ug/L	97
33) Benzene	5.777	78	936889	109.037	ug/L	100
51) Chlorobenzene	9.449	112	2849069	445.067	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	128801	28.967	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	1167286	253.445	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	1226614	275.696	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	237189	74.987	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	65983	20.809	ug/L	99

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

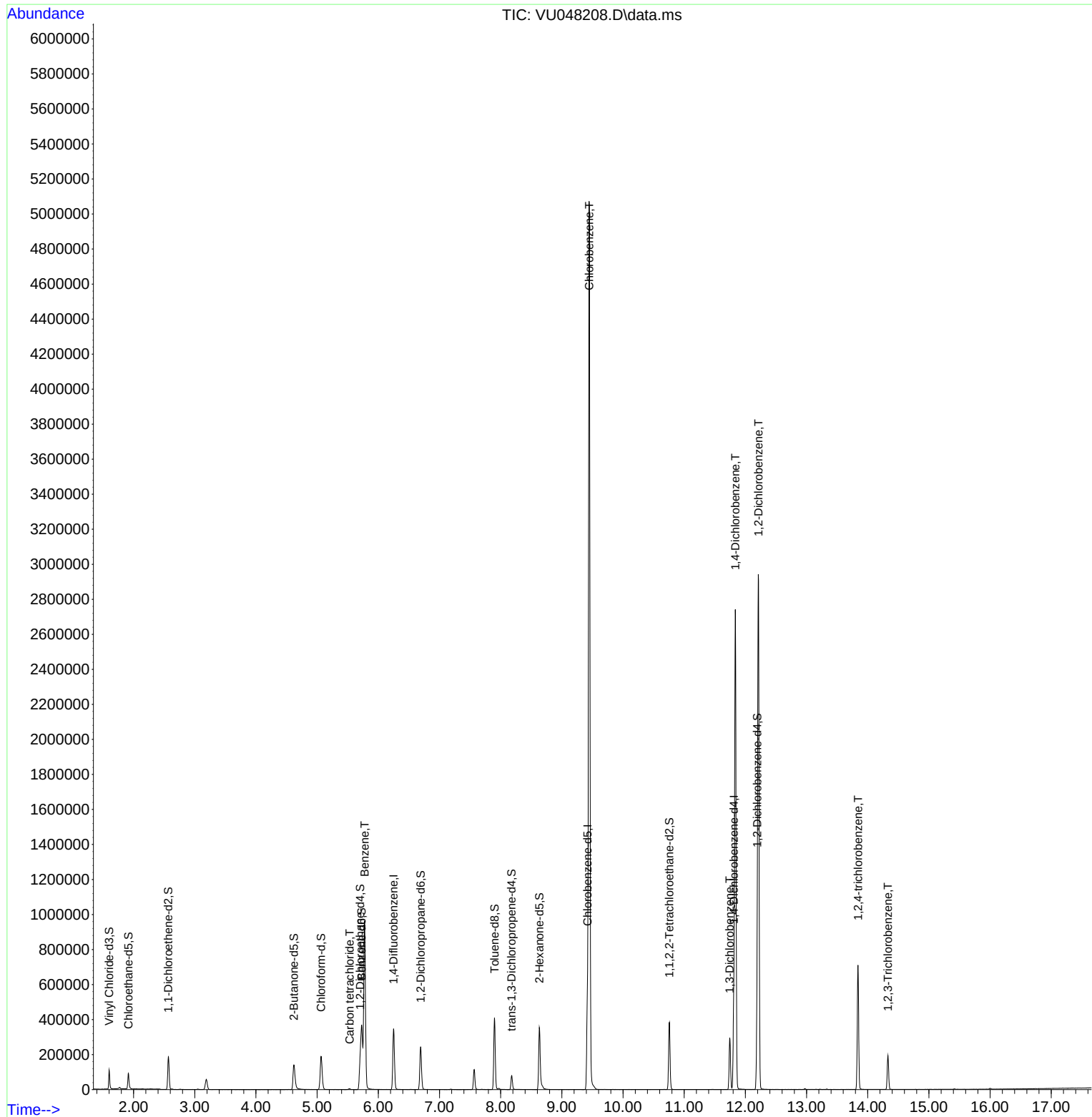
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
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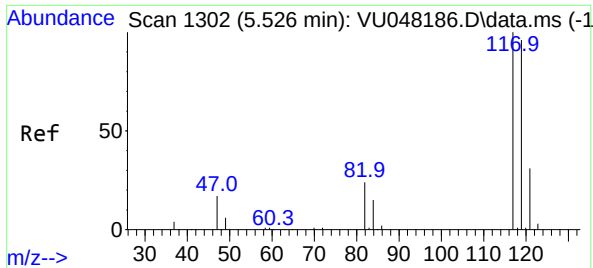
Instrument :
MSVOA_U
ClientSampleId :
C0HZ2

Quant Time: Apr 22 07:43:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
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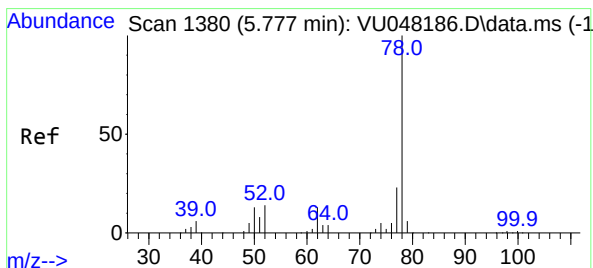
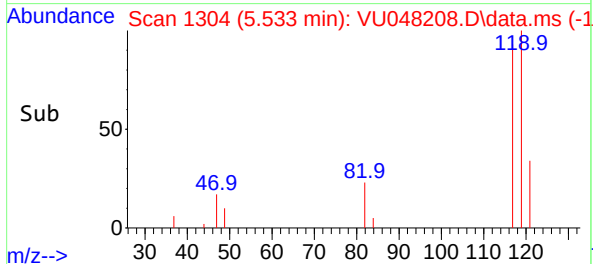
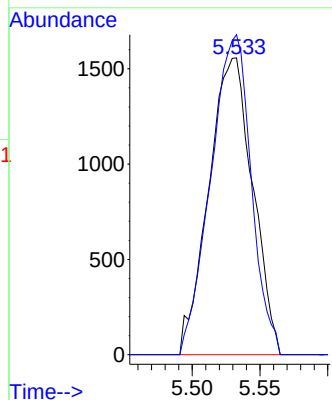
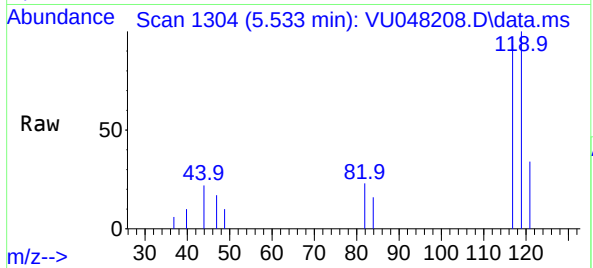
#31
Carbon tetrachloride
Concen: 1.157 ug/L
RT: 5.533 min Scan# 111
Delta R.T. 0.006 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

Instrument :
MSVOA_U
ClientSampleId :
C0HZ2

Tgt Ion:117 Resp: 3510
Ion Ratio Lower Upper
117 100
119 99.1 77.2 115.8

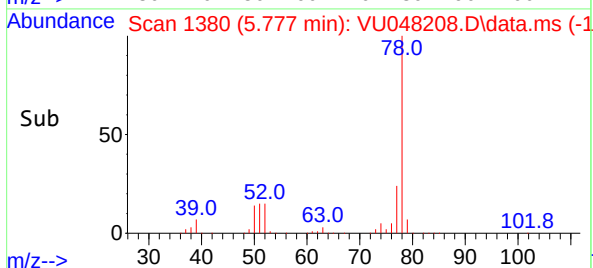
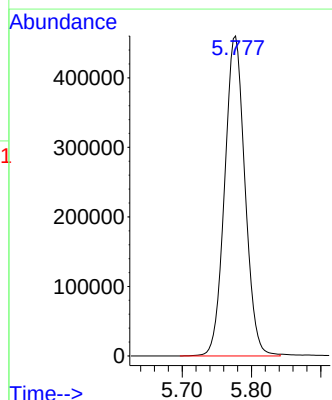
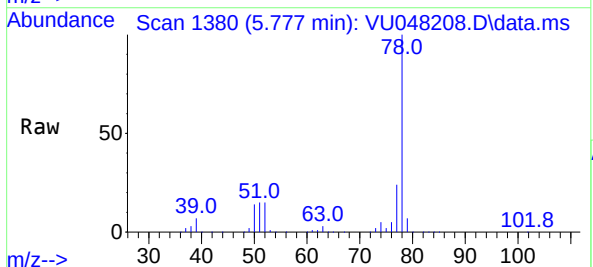
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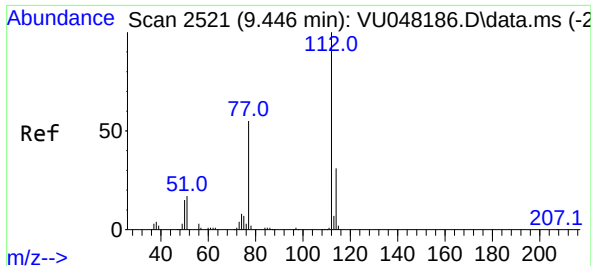
Reviewed By :Semsettin Yesilyurt 04/22/2022
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#33
Benzene
Concen: 109.037 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

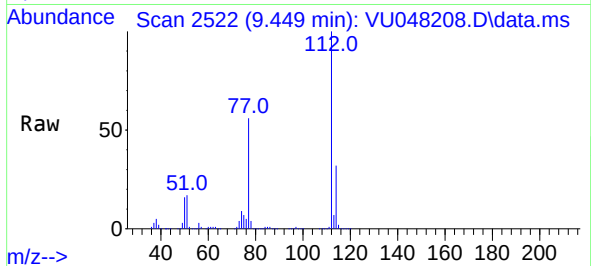
Tgt Ion: 78 Resp: 936889





#51
Chlorobenzene
Concen: 445.067 ug/L
RT: 9.449 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

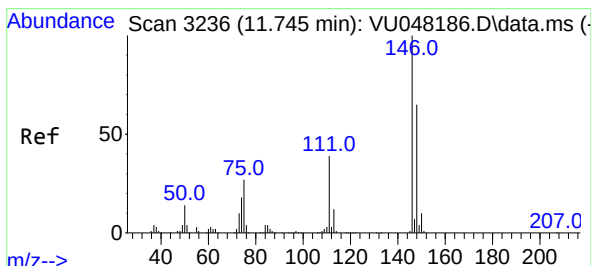
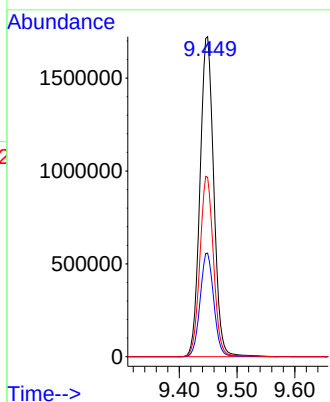
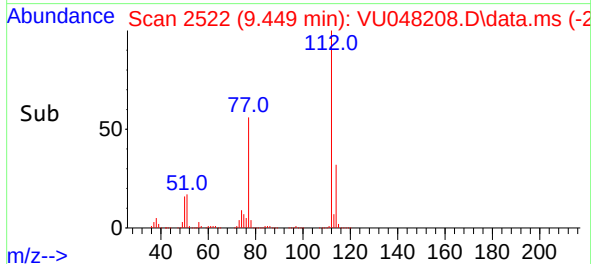
Instrument :
MSVOA_U
ClientSampleId :
C0HZ2



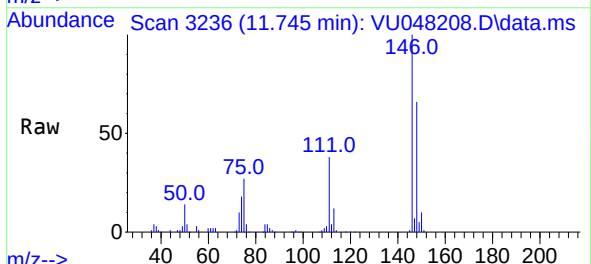
Tgt Ion:112 Resp: 2849069
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 56.0 43.4 65.0

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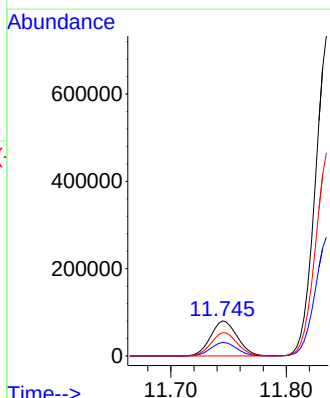
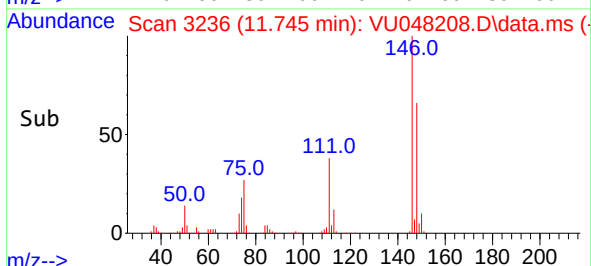
Reviewed By :Semsettin Yesilyurt 04/22/2022
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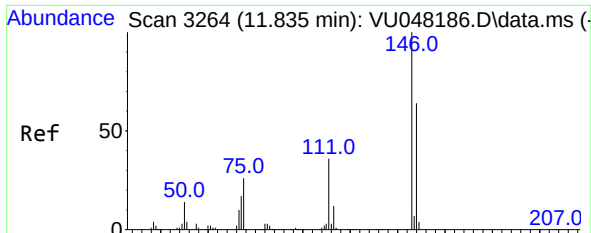


#64
1,3-Dichlorobenzene
Concen: 28.967 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46



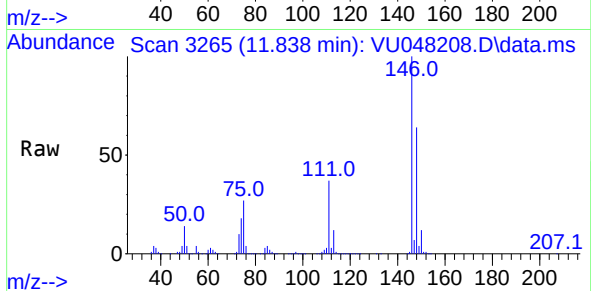
Tgt Ion:146 Resp: 128801
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 66.2 44.4 82.5





#65
1,4-Dichlorobenzene
Concen: 253.445 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

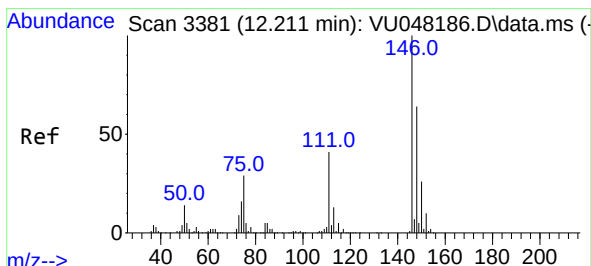
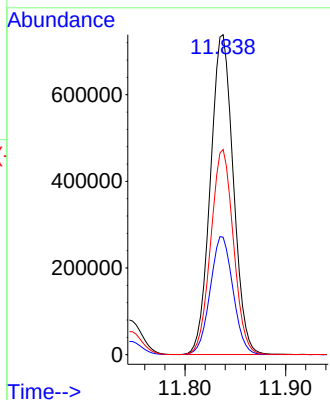
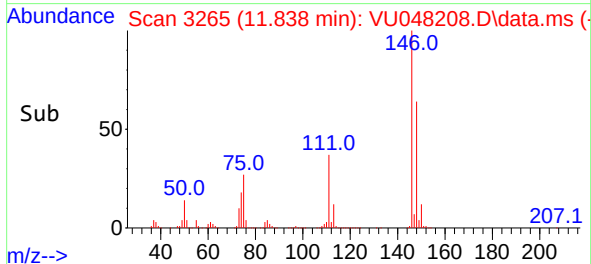
Instrument :
MSVOA_U
ClientSampleId :
C0HZ2



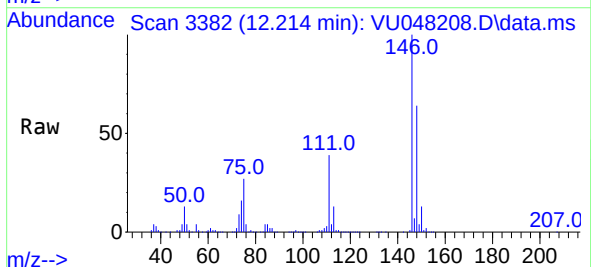
Tgt Ion:146 Resp: 1167280
Ion Ratio Lower Upper
146 100
111 36.7 25.3 47.1
148 64.1 44.5 82.7

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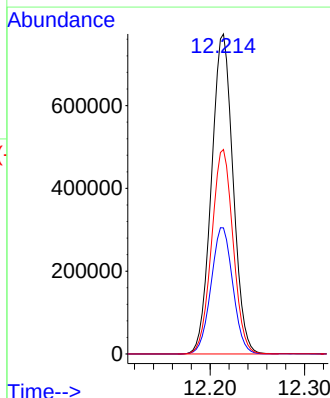
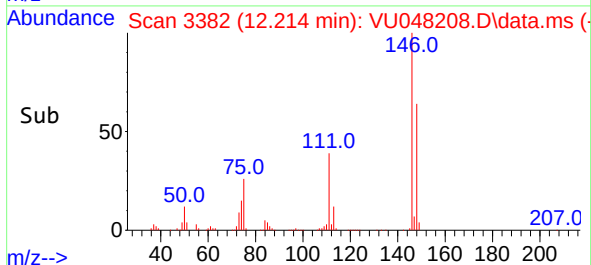
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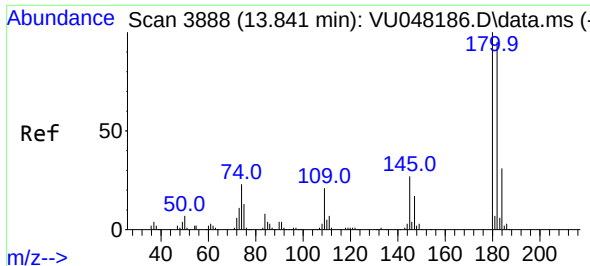


#67
1,2-Dichlorobenzene
Concen: 275.696 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46



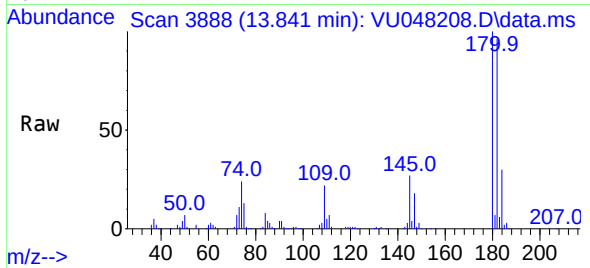
Tgt Ion:146 Resp: 1226614
Ion Ratio Lower Upper
146 100
111 39.4 31.7 47.5
148 63.9 51.4 77.2





#70
1,2,4-trichlorobenzene
Concen: 74.987 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46

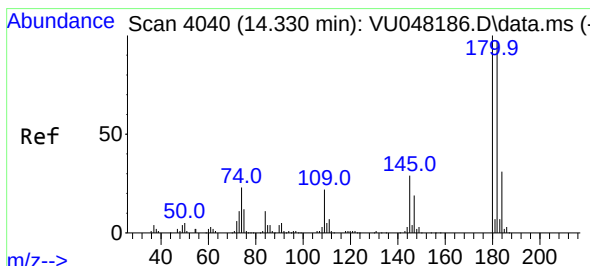
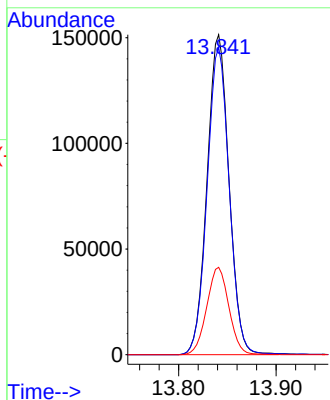
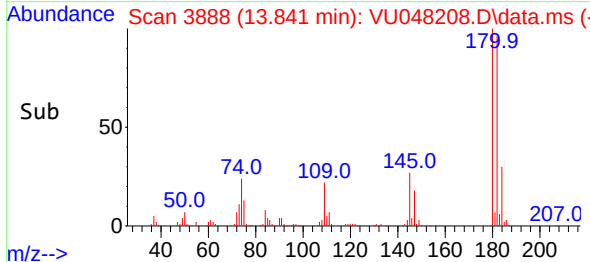
Instrument :
MSVOA_U
ClientSampleId :
COHZ2



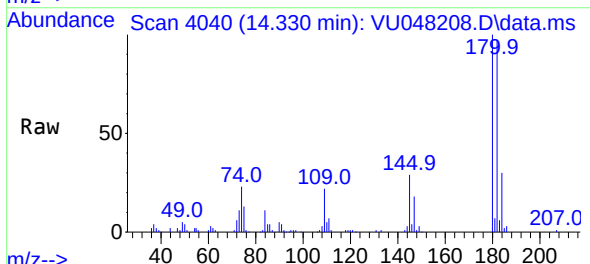
Tgt Ion:180 Resp: 237189
Ion Ratio Lower Upper
180 100
182 96.5 76.2 114.2
145 27.6 21.8 32.8

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#72
1,2,3-Trichlorobenzene
Concen: 20.809 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048208.D
Acq: 22 Apr 2022 06:46



Tgt Ion:180 Resp: 65983
Ion Ratio Lower Upper
180 100
182 95.3 77.4 116.0
145 28.6 22.8 34.2

