

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048153.D
 Acq On : 20 Apr 2022 19:13
 Operator : SY/MD
 Sample : N2485-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J18

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 02:44:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	350267	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	359629	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	190164	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	108746	42.813	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.620%		
7) Chloroethane-d5	1.916	69	90656	45.265	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.520%		
11) 1,1-Dichloroethene-d2	2.571	63	143678	30.917	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.840%		
21) 2-Butanone-d5	4.626	46	183600	84.214	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.210%		
24) Chloroform-d	5.067	84	205234	44.160	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.320%		
26) 1,2-Dichloroethane-d4	5.703	65	128448	45.063	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.120%		
32) Benzene-d6	5.729	84	416750	46.053	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.100%		
36) 1,2-Dichloropropane-d6	6.694	67	135693	48.826	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.660%		
41) Toluene-d8	7.899	98	363384	41.216	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.440%		
43) trans-1,3-Dichloroprop...	8.179	79	56741	40.300	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.600%		
47) 2-Hexanone-d5	8.632	63	131762	80.990	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.990%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	208638	43.745	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.480%		
66) 1,2-Dichlorobenzene-d4	12.192	152	168239	49.728	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.460%		
Target Compounds						Qvalue
31) Carbon tetrachloride	5.533	117	3834m	1.041	ug/L	
33) Benzene	5.777	78	2753410	264.508	ug/L	100
51) Chlorobenzene	9.449	112	3807865	491.004	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	107517	18.822	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	1447977	244.720	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	1175333	205.629	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	122978	30.263	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	24792	6.086	ug/L	99

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

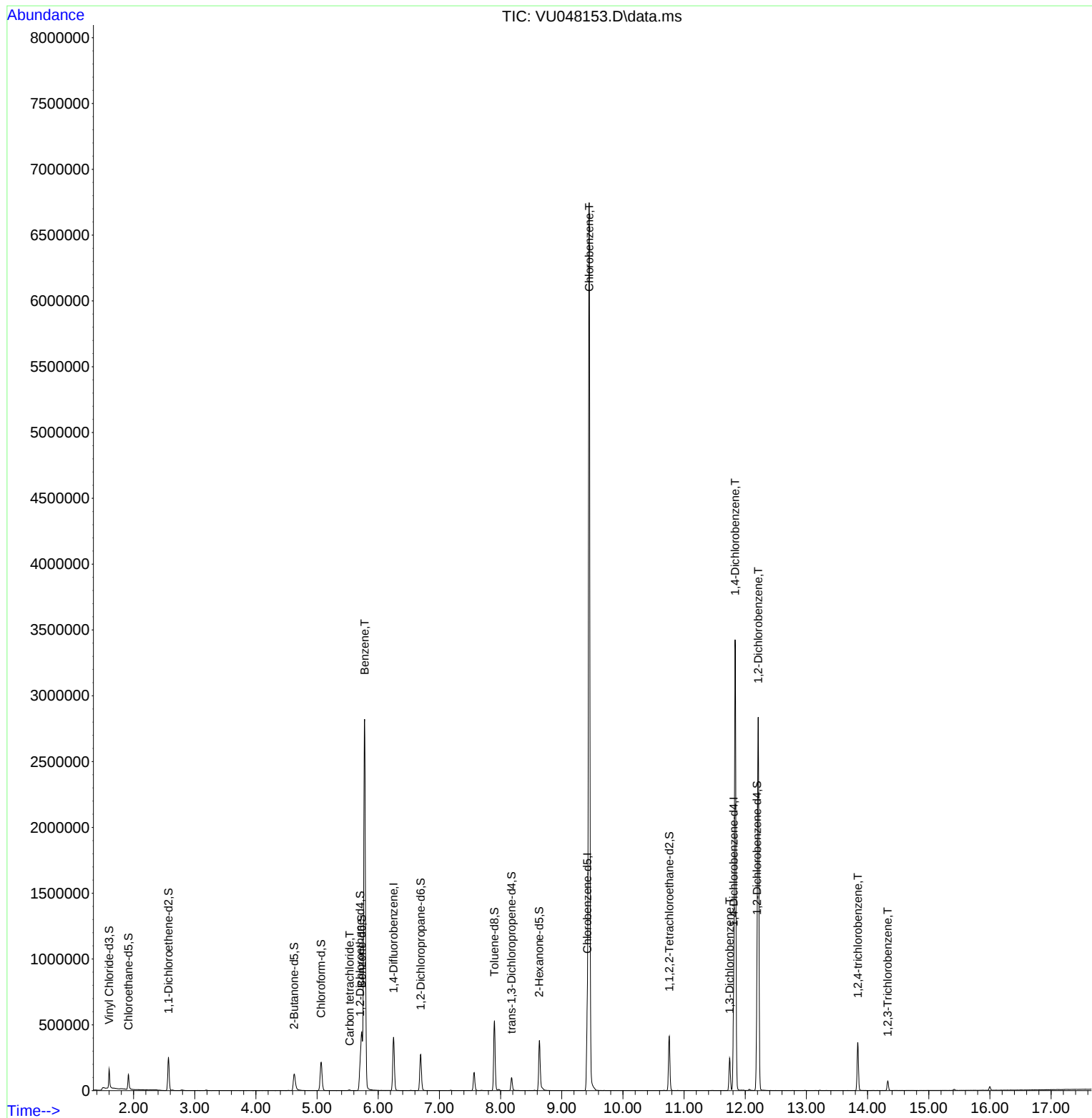
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
Data File : VU048153.D
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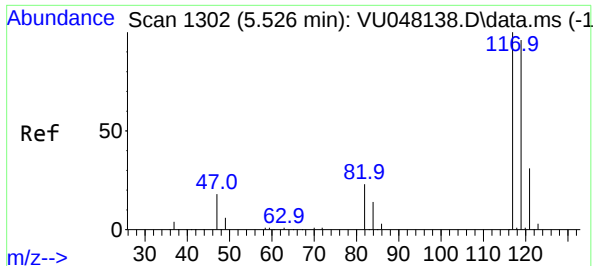
Instrument :
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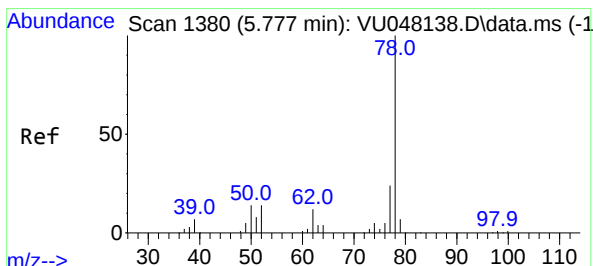
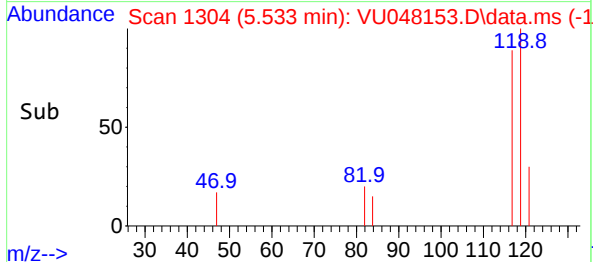
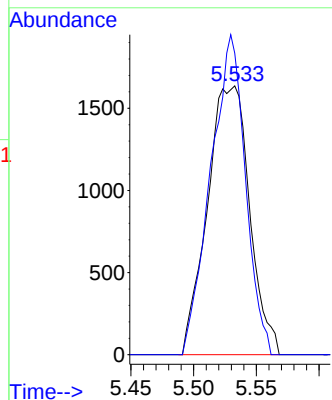
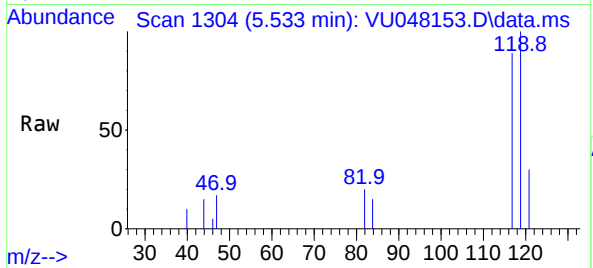
#31
Carbon tetrachloride
Concen: 1.041 ug/L m
RT: 5.533 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU048153.D
Acq: 20 Apr 2022 19:13

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 3834
Ion Ratio Lower Upper
117 100
119 98.1 77.2 115.8

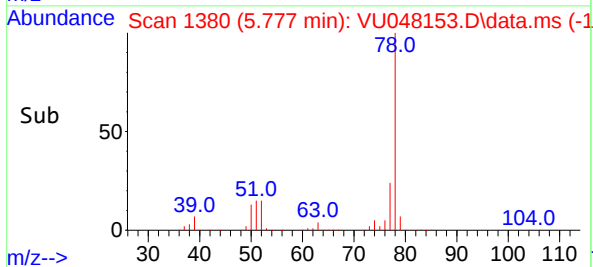
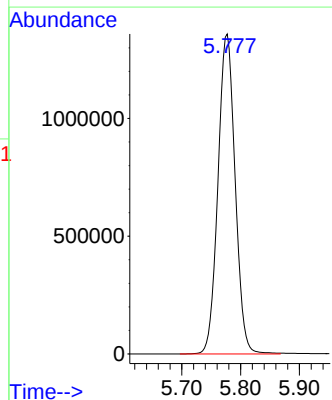
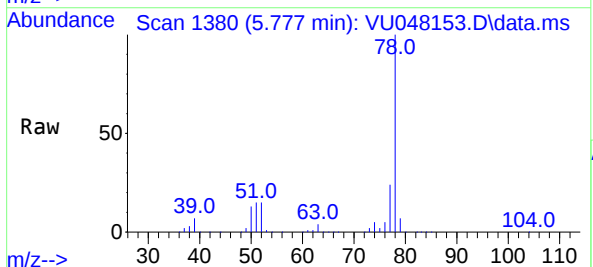
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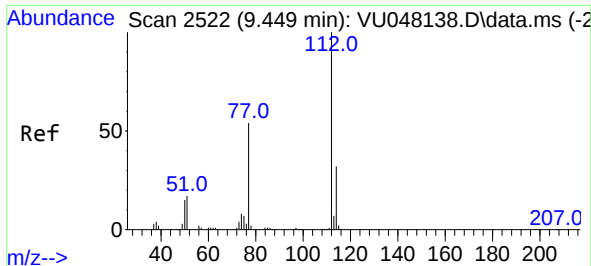
Reviewed By :John Carlone 04/21/2022
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#33
Benzene
Concen: 264.508 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048153.D
Acq: 20 Apr 2022 19:13

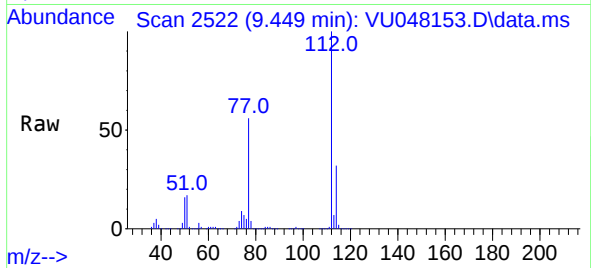
Tgt Ion: 78 Resp: 2753410





#51
Chlorobenzene
Concen: 491.004 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048153.D
Acq: 20 Apr 2022 19:13

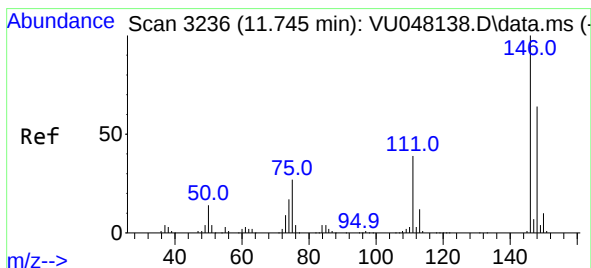
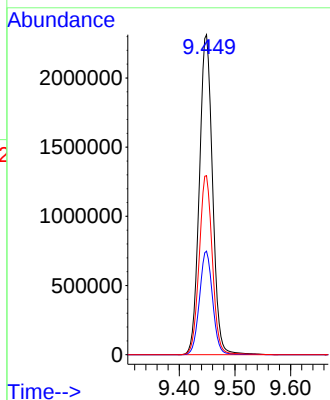
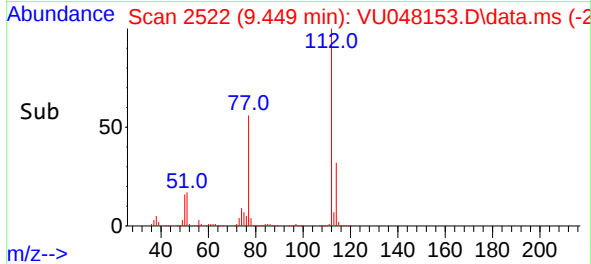
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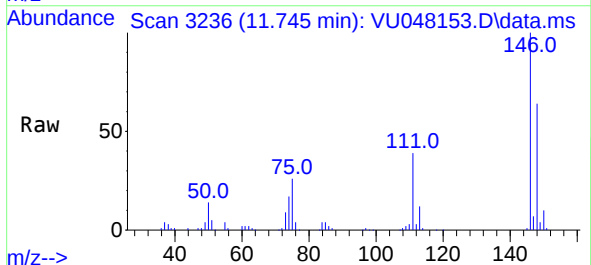
Tgt Ion:112 Resp: 380786
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 56.0 43.4 65.0

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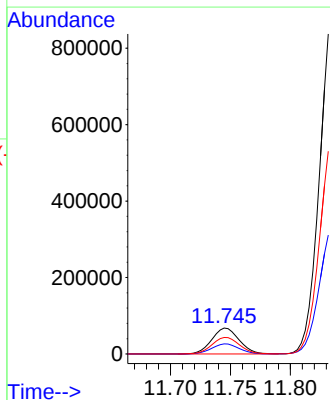
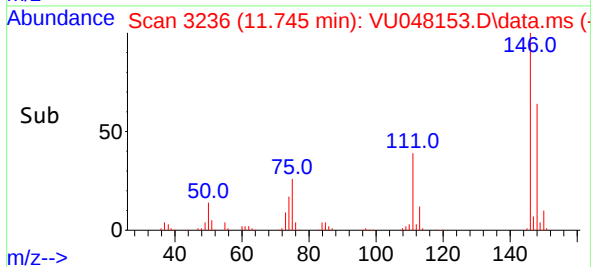
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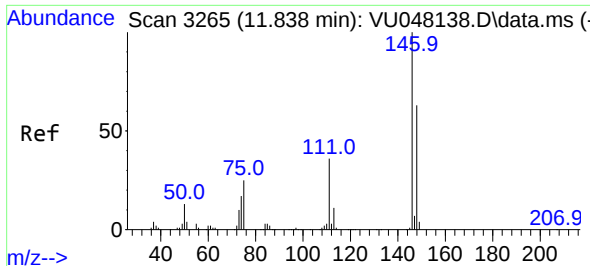


#64
1,3-Dichlorobenzene
Concen: 18.822 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU048153.D
Acq: 20 Apr 2022 19:13



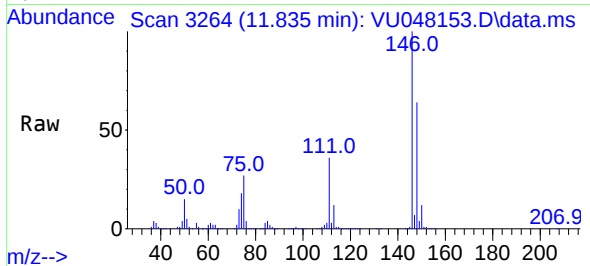
Tgt Ion:146 Resp: 107517
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 63.8 44.4 82.5





#65
1,4-Dichlorobenzene
Concen: 244.720 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048153.D
Acq: 20 Apr 2022 19:13

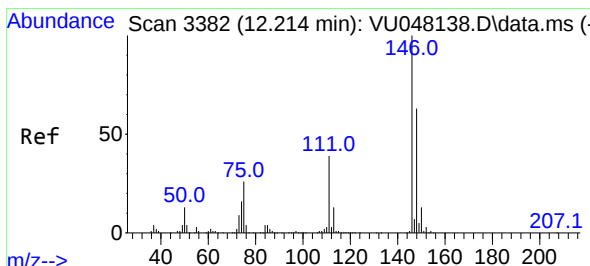
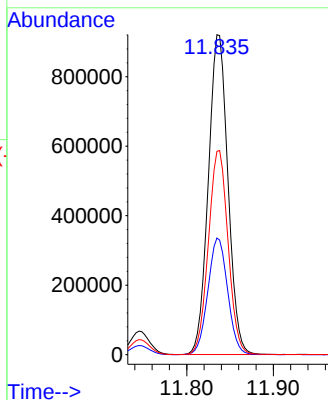
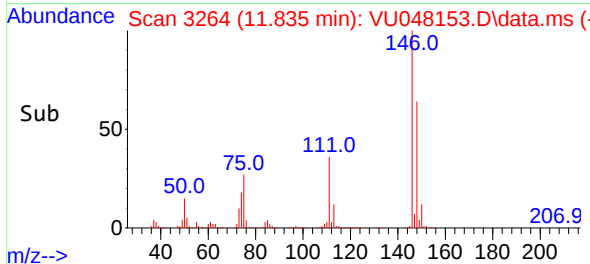
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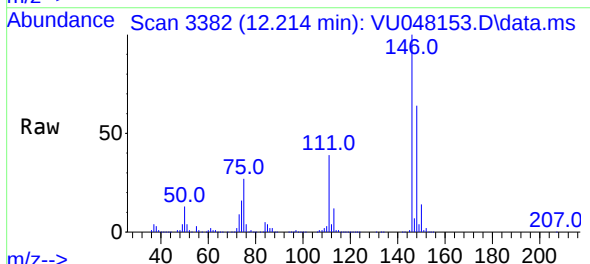
Tgt Ion:146 Resp: 144797
Ion Ratio Lower Upper
146 100
111 36.5 25.3 47.1
148 63.6 44.5 82.7

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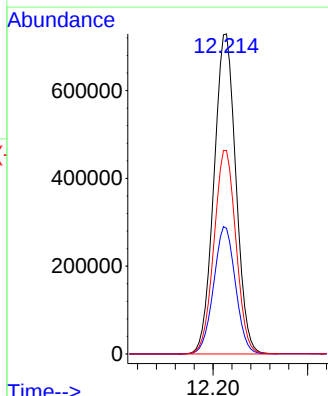
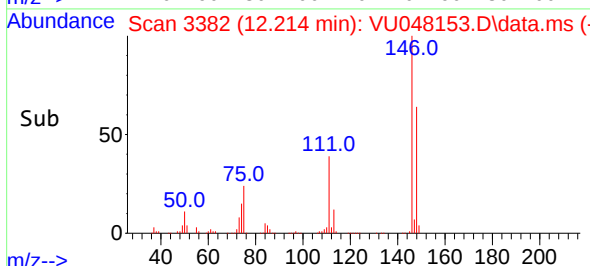
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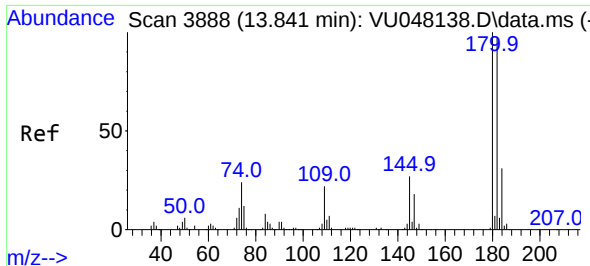


#67
1,2-Dichlorobenzene
Concen: 205.629 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048153.D
Acq: 20 Apr 2022 19:13



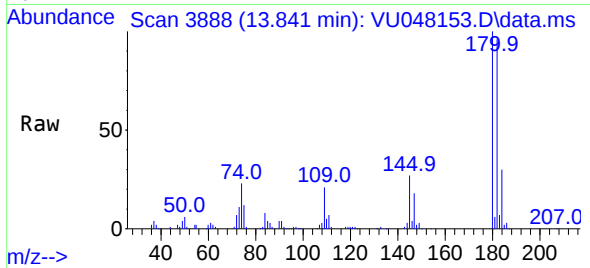
Tgt Ion:146 Resp: 1175333
Ion Ratio Lower Upper
146 100
111 39.3 31.7 47.5
148 63.6 51.4 77.2





#70
1,2,4-trichlorobenzene
Concen: 30.263 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048153.D
Acq: 20 Apr 2022 19:13

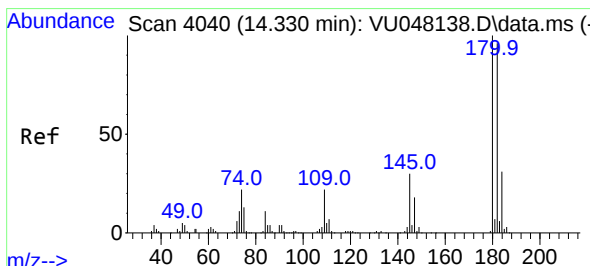
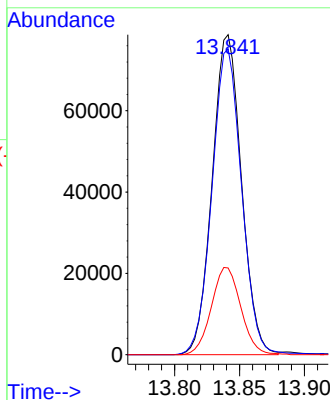
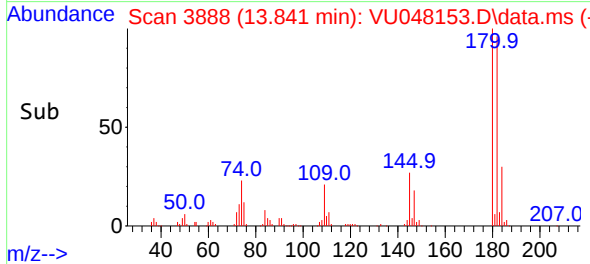
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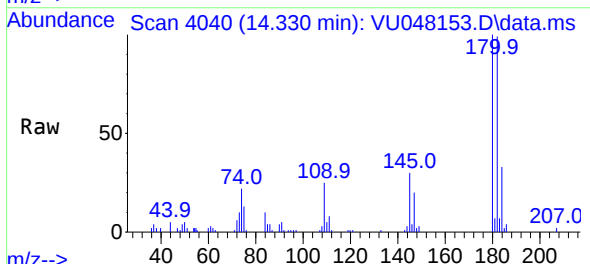
Tgt Ion:180 Resp: 122978
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.2
145 27.5 21.8 32.8

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#72
1,2,3-Trichlorobenzene
Concen: 6.086 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048153.D
Acq: 20 Apr 2022 19:13



Tgt Ion:180 Resp: 24792
Ion Ratio Lower Upper
180 100
182 96.3 77.4 116.0
145 29.3 22.8 34.2

