

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047878.D
 Acq On : 08 Apr 2022 19:42
 Operator : SY/MD
 Sample : N2343-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HZ3

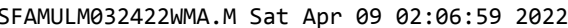
Quant Time: Apr 09 02:06:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

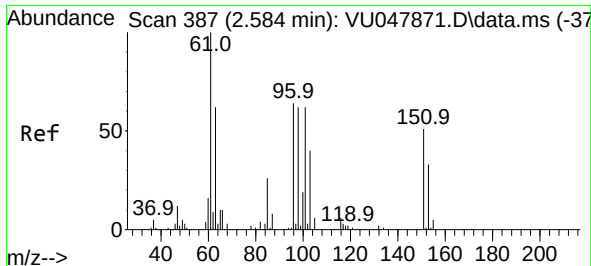
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	294064	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	312384	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	160583	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	107744	50.526	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.060%			
7) Chloroethane-d5	1.915	69	91655	54.510	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.020%			
11) 1,1-Dichloroethene-d2	2.571	63	139261	35.694	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.380%			
21) 2-Butanone-d5	4.620	46	167575	91.555	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.550%			
24) Chloroform-d	5.066	84	194893	49.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.900%			
26) 1,2-Dichloroethane-d4	5.703	65	125652	52.507	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.020%			
32) Benzene-d6	5.729	84	390635	49.696	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.400%			
36) 1,2-Dichloropropane-d6	6.693	67	124673	51.645	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.300%			
41) Toluene-d8	7.899	98	344059	44.926	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.860%			
43) trans-1,3-Dichloroprop...	8.179	79	52662	43.060	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.120%			
47) 2-Hexanone-d5	8.632	63	116458	82.409	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.410%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	191027	46.110	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.220%			
66) 1,2-Dichlorobenzene-d4	12.195	152	150023	52.512	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.020%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1445	0.667	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1307	0.648	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	2450	0.785	ug/L #	75
33) Benzene	5.777	78	251341	27.797	ug/L	100
44) trans-1,3-Dichloropropene	8.179	75	2391	0.671	ug/L	90
51) Chlorobenzene	9.449	112	711944	105.685	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	8603	1.783	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	109822	21.980	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	115545	23.939	ug/L	99
69) 1,3,5-Trichlorobenzene	13.844	180	8274	2.112	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	8274	2.411	ug/L	98

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

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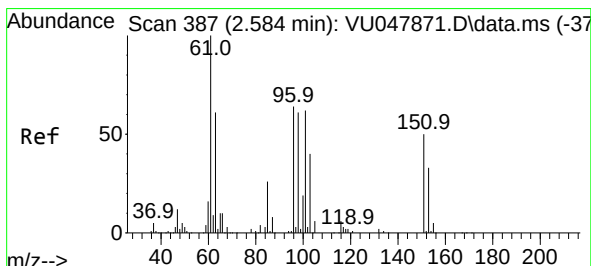
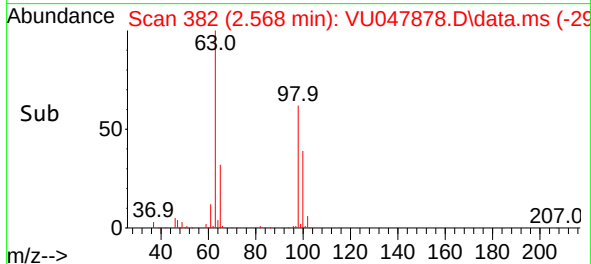
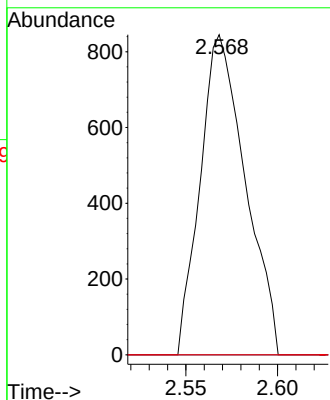
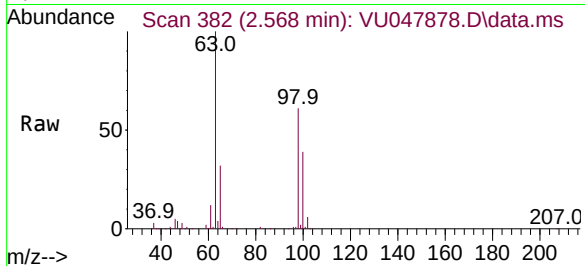




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.667 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU047878.D
Acq: 08 Apr 2022 19:42

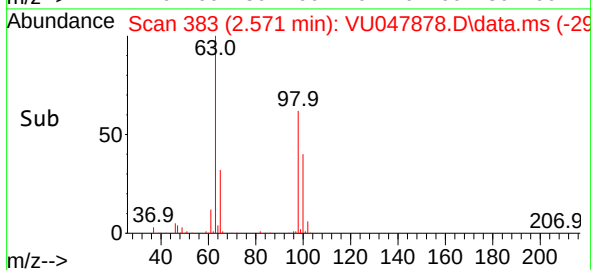
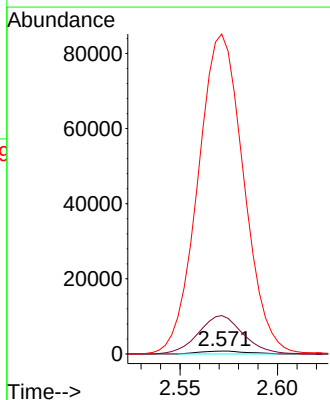
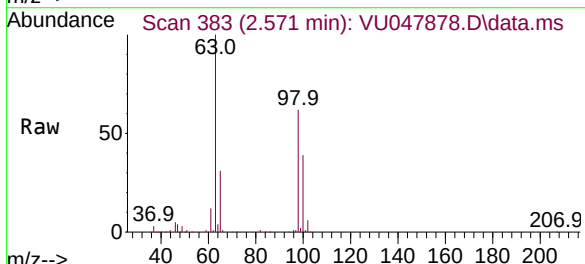
Instrument :
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ClientSampleId :
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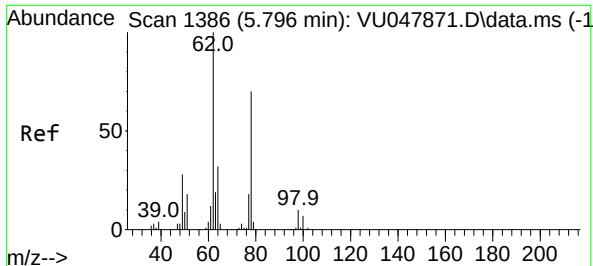
Tgt Ion:101 Resp: 1445
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.648 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU047878.D
Acq: 08 Apr 2022 19:42

Tgt Ion: 96 Resp: 1307
Ion Ratio Lower Upper
96 100
61 1317.5 113.1 210.1#
63 10992.5 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 0.785 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. -0.019 min

Lab File: VU047878.D

Acq: 08 Apr 2022 19:42

Instrument :

MSVOA_U

ClientSampleId :

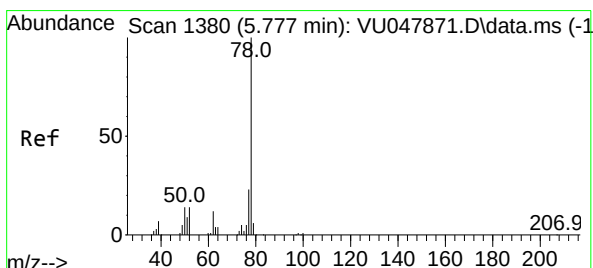
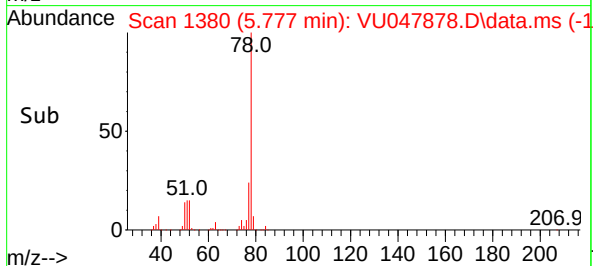
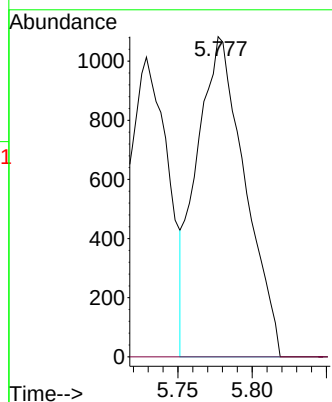
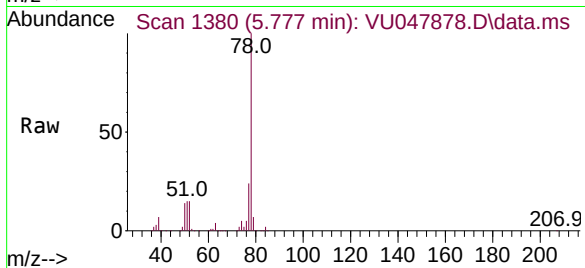
COHZ3

Tgt Ion: 62 Resp: 2450

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 27.797 ug/L

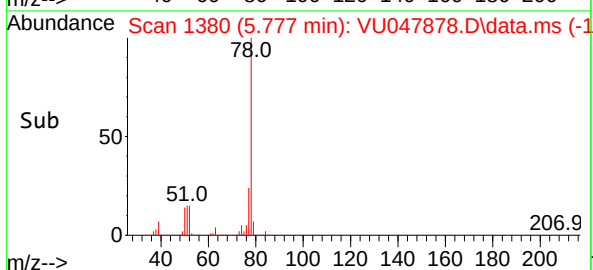
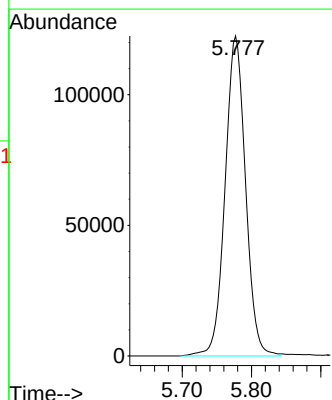
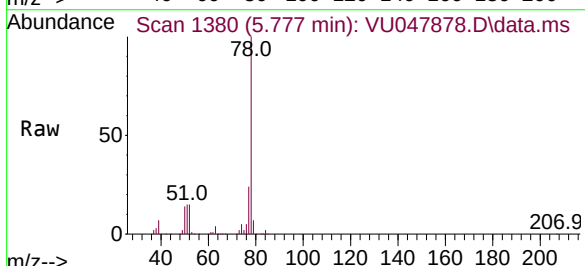
RT: 5.777 min Scan# 1380

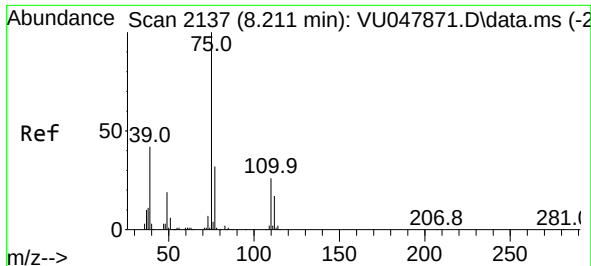
Delta R.T. -0.000 min

Lab File: VU047878.D

Acq: 08 Apr 2022 19:42

Tgt Ion: 78 Resp: 251341

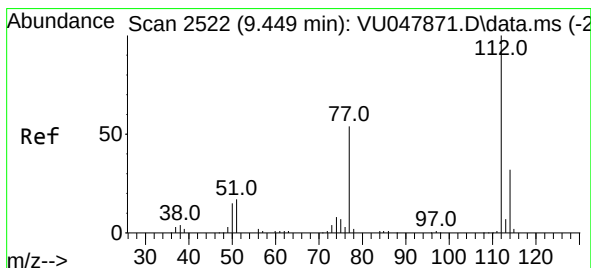
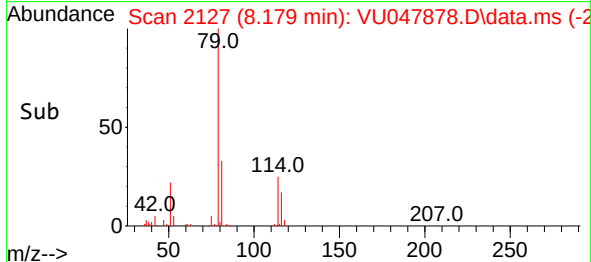
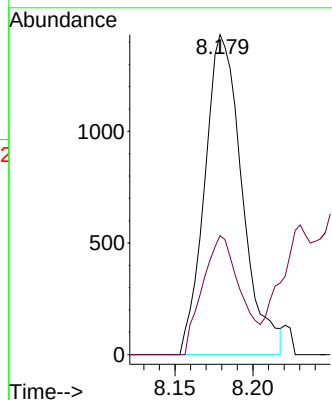
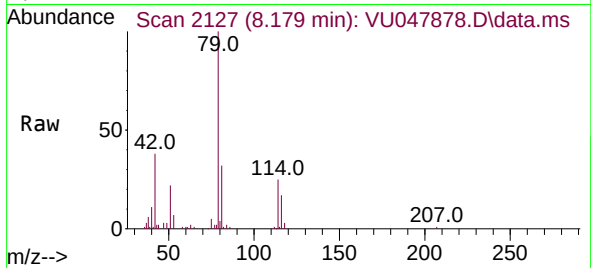




#44
trans-1,3-Dichloropropene
Concen: 0.671 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU047878.D
Acq: 08 Apr 2022 19:42

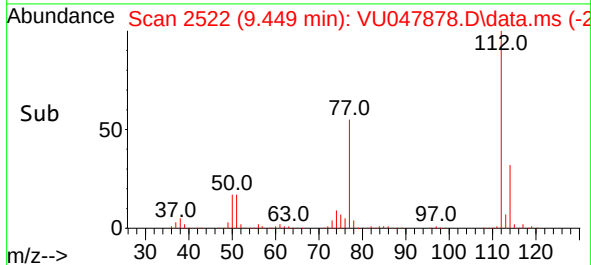
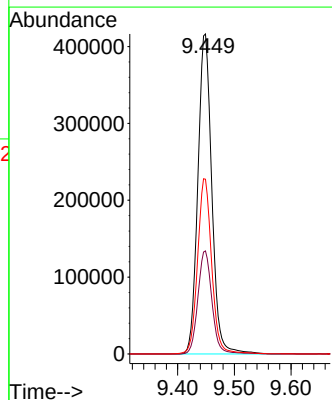
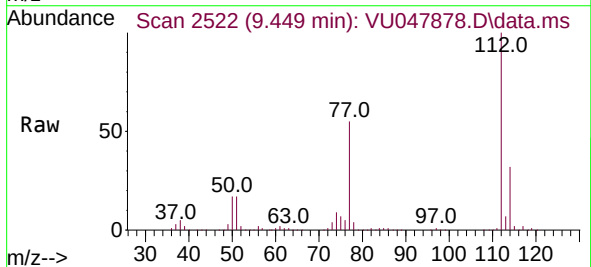
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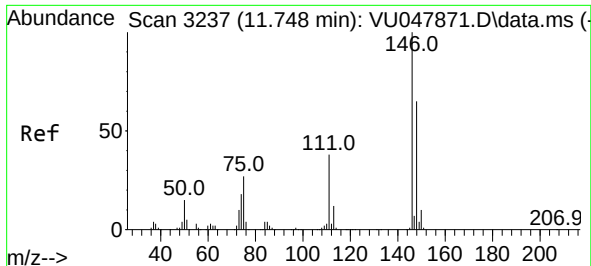
Tgt Ion: 75 Resp: 2391
Ion Ratio Lower Upper
75 100
77 37.2 22.0 40.8



#51
Chlorobenzene
Concen: 105.685 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047878.D
Acq: 08 Apr 2022 19:42

Tgt Ion: 112 Resp: 711944
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 54.6 43.4 65.0

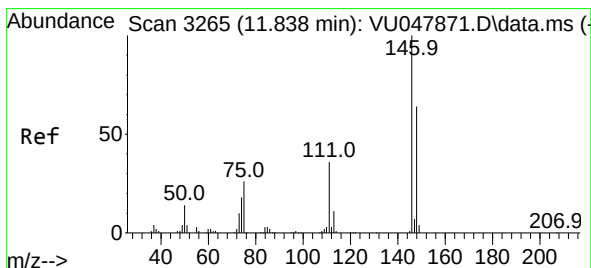
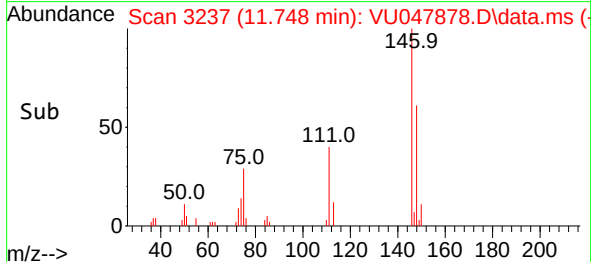
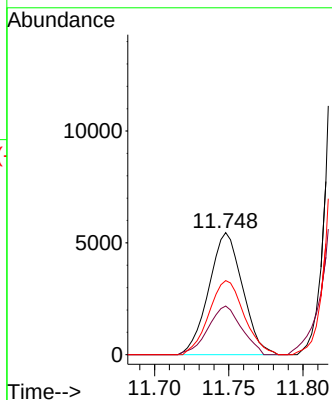
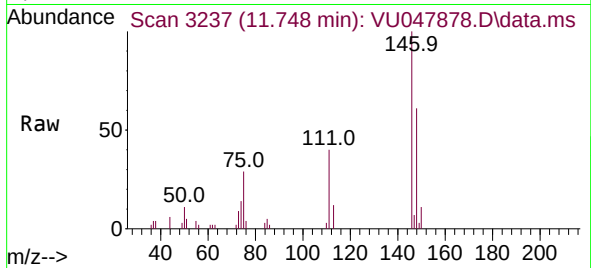




#64
1,3-Dichlorobenzene
Concen: 1.783 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047878.D
Acq: 08 Apr 2022 19:42

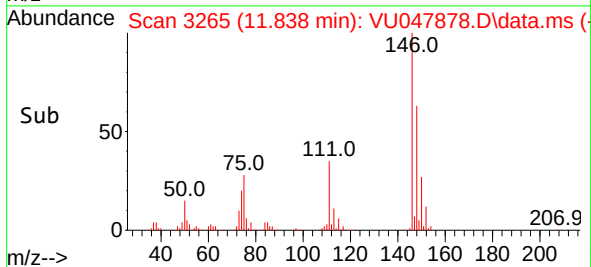
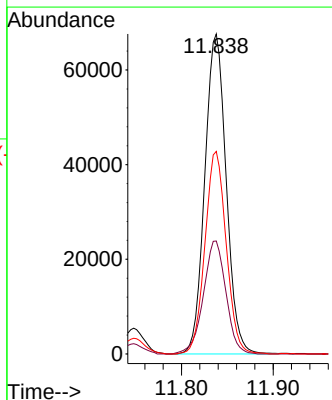
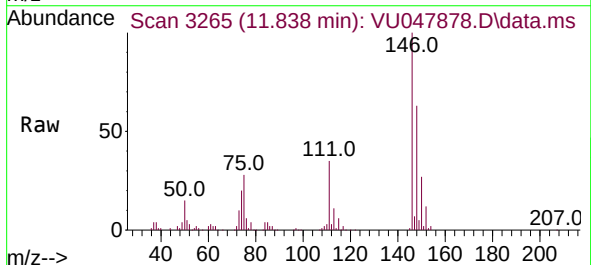
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ClientSampleId :
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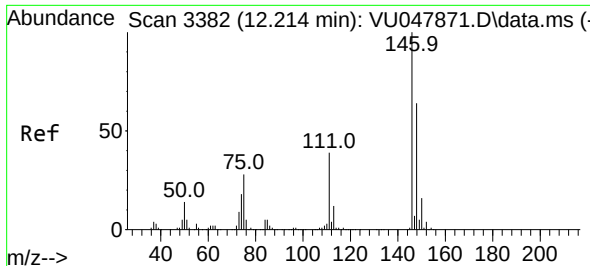
Tgt Ion:146 Resp: 8603
Ion Ratio Lower Upper
146 100
111 39.8 26.7 49.7
148 60.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 21.980 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047878.D
Acq: 08 Apr 2022 19:42

Tgt Ion:146 Resp: 109822
Ion Ratio Lower Upper
146 100
111 35.3 25.3 47.1
148 63.3 44.5 82.7

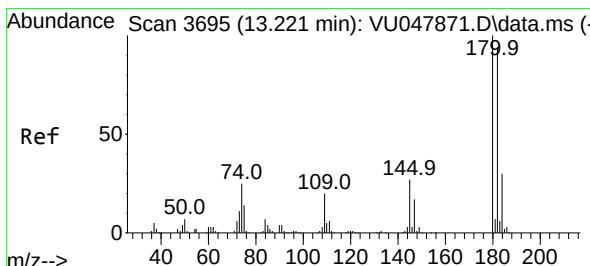
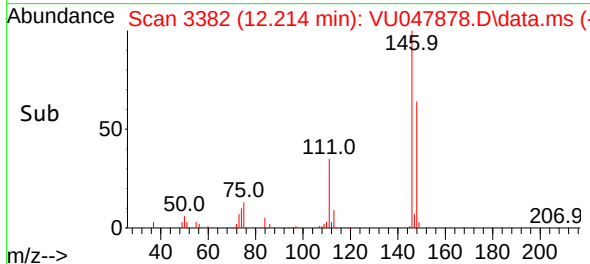
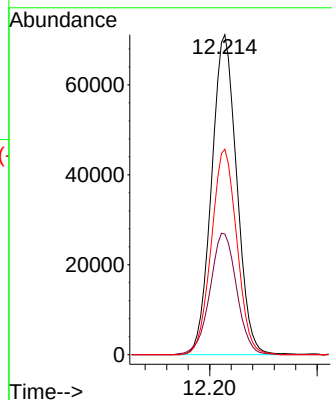
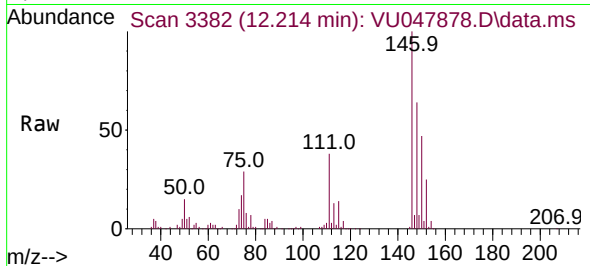




#67
1,2-Dichlorobenzene
Concen: 23.939 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047878.D
Acq: 08 Apr 2022 19:42

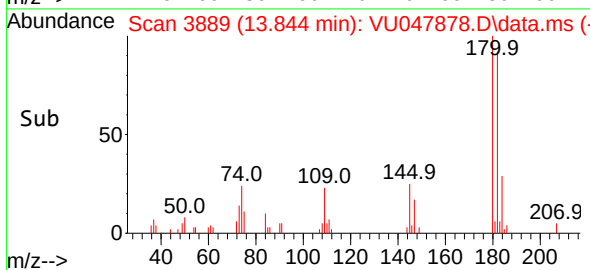
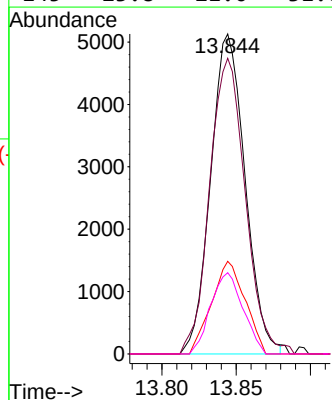
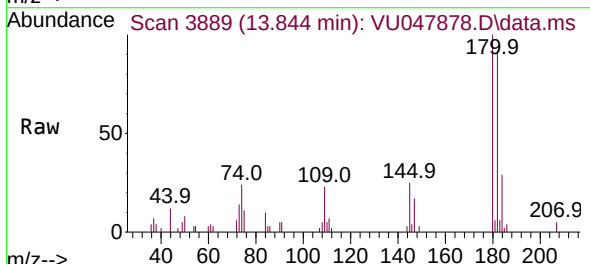
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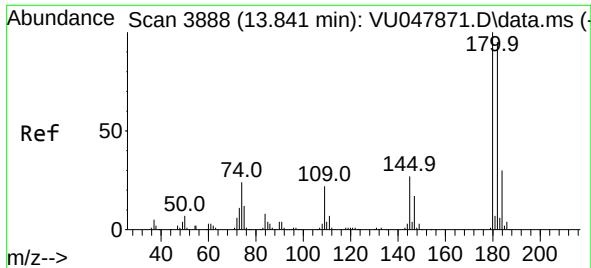
Tgt Ion:146 Resp: 115545
Ion Ratio Lower Upper
146 100
111 37.7 31.7 47.5
148 64.2 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 2.112 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.624 min
Lab File: VU047878.D
Acq: 08 Apr 2022 19:42

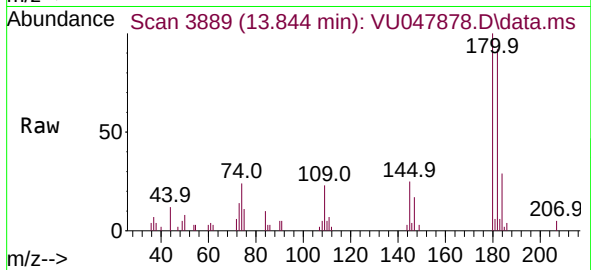
Tgt Ion:180 Resp: 8274
Ion Ratio Lower Upper
180 100
182 94.9 77.0 115.6
184 28.2 24.5 36.7
145 23.8 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 2.411 ug/L
 RT: 13.844 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU047878.D
 Acq: 08 Apr 2022 19:42

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HZ3



Tgt Ion:	180	Resp:	8274
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.2
145	23.8	21.8	32.8

