

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048055.D
 Acq On : 14 Apr 2022 14:02
 Operator : SY/MD
 Sample : N2386-14 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

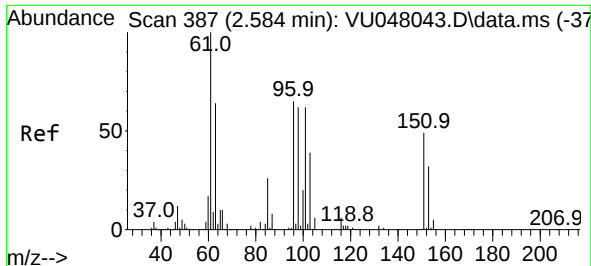
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J38

Quant Time: Apr 15 02:26:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	324132	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	349329	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	184764	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	101759	43.293	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.580%		
7) Chloroethane-d5	1.916	69	96066	51.833	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.660%		
11) 1,1-Dichloroethene-d2	2.568	63	139159	32.359	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.720%		
21) 2-Butanone-d5	4.620	46	203939	101.086	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.090%		
24) Chloroform-d	5.067	84	215959	50.214	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.420%		
26) 1,2-Dichloroethane-d4	5.703	65	140740	53.356	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.720%		
32) Benzene-d6	5.729	84	428869	48.790	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.580%		
36) 1,2-Dichloropropane-d6	6.690	67	143212	53.051	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.100%		
41) Toluene-d8	7.899	98	378073	44.146	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.300%		
43) trans-1,3-Dichloroprop...	8.179	79	58337	42.656	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.320%		
47) 2-Hexanone-d5	8.633	63	145421	92.021	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.020%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	224173	48.388	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.780%		
66) 1,2-Dichlorobenzene-d4	12.195	152	174499	53.086	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.180%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1474	0.617	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1171	0.527	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	14633	5.693	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3413	0.856	ug/L #	65
44) trans-1,3-Dichloropropene	8.179	75	2511	0.631	ug/L #	67
51) Chlorobenzene	9.446	112	70792	9.397	ug/L	97
60) 1,2,3-Trichloropropane	11.745	75	9471	2.719	ug/L #	48
64) 1,3-Dichlorobenzene	11.745	146	34974	6.301	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	178208	30.999	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	502698	90.519	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	454312	100.789	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	454312	115.069	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	60606	15.312	ug/L	100

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.617 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

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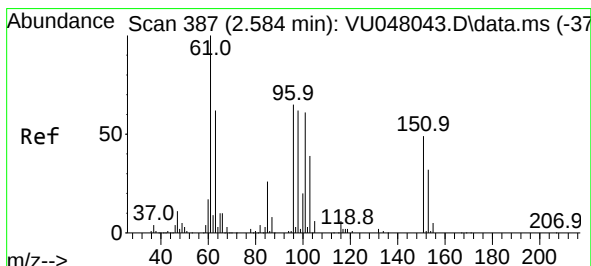
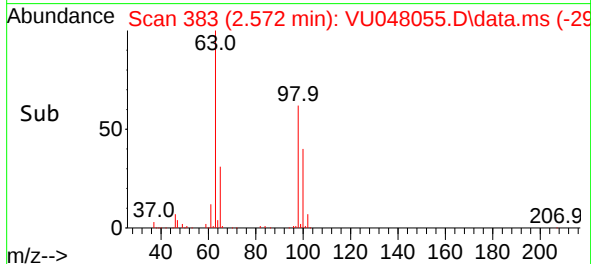
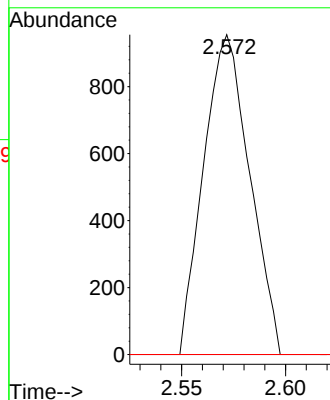
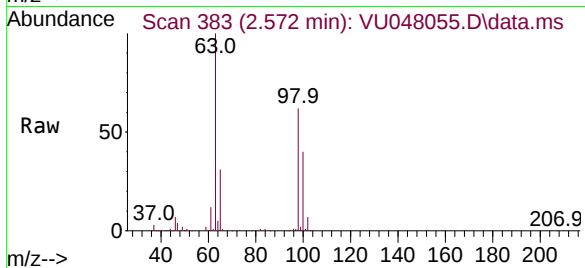
Tgt Ion:101 Resp: 1474

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: 0.527 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048055.D

Acq: 14 Apr 2022 14:02

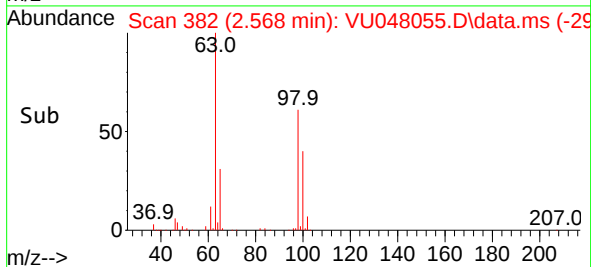
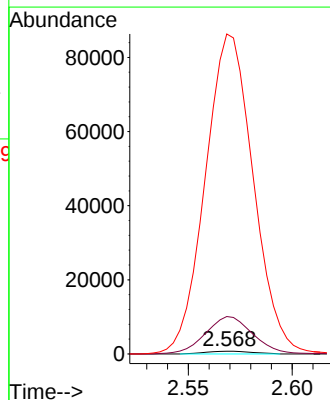
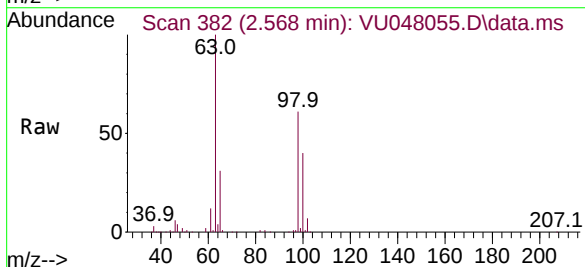
Tgt Ion: 96 Resp: 1171

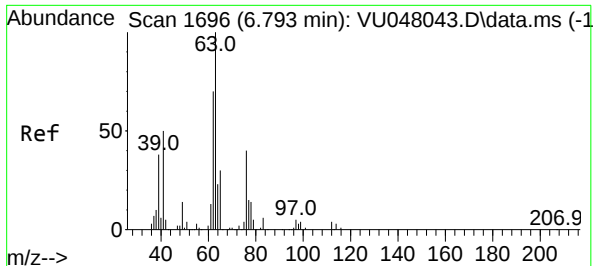
Ion Ratio Lower Upper

96 100

61 1365.5 113.1 210.1#

63 11681.7 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.693 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048055.D

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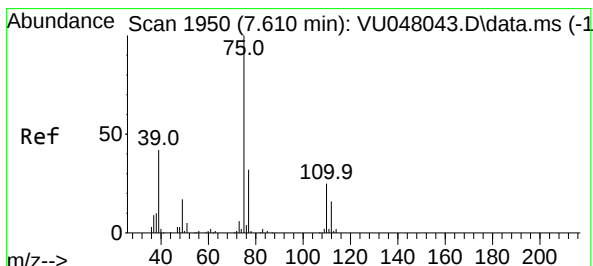
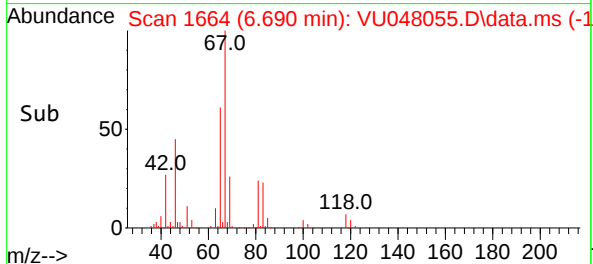
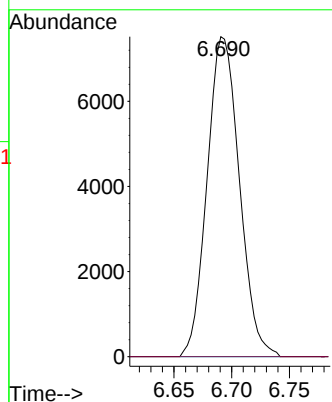
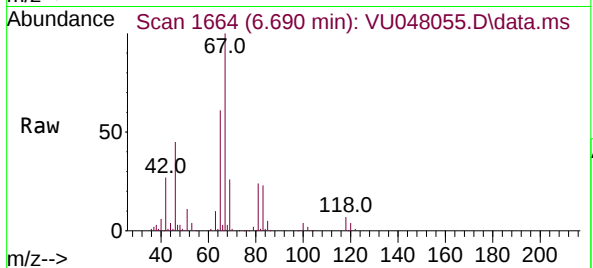
C0J38

Tgt Ion: 63 Resp: 14633

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.856 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048055.D

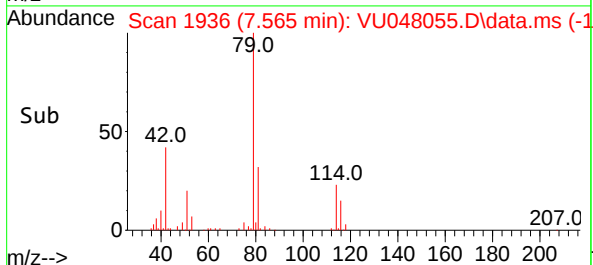
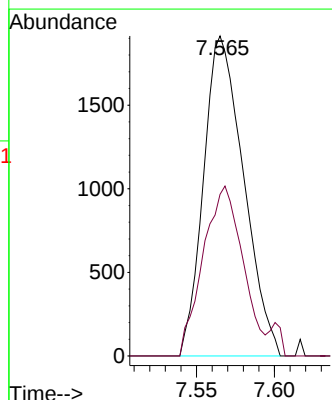
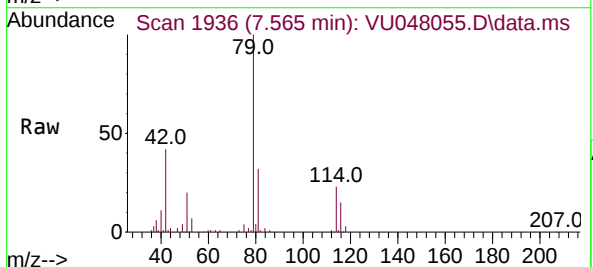
Acq: 14 Apr 2022 14:02

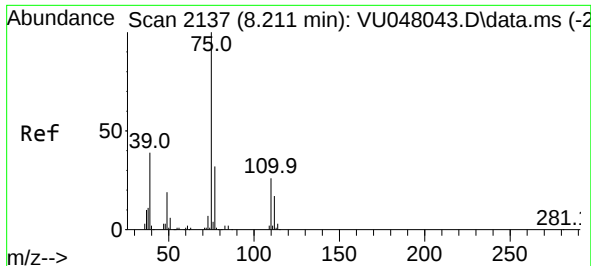
Tgt Ion: 75 Resp: 3413

Ion Ratio Lower Upper

75 100

77 50.5 21.8 40.6#

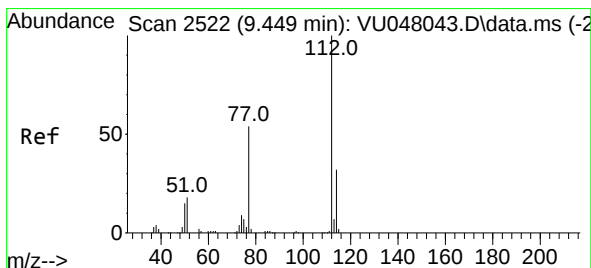
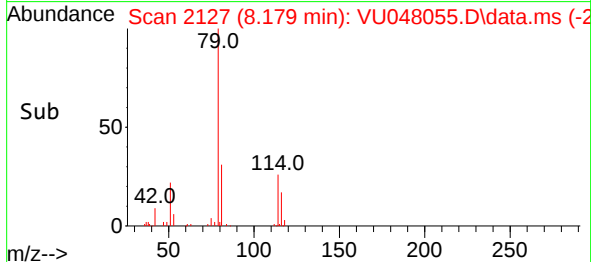
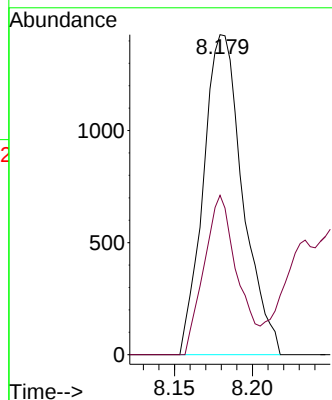
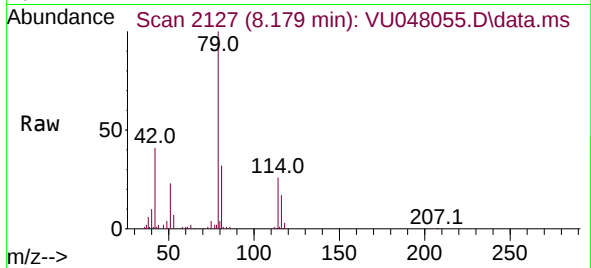




#44
trans-1,3-Dichloropropene
Concen: 0.631 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU048055.D
Acq: 14 Apr 2022 14:02

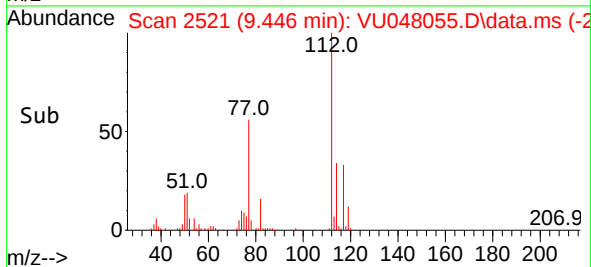
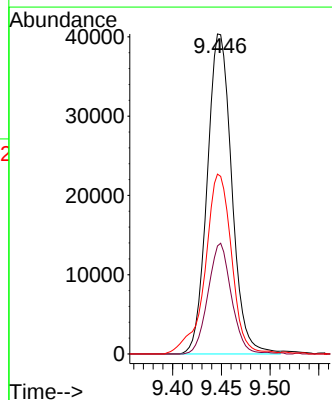
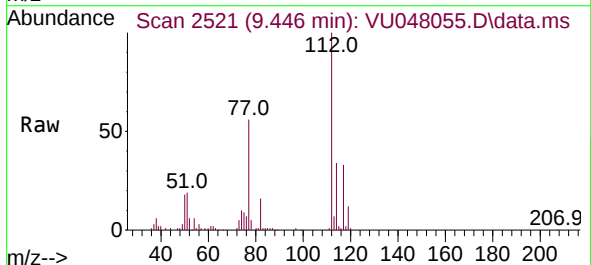
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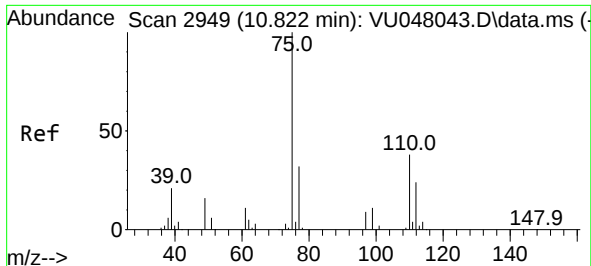
Tgt Ion: 75 Resp: 2511
Ion Ratio Lower Upper
75 100
77 49.8 22.0 40.8#



#51
Chlorobenzene
Concen: 9.397 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048055.D
Acq: 14 Apr 2022 14:02

Tgt Ion: 112 Resp: 70792
Ion Ratio Lower Upper
112 100
114 33.7 22.1 41.1
77 56.2 43.4 65.0

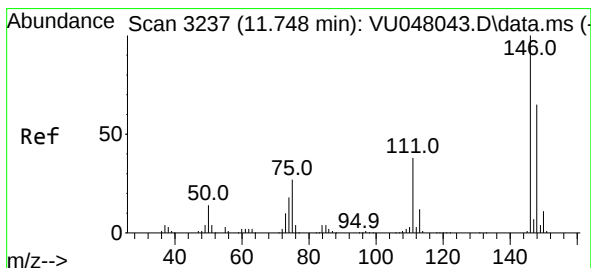
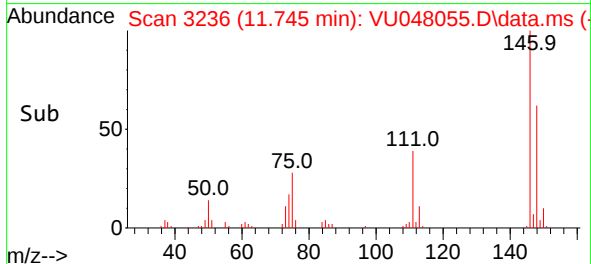
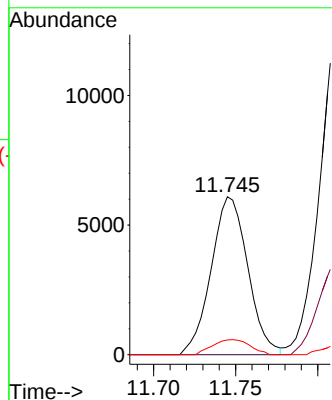
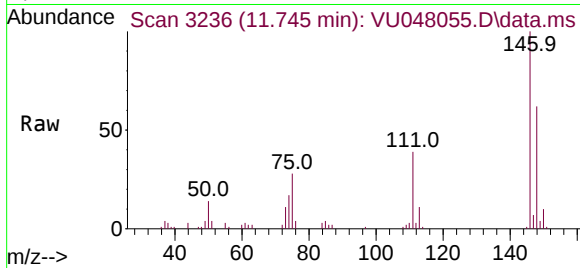




#60
 1,2,3-Trichloropropane
 Concen: 2.719 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.923 min
 Lab File: VU048055.D
 Acq: 14 Apr 2022 14:02

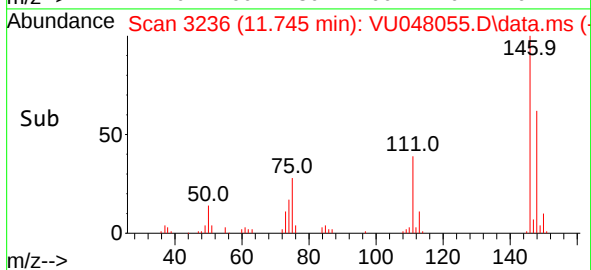
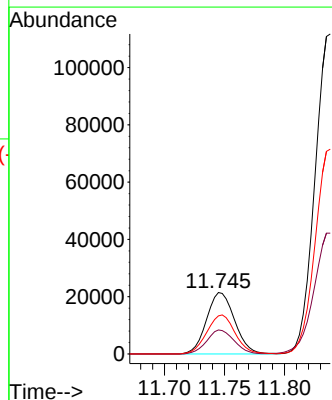
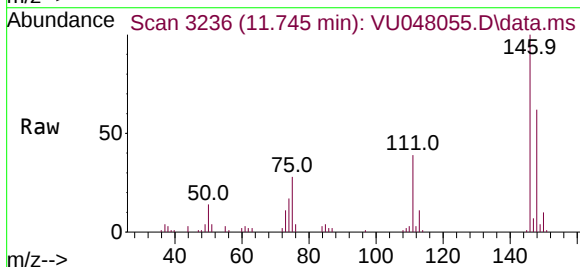
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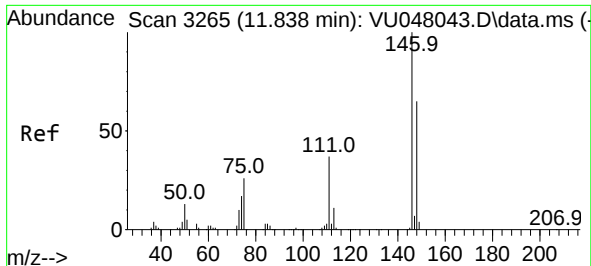
Tgt Ion: 75 Resp: 9471
 Ion Ratio Lower Upper
 75 100
 77 0.4 26.0 39.0#
 110 9.7 31.4 47.2#



#64
 1,3-Dichlorobenzene
 Concen: 6.301 ug/L
 RT: 11.745 min Scan# 3236
 Delta R.T. -0.003 min
 Lab File: VU048055.D
 Acq: 14 Apr 2022 14:02

Tgt Ion: 146 Resp: 34974
 Ion Ratio Lower Upper
 146 100
 111 39.1 26.7 49.7
 148 62.1 44.4 82.5

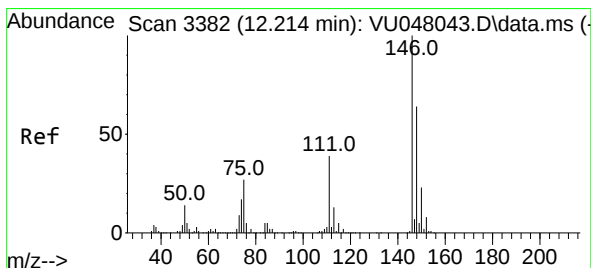
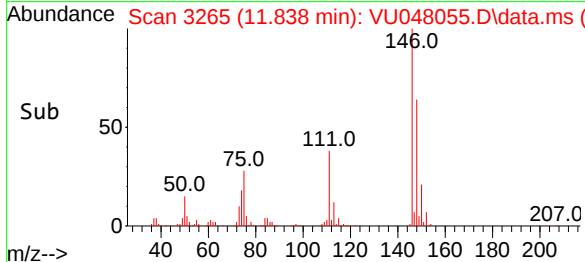
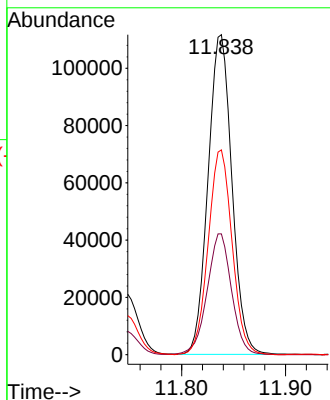
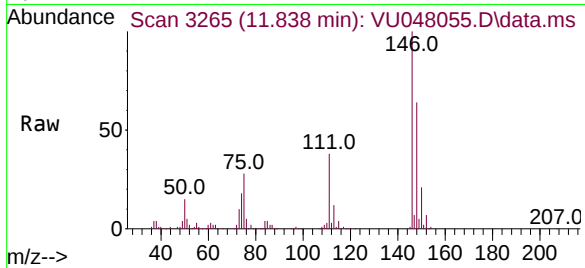




#65
1,4-Dichlorobenzene
Concen: 30.999 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048055.D
Acq: 14 Apr 2022 14:02

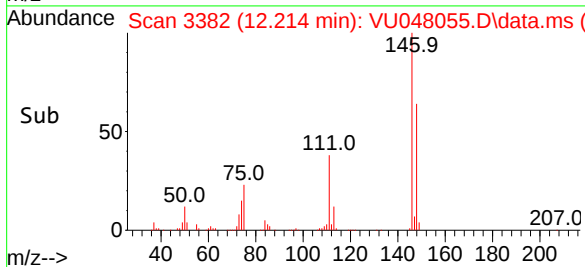
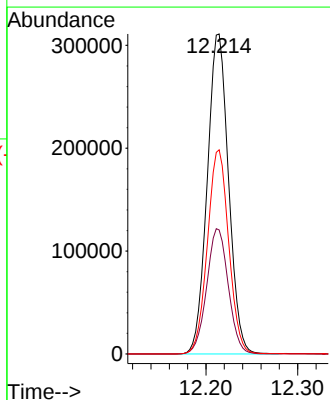
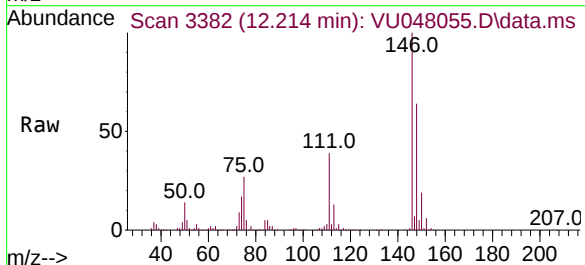
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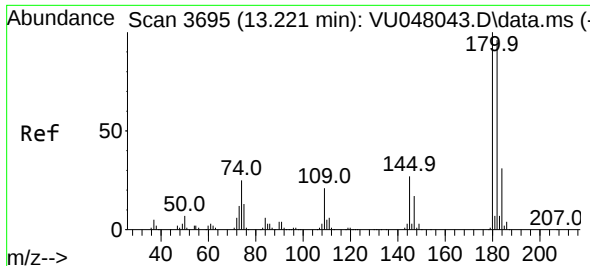
Tgt Ion:146 Resp: 178208
Ion Ratio Lower Upper
146 100
111 37.7 25.3 47.1
148 64.0 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 90.519 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048055.D
Acq: 14 Apr 2022 14:02

Tgt Ion:146 Resp: 502698
Ion Ratio Lower Upper
146 100
111 38.8 31.7 47.5
148 63.8 51.4 77.2

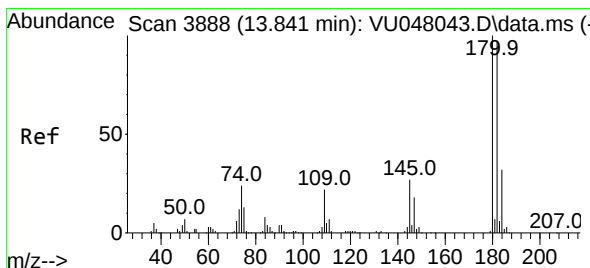
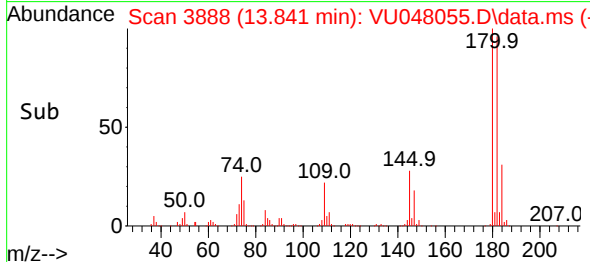
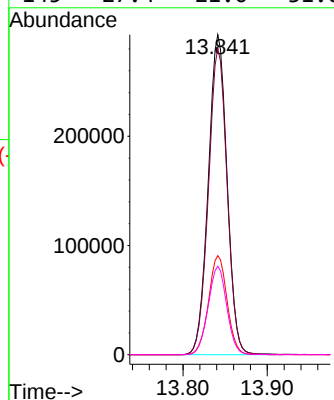
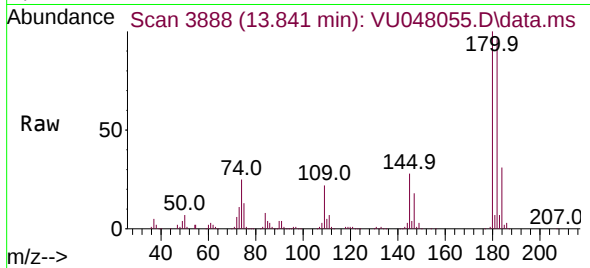




#69
 1,3,5-Trichlorobenzene
 Concen: 100.789 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.621 min
 Lab File: VU048055.D
 Acq: 14 Apr 2022 14:02

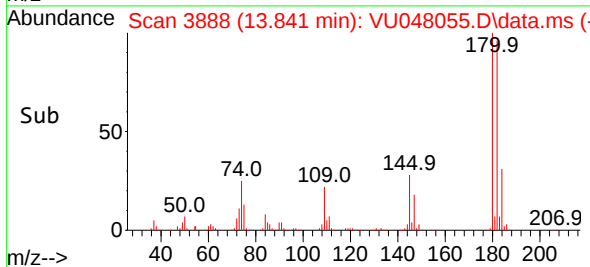
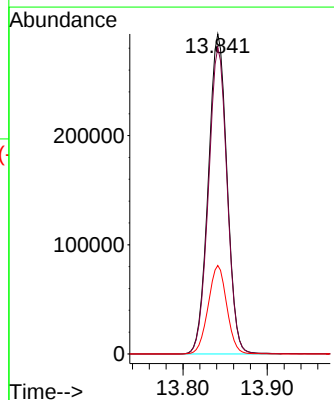
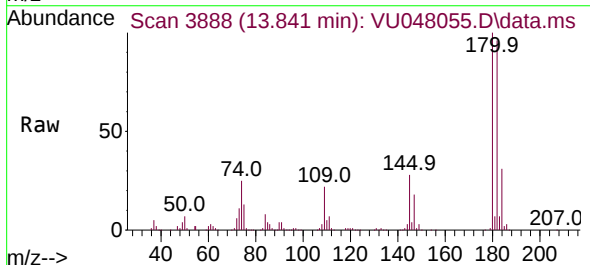
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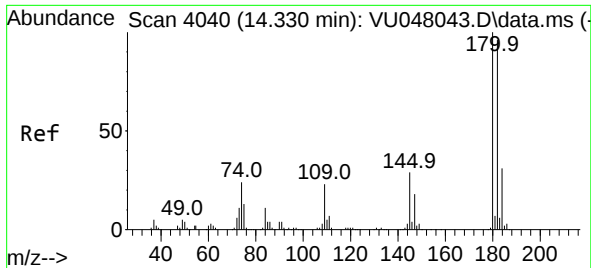
Tgt Ion:180 Resp: 454312
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.0 115.6
 184 30.6 24.5 36.7
 145 27.4 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 115.069 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048055.D
 Acq: 14 Apr 2022 14:02

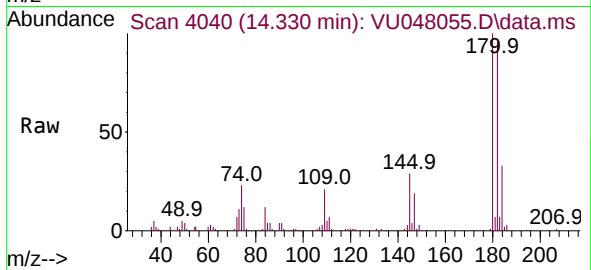
Tgt Ion:180 Resp: 454312
 Ion Ratio Lower Upper
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 182 95.2 76.2 114.2
 145 27.4 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 15.312 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.000 min
 Lab File: VU048055.D
 Acq: 14 Apr 2022 14:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J38



Tgt Ion:	180	Resp:	60606
Ion Ratio	Lower	Upper	
180	100		
182	97.0	77.4	116.0
145	28.9	22.8	34.2

