

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048157.D
 Acq On : 20 Apr 2022 20:46
 Operator : SY/MD
 Sample : N2485-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J25

Quant Time: Apr 21 02:45:43 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)

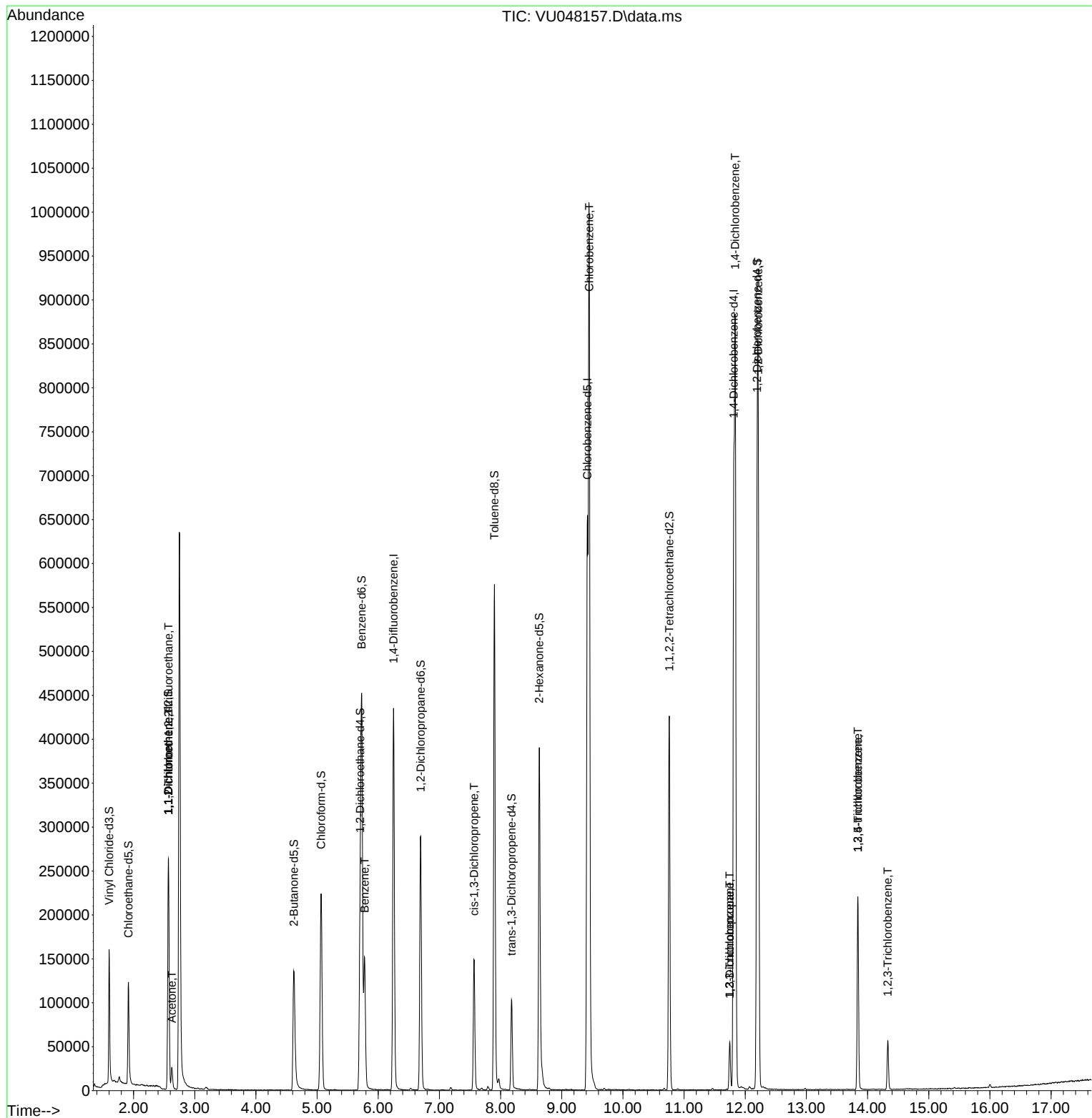
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	378914	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	378819	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	188161	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	114045	41.505	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.000%		
7) Chloroethane-d5	1.916	69	95520	44.087	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.180%		
11) 1,1-Dichloroethene-d2	2.568	63	150705	29.978	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.960%#		
21) 2-Butanone-d5	4.620	46	201481	85.429	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.430%		
24) Chloroform-d	5.067	84	213169	42.399	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.800%		
26) 1,2-Dichloroethane-d4	5.703	65	131953	42.792	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.580%		
32) Benzene-d6	5.729	84	437508	45.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.800%		
36) 1,2-Dichloropropane-d6	6.694	67	143600	49.054	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.100%		
41) Toluene-d8	7.899	98	396643	42.709	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.420%		
43) trans-1,3-Dichloroprop...	8.179	79	60385	40.716	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.440%		
47) 2-Hexanone-d5	8.632	63	146895	85.718	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.720%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	217285	43.250	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.500%		
66) 1,2-Dichlorobenzene-d4	12.195	152	166196	49.647	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.300%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1557	0.557	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1290	0.496	ug/L #	1
13) Acetone	2.626	43	27164	12.377	ug/L	99
33) Benzene	5.777	78	149516	13.636	ug/L	100
39) cis-1,3-Dichloropropene	7.568	75	3257	0.753	ug/L #	50
51) Chlorobenzene	9.449	112	584982	71.609	ug/L	99
60) 1,2,3-Trichloropropane	11.745	75	6703	1.890	ug/L #	48
64) 1,3-Dichlorobenzene	11.748	146	24832	4.393	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	359042	61.327	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	296482	52.423	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	76562	16.679	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	76562	19.042	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	19706	4.889	ug/L	97

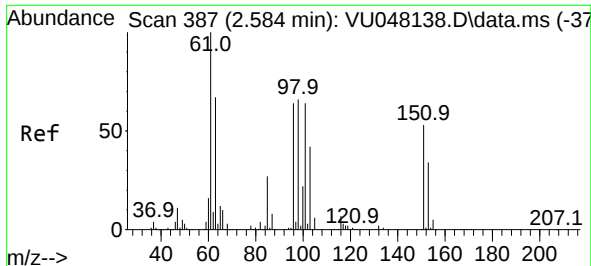
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.557 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU048157.D

Acq: 20 Apr 2022 20:46

Instrument :

MSVOA_U

ClientSampleId :

C0J25

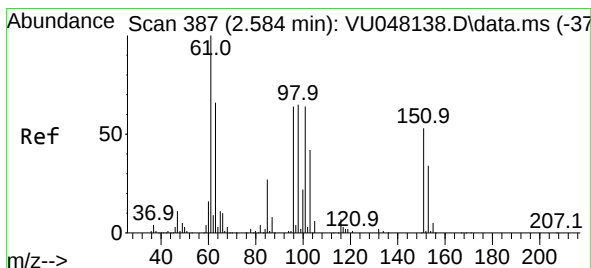
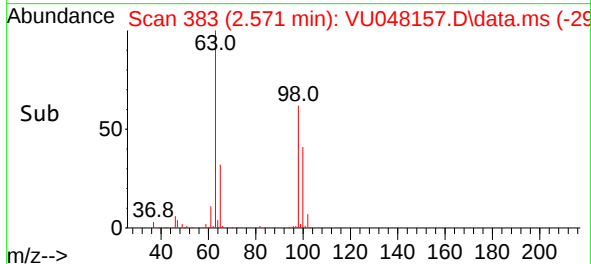
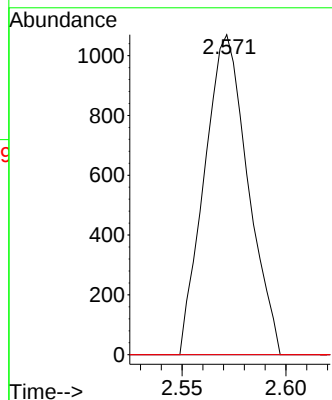
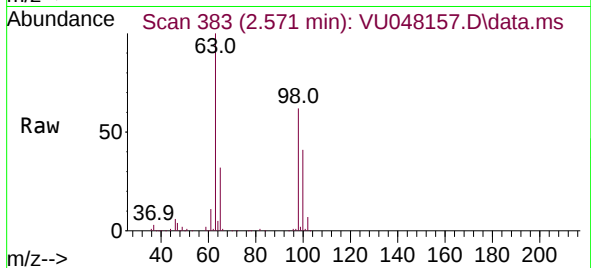
Tgt Ion:101 Resp: 1557

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: 0.496 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU048157.D

Acq: 20 Apr 2022 20:46

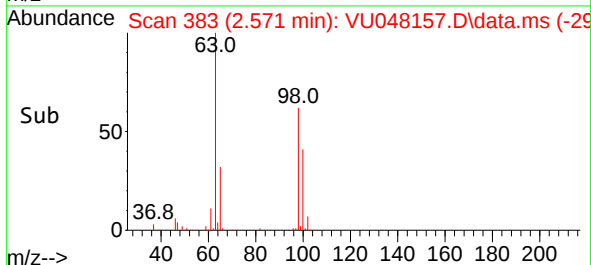
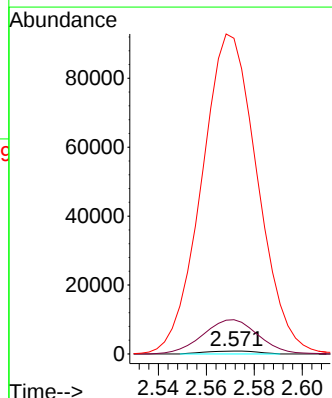
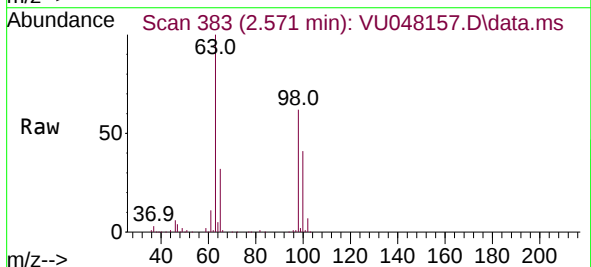
Tgt Ion: 96 Resp: 1290

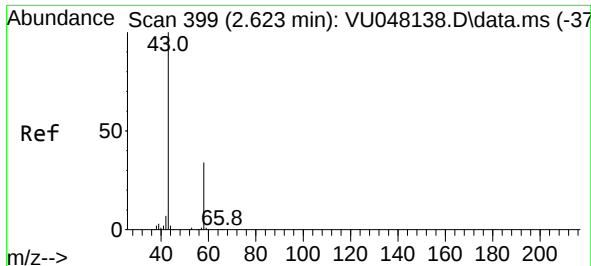
Ion Ratio Lower Upper

96 100

61 1200.7 113.1 210.1#

63 11051.4 94.8 176.0#





#13

Acetone

Concen: 12.377 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU048157.D

Acq: 20 Apr 2022 20:46

Instrument :

MSVOA_U

ClientSampleId :

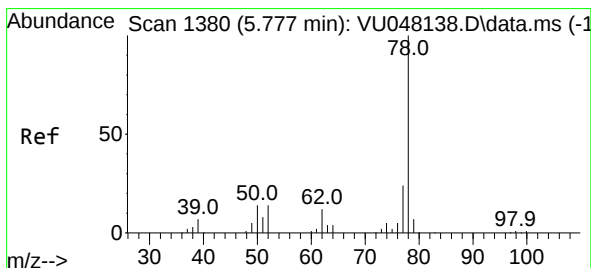
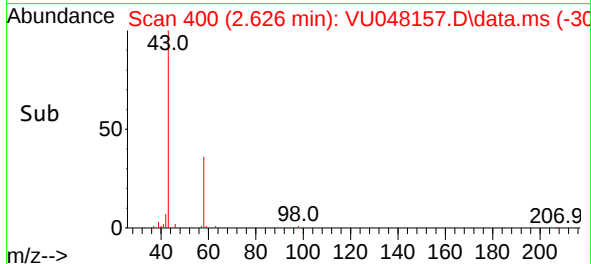
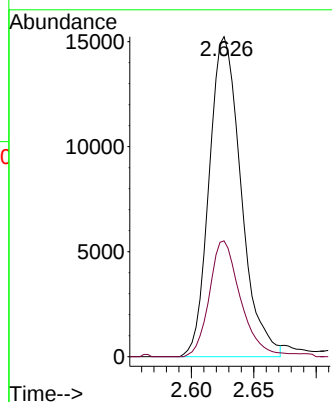
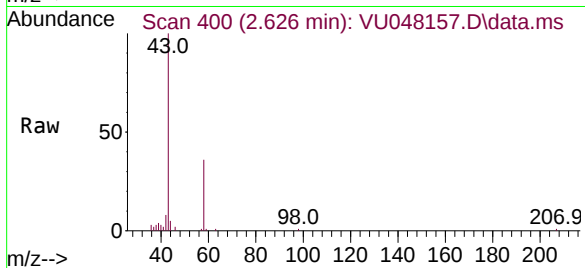
C0J25

Tgt Ion: 43 Resp: 27164

Ion Ratio Lower Upper

43 100

58 35.5 0.0 70.0



#33

Benzene

Concen: 13.636 ug/L

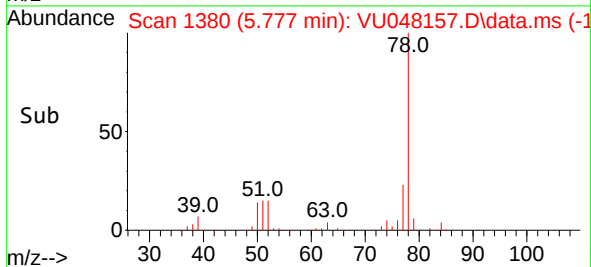
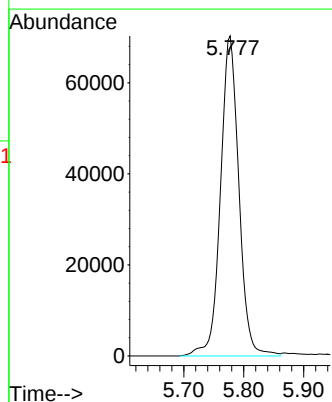
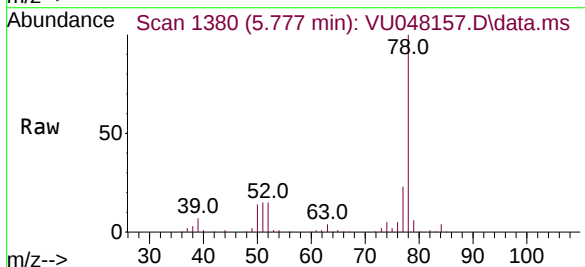
RT: 5.777 min Scan# 1380

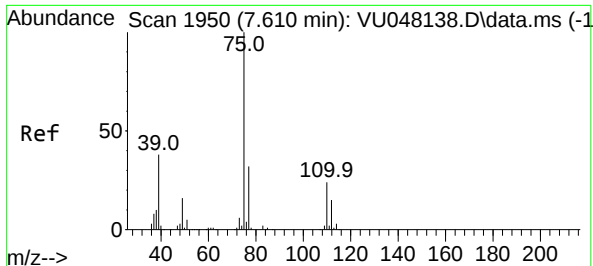
Delta R.T. -0.000 min

Lab File: VU048157.D

Acq: 20 Apr 2022 20:46

Tgt Ion: 78 Resp: 149516





#39

cis-1,3-Dichloropropene

Concen: 0.753 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU048157.D

Acq: 20 Apr 2022 20:46

Instrument :

MSVOA_U

ClientSampleId :

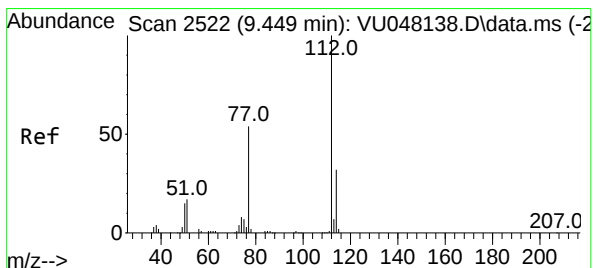
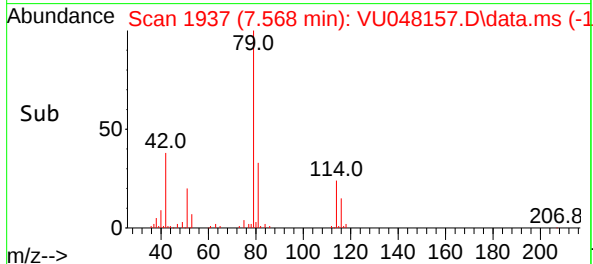
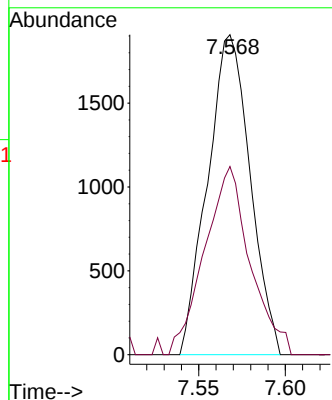
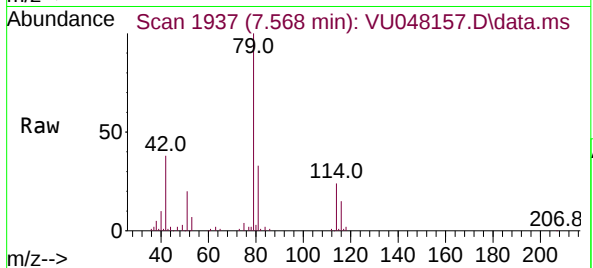
C0J25

Tgt Ion: 75 Resp: 3257

Ion Ratio Lower Upper

75 100

77 58.8 21.8 40.6#



#51

Chlorobenzene

Concen: 71.609 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048157.D

Acq: 20 Apr 2022 20:46

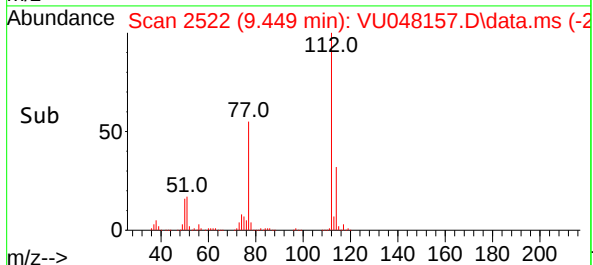
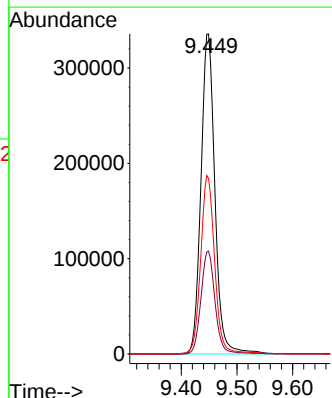
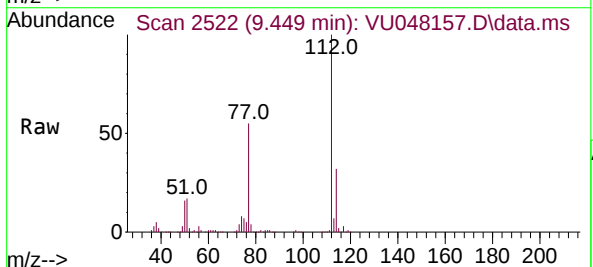
Tgt Ion:112 Resp: 584982

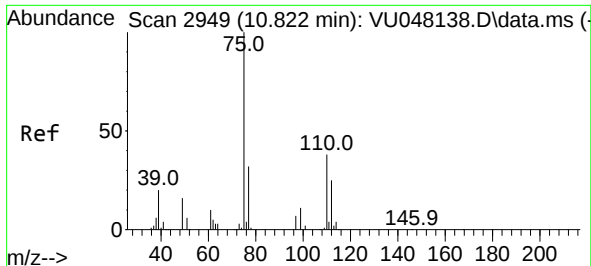
Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

77 54.9 43.4 65.0

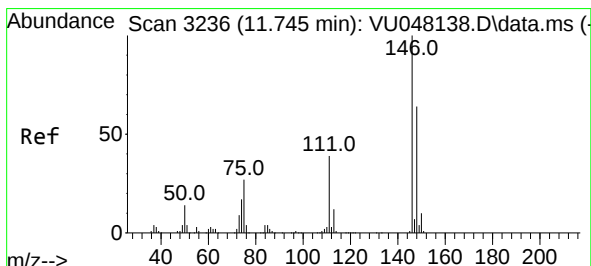
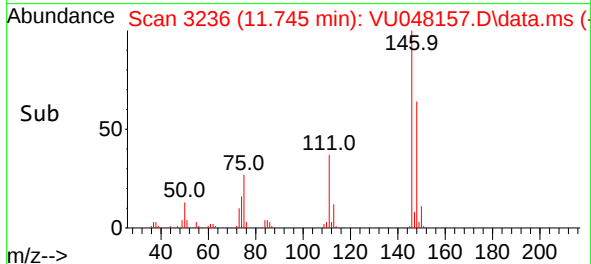
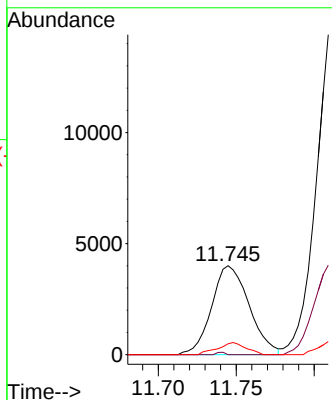
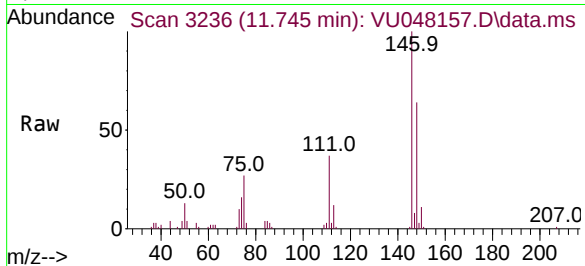




#60
1,2,3-Trichloropropane
Concen: 1.890 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.923 min
Lab File: VU048157.D
Acq: 20 Apr 2022 20:46

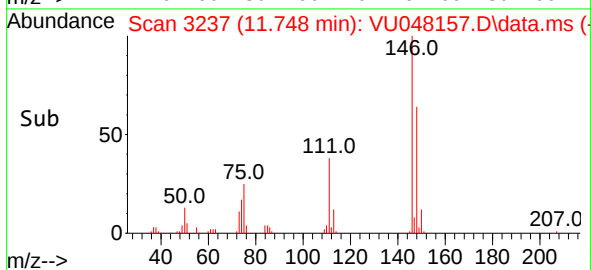
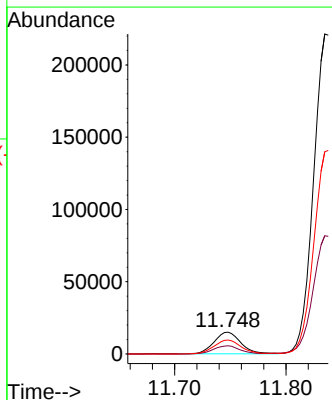
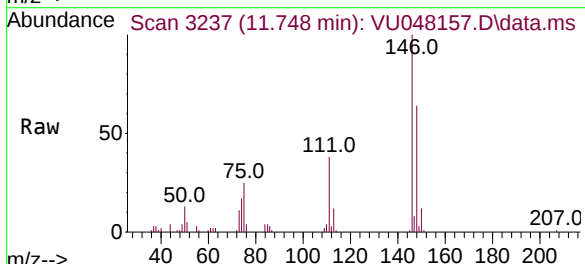
Instrument :
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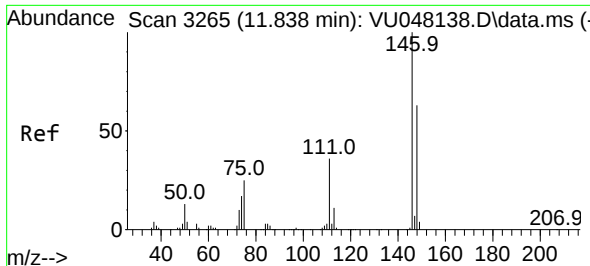
Tgt Ion: 75 Resp: 6703
Ion Ratio Lower Upper
75 100
77 0.6 26.0 39.0#
110 10.3 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 4.393 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048157.D
Acq: 20 Apr 2022 20:46

Tgt Ion:146 Resp: 24832
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.7
148 64.3 44.4 82.5

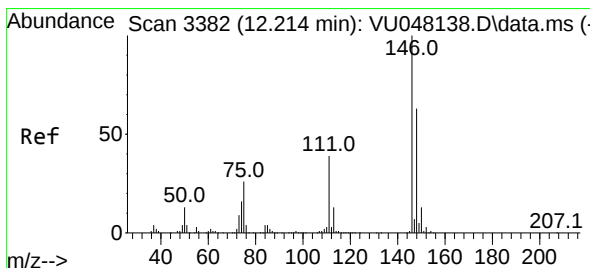
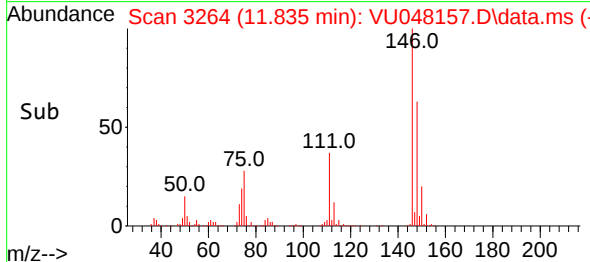
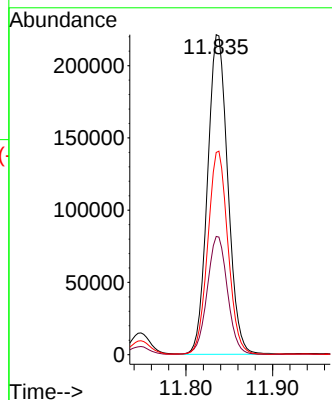
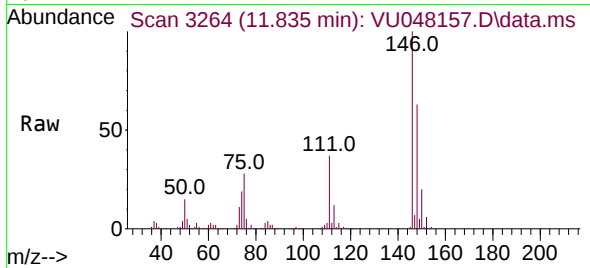




#65
1,4-Dichlorobenzene
Concen: 61.327 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048157.D
Acq: 20 Apr 2022 20:46

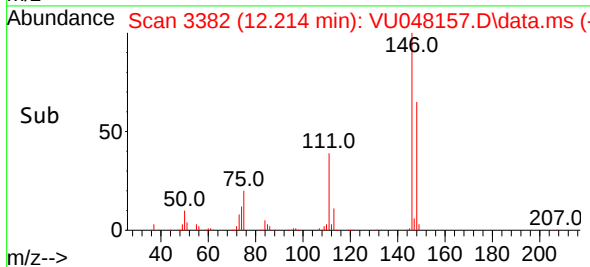
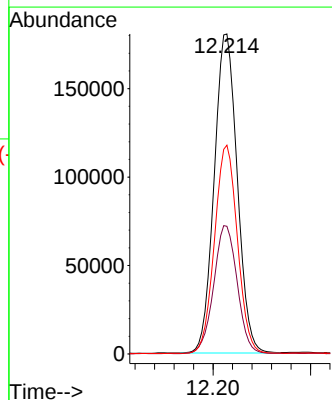
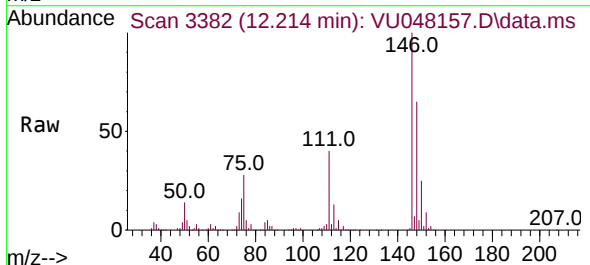
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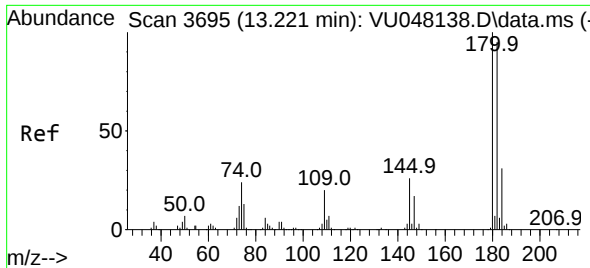
Tgt Ion:146 Resp: 359042
Ion Ratio Lower Upper
146 100
111 36.9 25.3 47.1
148 63.2 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 52.423 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048157.D
Acq: 20 Apr 2022 20:46

Tgt Ion:146 Resp: 296482
Ion Ratio Lower Upper
146 100
111 39.9 31.7 47.5
148 65.2 51.4 77.2

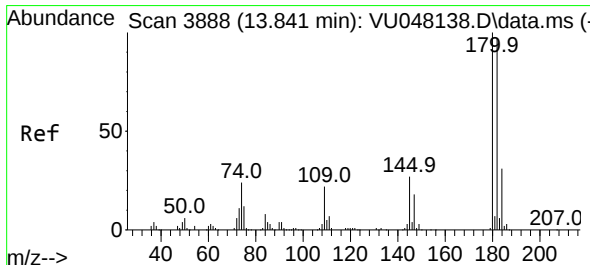
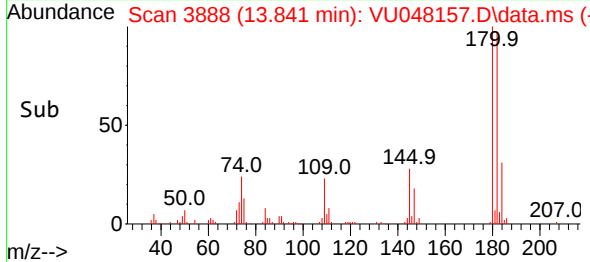
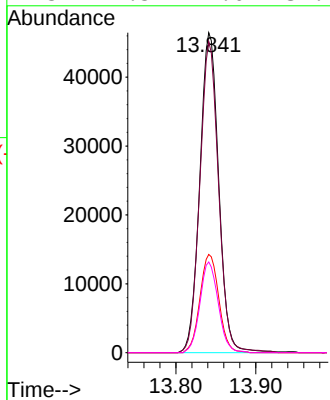
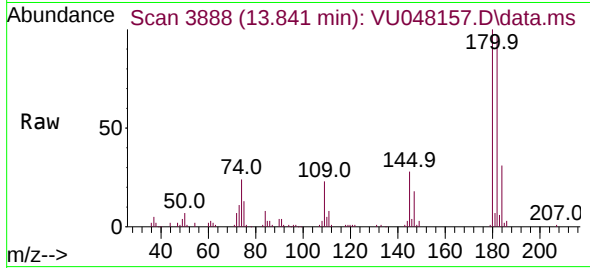




#69
 1,3,5-Trichlorobenzene
 Concen: 16.679 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.620 min
 Lab File: VU048157.D
 Acq: 20 Apr 2022 20:46

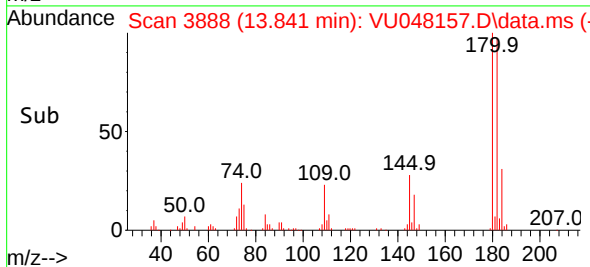
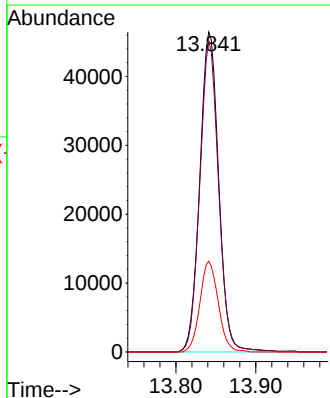
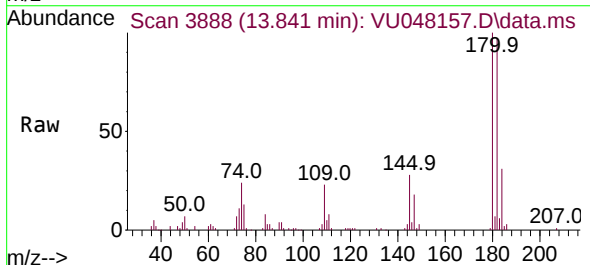
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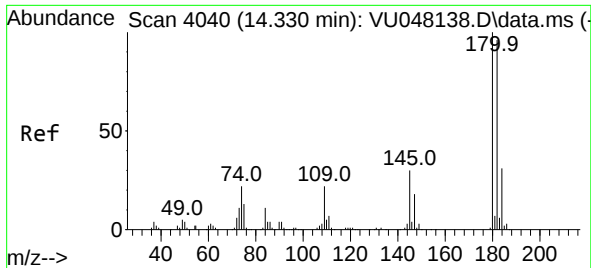
Tgt Ion:	180	Resp:	76562
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.0	115.6
184	30.7	24.5	36.7
145	27.5	21.0	31.6



#70
 1,2,4-trichlorobenzene
 Concen: 19.042 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048157.D
 Acq: 20 Apr 2022 20:46

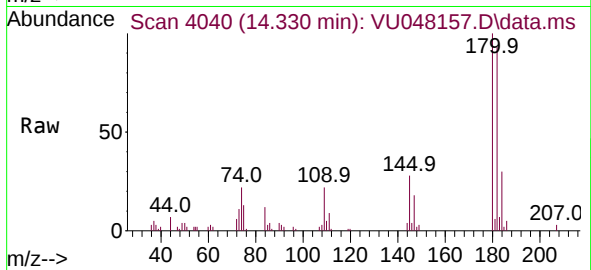
Tgt Ion:	180	Resp:	76562
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.2	114.2
145	27.5	21.8	32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 4.889 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. -0.000 min
 Lab File: VU048157.D
 Acq: 20 Apr 2022 20:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J25



Tgt Ion:	180	Resp:	19706
Ion Ratio	Lower	Upper	
180	100		
182	93.2	77.4	116.0
145	27.3	22.8	34.2

