

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048190.D
 Acq On : 21 Apr 2022 22:30
 Operator : SY/MD
 Sample : N2485-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J10

Quant Time: Apr 22 06:35:47 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

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

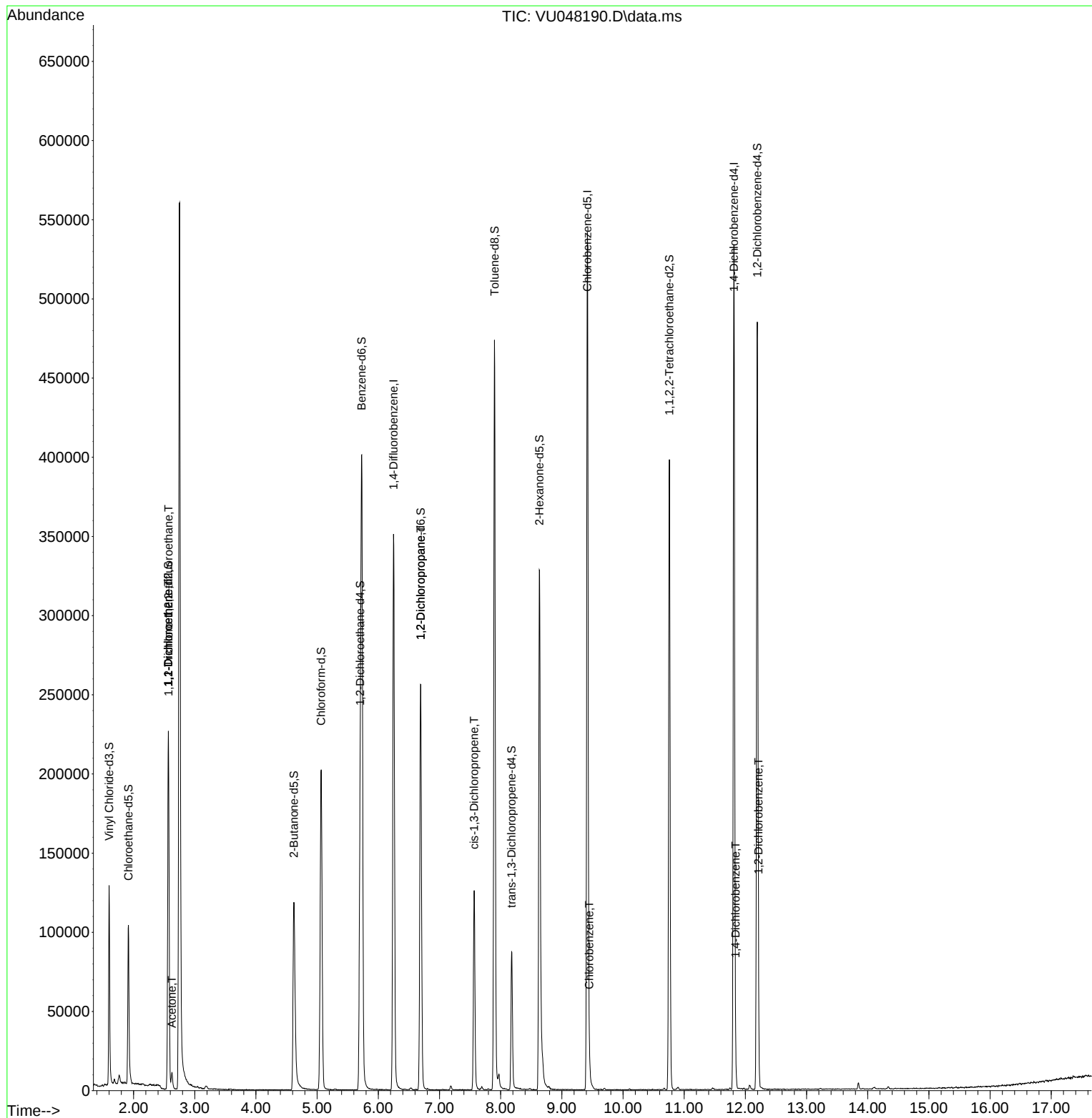
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	304051	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	323990	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	154112	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	93944	42.607	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.220%		
7) Chloroethane-d5	1.916	69	82108	47.228	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.460%		
11) 1,1-Dichloroethene-d2	2.568	63	129174	32.021	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.040%		
21) 2-Butanone-d5	4.620	46	174785	92.357	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.360%		
24) Chloroform-d	5.067	84	193506	47.965	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.920%		
26) 1,2-Dichloroethane-d4	5.703	65	120821	48.830	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.660%		
32) Benzene-d6	5.729	84	388343	47.635	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.260%		
36) 1,2-Dichloropropane-d6	6.694	67	129795	51.841	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.680%		
41) Toluene-d8	7.899	98	327207	41.195	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.380%		
43) trans-1,3-Dichloroprop...	8.179	79	50545	39.849	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.700%		
47) 2-Hexanone-d5	8.632	63	115736	78.965	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.960%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202761	47.189	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.380%		
66) 1,2-Dichlorobenzene-d4	12.195	152	141887	51.750	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.500%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1345	0.600	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1119	0.537	ug/L #	1
13) Acetone	2.626	43	11165	6.340	ug/L	99
37) 1,2-Dichloropropane	6.694	63	13328	5.591	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2720	0.735	ug/L #	55
51) Chlorobenzene	9.449	112	6898	0.987	ug/L	90
65) 1,4-Dichlorobenzene	11.838	146	5794	1.208	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	5238	1.131	ug/L	96

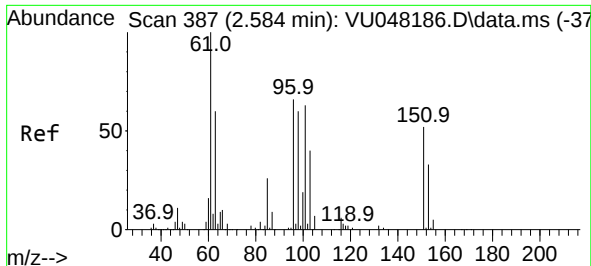
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.600 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

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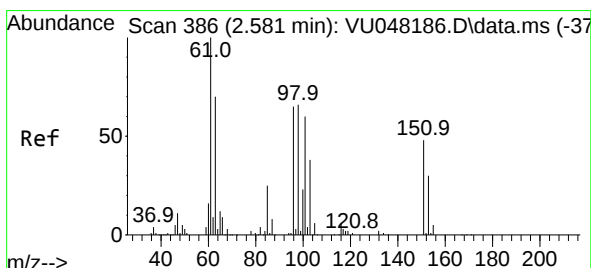
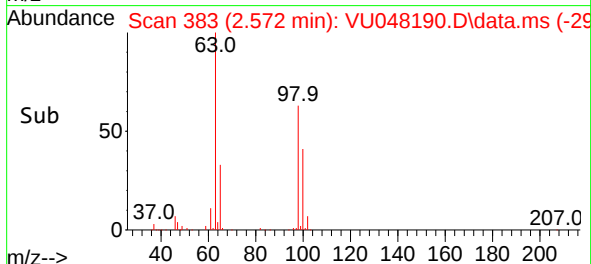
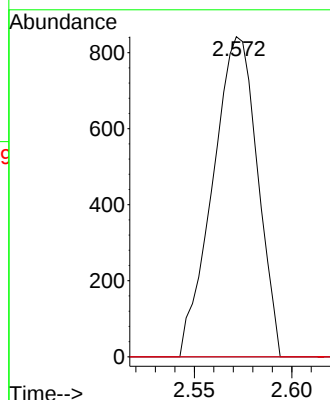
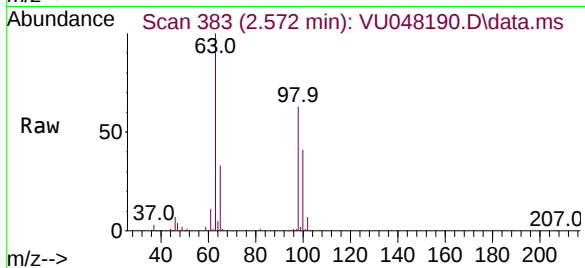
Tgt Ion:101 Resp: 1345

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: 0.537 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU048190.D

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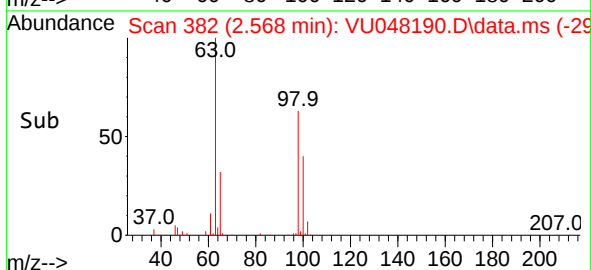
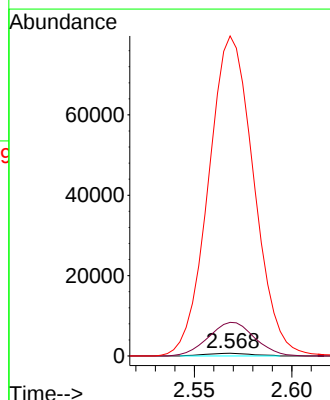
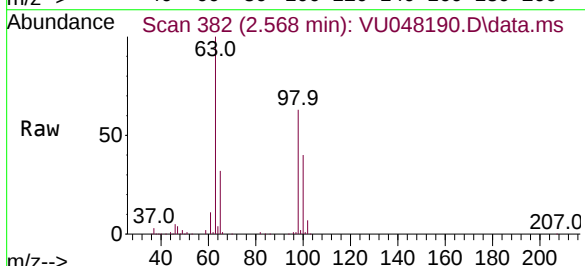
Tgt Ion: 96 Resp: 1119

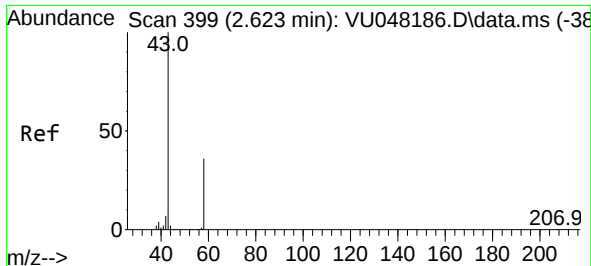
Ion Ratio Lower Upper

96 100

61 1260.2 113.1 210.1#

63 11977.1 94.8 176.0#





#13

Acetone

Concen: 6.340 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

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ClientSampleId :

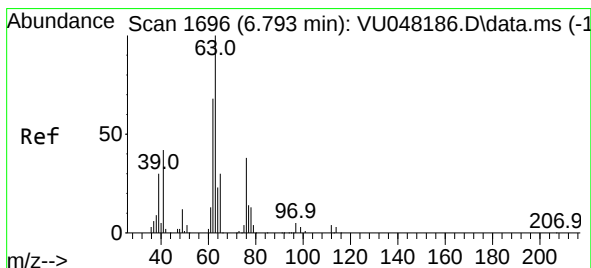
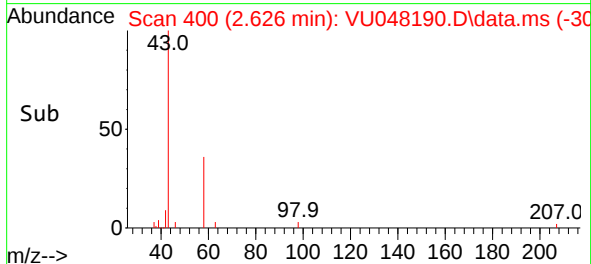
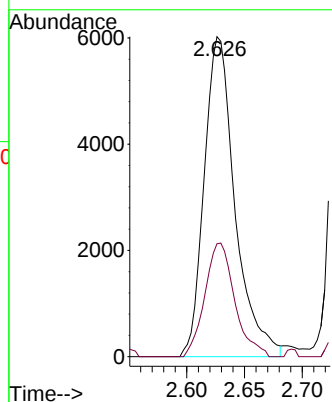
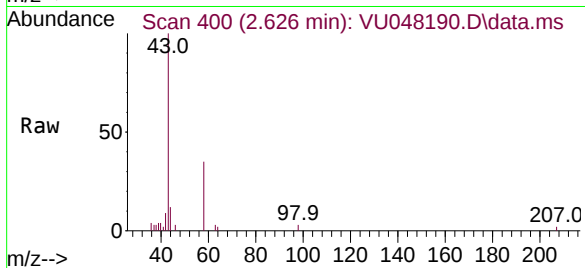
C0J10

Tgt Ion: 43 Resp: 11165

Ion Ratio Lower Upper

43 100

58 34.4 0.0 70.0



#37

1,2-Dichloropropane

Concen: 5.591 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU048190.D

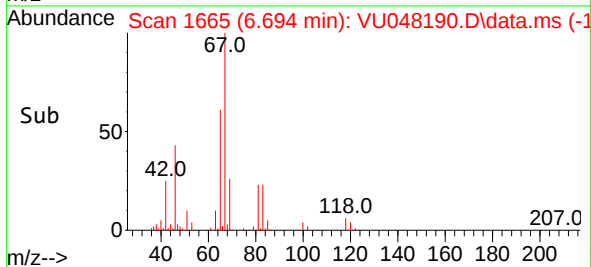
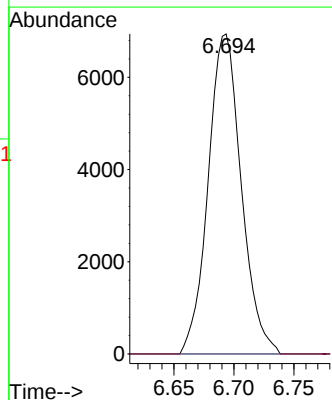
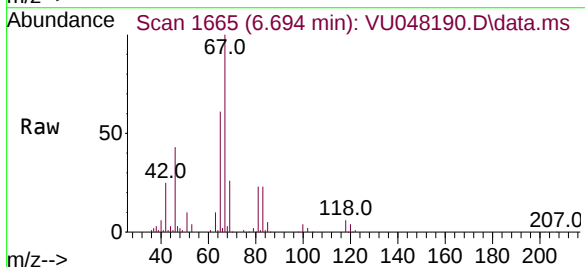
Acq: 21 Apr 2022 22:30

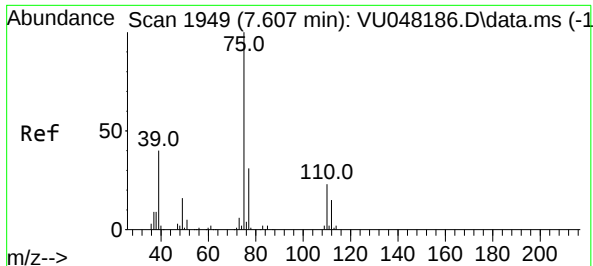
Tgt Ion: 63 Resp: 13328

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.735 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048190.D

Acq: 21 Apr 2022 22:30

Instrument :

MSVOA_V

ClientSampleId :

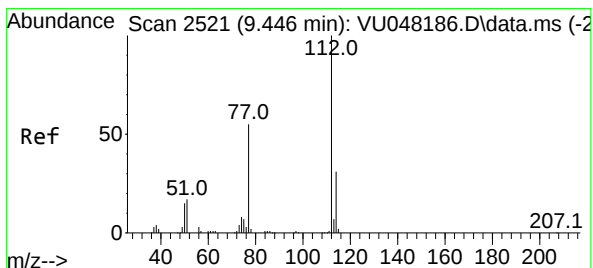
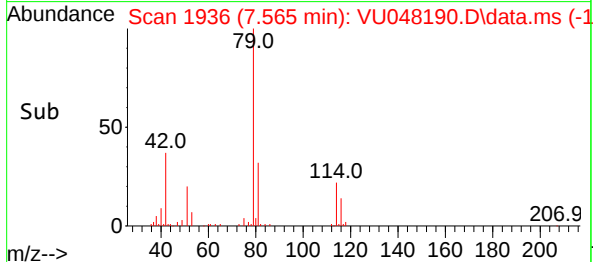
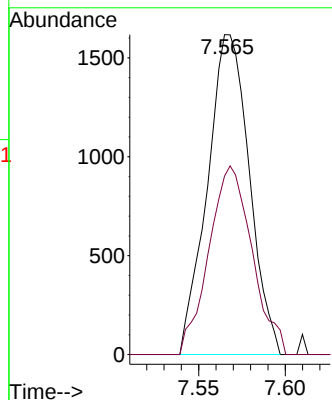
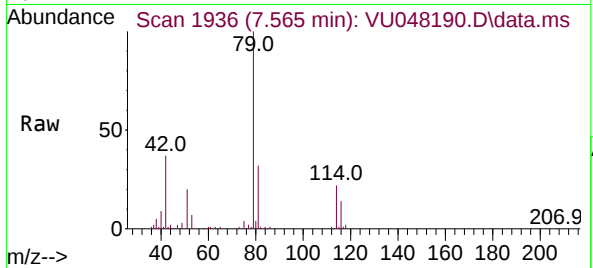
C0J10

Tgt Ion: 75 Resp: 2720

Ion Ratio Lower Upper

75 100

77 55.8 21.8 40.6#



#51

Chlorobenzene

Concen: 0.987 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048190.D

Acq: 21 Apr 2022 22:30

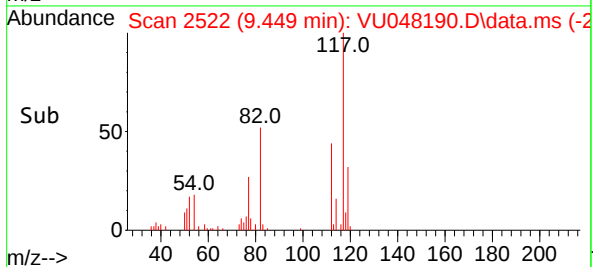
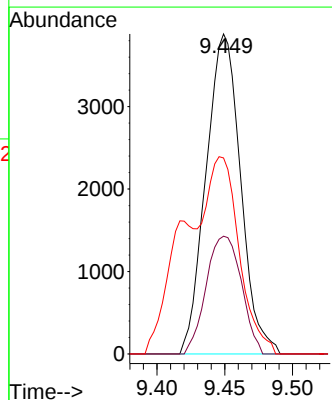
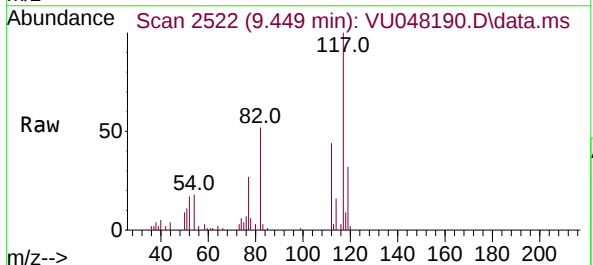
Tgt Ion: 112 Resp: 6898

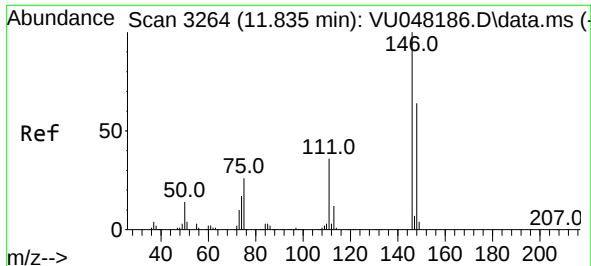
Ion Ratio Lower Upper

112 100

114 36.8 22.1 41.1

77 61.3 43.4 65.0

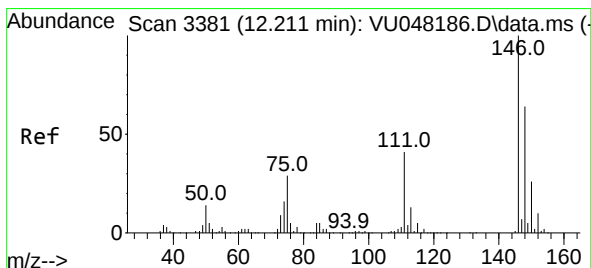
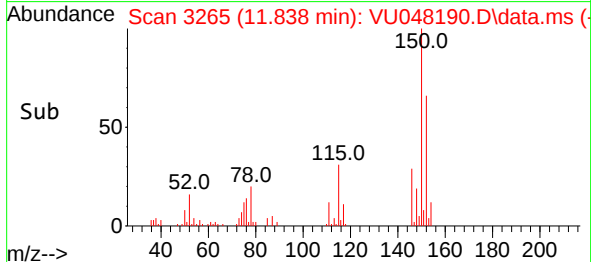
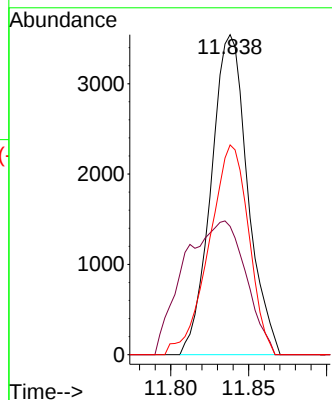
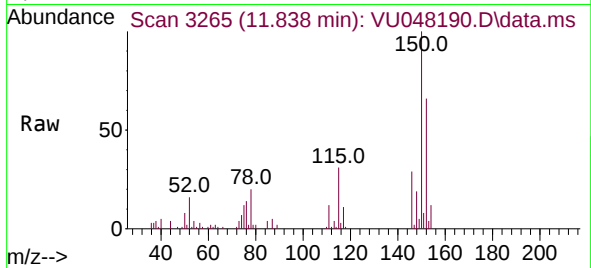




#65
1,4-Dichlorobenzene
Concen: 1.208 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048190.D
Acq: 21 Apr 2022 22:30

Instrument :
MSVOA_V
ClientSampleId :
C0J10

Tgt Ion:146 Resp: 5794
Ion Ratio Lower Upper
146 100
111 40.1 25.3 47.1
148 65.5 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.131 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048190.D
Acq: 21 Apr 2022 22:30

Tgt Ion:146 Resp: 5238
Ion Ratio Lower Upper
146 100
111 41.8 31.7 47.5
148 68.2 51.4 77.2

