

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048203.D
 Acq On : 22 Apr 2022 04:47
 Operator : SY/MD
 Sample : N2488-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JA2

Quant Time: Apr 22 06:38:28 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)

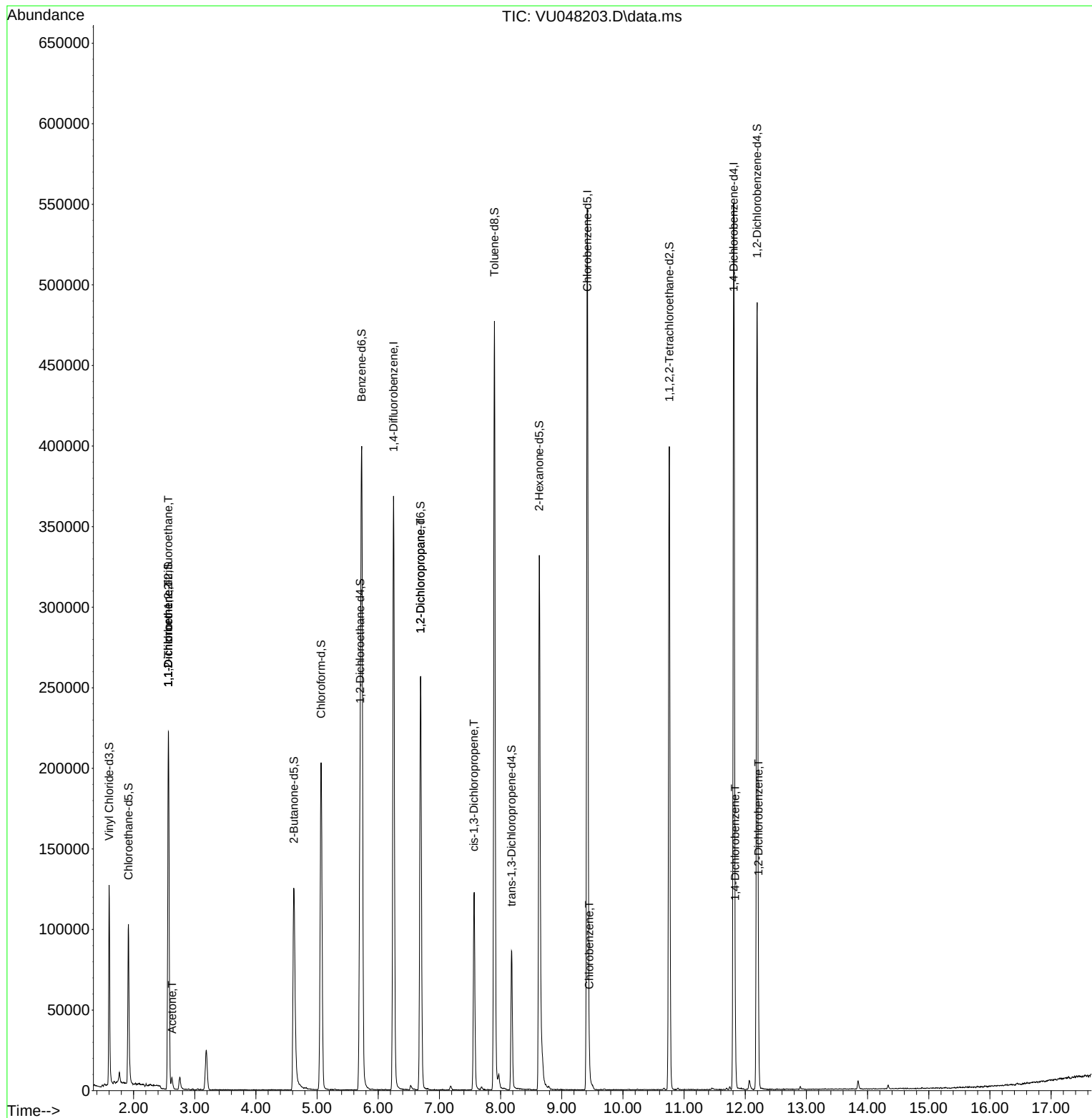
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	314155	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	337276	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	158359	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	91486	40.158	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.320%		
7) Chloroethane-d5	1.915	69	80621	44.881	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.760%		
11) 1,1-Dichloroethene-d2	2.568	63	127166	30.510	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.020%		
21) 2-Butanone-d5	4.620	46	181767	92.957	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.960%		
24) Chloroform-d	5.066	84	194027	46.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.100%		
26) 1,2-Dichloroethane-d4	5.703	65	118683	46.423	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.840%		
32) Benzene-d6	5.729	84	385115	45.378	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.760%		
36) 1,2-Dichloropropane-d6	6.690	67	130098	49.915	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.840%		
41) Toluene-d8	7.899	98	326441	39.479	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.960%#		
43) trans-1,3-Dichloroprop...	8.179	79	49487	37.478	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.960%		
47) 2-Hexanone-d5	8.632	63	115070	75.417	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.420%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201135	44.967	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.940%		
66) 1,2-Dichlorobenzene-d4	12.195	152	139304	49.445	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.880%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1133	0.489	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1059	0.491	ug/L #	1
13) Acetone	2.629	43	7288	4.005	ug/L	98
37) 1,2-Dichloropropane	6.690	63	12911	5.202	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2486	0.646	ug/L #	49
51) Chlorobenzene	9.449	112	5945	0.817	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	7310	1.484	ug/L	93
67) 1,2-Dichlorobenzene	12.214	146	7640	1.605	ug/L	96

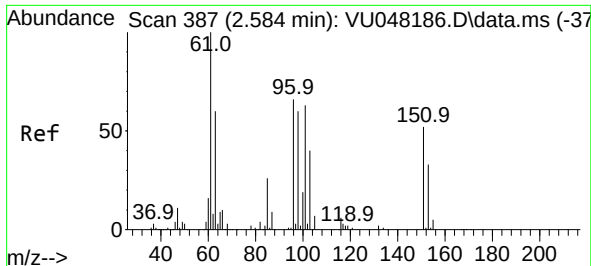
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.489 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048203.D

Acq: 22 Apr 2022 04:47

Instrument :

MSVOA_V

ClientSampleId :

C0JA2

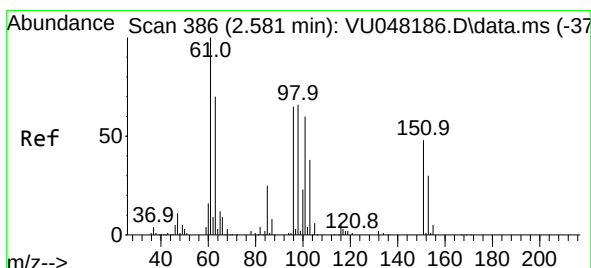
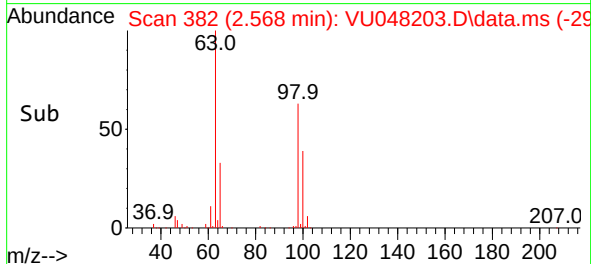
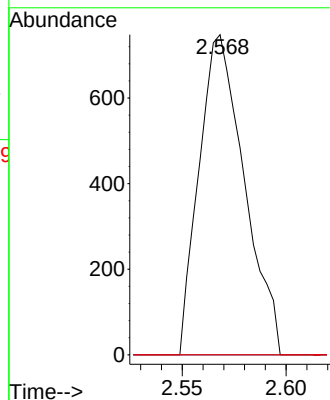
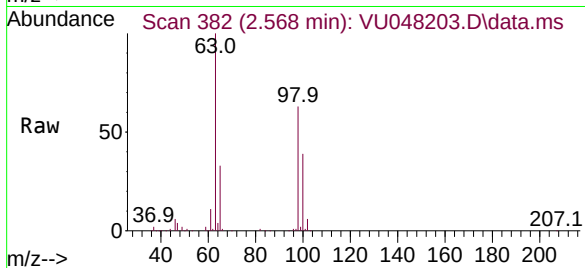
Tgt Ion:101 Resp: 1133

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: 0.491 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU048203.D

Acq: 22 Apr 2022 04:47

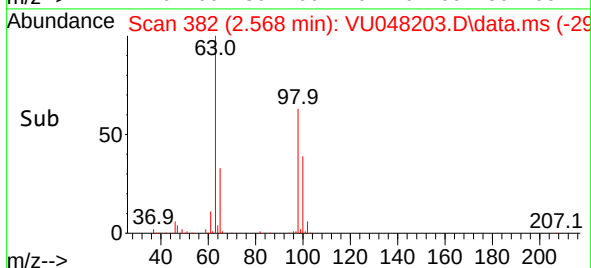
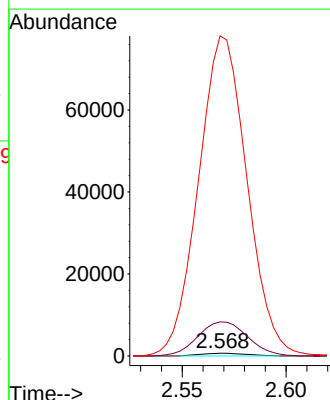
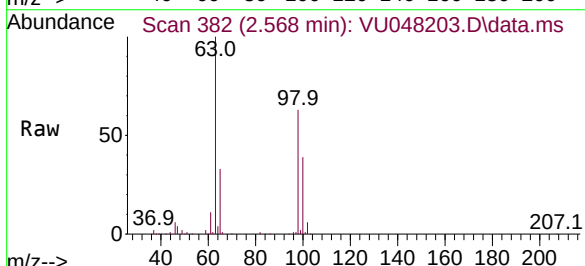
Tgt Ion: 96 Resp: 1059

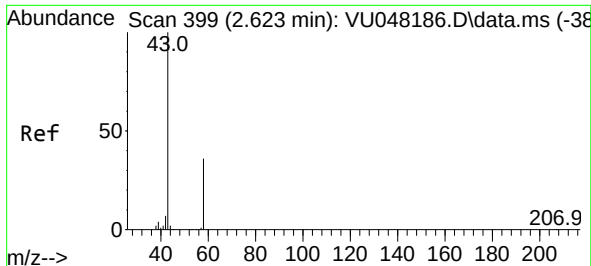
Ion Ratio Lower Upper

96 100

61 1215.6 113.1 210.1#

63 11393.9 94.8 176.0#





#13

Acetone

Concen: 4.005 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU048203.D

Acq: 22 Apr 2022 04:47

Instrument :

MSVOA_V

ClientSampleId :

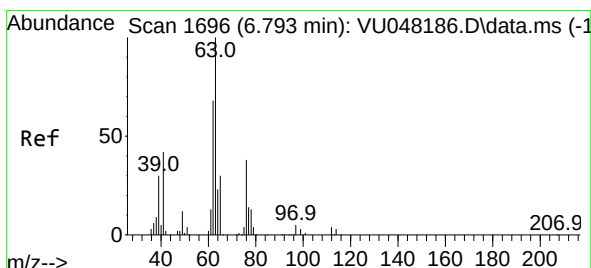
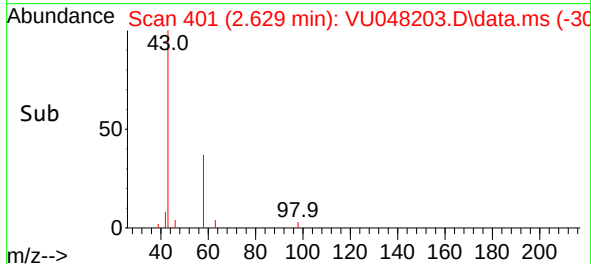
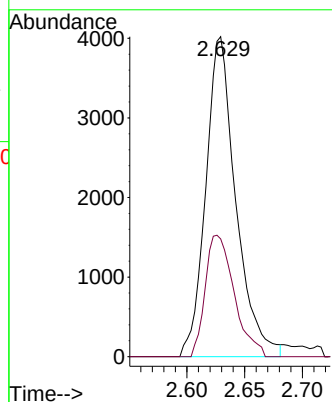
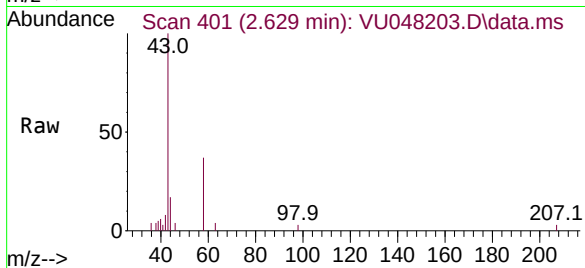
C0JA2

Tgt Ion: 43 Resp: 7288

Ion Ratio Lower Upper

43 100

58 36.4 0.0 70.0



#37

1,2-Dichloropropane

Concen: 5.202 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048203.D

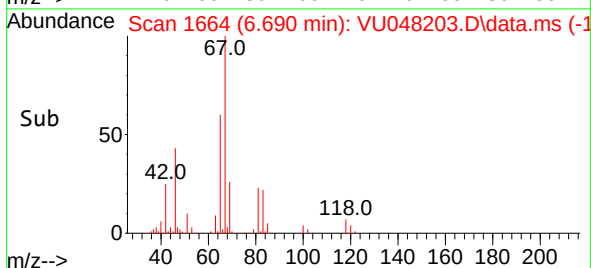
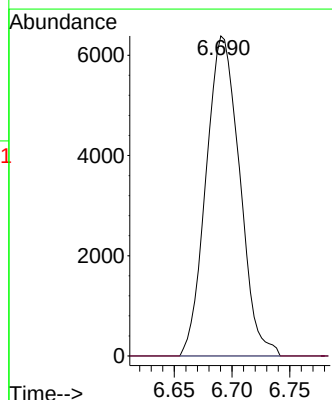
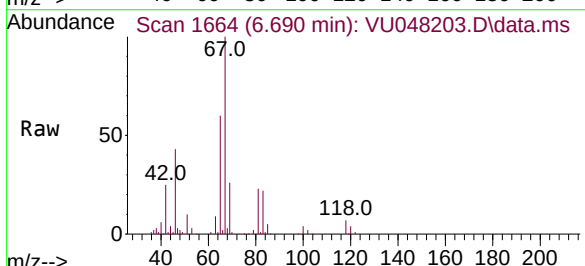
Acq: 22 Apr 2022 04:47

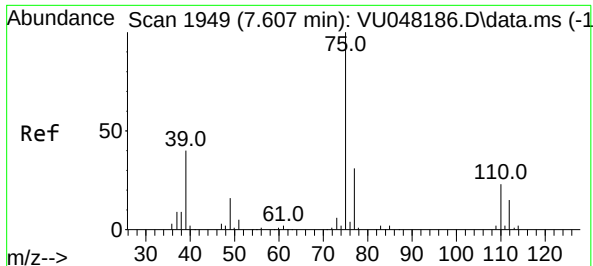
Tgt Ion: 63 Resp: 12911

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.646 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048203.D

Acq: 22 Apr 2022 04:47

Instrument :

MSVOA_V

ClientSampleId :

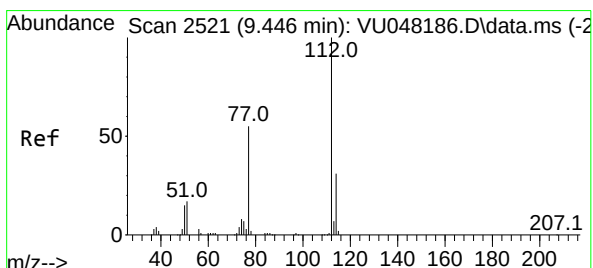
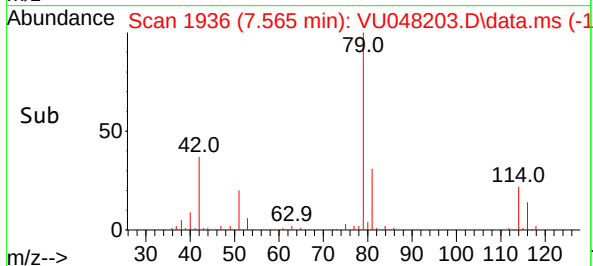
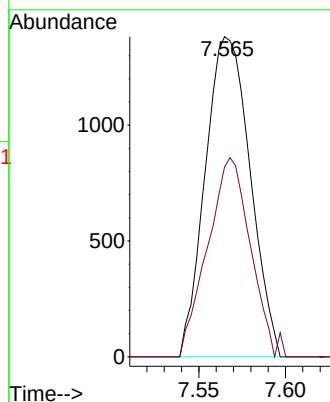
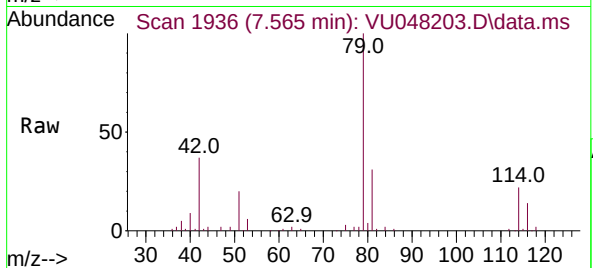
C0JA2

Tgt Ion: 75 Resp: 2486

Ion Ratio Lower Upper

75 100

77 59.3 21.8 40.6#



#51

Chlorobenzene

Concen: 0.817 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048203.D

Acq: 22 Apr 2022 04:47

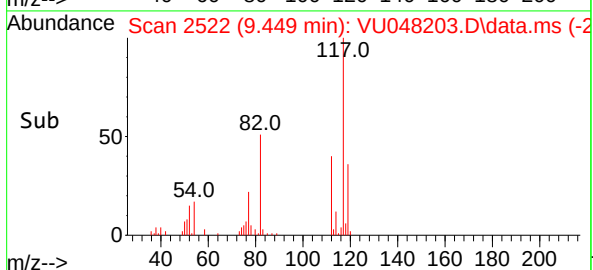
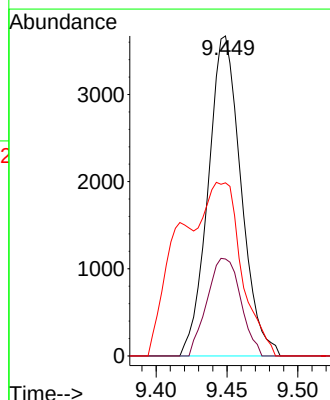
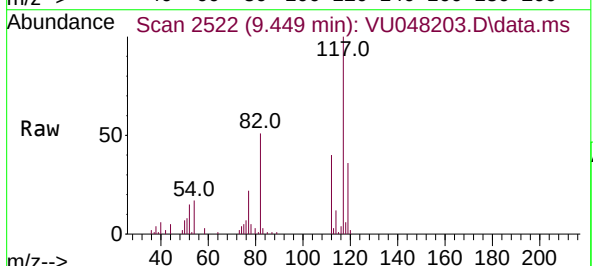
Tgt Ion: 112 Resp: 5945

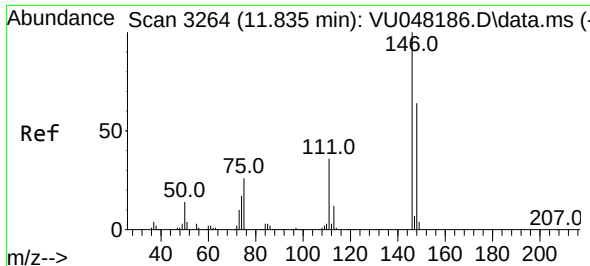
Ion Ratio Lower Upper

112 100

114 30.3 22.1 41.1

77 54.1 43.4 65.0

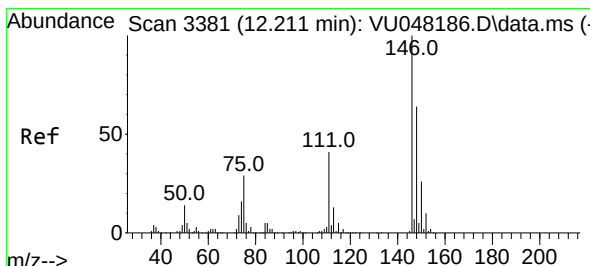
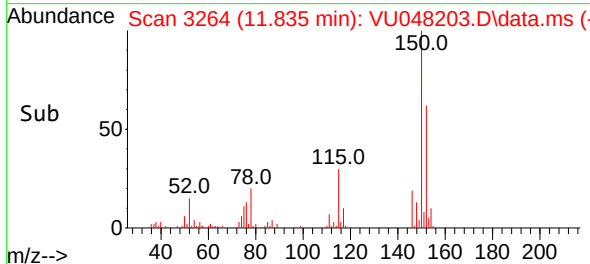
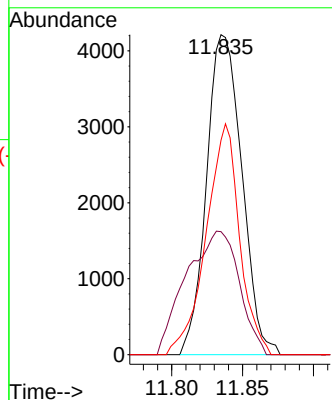
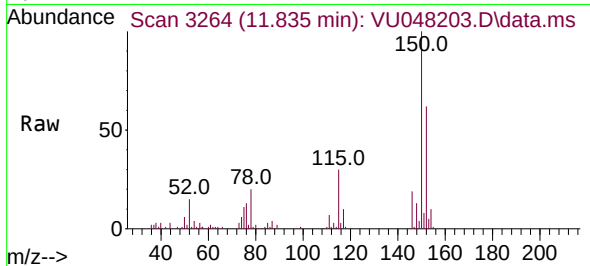




#65
1,4-Dichlorobenzene
Concen: 1.484 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048203.D
Acq: 22 Apr 2022 04:47

Instrument :
MSVOA_V
ClientSampleId :
C0JA2

Tgt Ion:146 Resp: 7310
Ion Ratio Lower Upper
146 100
111 42.6 25.3 47.1
148 67.0 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.605 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048203.D
Acq: 22 Apr 2022 04:47

Tgt Ion:146 Resp: 7640
Ion Ratio Lower Upper
146 100
111 44.3 31.7 47.5
148 65.7 51.4 77.2

