

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048189.D
 Acq On : 21 Apr 2022 22:06
 Operator : SY/MD
 Sample : N2485-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J06

Quant Time: Apr 22 06:35:33 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)

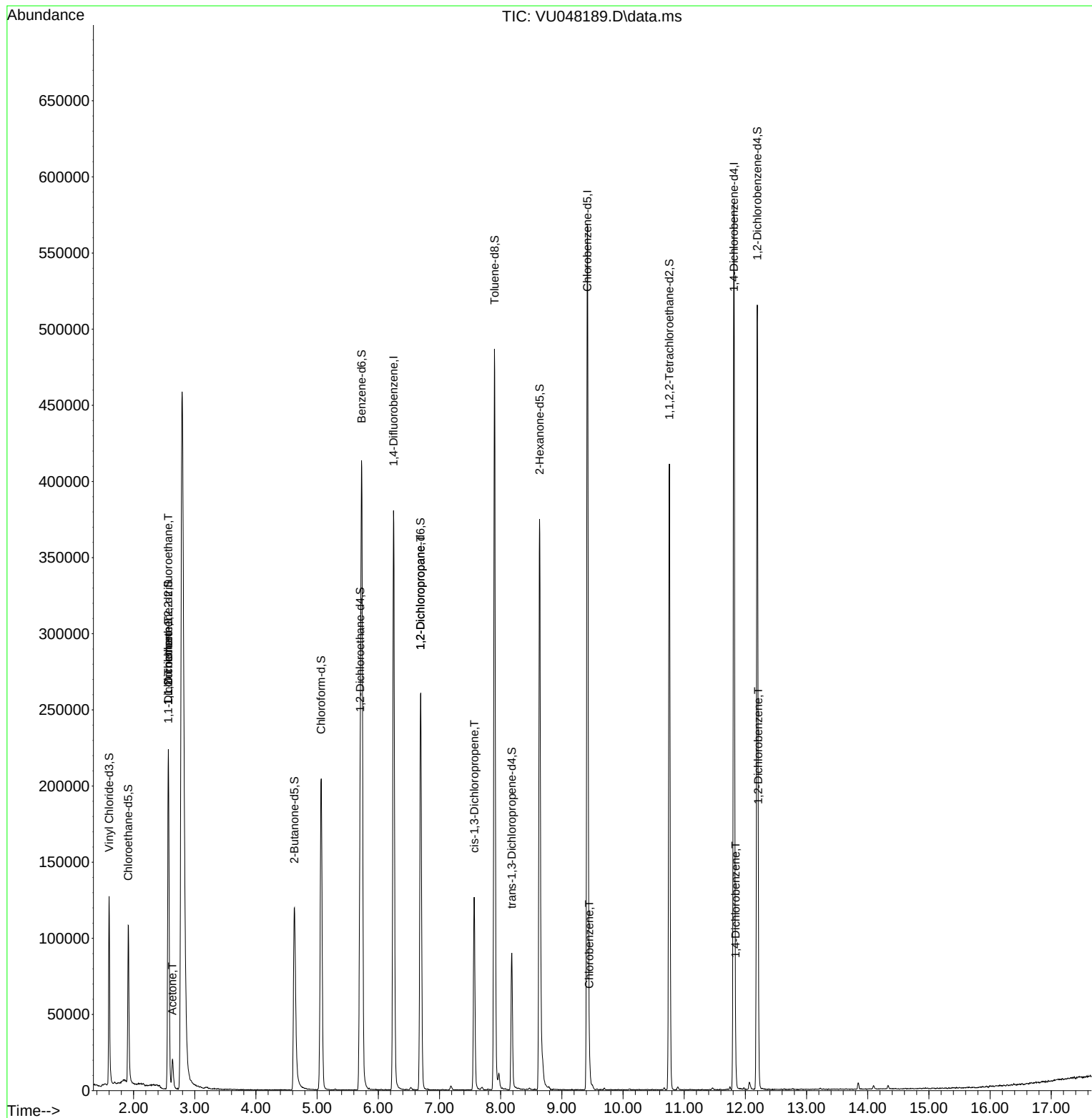
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	328116	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	345556	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	165180	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	94564	39.743	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.480%		
7) Chloroethane-d5	1.912	69	82839	44.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.300%		
11) 1,1-Dichloroethene-d2	2.568	63	130507	29.979	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.960%#		
21) 2-Butanone-d5	4.626	46	187250	91.687	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.690%		
24) Chloroform-d	5.067	84	198475	45.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.180%		
26) 1,2-Dichloroethane-d4	5.703	65	121095	45.351	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.700%		
32) Benzene-d6	5.729	84	393319	45.234	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.460%		
36) 1,2-Dichloropropane-d6	6.690	67	134411	50.334	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.660%		
41) Toluene-d8	7.899	98	331919	39.180	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.360%#		
43) trans-1,3-Dichloroprop...	8.182	79	53092	39.244	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.480%		
47) 2-Hexanone-d5	8.636	63	126003	80.604	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.600%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	205141	44.763	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.520%		
66) 1,2-Dichlorobenzene-d4	12.195	152	143607	48.867	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.740%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1275	0.527	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1123	0.499	ug/L #	1
13) Acetone	2.636	43	23507	12.369	ug/L	98
37) 1,2-Dichloropropane	6.690	63	13183	5.185	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2917	0.739	ug/L #	68
51) Chlorobenzene	9.449	112	7501	1.007	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	6960	1.354	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	5273	1.062	ug/L #	83

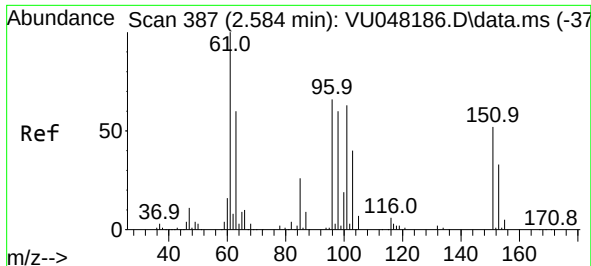
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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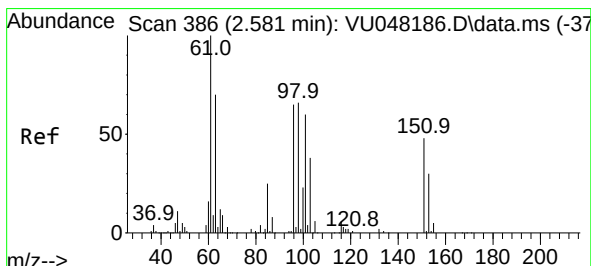
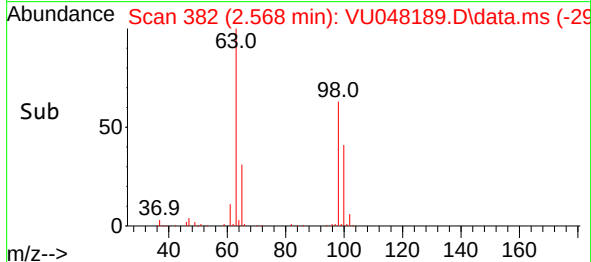
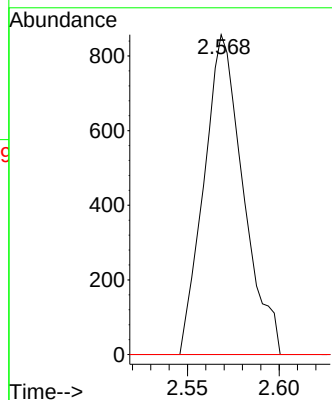
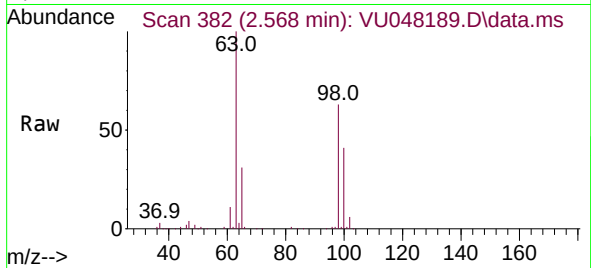




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.527 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048189.D
 Acq: 21 Apr 2022 22:06

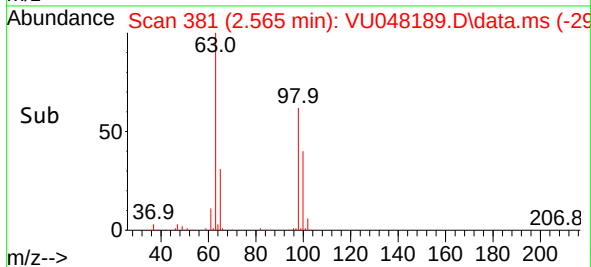
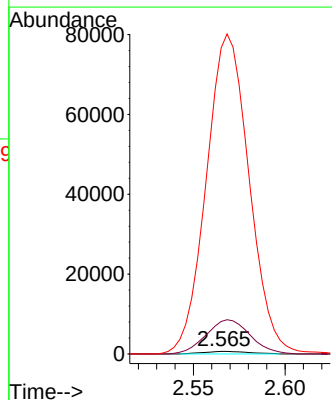
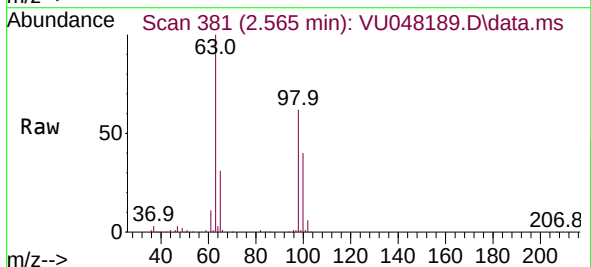
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J06

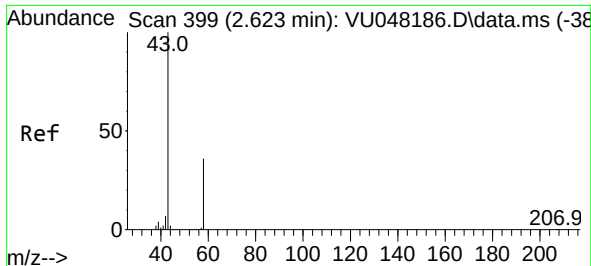
Tgt Ion:101 Resp: 1275
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.499 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU048189.D
 Acq: 21 Apr 2022 22:06

Tgt Ion: 96 Resp: 1123
 Ion Ratio Lower Upper
 96 100
 61 1235.1 113.1 210.1#
 63 11632.2 94.8 176.0#





#13

Acetone

Concen: 12.369 ug/L

RT: 2.636 min Scan# 403

Delta R.T. 0.013 min

Lab File: VU048189.D

Acq: 21 Apr 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

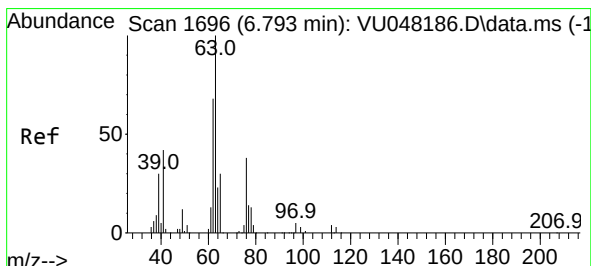
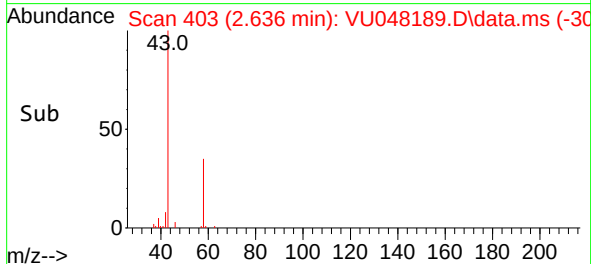
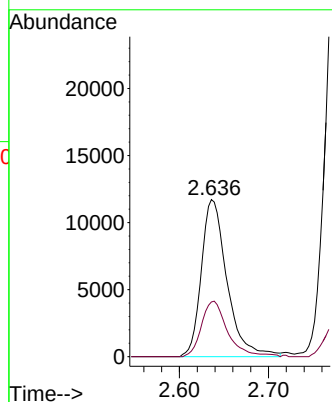
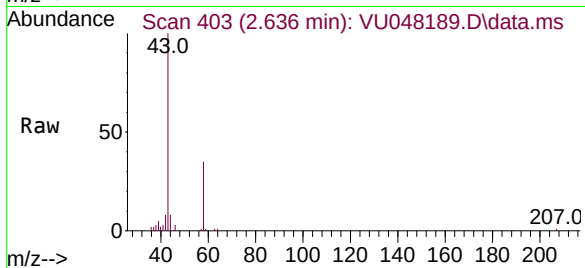
C0J06

Tgt Ion: 43 Resp: 23507

Ion Ratio Lower Upper

43 100

58 36.0 0.0 70.0



#37

1,2-Dichloropropane

Concen: 5.185 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048189.D

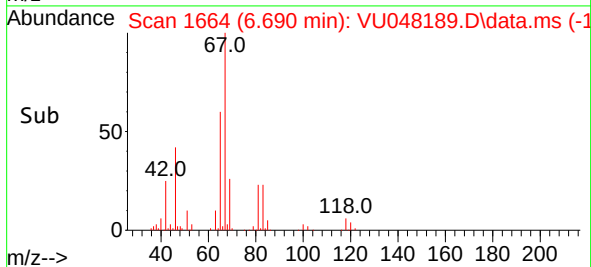
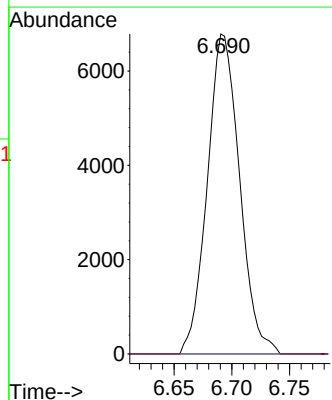
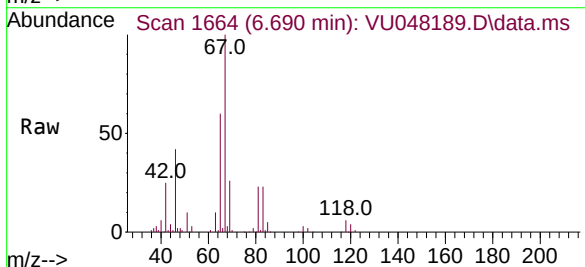
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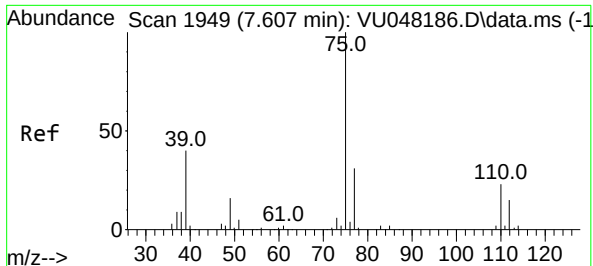
Tgt Ion: 63 Resp: 13183

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.739 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU048189.D

Acq: 21 Apr 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

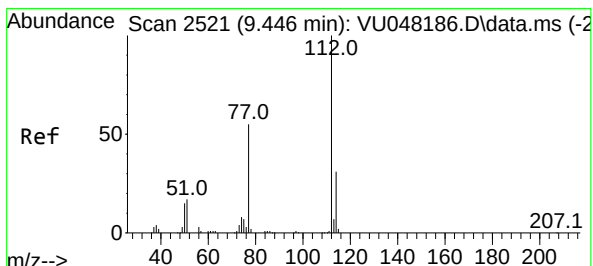
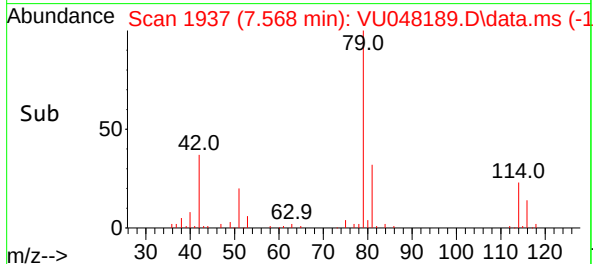
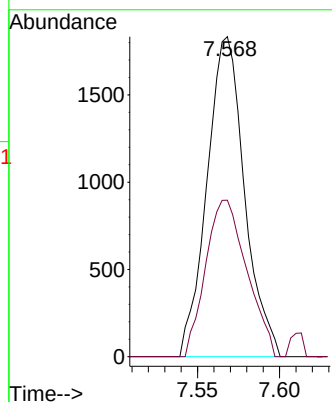
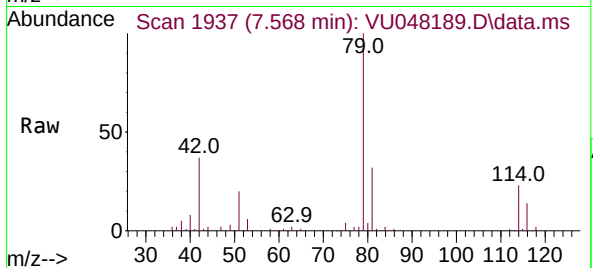
C0J06

Tgt Ion: 75 Resp: 2917

Ion Ratio Lower Upper

75 100

77 48.9 21.8 40.6#



#51

Chlorobenzene

Concen: 1.007 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048189.D

Acq: 21 Apr 2022 22:06

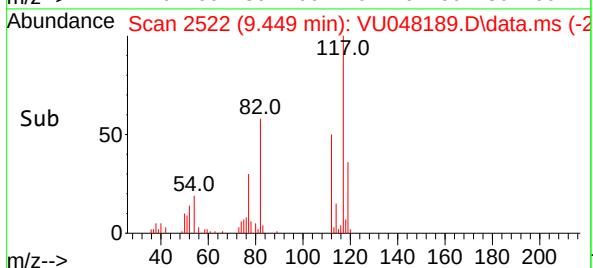
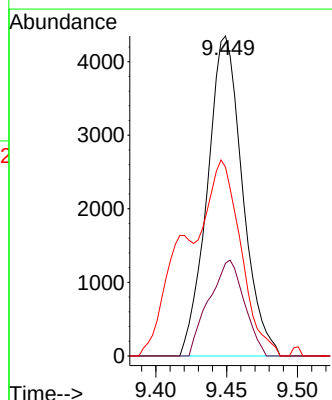
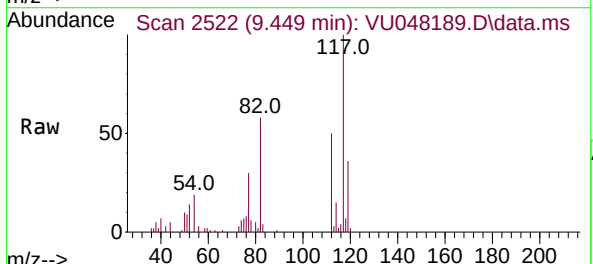
Tgt Ion: 112 Resp: 7501

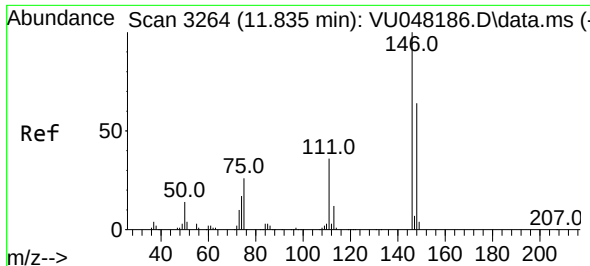
Ion Ratio Lower Upper

112 100

114 29.0 22.1 41.1

77 59.0 43.4 65.0

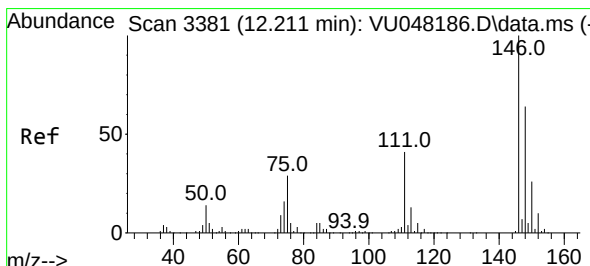
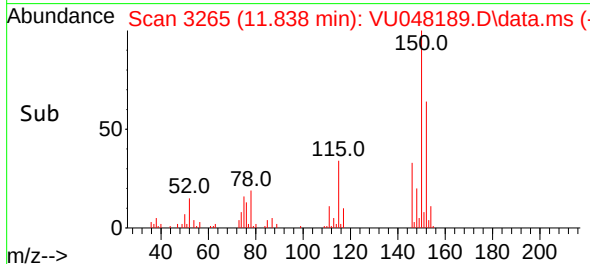
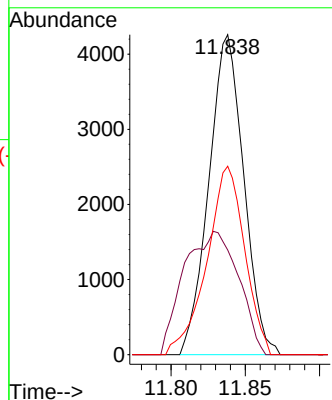
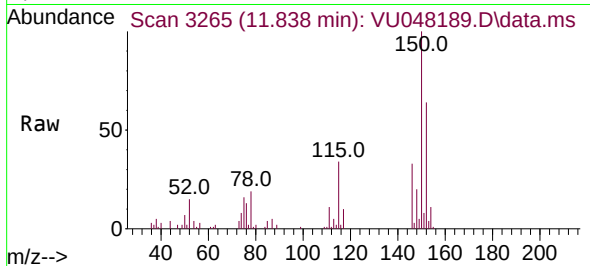




#65
 1,4-Dichlorobenzene
 Concen: 1.354 ug/L
 RT: 11.838 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048189.D
 Acq: 21 Apr 2022 22:06

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J06

Tgt Ion:146 Resp: 6960
 Ion Ratio Lower Upper
 146 100
 111 32.7 25.3 47.1
 148 58.9 44.5 82.7



#67
 1,2-Dichlorobenzene
 Concen: 1.062 ug/L
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU048189.D
 Acq: 21 Apr 2022 22:06

Tgt Ion:146 Resp: 5273
 Ion Ratio Lower Upper
 146 100
 111 61.5 31.7 47.5#
 148 68.6 51.4 77.2

