

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048248.D
 Acq On : 23 Apr 2022 16:02
 Operator : SY/MD
 Sample : N2488-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Apr 25 01:26:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 25 01:24:32 2022
 Response via : Initial Calibration

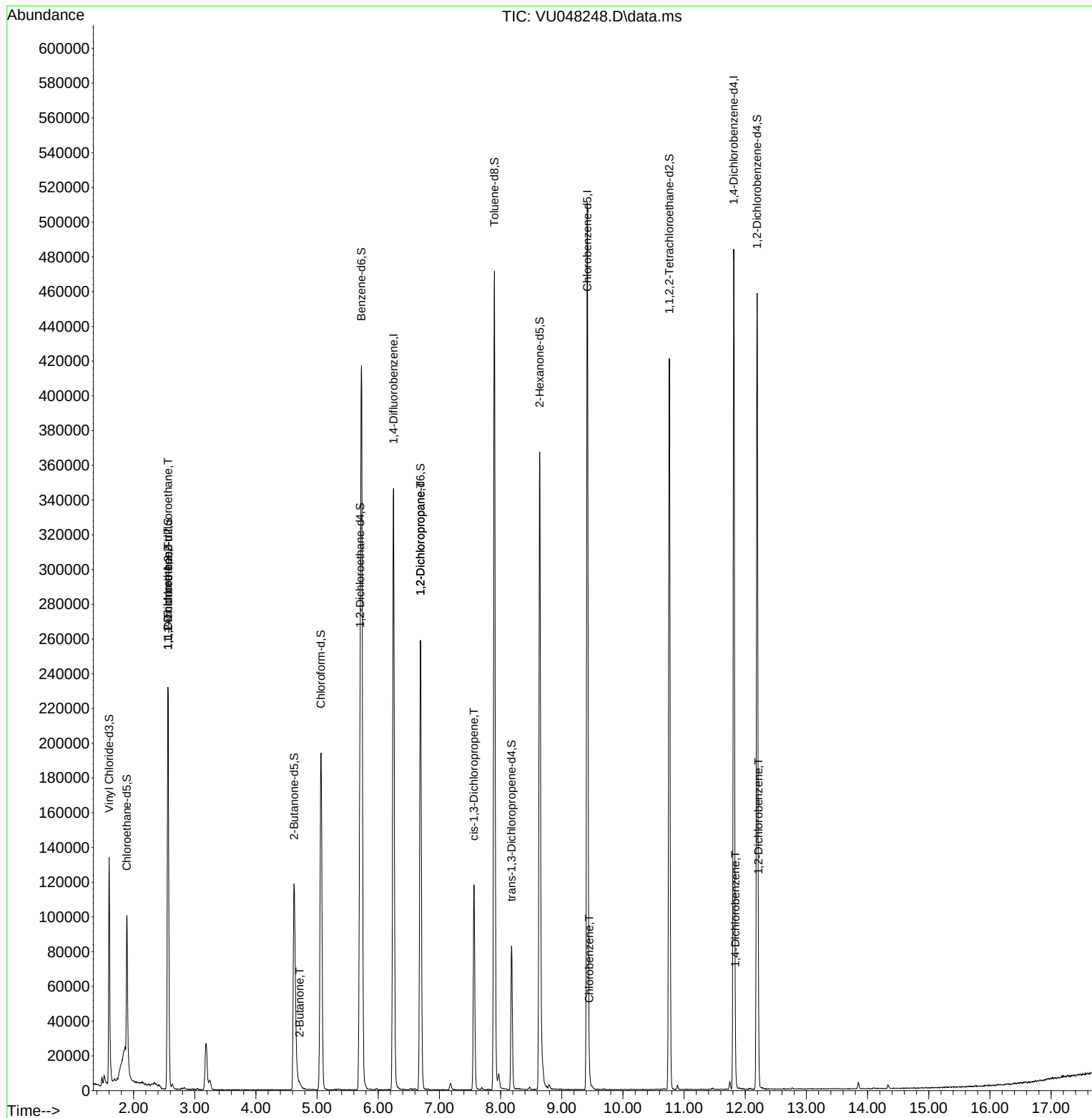
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

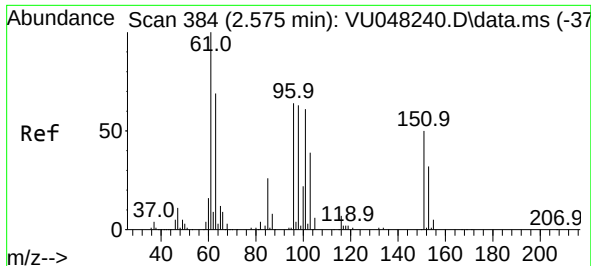
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	295148	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	303756	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	140487	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	107287	50.127	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 100.260%		
7) Chloroethane-d5	1.890	69	85437	50.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 101.260%		
11) 1,1-Dichloroethene-d2	2.562	63	134417	34.326	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 68.660%		
21) 2-Butanone-d5	4.623	46	179427	97.670	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 97.670%		
24) Chloroform-d	5.063	84	188340	48.093	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 96.180%		
26) 1,2-Dichloroethane-d4	5.703	65	119752	49.858	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 99.720%		
32) Benzene-d6	5.726	84	398813	52.178	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 104.360%		
36) 1,2-Dichloropropane-d6	6.690	67	131736	56.121	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 112.240%		
41) Toluene-d8	7.899	98	319654	42.925	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 85.840%		
43) trans-1,3-Dichloroprop...	8.179	79	46601	39.187	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 78.380%		
47) 2-Hexanone-d5	8.639	63	125816	91.560	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 91.560%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	214230	53.179	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 106.360%		
66) 1,2-Dichlorobenzene-d4	12.195	152	130995	52.411	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 104.820%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1223	0.562	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1181	0.583	ug/L #	1
22) 2-Butanone	4.713	43	2900	1.317	ug/L	98
37) 1,2-Dichloropropane	6.690	63	13055	5.841	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2701	0.779	ug/L #	48
51) Chlorobenzene	9.449	112	3851	0.588	ug/L	91
65) 1,4-Dichlorobenzene	11.838	146	3376	0.772	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	4162	0.986	ug/L	97

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

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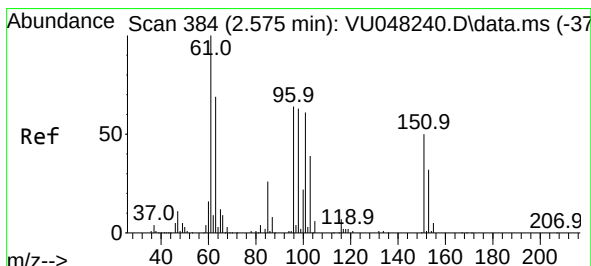
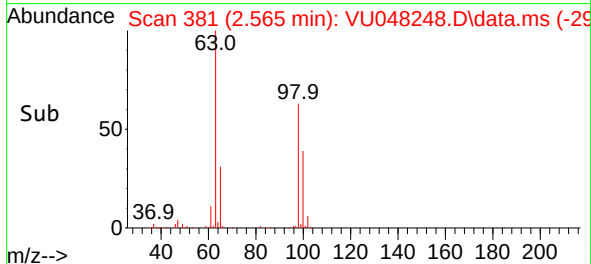
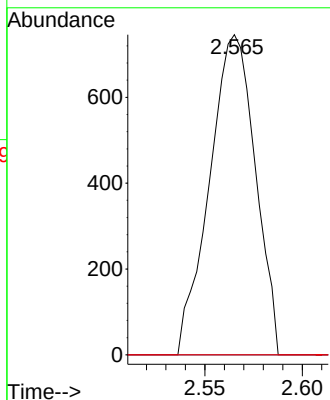
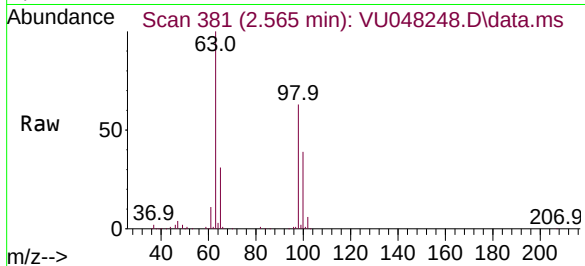
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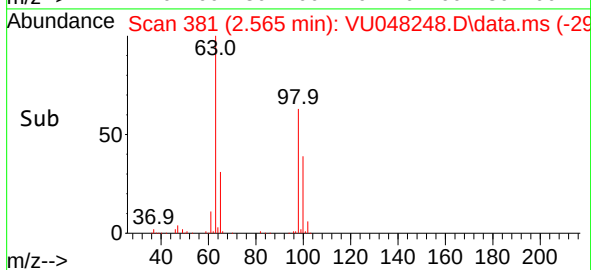
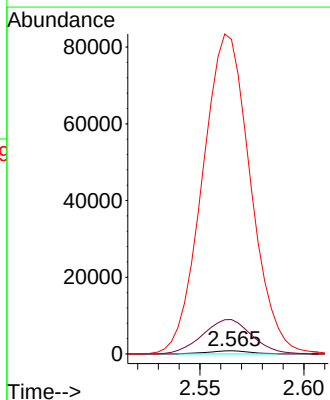
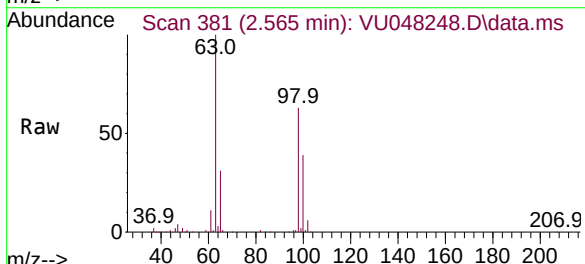
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.562 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.010 min
 Lab File: VU048248.D
 Acq: 23 Apr 2022 16:02

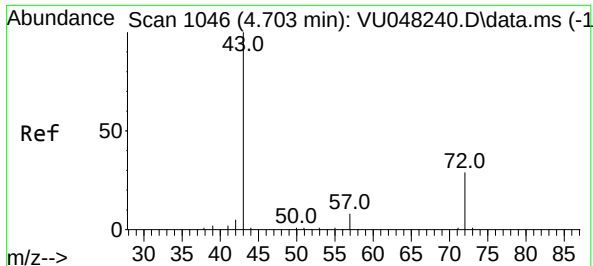
Tgt Ion:101 Resp: 1223
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.583 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.010 min
 Lab File: VU048248.D
 Acq: 23 Apr 2022 16:02

Tgt Ion: 96 Resp: 1181
 Ion Ratio Lower Upper
 96 100
 61 1090.9 113.1 210.1#
 63 9978.6 94.8 176.0#





#22

2-Butanone

Concen: 1.317 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.010 min

Lab File: VU048248.D

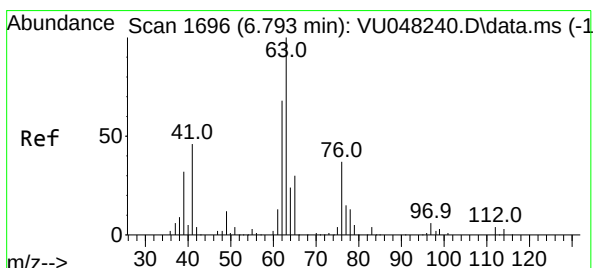
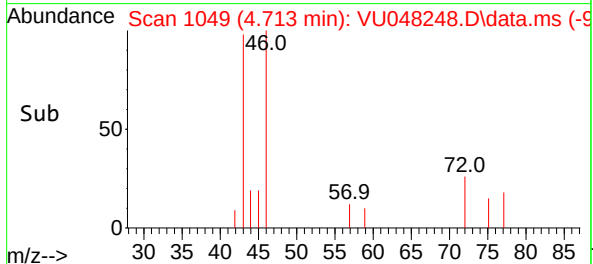
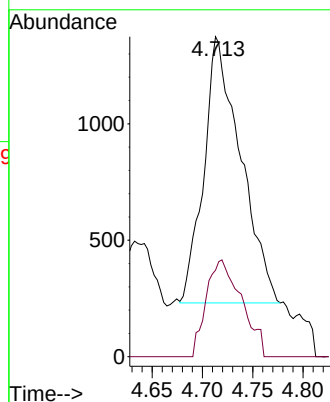
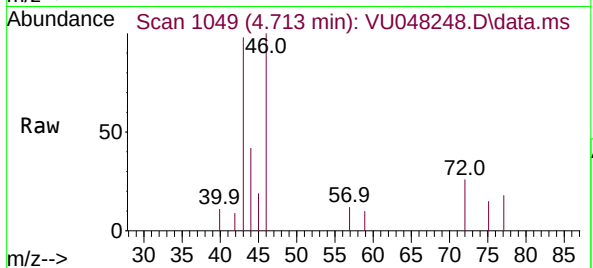
Acq: 23 Apr 2022 16:02

Tgt Ion: 43 Resp: 2900

Ion Ratio Lower Upper

43 100

72 33.3 16.0 47.9



#37

1,2-Dichloropropane

Concen: 5.841 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048248.D

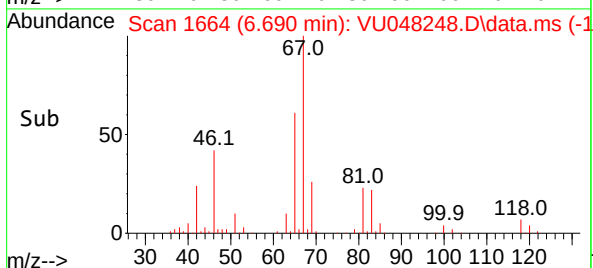
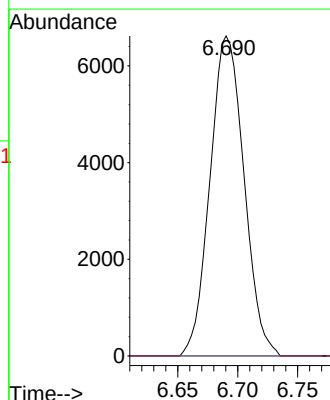
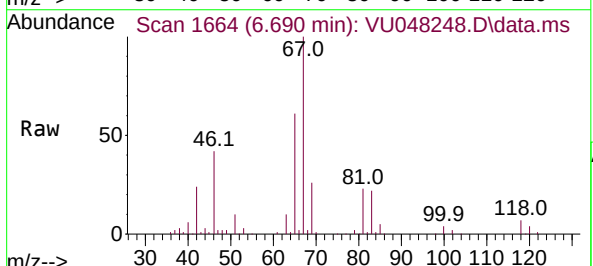
Acq: 23 Apr 2022 16:02

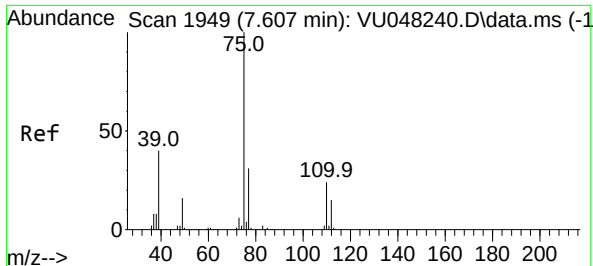
Tgt Ion: 63 Resp: 13055

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

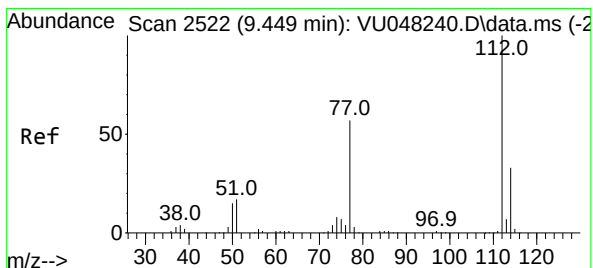
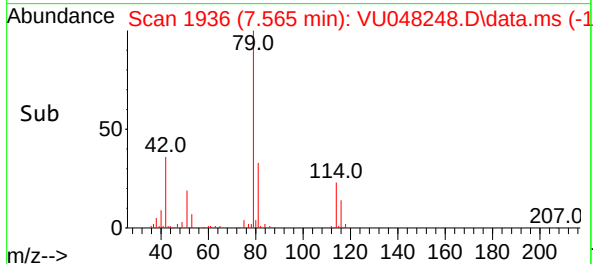
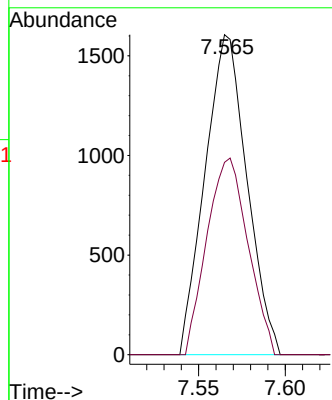
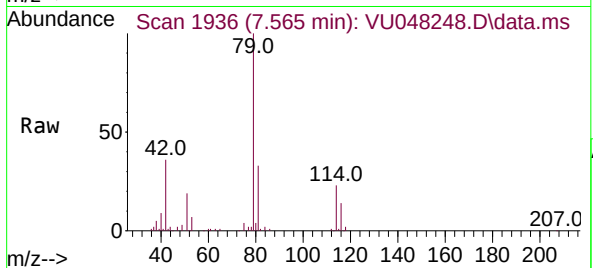




#39

cis-1,3-Dichloropropene
Concen: 0.779 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU048248.D
Acq: 23 Apr 2022 16:02

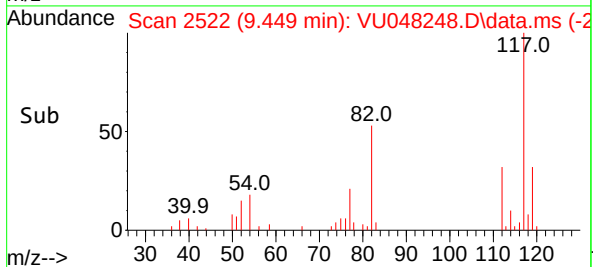
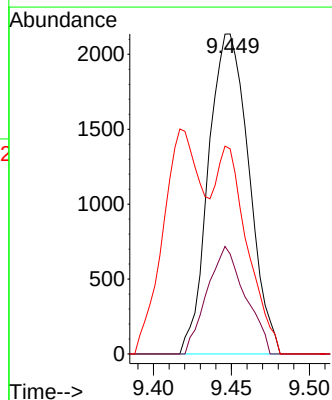
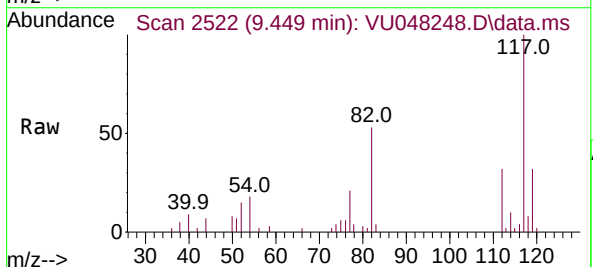
Tgt Ion: 75 Resp: 2701
Ion Ratio Lower Upper
75 100
77 60.1 21.8 40.6#

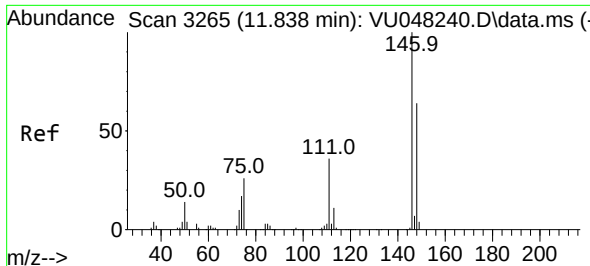


#51

Chlorobenzene
Concen: 0.588 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048248.D
Acq: 23 Apr 2022 16:02

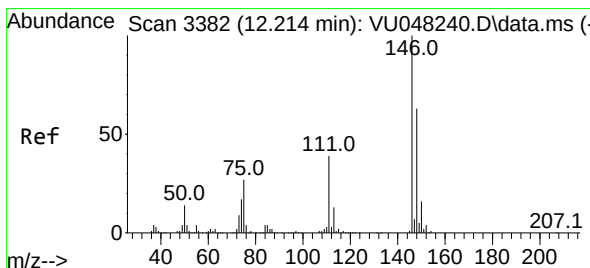
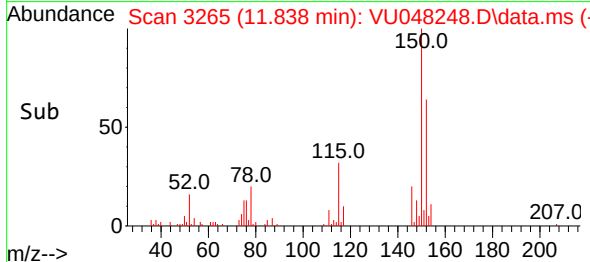
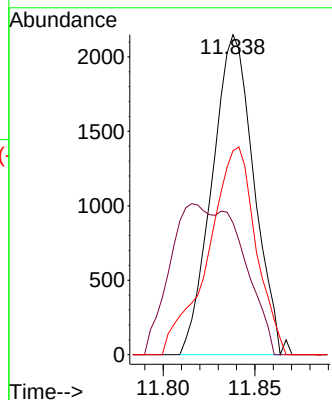
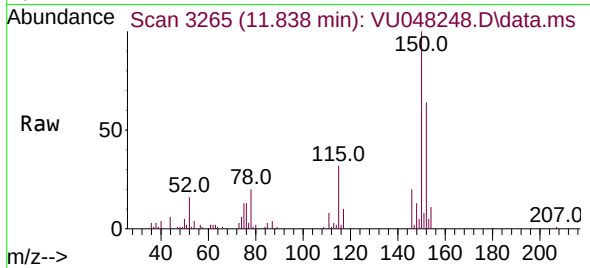
Tgt Ion: 112 Resp: 3851
Ion Ratio Lower Upper
112 100
114 31.3 22.1 41.1
77 64.1 43.4 65.0





#65
1,4-Dichlorobenzene
Concen: 0.772 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048248.D
Acq: 23 Apr 2022 16:02

Tgt Ion:146 Resp: 3376
Ion Ratio Lower Upper
146 100
111 41.2 25.3 47.1
148 63.8 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 0.986 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048248.D
Acq: 23 Apr 2022 16:02

Tgt Ion:146 Resp: 4162
Ion Ratio Lower Upper
146 100
111 43.8 31.7 47.5
148 64.9 51.4 77.2

