

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047898.D
 Acq On : 11 Apr 2022 12:15
 Operator : SY/MD
 Sample : N2343-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:01:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

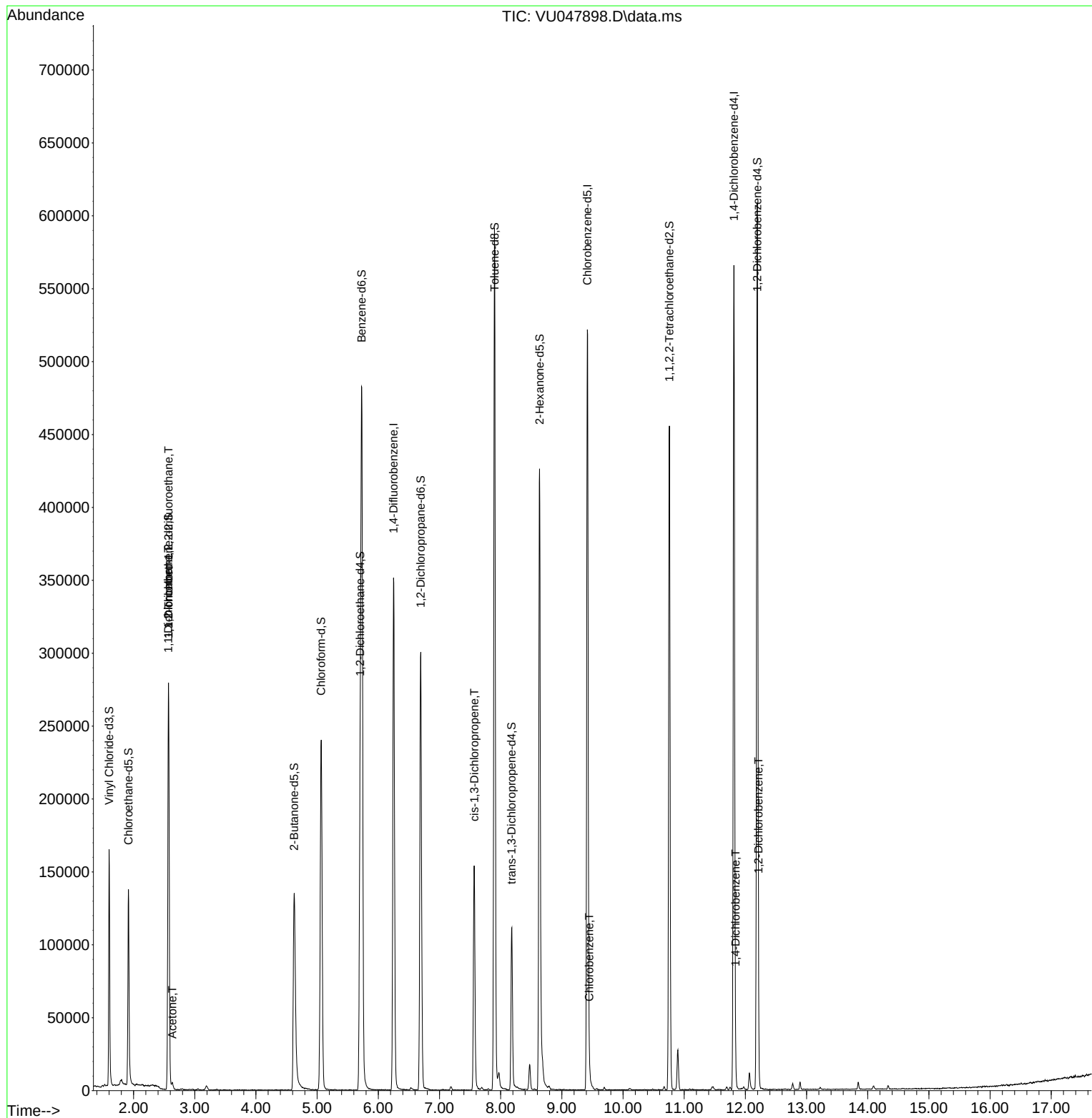
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	302120	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	316172	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	164124	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	118537	54.105	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 108.220%		
7) Chloroethane-d5	1.916	69	103012	59.631	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 119.260%		
11) 1,1-Dichloroethene-d2	2.571	63	158644	39.578	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 79.160%		
21) 2-Butanone-d5	4.623	46	198660	105.644	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 105.640%		
24) Chloroform-d	5.067	84	225865	56.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 112.680%		
26) 1,2-Dichloroethane-d4	5.703	65	146040	59.399	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 118.800%		
32) Benzene-d6	5.729	84	456984	57.441	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 114.880%		
36) 1,2-Dichloropropane-d6	6.693	67	145341	59.486	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 118.980%		
41) Toluene-d8	7.899	98	402718	51.955	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 103.920%		
43) trans-1,3-Dichloroprop...	8.179	79	64846	52.387	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 104.780%		
47) 2-Hexanone-d5	8.636	63	147716	103.276	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 103.280%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	223752	53.362	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 106.720%		
66) 1,2-Dichlorobenzene-d4	12.195	152	174764	59.852	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 119.700%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1694	0.761	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1369	0.661	ug/L #	1
13) Acetone	2.636	43	4846	2.769	ug/L	97
39) cis-1,3-Dichloropropene	7.568	75	3686	1.021	ug/L #	51
51) Chlorobenzene	9.449	112	4675	0.686	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	4834	0.947	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	3793	0.769	ug/L	88

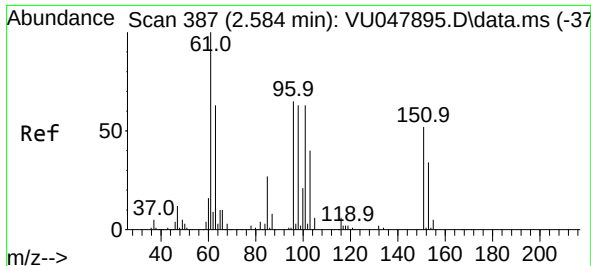
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#10

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

Concen: 0.761 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU047898.D

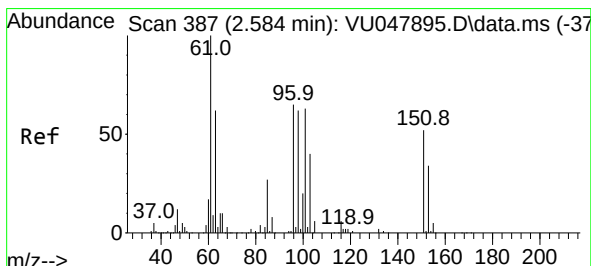
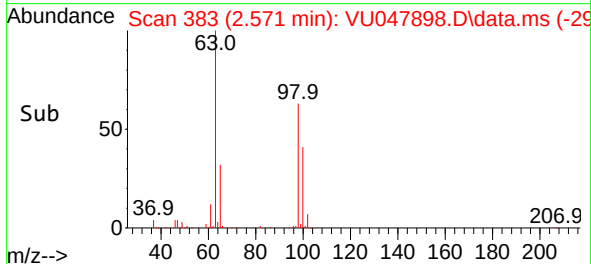
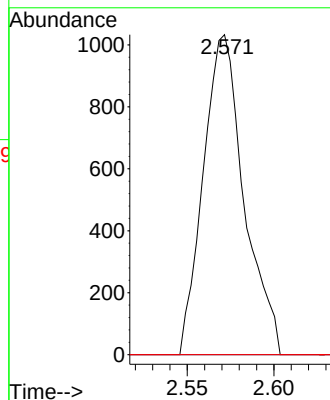
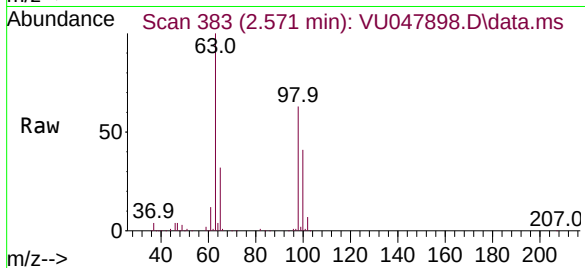
Acq: 11 Apr 2022 12:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	1694
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: 0.661 ug/L

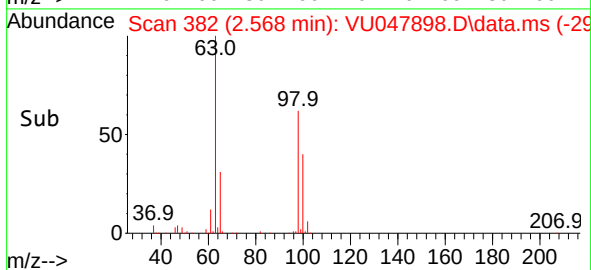
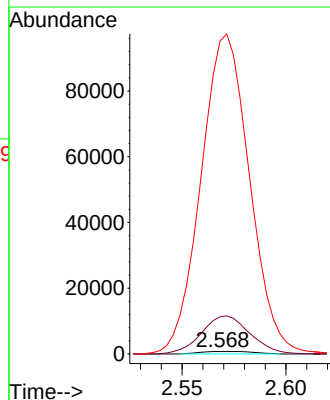
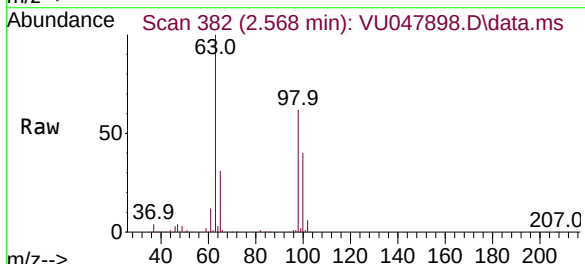
RT: 2.568 min Scan# 382

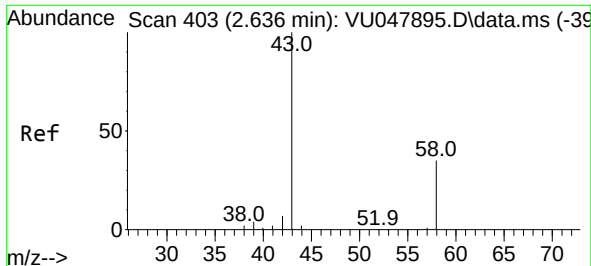
Delta R.T. -0.016 min

Lab File: VU047898.D

Acq: 11 Apr 2022 12:15

Tgt Ion: 96	Resp:	1369
Ion	Ratio	Lower Upper
96	100	
61	1498.7	113.1 210.1#
63	12610.3	94.8 176.0#





#13

Acetone

Concen: 2.769 ug/L

RT: 2.636 min Scan# 403

Delta R.T. 0.000 min

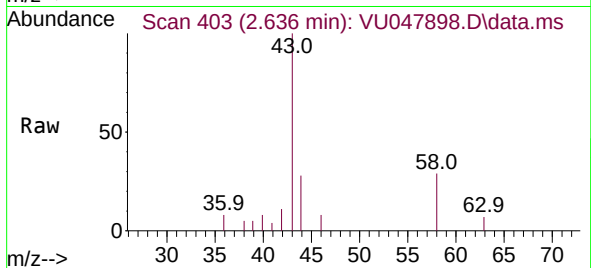
Lab File: VU047898.D

Acq: 11 Apr 2022 12:15

Instrument :

MSVOA_U

ClientSampleId :

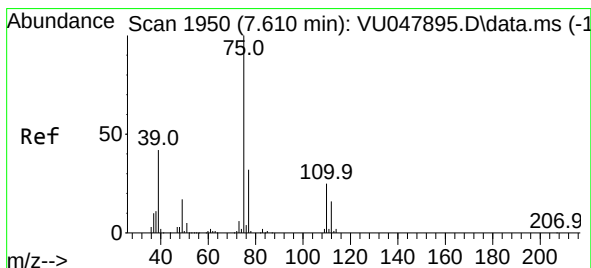
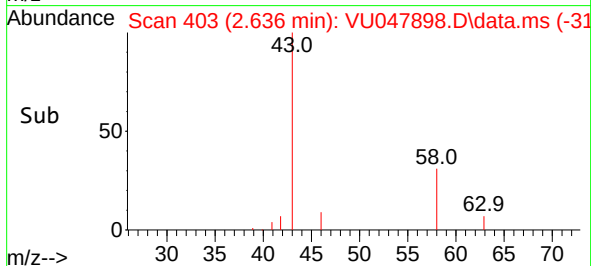
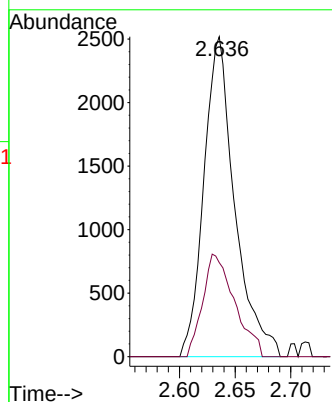


Tgt Ion: 43 Resp: 4846

Ion Ratio Lower Upper

43 100

58 33.1 0.0 70.0



#39

cis-1,3-Dichloropropene

Concen: 1.021 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047898.D

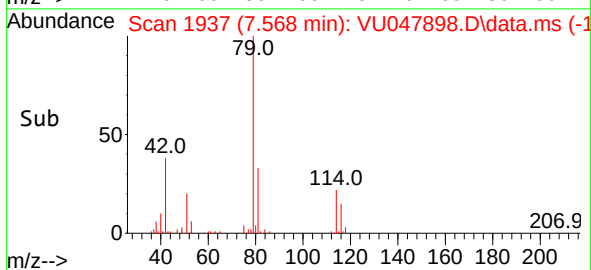
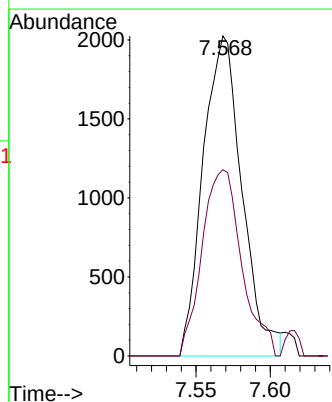
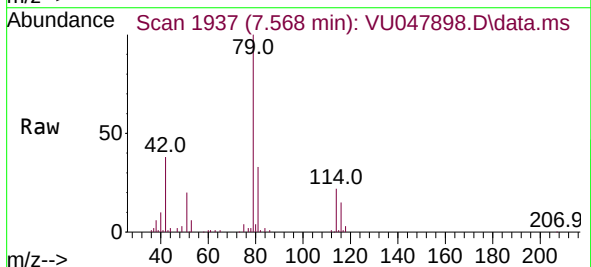
Acq: 11 Apr 2022 12:15

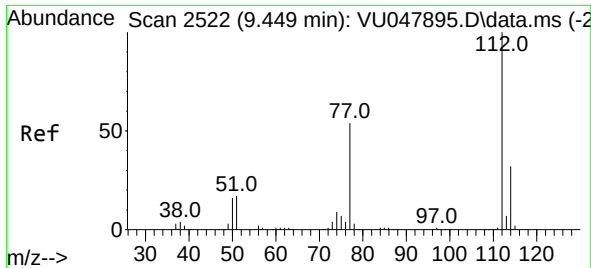
Tgt Ion: 75 Resp: 3686

Ion Ratio Lower Upper

75 100

77 58.2 21.8 40.6#

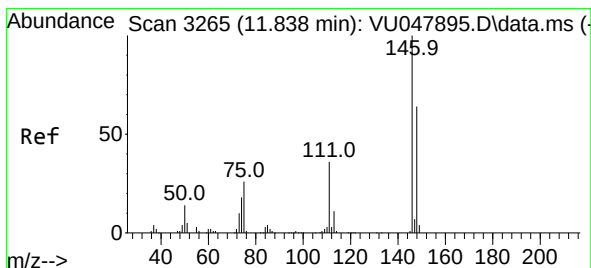
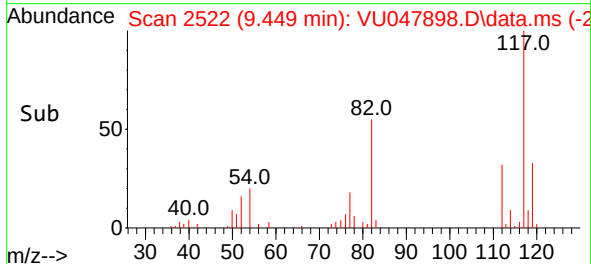
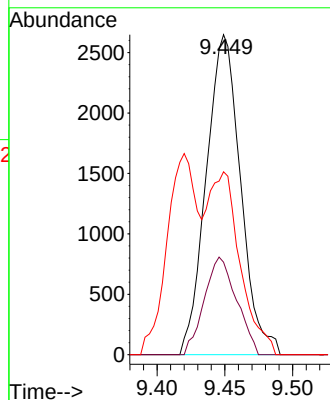
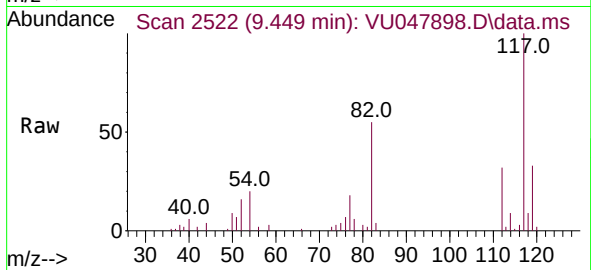




#51
Chlorobenzene
Concen: 0.686 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047898.D
Acq: 11 Apr 2022 12:15

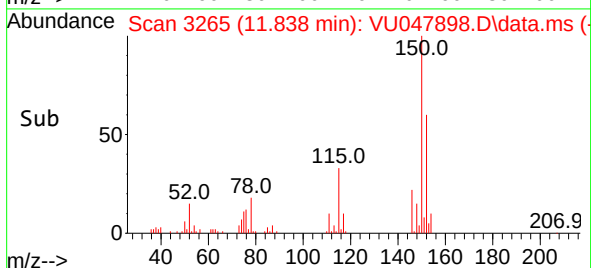
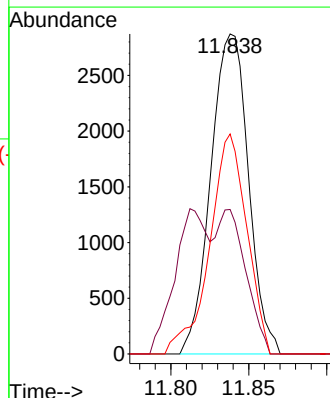
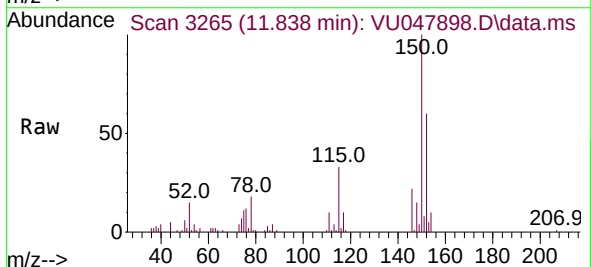
Instrument :
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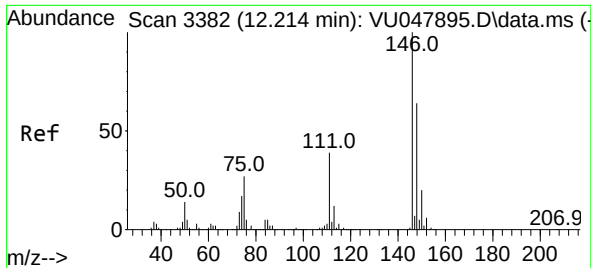
Tgt Ion	Ratio	Lower	Upper
112	100		
114	28.9	22.1	41.1
77	57.1	43.4	65.0



#65
1,4-Dichlorobenzene
Concen: 0.947 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047898.D
Acq: 11 Apr 2022 12:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	25.3	47.1
148	64.9	44.5	82.7





#67

1,2-Dichlorobenzene

Concen: 0.769 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

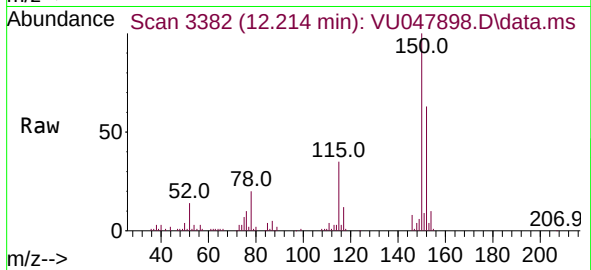
Lab File: VU047898.D

Acq: 11 Apr 2022 12:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	146	Resp:	3793
Ion	Ratio	Lower	Upper
146	100		
111	45.2	31.7	47.5
148	54.1	51.4	77.2

