

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048180.D
 Acq On : 21 Apr 2022 18:04
 Operator : SY/MD
 Sample : N2486-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J29

Quant Time: Apr 22 01:52:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

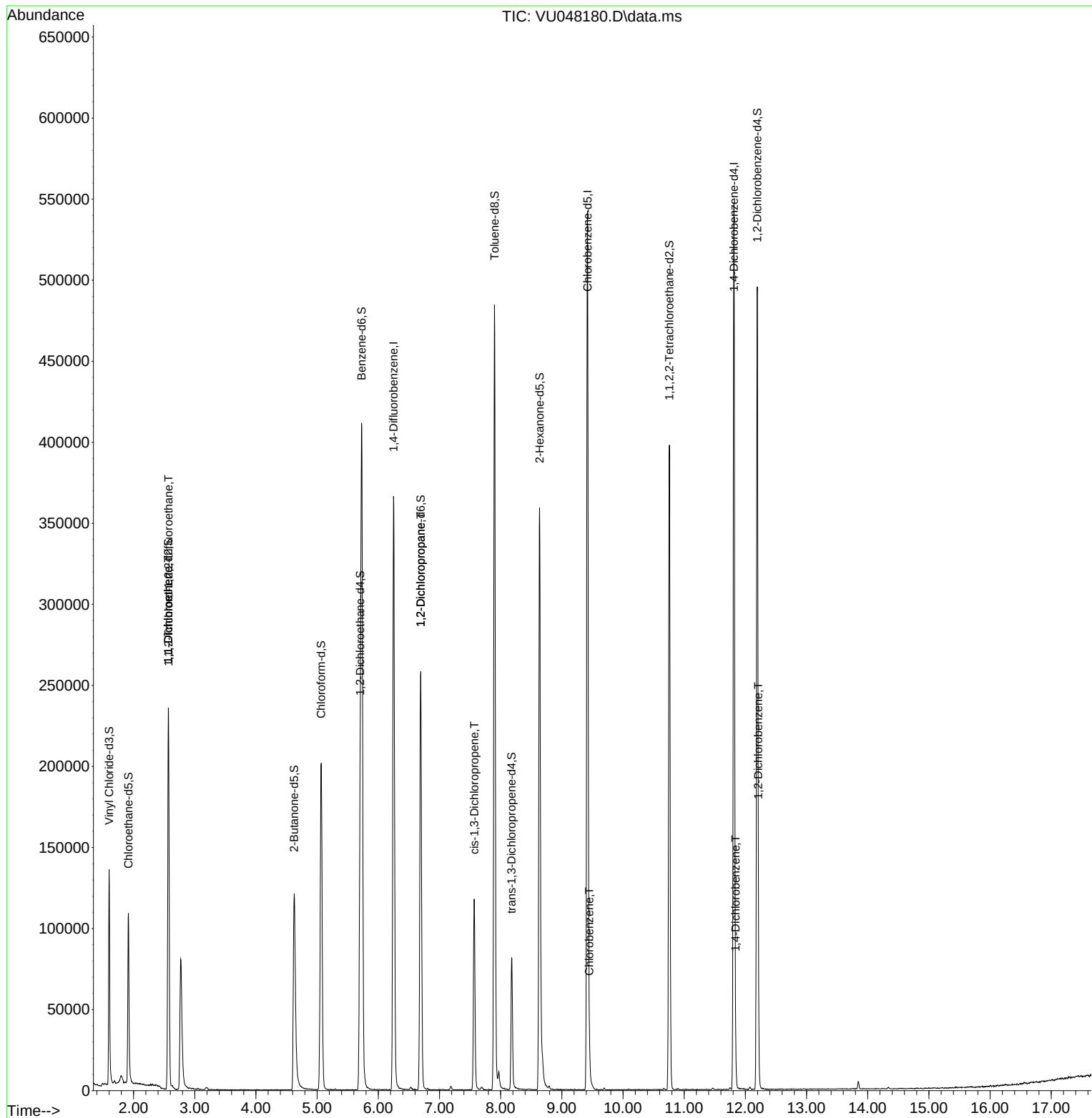
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	315332	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	333507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	156618	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	100503	43.952	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	87.900%	
7) Chloroethane-d5	1.916	69	85328	47.324	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.640%	
11) 1,1-Dichloroethene-d2	2.568	63	134271	32.094	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	64.180%	
21) 2-Butanone-d5	4.623	46	180537	91.984	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	91.980%	
24) Chloroform-d	5.067	84	194077	46.385	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.780%	
26) 1,2-Dichloroethane-d4	5.703	65	121262	47.255	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.500%	
32) Benzene-d6	5.729	84	393168	46.850	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.700%	
36) 1,2-Dichloropropane-d6	6.694	67	130597	50.673	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.340%	
41) Toluene-d8	7.899	98	336057	41.102	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	8.179	79	47707	36.538	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	73.080%	
47) 2-Hexanone-d5	8.636	63	119569	79.252	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	79.250%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	198049	44.777	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.560%	
66) 1,2-Dichlorobenzene-d4	12.195	152	142098	50.997	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1171	0.504	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1094	0.506	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	13372	5.449	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2678	0.703	ug/L #	70
51) Chlorobenzene	9.449	112	10203	1.419	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	7942	1.630	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	7747	1.646	ug/L	93

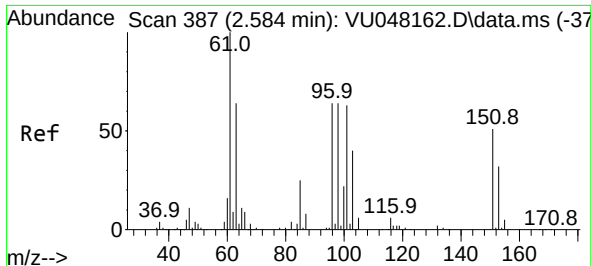
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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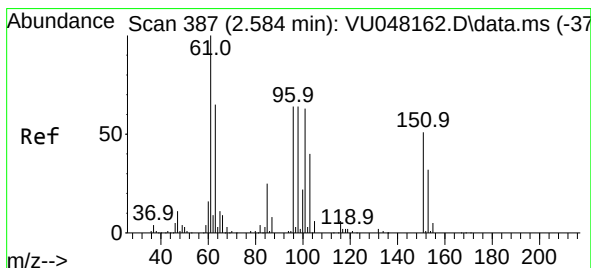
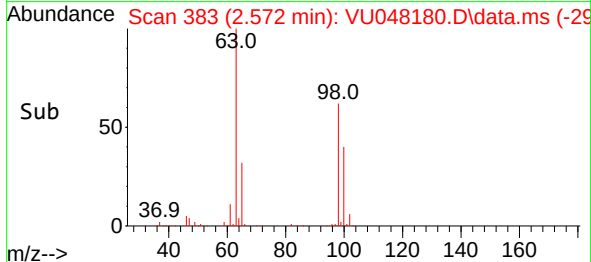
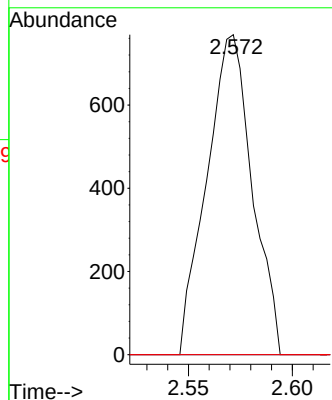
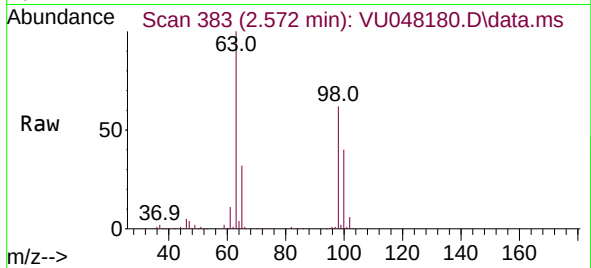




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.504 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048180.D
 Acq: 21 Apr 2022 18:04

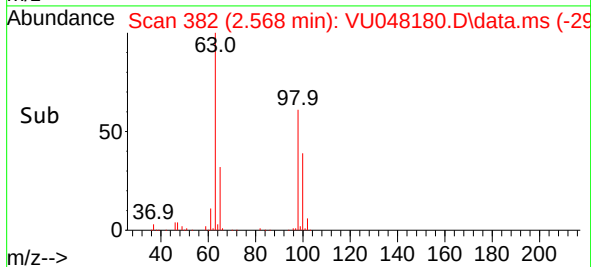
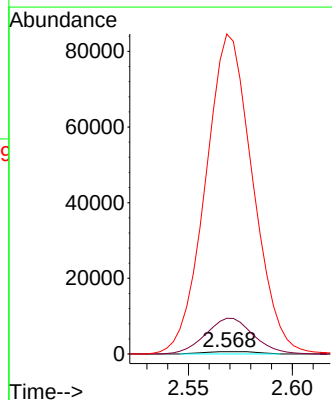
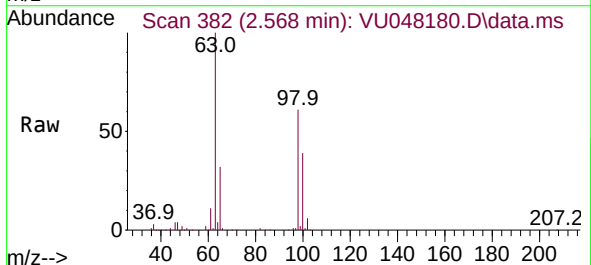
Instrument :
 MSVOA_U
 ClientSampleId :
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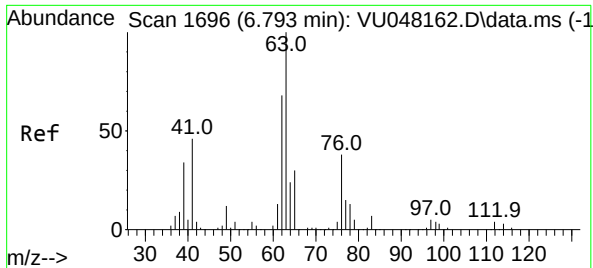
Tgt Ion:101 Resp: 1171
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.506 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048180.D
 Acq: 21 Apr 2022 18:04

Tgt Ion: 96 Resp: 1094
 Ion Ratio Lower Upper
 96 100
 61 1537.4 113.1 210.1#
 63 13757.4 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.449 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048180.D

Acq: 21 Apr 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

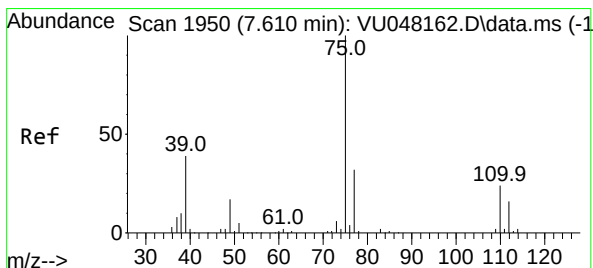
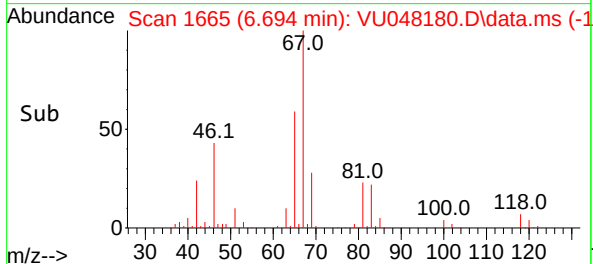
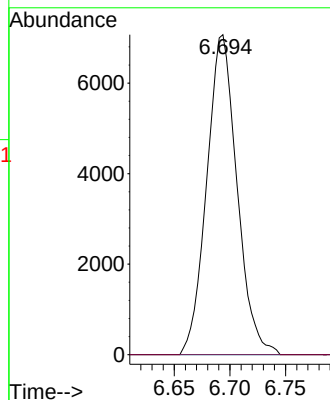
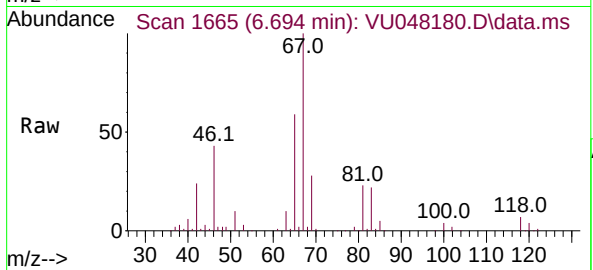
C0J29

Tgt Ion: 63 Resp: 13372

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.703 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048180.D

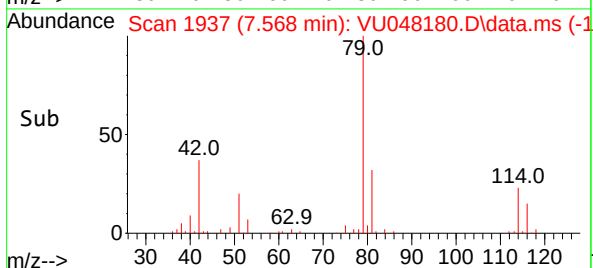
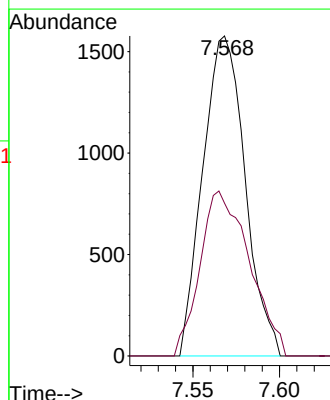
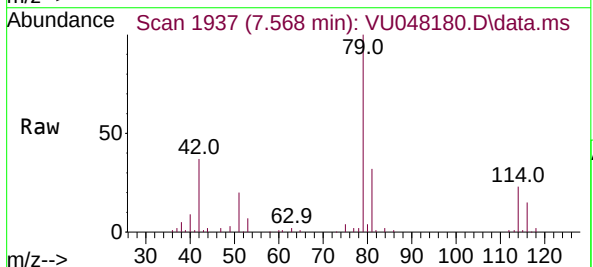
Acq: 21 Apr 2022 18:04

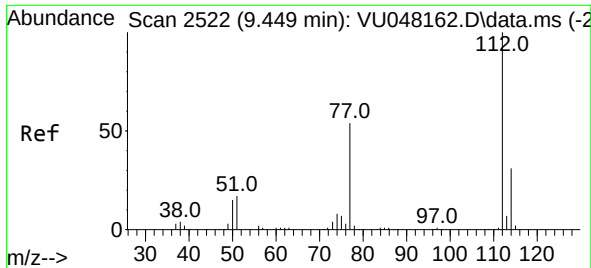
Tgt Ion: 75 Resp: 2678

Ion Ratio Lower Upper

75 100

77 47.7 21.8 40.6#

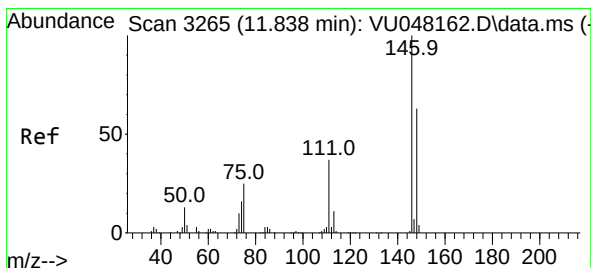
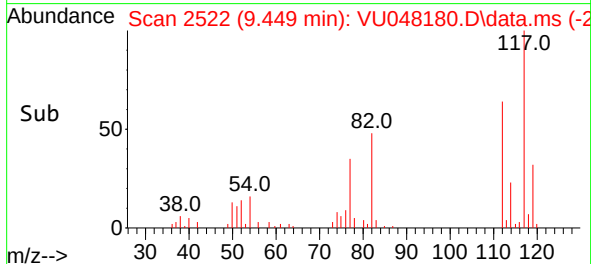
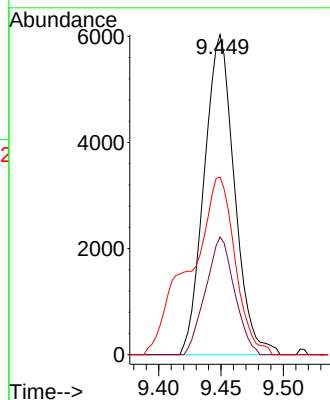
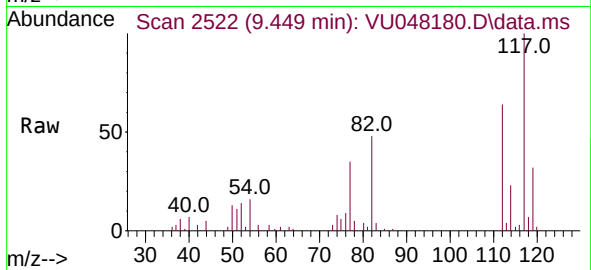




#51
Chlorobenzene
Concen: 1.419 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048180.D
Acq: 21 Apr 2022 18:04

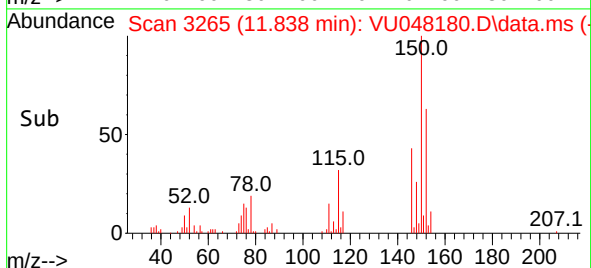
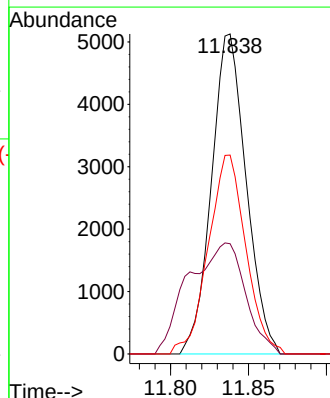
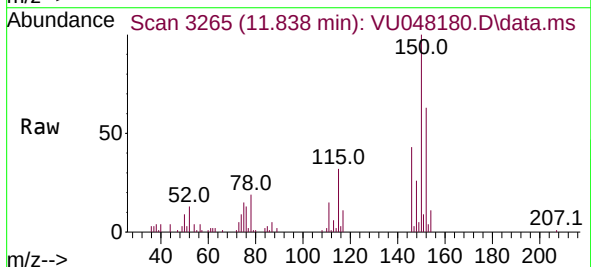
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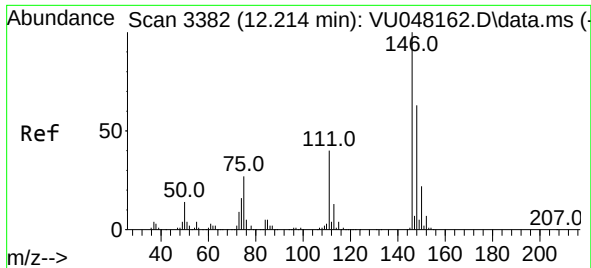
Tgt Ion:112 Resp: 10203
Ion Ratio Lower Upper
112 100
114 36.8 22.1 41.1
77 55.5 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 1.630 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048180.D
Acq: 21 Apr 2022 18:04

Tgt Ion:146 Resp: 7942
Ion Ratio Lower Upper
146 100
111 34.5 25.3 47.1
148 62.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 1.646 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048180.D

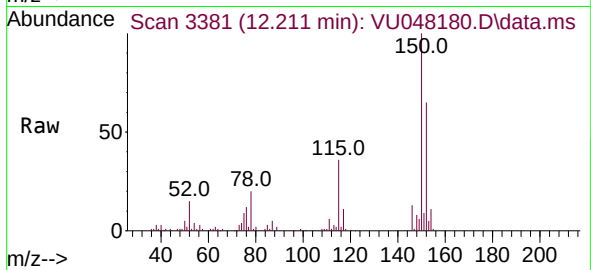
Acq: 21 Apr 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

C0J29



Tgt Ion:146 Resp: 7747

Ion Ratio Lower Upper

146 100

111 46.8 31.7 47.5

148 61.2 51.4 77.2

