

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048053.D
 Acq On : 14 Apr 2022 13:16
 Operator : SY/MD
 Sample : N2345-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J98

Quant Time: Apr 15 02:25:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

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

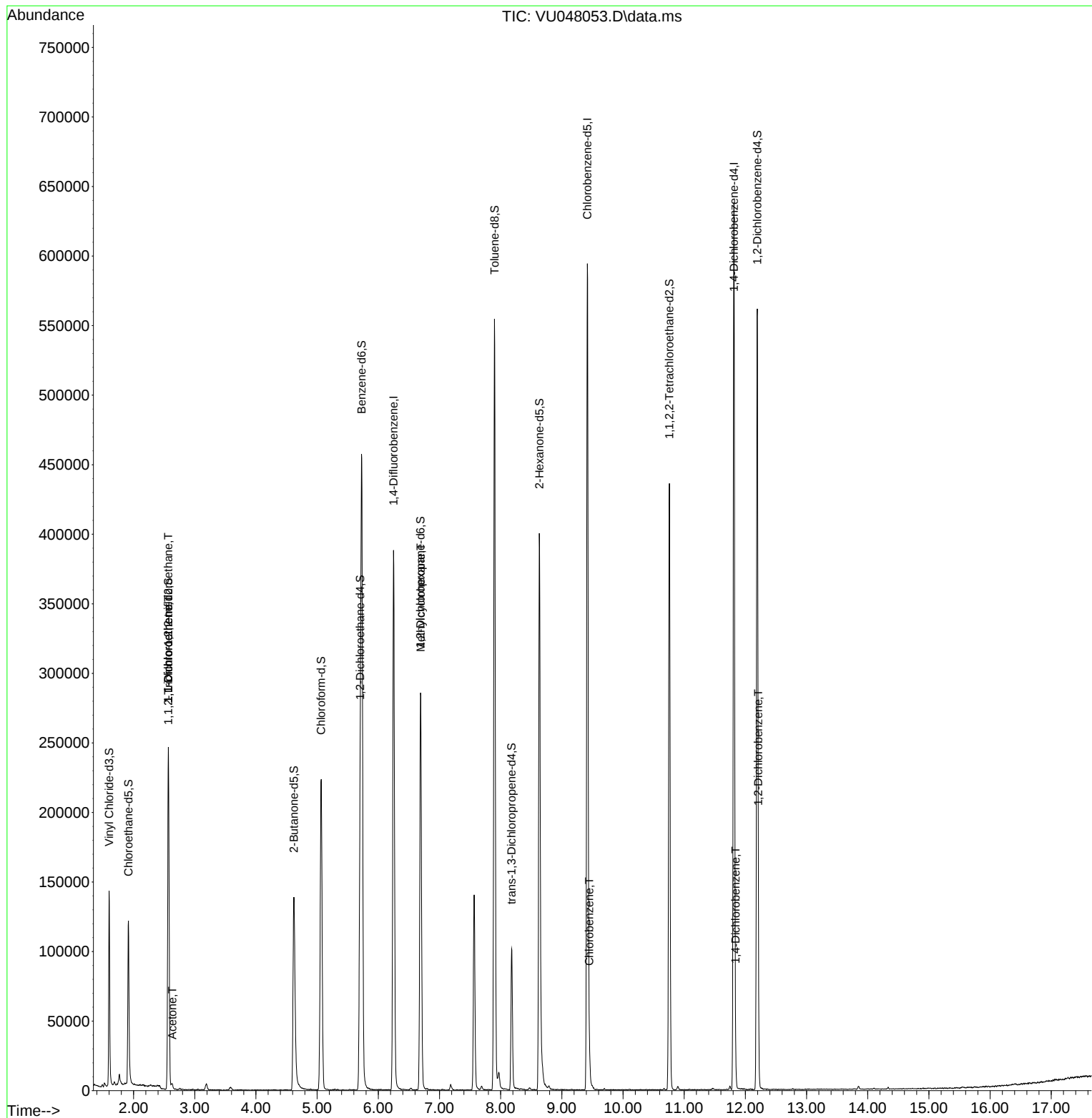
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	330116	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353203	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	178976	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	101959	42.591	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.180%
7) Chloroethane-d5	1.916	69	96234	50.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.960%
11) 1,1-Dichloroethene-d2	2.568	63	139627	31.880	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.760%
21) 2-Butanone-d5	4.620	46	202405	98.507	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.510%
24) Chloroform-d	5.067	84	210370	48.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.060%
26) 1,2-Dichloroethane-d4	5.703	65	139451	51.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.820%
32) Benzene-d6	5.729	84	428391	48.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.690	67	140008	51.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.600%
41) Toluene-d8	7.899	98	378044	43.658	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.320%
43) trans-1,3-Dichloroprop...	8.179	79	58468	42.282	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.560%
47) 2-Hexanone-d5	8.632	63	140616	88.005	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.000%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	217198	46.368	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.740%
66) 1,2-Dichlorobenzene-d4	12.195	152	160459	50.393	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.780%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1440	0.592	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1100	0.486	ug/L #	1
13) Acetone	2.633	43	5099	2.667	ug/L	91
35) Methylcyclohexane	6.694	83	32614	7.998	ug/L #	21
51) Chlorobenzene	9.446	112	12713	1.669	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	6466	1.161	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	4955	0.921	ug/L #	93

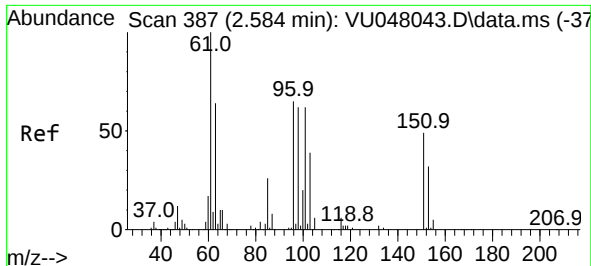
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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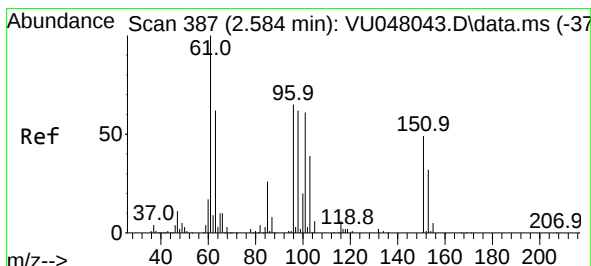
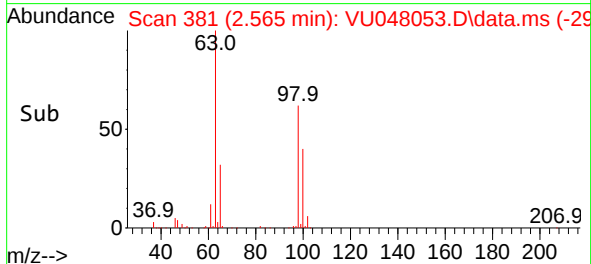
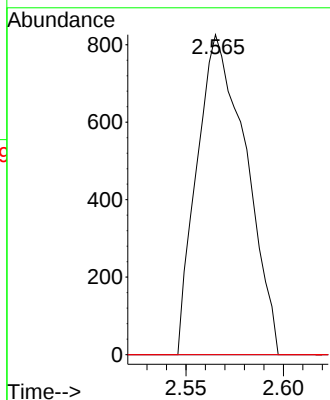
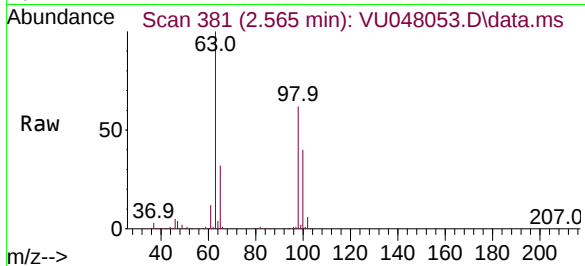




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.592 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.019 min
Lab File: VU048053.D
Acq: 14 Apr 2022 13:16

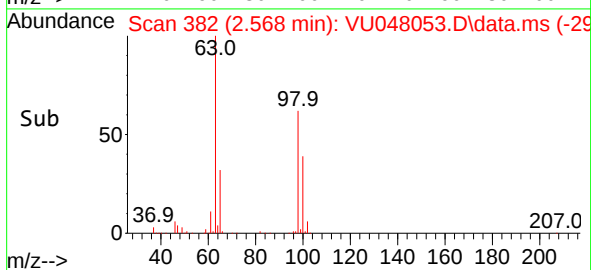
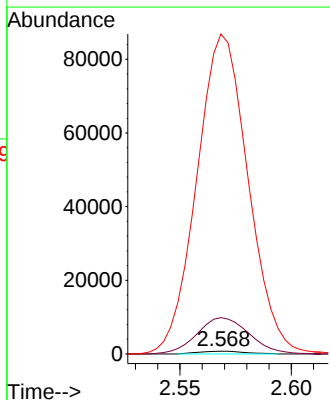
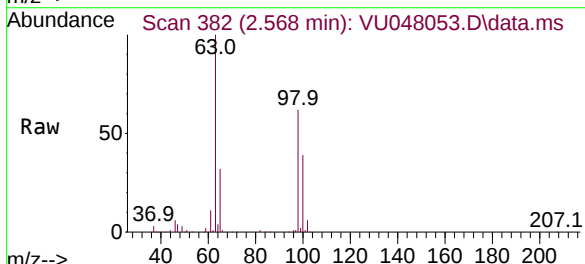
Instrument :
MSVOA_U
ClientSampleId :
C0J98

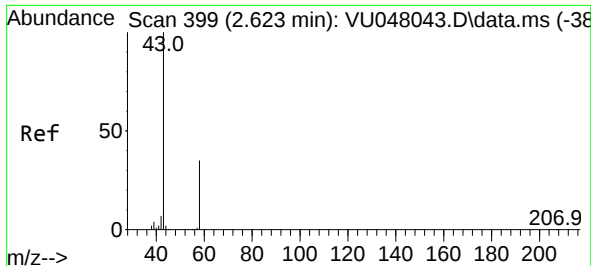
Tgt Ion:101 Resp: 1440
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.486 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU048053.D
Acq: 14 Apr 2022 13:16

Tgt Ion: 96 Resp: 1100
Ion Ratio Lower Upper
96 100
61 1317.9 113.1 210.1#
63 11630.5 94.8 176.0#





#13

Acetone

Concen: 2.667 ug/L

RT: 2.633 min Scan# 402

Delta R.T. 0.010 min

Lab File: VU048053.D

Acq: 14 Apr 2022 13:16

Instrument :

MSVOA_U

ClientSampleId :

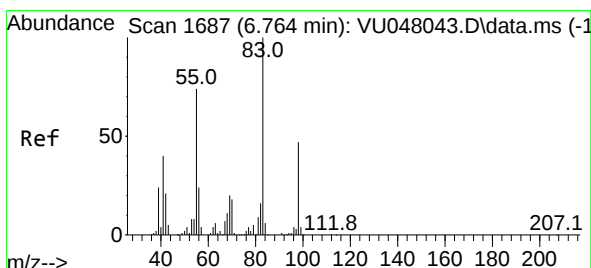
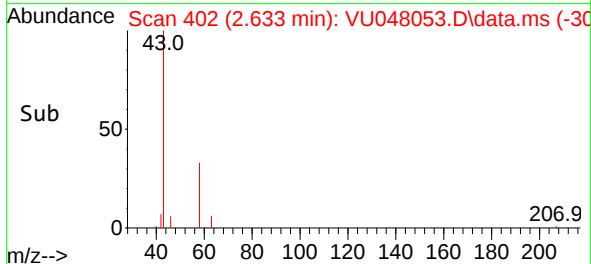
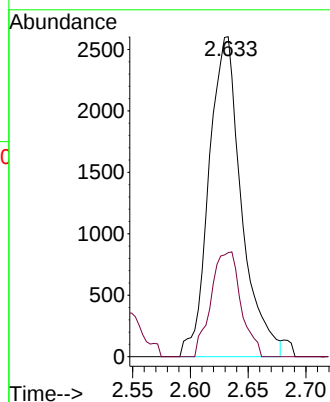
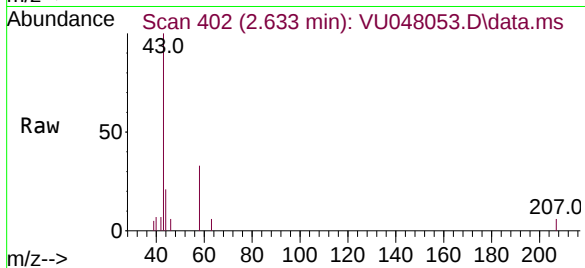
C0J98

Tgt Ion: 43 Resp: 5099

Ion Ratio Lower Upper

43 100

58 30.1 0.0 70.0



#35

Methylcyclohexane

Concen: 7.998 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU048053.D

Acq: 14 Apr 2022 13:16

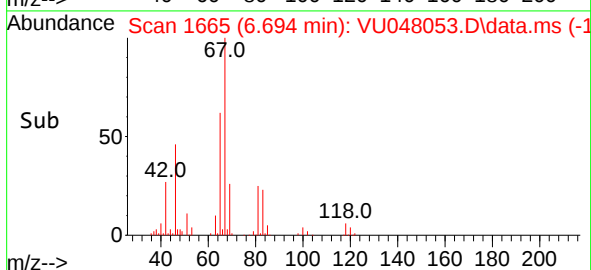
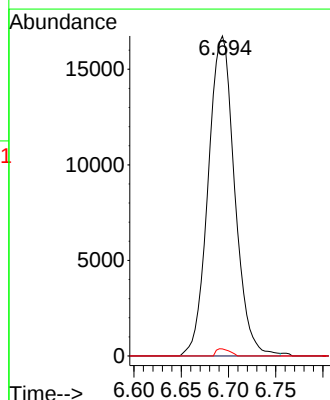
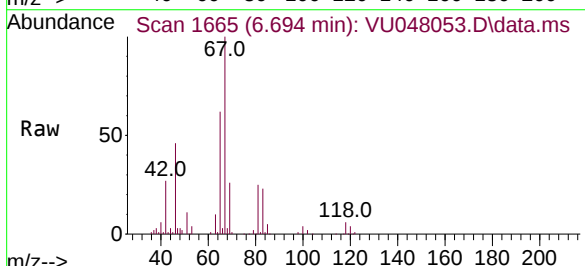
Tgt Ion: 83 Resp: 32614

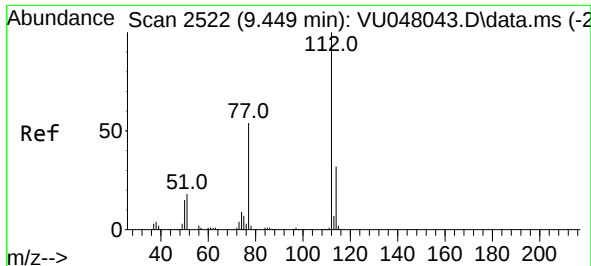
Ion Ratio Lower Upper

83 100

55 0.0 56.8 85.2#

98 1.2 38.1 57.1#

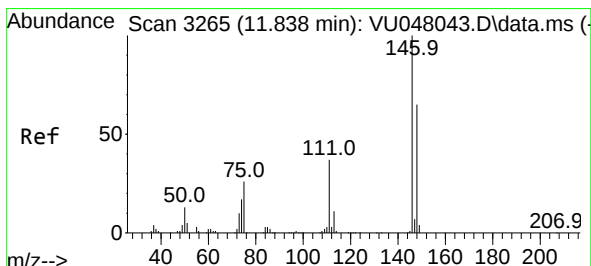
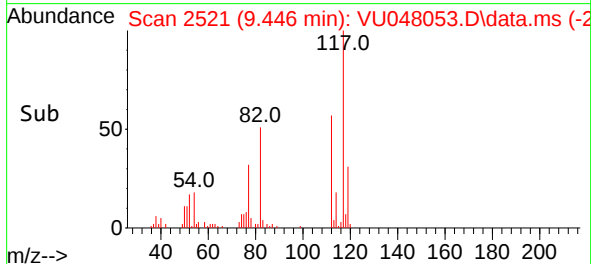
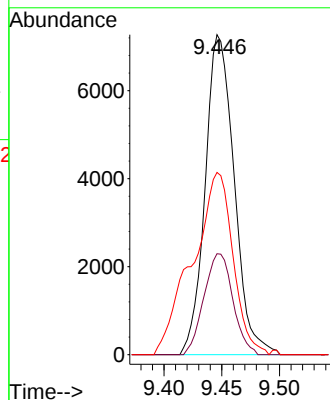
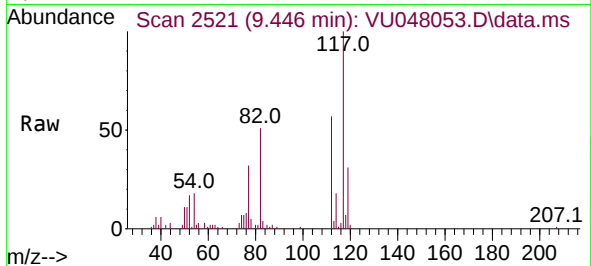




#51
Chlorobenzene
Concen: 1.669 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048053.D
Acq: 14 Apr 2022 13:16

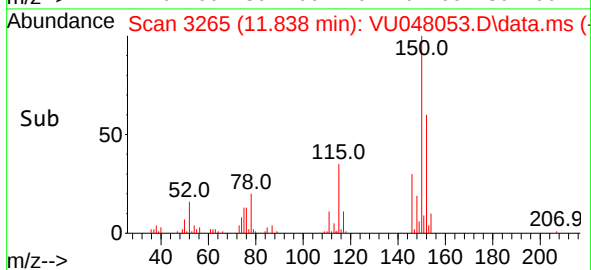
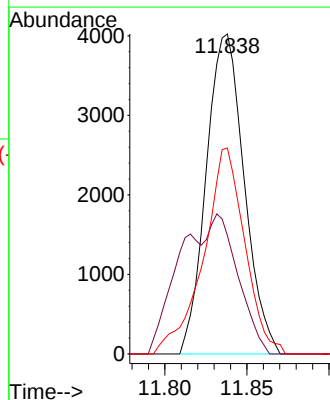
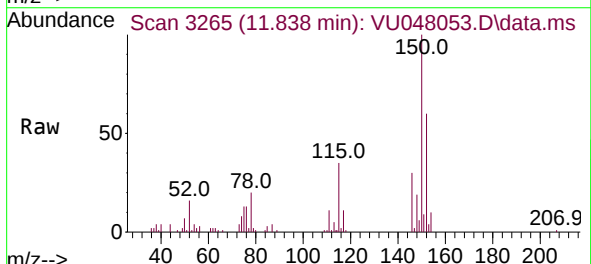
Instrument :
MSVOA_U
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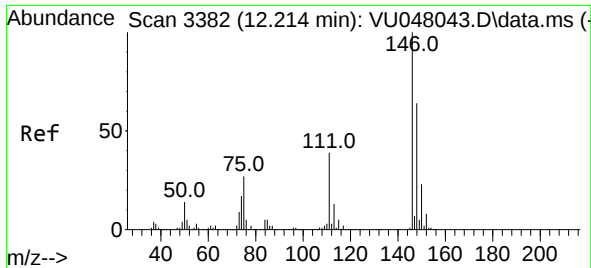
Tgt Ion:112 Resp: 12713
Ion Ratio Lower Upper
112 100
114 31.5 22.1 41.1
77 57.0 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 1.161 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048053.D
Acq: 14 Apr 2022 13:16

Tgt Ion:146 Resp: 6466
Ion Ratio Lower Upper
146 100
111 37.0 25.3 47.1
148 64.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 0.921 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048053.D

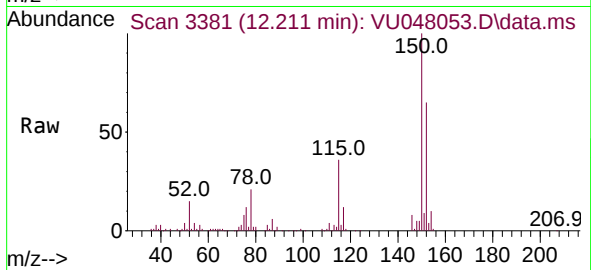
Acq: 14 Apr 2022 13:16

Instrument :

MSVOA_U

ClientSampleId :

C0J98



Tgt Ion:	146	Resp:	4955
Ion Ratio	Lower	Upper	
146	100		
111	49.0	31.7	47.5#
148	65.5	51.4	77.2

