

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048003.D
 Acq On : 13 Apr 2022 15:02
 Operator : SY/MD
 Sample : N2345-17 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB0

Quant Time: Apr 14 03:08:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 02:49:33 2022
 Response via : Initial Calibration

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

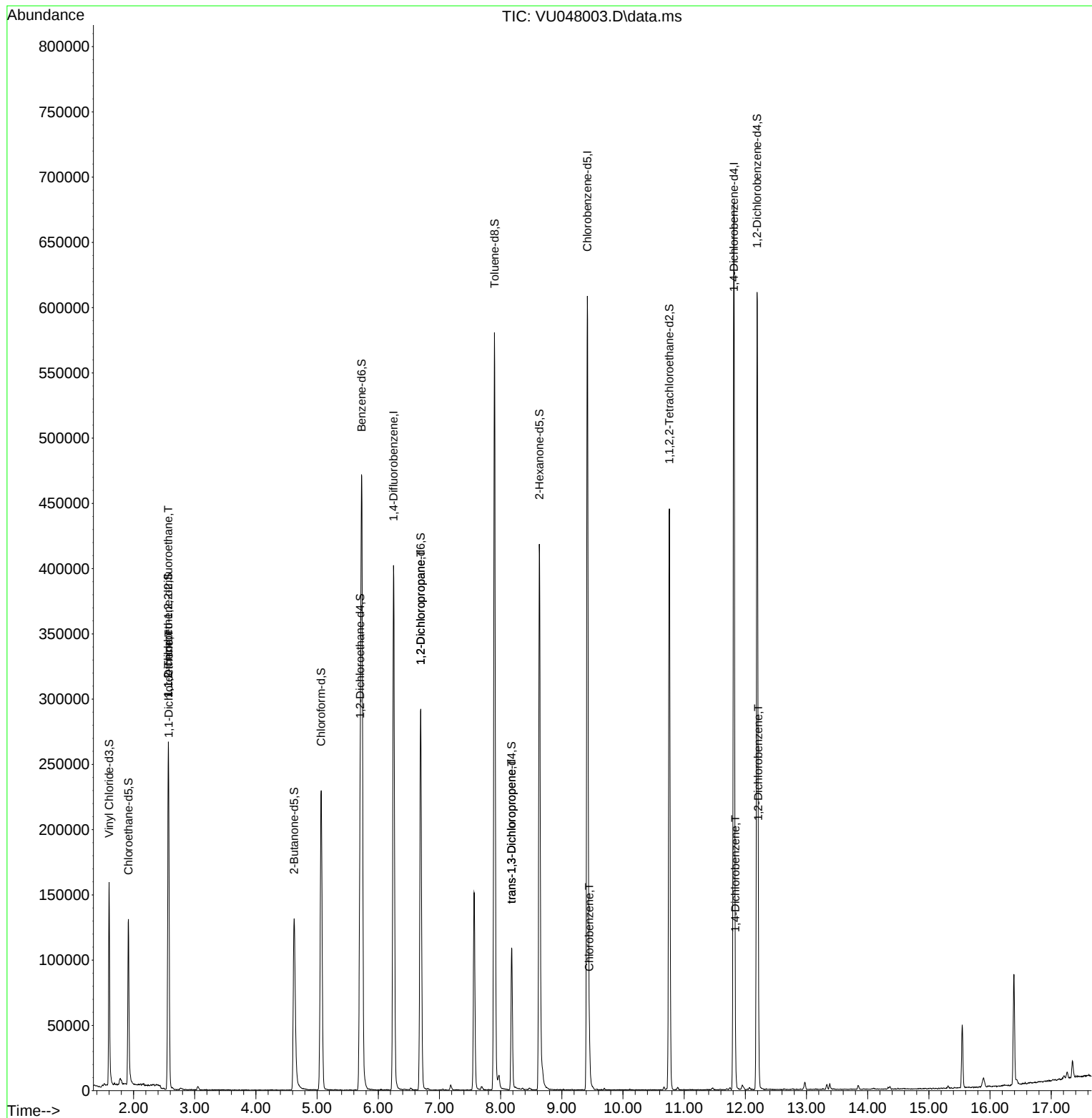
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	343150	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	359799	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	190529	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	117221	47.107	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.220%
7) Chloroethane-d5	1.916	69	101083	51.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.040%
11) 1,1-Dichloroethene-d2	2.569	63	152750	33.551	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.100%
21) 2-Butanone-d5	4.623	46	196868	92.173	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.170%
24) Chloroform-d	5.067	84	213648	46.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.840%
26) 1,2-Dichloroethane-d4	5.704	65	141025	50.501	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.000%
32) Benzene-d6	5.729	84	446886	49.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.720%
36) 1,2-Dichloropropane-d6	6.694	67	142457	51.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.480%
41) Toluene-d8	7.900	98	394611	44.736	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.480%
43) trans-1,3-Dichloroprop...	8.179	79	61499	43.659	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.320%
47) 2-Hexanone-d5	8.633	63	146705	90.132	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.130%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	219198	45.937	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.880%
66) 1,2-Dichlorobenzene-d4	12.192	152	173233	51.106	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.220%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	1448	0.573	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	1215	0.516	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	15016	5.672	ug/L #	87
44) trans-1,3-Dichloropropene	8.179	75	2602	0.634	ug/L #	82
51) Chlorobenzene	9.449	112	19421	2.503	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	4648	0.784	ug/L	89
67) 1,2-Dichlorobenzene	12.211	146	6283	1.097	ug/L #	90

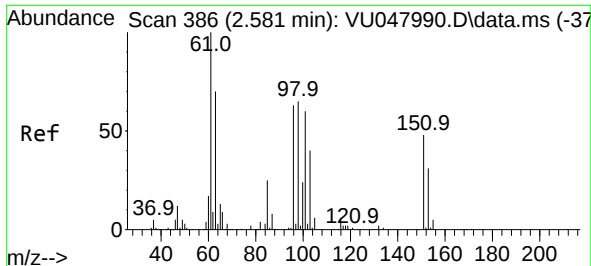
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.573 ug/L

RT: 2.569 min Scan# 382

Delta R.T. -0.013 min

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Instrument :

MSVOA_U

ClientSampleId :

C0JB0

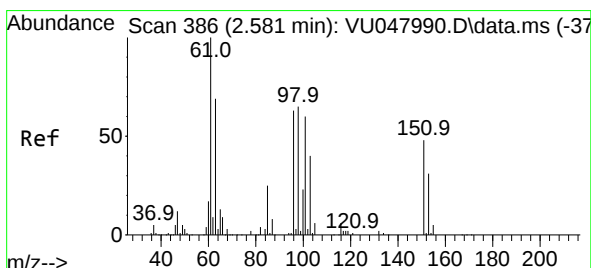
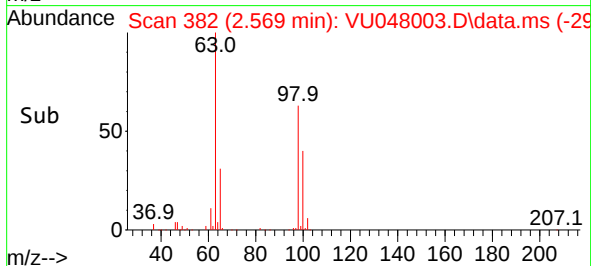
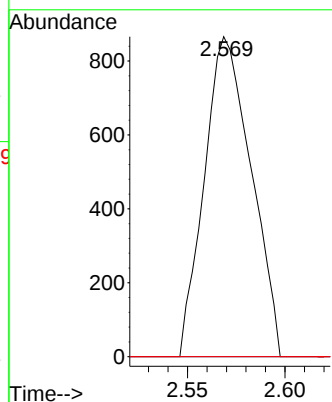
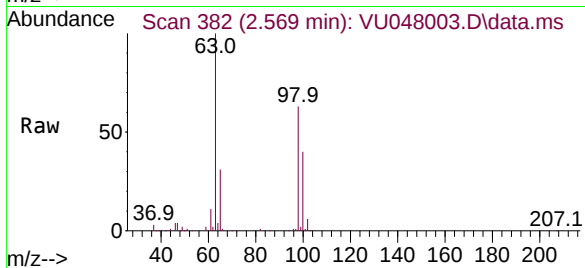
Tgt Ion:101 Resp: 1448

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: 0.516 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.006 min

Lab File: VU048003.D

Acq: 13 Apr 2022 15:02

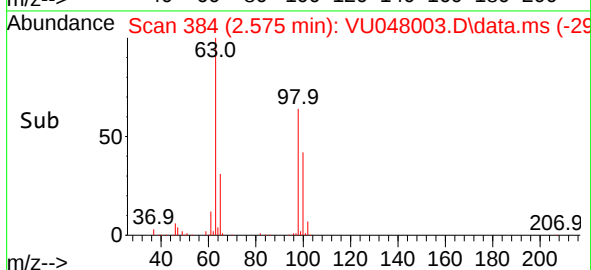
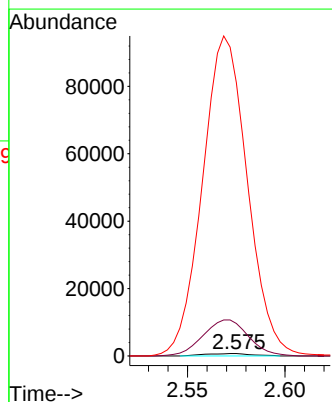
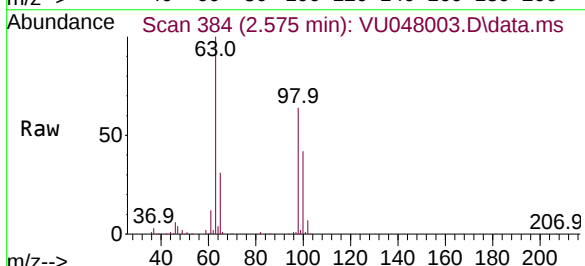
Tgt Ion: 96 Resp: 1215

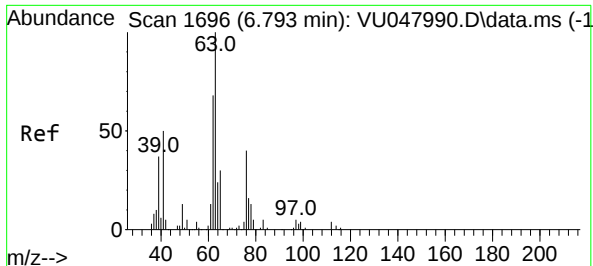
Ion Ratio Lower Upper

96 100

61 1341.0 113.1 210.1#

63 11263.3 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.672 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU048003.D

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Instrument :

MSVOA_U

ClientSampleId :

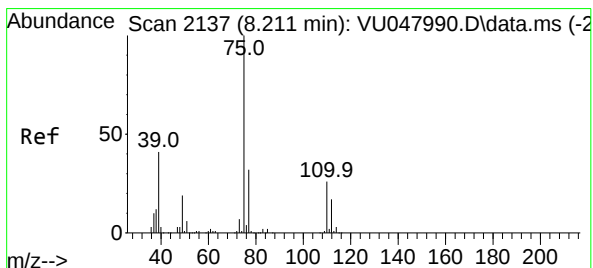
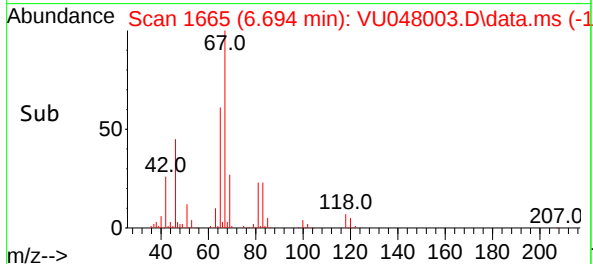
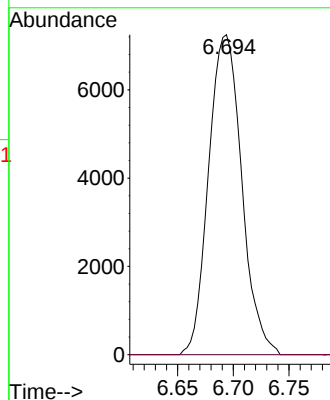
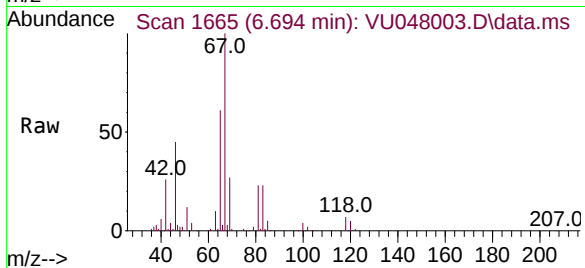
C0JB0

Tgt Ion: 63 Resp: 15016

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#44

trans-1,3-Dichloropropene

Concen: 0.634 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048003.D

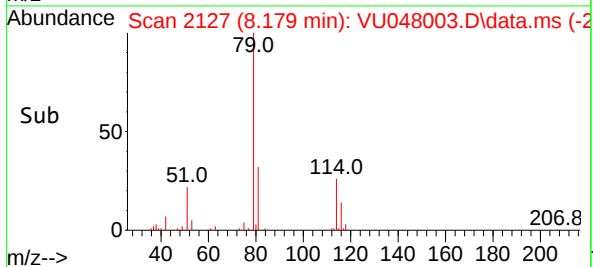
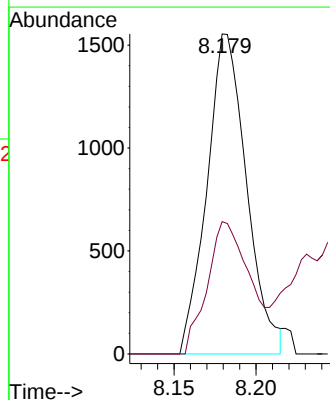
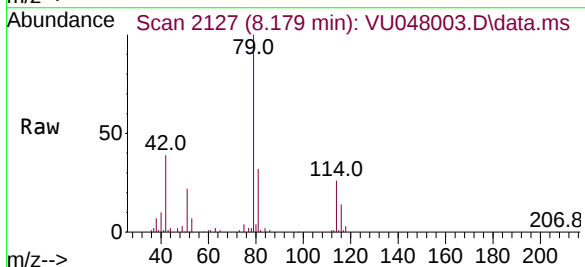
Acq: 13 Apr 2022 15:02

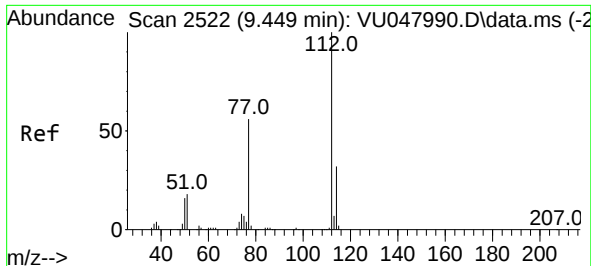
Tgt Ion: 75 Resp: 2602

Ion Ratio Lower Upper

75 100

77 41.3 22.0 40.8#

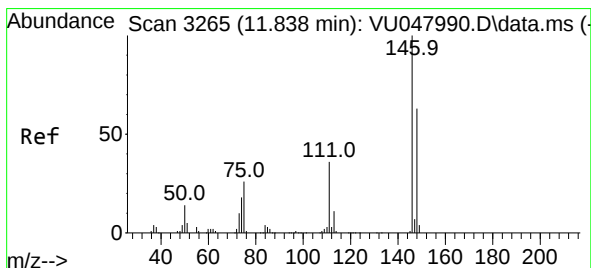
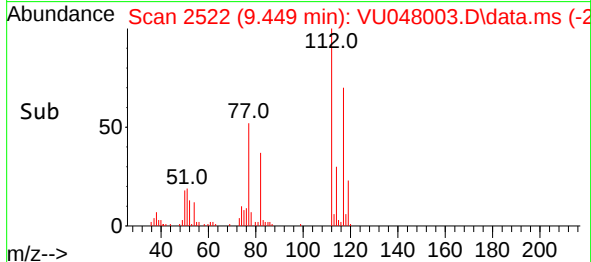
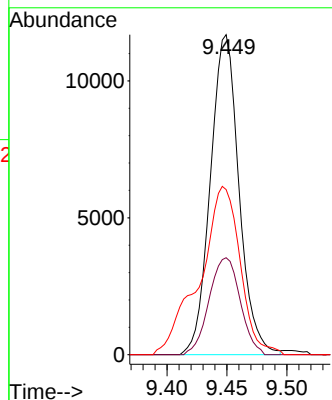
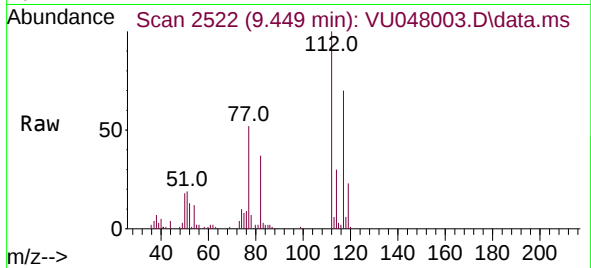




#51
Chlorobenzene
Concen: 2.503 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048003.D
Acq: 13 Apr 2022 15:02

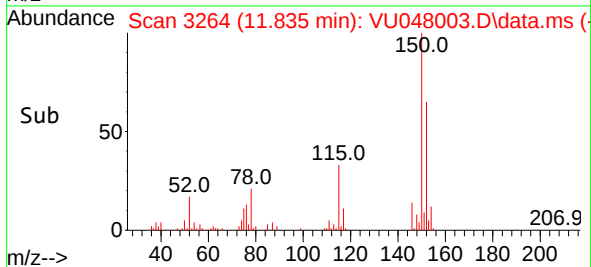
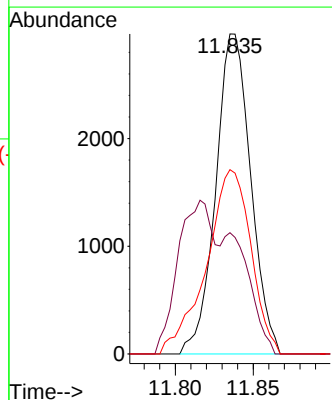
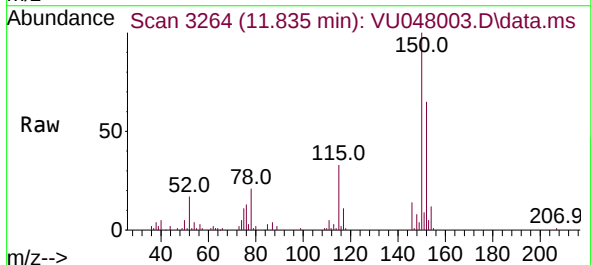
Instrument :
MSVOA_U
ClientSampleId :
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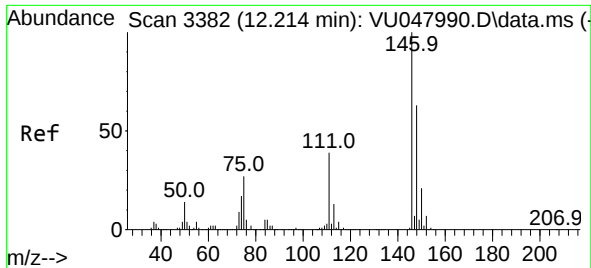
Tgt Ion:112 Resp: 19421
Ion Ratio Lower Upper
112 100
114 30.3 22.1 41.1
77 51.6 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 0.784 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048003.D
Acq: 13 Apr 2022 15:02

Tgt Ion:146 Resp: 4648
Ion Ratio Lower Upper
146 100
111 41.7 25.3 47.1
148 54.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 1.097 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048003.D

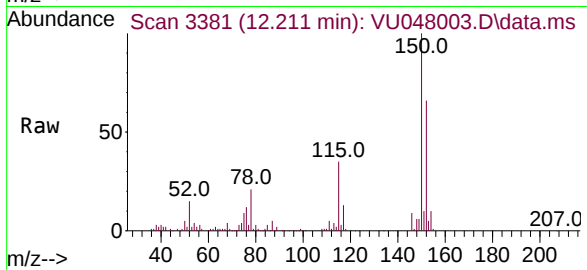
Acq: 13 Apr 2022 15:02

Instrument :

MSVOA_U

ClientSampleId :

C0JB0



Tgt Ion:146 Resp: 6283

Ion Ratio Lower Upper

146 100

111 52.8 31.7 47.5#

148 62.6 51.4 77.2

