

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048024.D
 Acq On : 13 Apr 2022 23:31
 Operator : SY/MD
 Sample : N2386-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY7

Quant Time: Apr 14 07:18:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

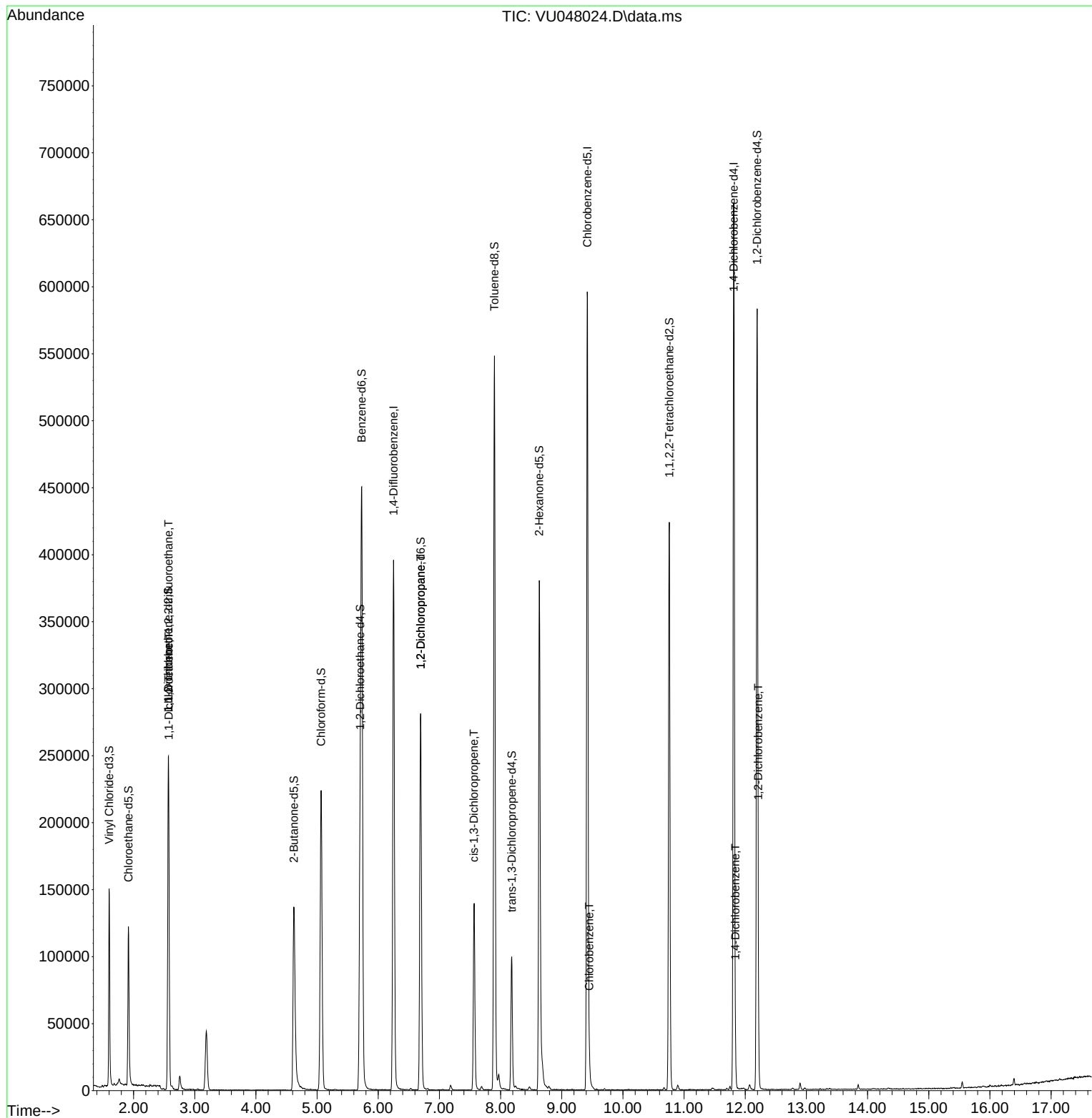
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	338864	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	358625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	185724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	107619	43.795	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.600%
7) Chloroethane-d5	1.915	69	93584	48.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.568	63	141428	31.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.920%
21) 2-Butanone-d5	4.620	46	193305	91.650	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.650%
24) Chloroform-d	5.066	84	208789	46.436	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.880%
26) 1,2-Dichloroethane-d4	5.703	65	134493	48.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.540%
32) Benzene-d6	5.729	84	421072	46.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.320%
36) 1,2-Dichloropropane-d6	6.693	67	138398	49.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.880%
41) Toluene-d8	7.899	98	375637	42.725	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.440%
43) trans-1,3-Dichloroprop...	8.182	79	56543	40.272	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.540%
47) 2-Hexanone-d5	8.632	63	137252	84.601	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	210973	44.358	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.720%
66) 1,2-Dichlorobenzene-d4	12.195	152	164906	49.908	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.820%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1251	0.501	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	1140	0.490	ug/L #	1
37) 1,2-Dichloropropane	6.693	63	14293	5.416	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	3053	0.746	ug/L #	56
51) Chlorobenzene	9.449	112	9043	1.169	ug/L	91
65) 1,4-Dichlorobenzene	11.838	146	6044	1.046	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	4834	0.866	ug/L #	88

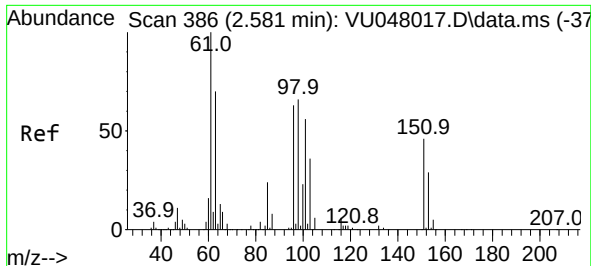
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.501 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.010 min

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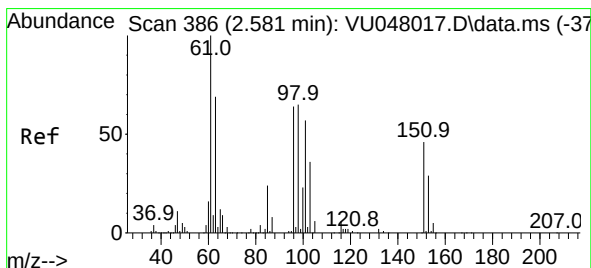
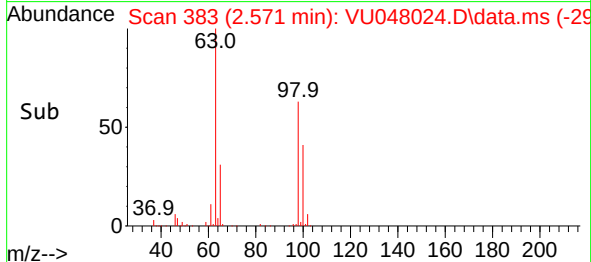
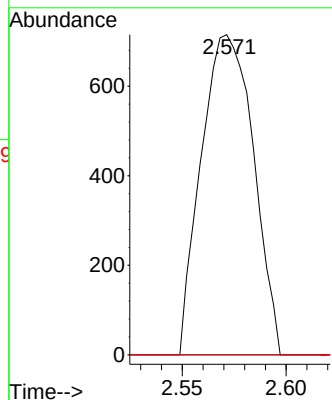
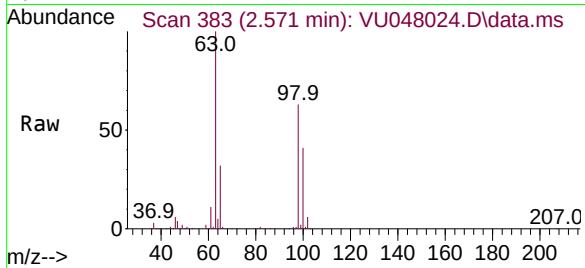
Tgt Ion:101 Resp: 1251

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: 0.490 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.007 min

Lab File: VU048024.D

Acq: 13 Apr 2022 23:31

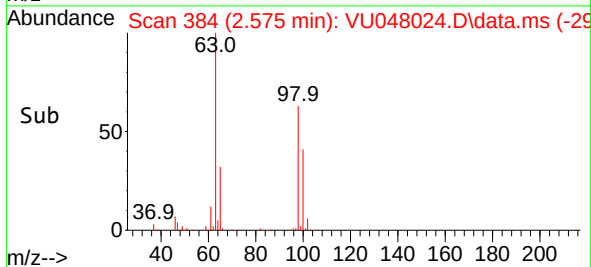
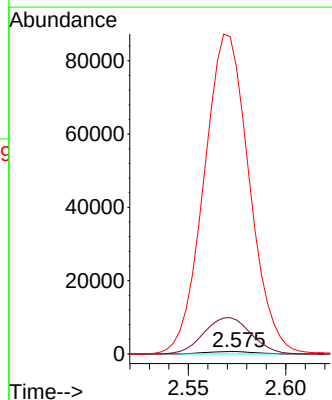
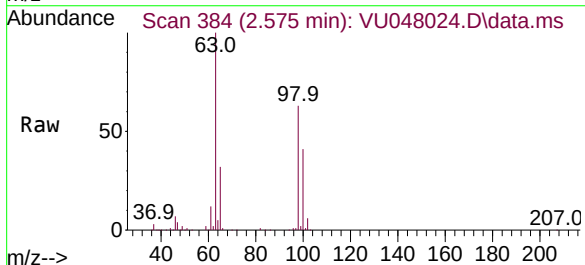
Tgt Ion: 96 Resp: 1140

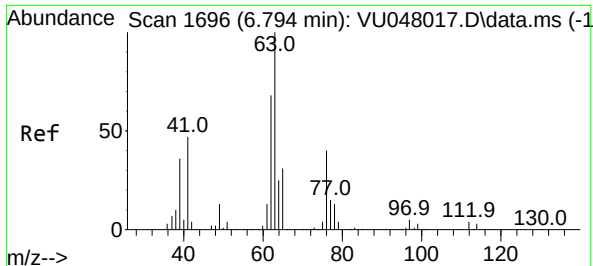
Ion Ratio Lower Upper

96 100

61 1425.6 113.1 210.1#

63 12027.0 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.416 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048024.D

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Instrument :

MSVOA_U

ClientSampleId :

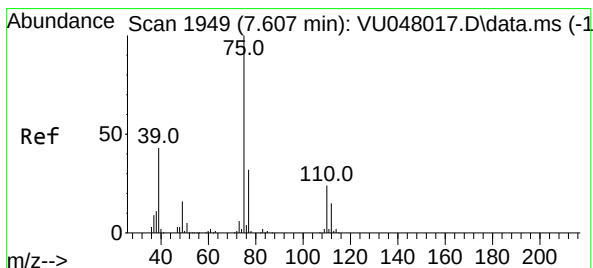
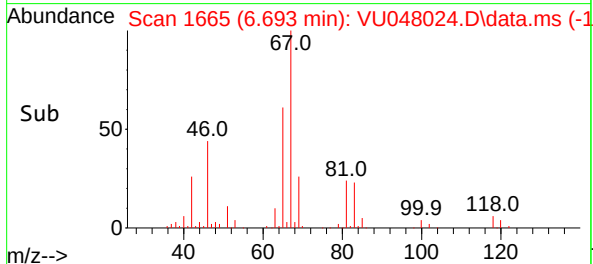
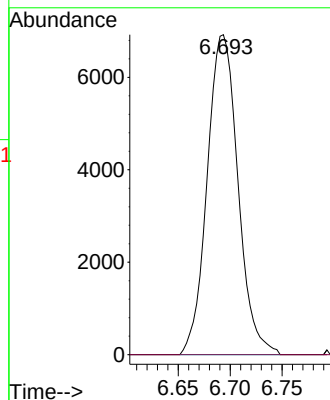
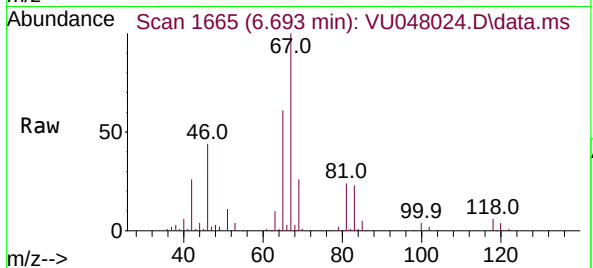
C0HY7

Tgt Ion: 63 Resp: 14293

Ion Ratio Lower Upper

63 100

112 0.6 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.746 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU048024.D

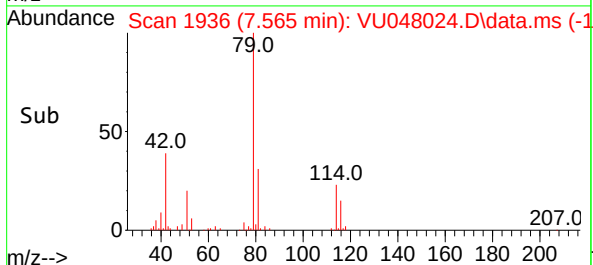
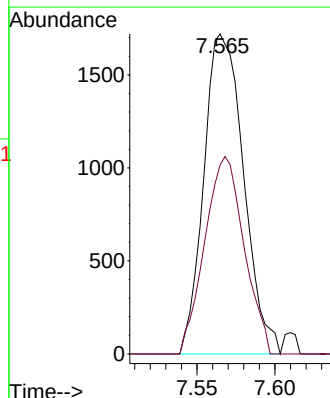
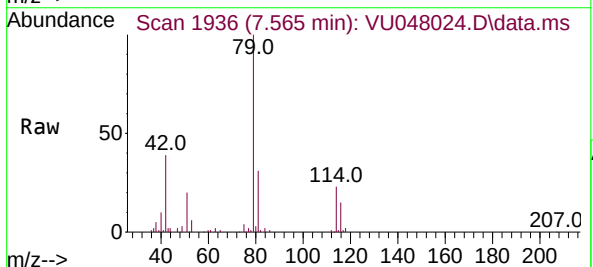
Acq: 13 Apr 2022 23:31

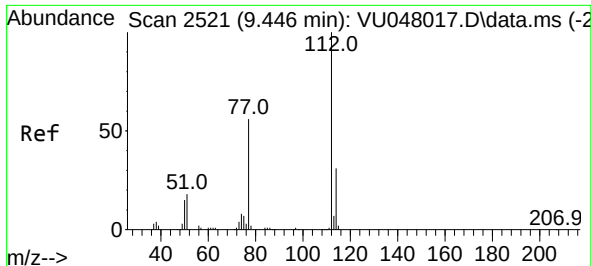
Tgt Ion: 75 Resp: 3053

Ion Ratio Lower Upper

75 100

77 55.6 21.8 40.6#

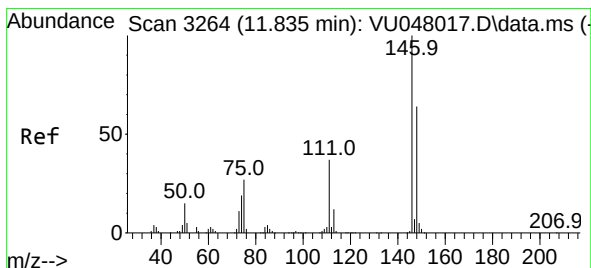
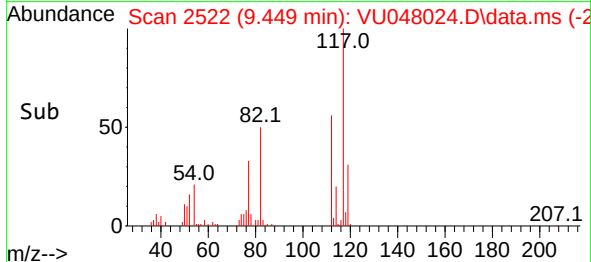
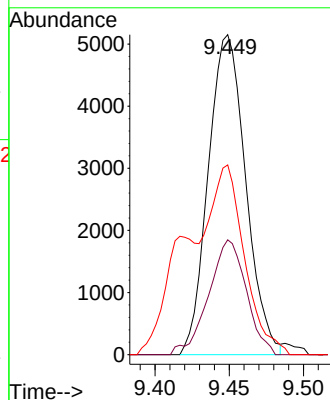
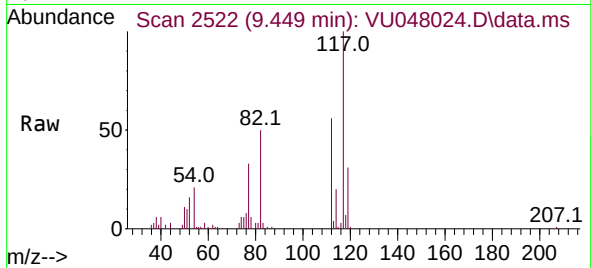




#51
Chlorobenzene
Concen: 1.169 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048024.D
Acq: 13 Apr 2022 23:31

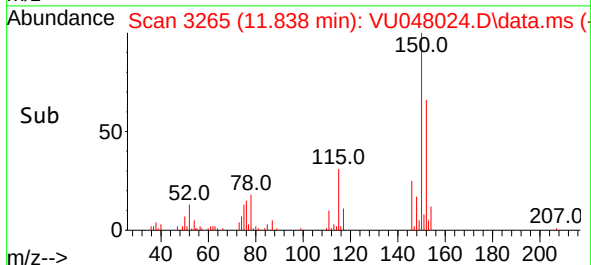
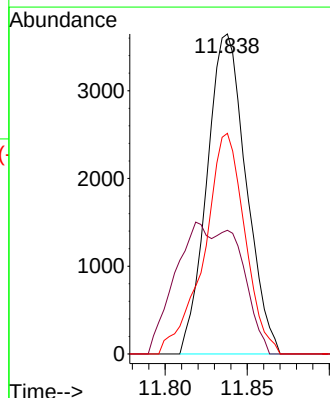
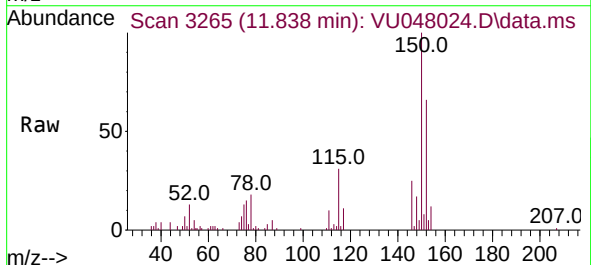
Instrument :
MSVOA_U
ClientSampleId :
C0HY7

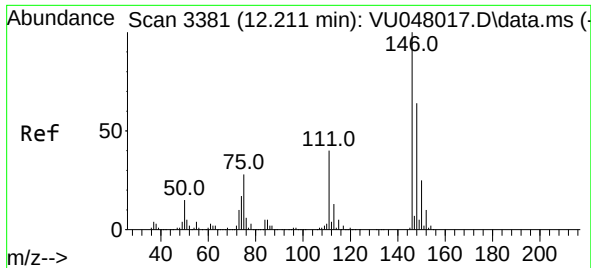
Tgt Ion:112 Resp: 9043
Ion Ratio Lower Upper
112 100
114 38.2 22.1 41.1
77 59.3 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 1.046 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048024.D
Acq: 13 Apr 2022 23:31

Tgt Ion:146 Resp: 6044
Ion Ratio Lower Upper
146 100
111 38.6 25.3 47.1
148 69.0 44.5 82.7





#67
 1,2-Dichlorobenzene
 Concen: 0.866 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU048024.D
 Acq: 13 Apr 2022 23:31

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY7

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.8	31.7	47.5#
148	58.0	51.4	77.2

