

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047983.D
 Acq On : 13 Apr 2022 01:56
 Operator : SY/MD
 Sample : N2345-15 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 04:53:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

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

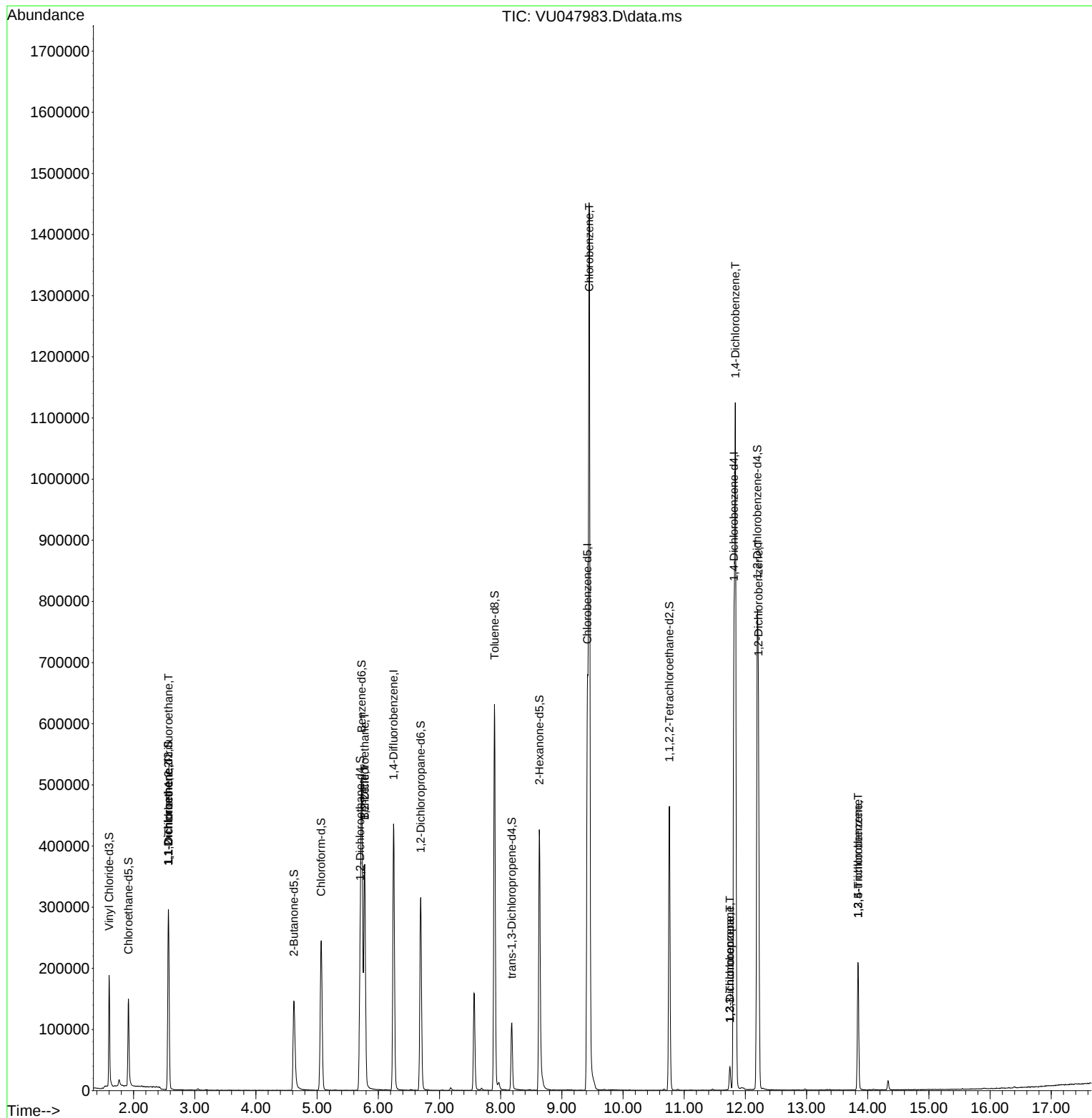
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	371952	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	377893	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	197044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	133343	49.436	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.880%
7) Chloroethane-d5	1.916	69	113959	53.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.160%
11) 1,1-Dichloroethene-d2	2.568	63	166784	33.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.600%
21) 2-Butanone-d5	4.620	46	213795	92.347	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.350%
24) Chloroform-d	5.066	84	232981	47.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.420%
26) 1,2-Dichloroethane-d4	5.703	65	150482	49.715	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.420%
32) Benzene-d6	5.729	84	487111	51.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.460%
36) 1,2-Dichloropropane-d6	6.693	67	153975	52.727	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.460%
41) Toluene-d8	7.899	98	430376	46.455	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
43) trans-1,3-Dichloroprop...	8.182	79	62973	42.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.120%
47) 2-Hexanone-d5	8.632	63	155532	90.980	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	228745	45.643	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.280%
66) 1,2-Dichlorobenzene-d4	12.195	152	181253	51.704	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1557	0.568	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1285	0.504	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	2905	0.736	ug/L #	75
33) Benzene	5.777	78	361089	33.012	ug/L	100
51) Chlorobenzene	9.449	112	834691	102.427	ug/L	98
60) 1,2,3-Trichloropropane	11.745	75	4887	1.316	ug/L #	46
64) 1,3-Dichlorobenzene	11.748	146	17277	2.919	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	446277	72.791	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	225913	38.144	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	71552	14.884	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	71552	16.993	ug/L	99

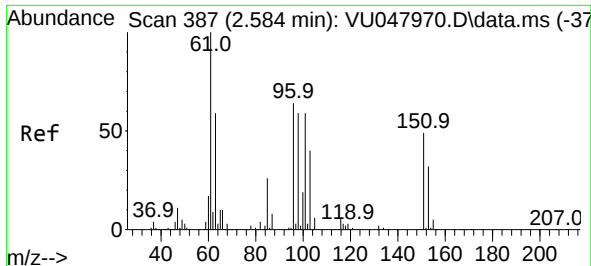
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.568 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU047983.D

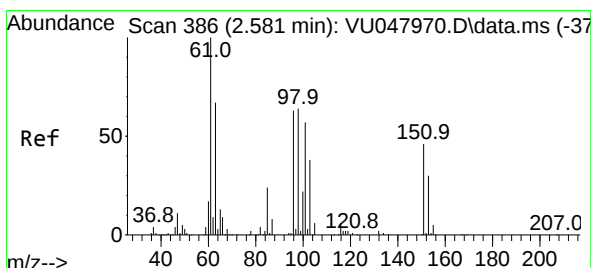
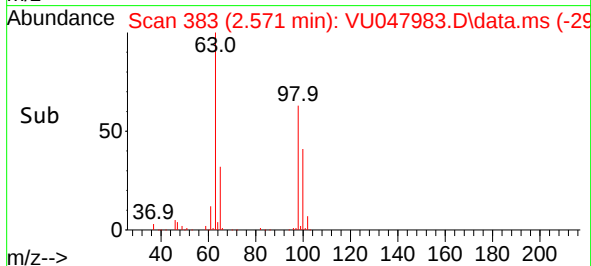
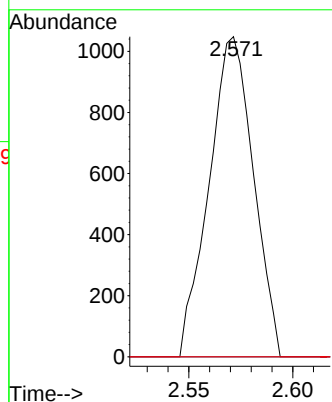
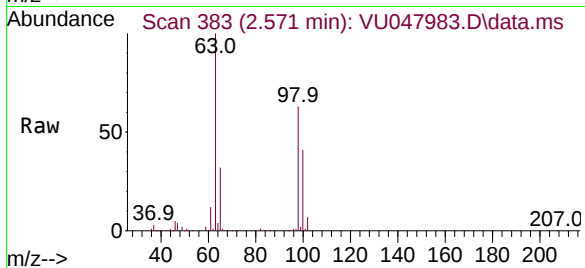
Acq: 13 Apr 2022 01:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	1557
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: 0.504 ug/L

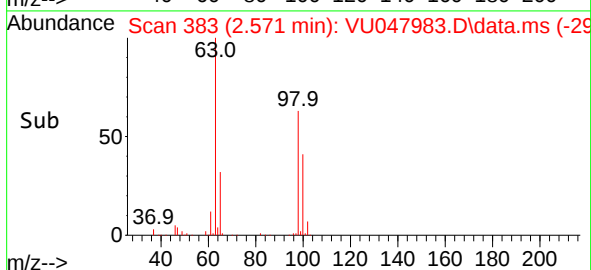
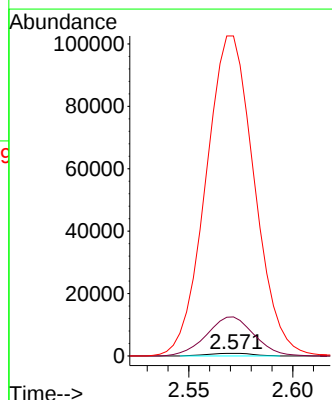
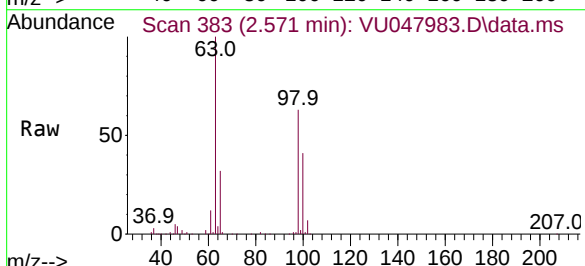
RT: 2.571 min Scan# 383

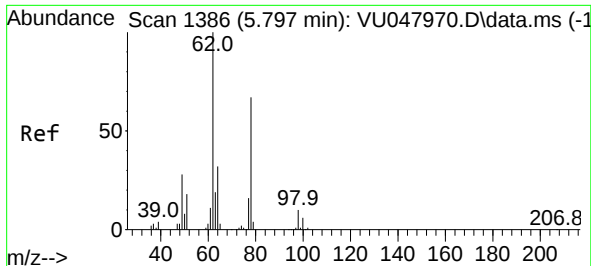
Delta R.T. -0.010 min

Lab File: VU047983.D

Acq: 13 Apr 2022 01:56

Tgt Ion: 96	Resp:	1285
Ion Ratio	Lower	Upper
96	100	
61	1534.1	113.1 210.1#
63	12566.7	94.8 176.0#





#27

1,2-Dichloroethane

Concen: 0.736 ug/L

RT: 5.777 min Scan# 1

Delta R.T. -0.019 min

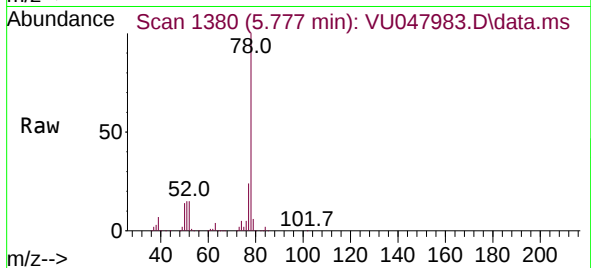
Lab File: VU047983.D

Acq: 13 Apr 2022 01:56

Instrument :

MSVOA_U

ClientSampleId :

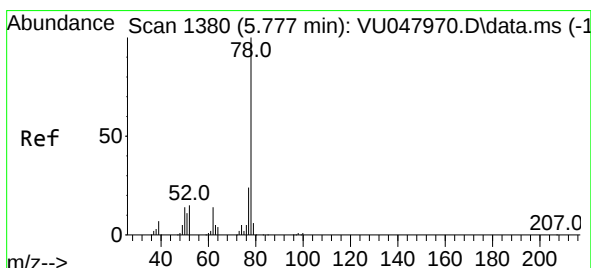
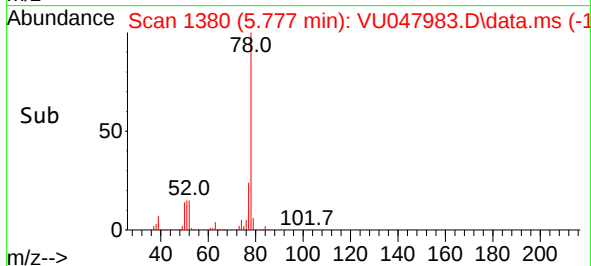
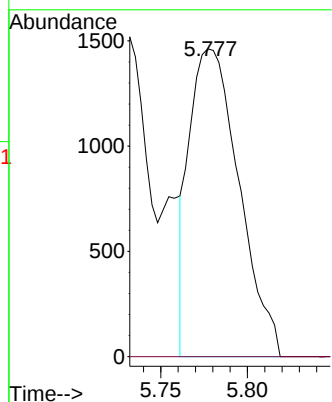


Tgt Ion: 62 Resp: 2905

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 33.012 ug/L

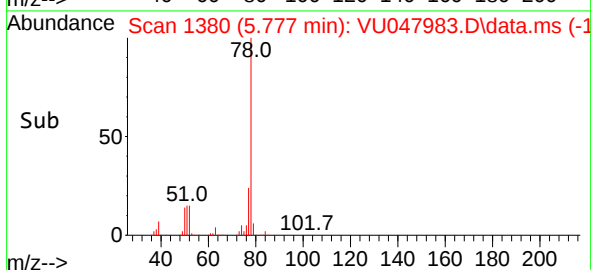
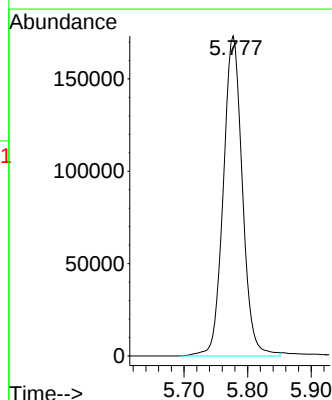
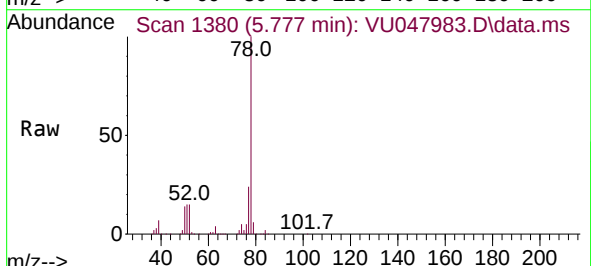
RT: 5.777 min Scan# 1380

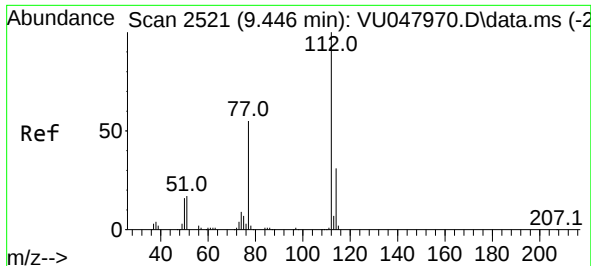
Delta R.T. -0.000 min

Lab File: VU047983.D

Acq: 13 Apr 2022 01:56

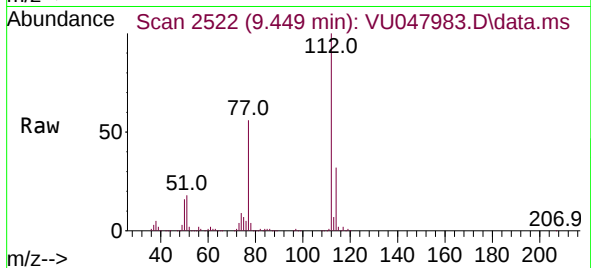
Tgt Ion: 78 Resp: 361089



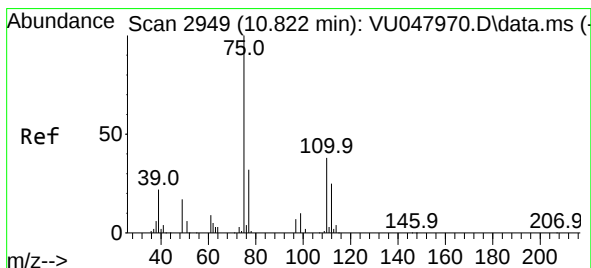
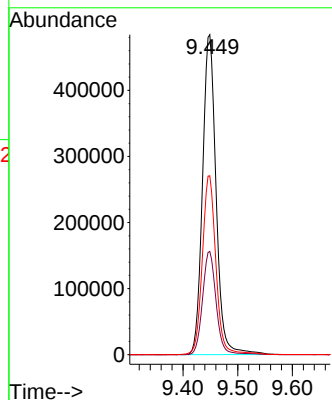
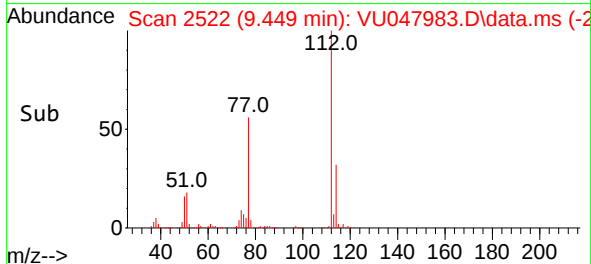


#51
Chlorobenzene
Concen: 102.427 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047983.D
Acq: 13 Apr 2022 01:56

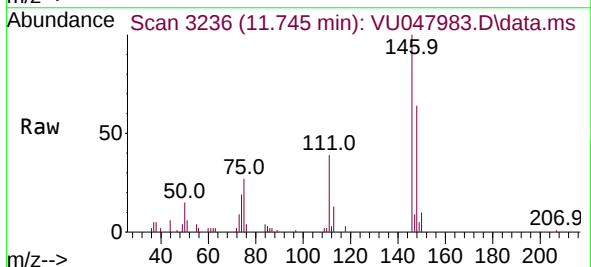
Instrument :
MSVOA_U
ClientSampleId :



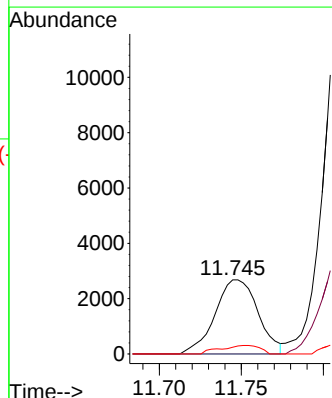
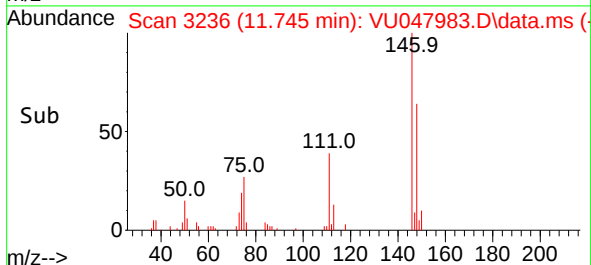
Tgt Ion:112 Resp: 834691
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 55.9 43.4 65.0

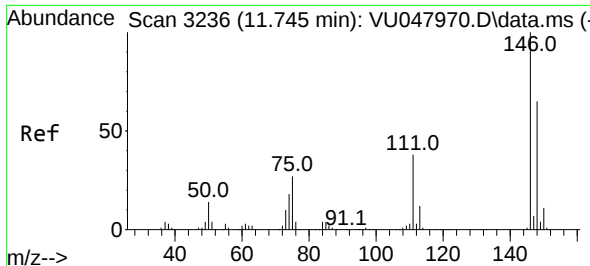


#60
1,2,3-Trichloropropane
Concen: 1.316 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU047983.D
Acq: 13 Apr 2022 01:56



Tgt Ion: 75 Resp: 4887
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 7.9 31.4 47.2#

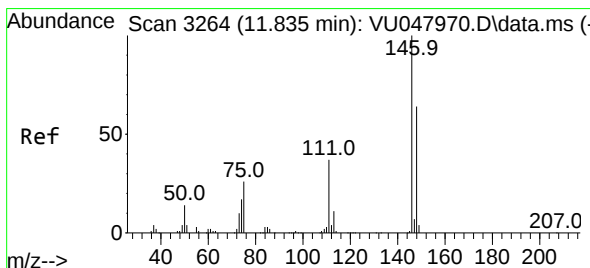
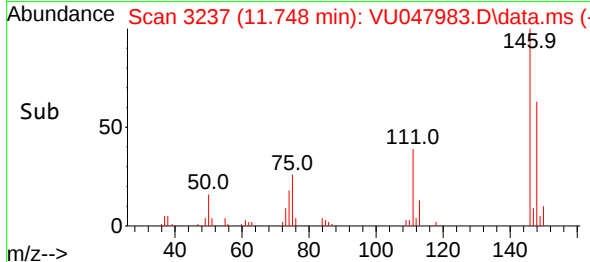
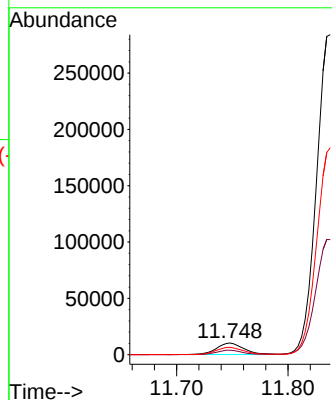
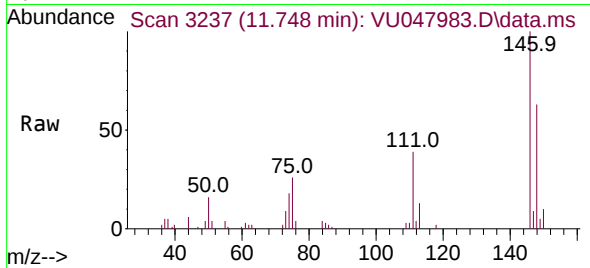




#64
1,3-Dichlorobenzene
Concen: 2.919 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047983.D
Acq: 13 Apr 2022 01:56

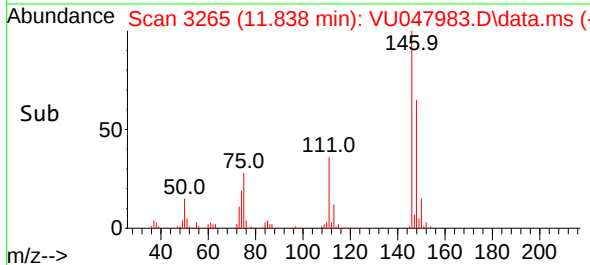
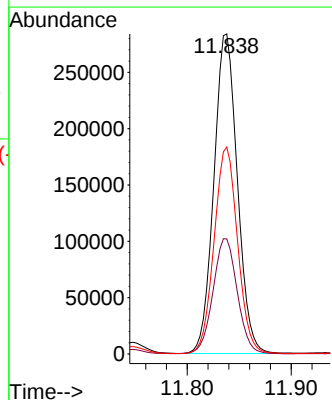
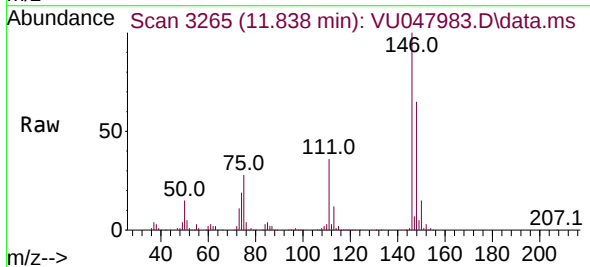
Instrument :
MSVOA_U
ClientSampleId :

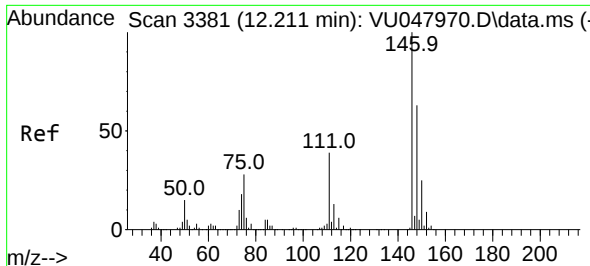
Tgt Ion:146 Resp: 17277
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.7
148 63.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 72.791 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047983.D
Acq: 13 Apr 2022 01:56

Tgt Ion:146 Resp: 446277
Ion Ratio Lower Upper
146 100
111 35.9 25.3 47.1
148 64.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 38.144 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047983.D

Acq: 13 Apr 2022 01:56

Instrument :

MSVOA_U

ClientSampleId :

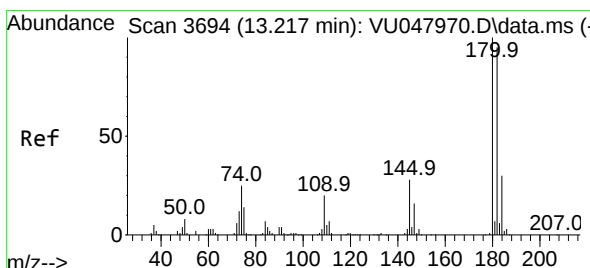
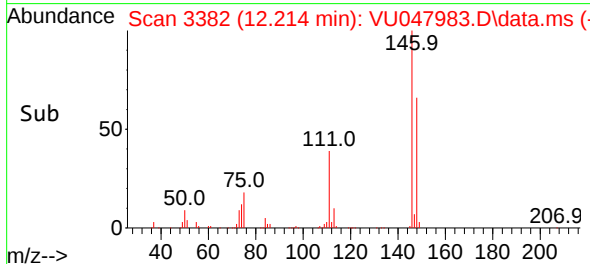
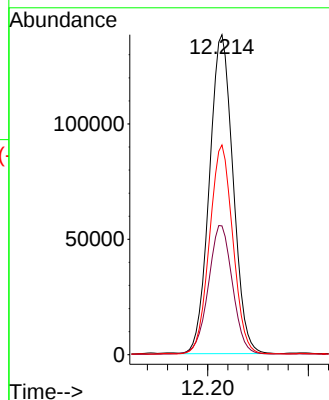
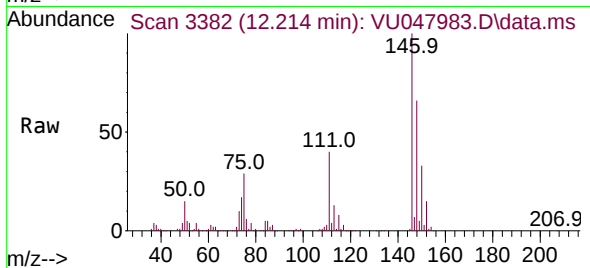
Tgt Ion:146 Resp: 225913

Ion Ratio Lower Upper

146 100

111 40.2 31.7 47.5

148 65.6 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 14.884 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.624 min

Lab File: VU047983.D

Acq: 13 Apr 2022 01:56

Tgt Ion:180 Resp: 71552

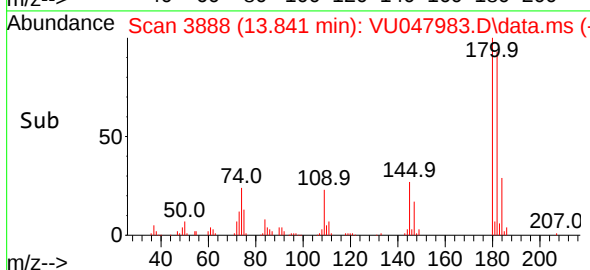
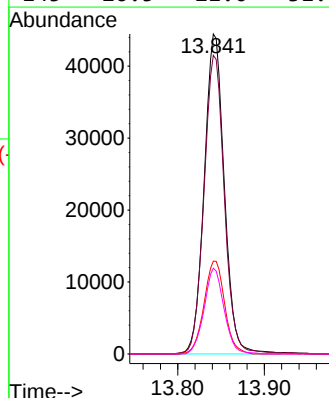
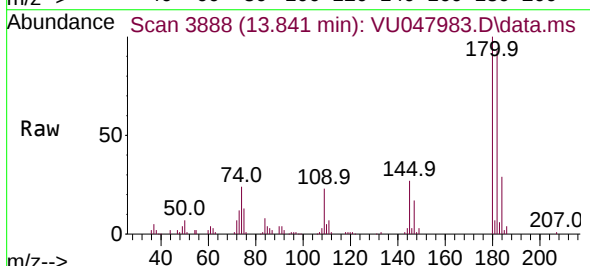
Ion Ratio Lower Upper

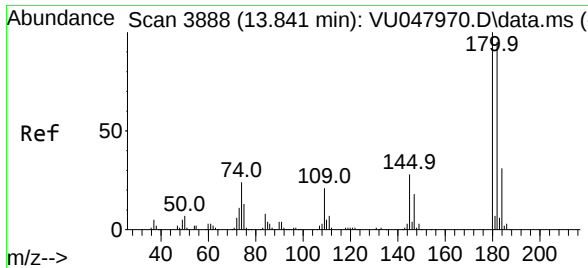
180 100

182 94.4 77.0 115.6

184 29.8 24.5 36.7

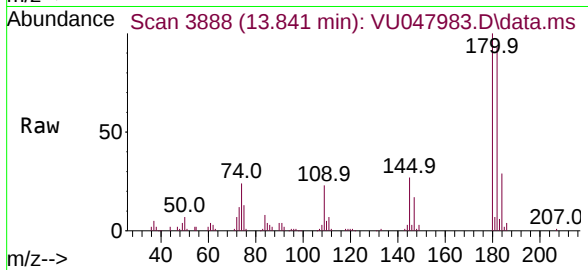
145 26.5 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 16.993 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047983.D
 Acq: 13 Apr 2022 01:56

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	71552
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.2	114.2
145	26.5	21.8	32.8

