

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047980.D
 Acq On : 13 Apr 2022 00:47
 Operator : SY/MD
 Sample : N2345-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 04:52:27 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

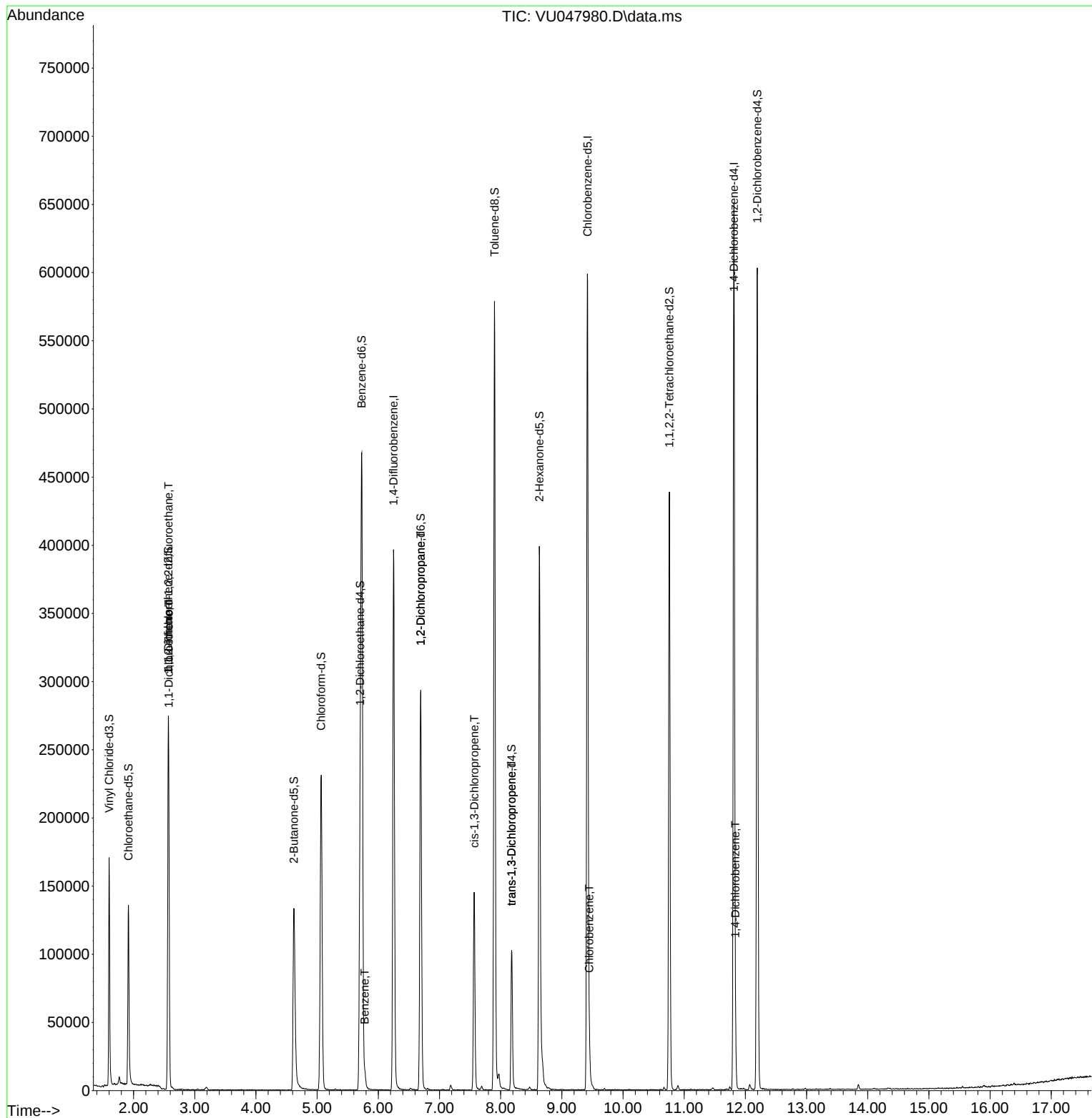
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	333115	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	360497	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	184222	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	122280	50.620	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 101.240%		
7) Chloroethane-d5	1.916	69	103842	54.518	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 109.040%		
11) 1,1-Dichloroethene-d2	2.568	63	156452	35.400	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 70.800%		
21) 2-Butanone-d5	4.620	46	191508	92.365	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 92.360%		
24) Chloroform-d	5.067	84	218439	49.421	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 98.840%		
26) 1,2-Dichloroethane-d4	5.703	65	140230	51.729	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 103.460%		
32) Benzene-d6	5.729	84	444487	49.000	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 98.000%		
36) 1,2-Dichloropropane-d6	6.694	67	143116	51.373	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 102.740%		
41) Toluene-d8	7.899	98	394491	44.636	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 89.280%		
43) trans-1,3-Dichloroprop...	8.179	79	58329	41.328	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 82.660%		
47) 2-Hexanone-d5	8.632	63	139993	85.842	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 85.840%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	216905	45.369	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 90.740%		
66) 1,2-Dichlorobenzene-d4	12.195	152	169470	51.707	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 103.420%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1544	0.629	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	1234	0.540	ug/L #	1
33) Benzene	5.777	78	9285	0.890	ug/L	100
37) 1,2-Dichloropropane	6.694	63	14891	5.614	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3409	0.828	ug/L #	54
44) trans-1,3-Dichloropropene	8.179	75	2637	0.642	ug/L	98
51) Chlorobenzene	9.449	112	15681	2.017	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	14604	2.548	ug/L	97

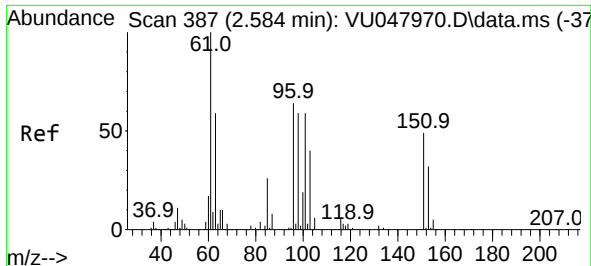
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.629 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

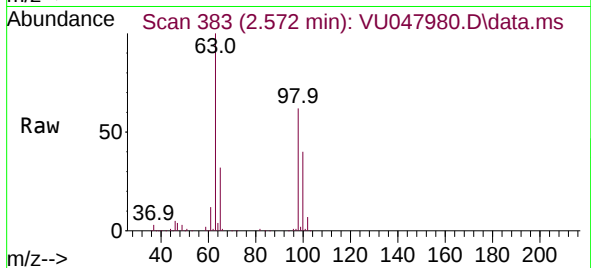
Lab File: VU047980.D

Acq: 13 Apr 2022 00:47

Instrument :

MSVOA_U

ClientSampleId :



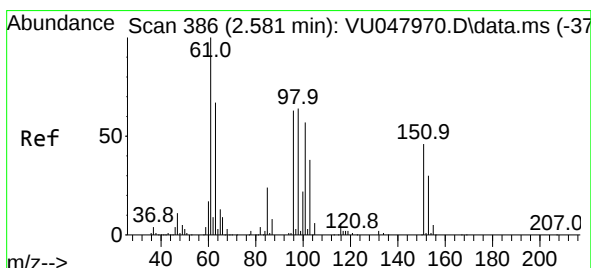
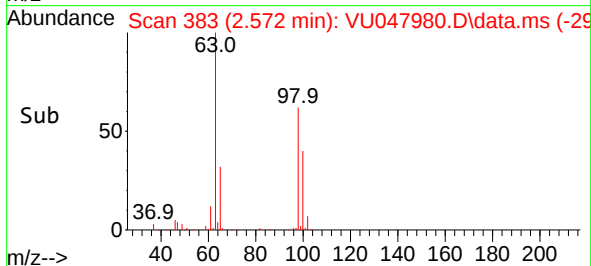
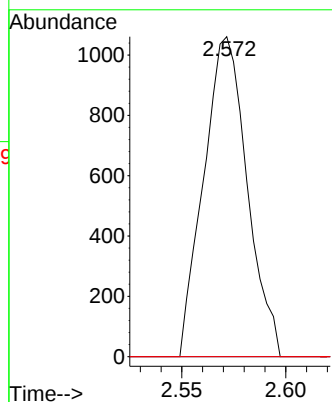
Tgt Ion:101 Resp: 1544

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: 0.540 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.006 min

Lab File: VU047980.D

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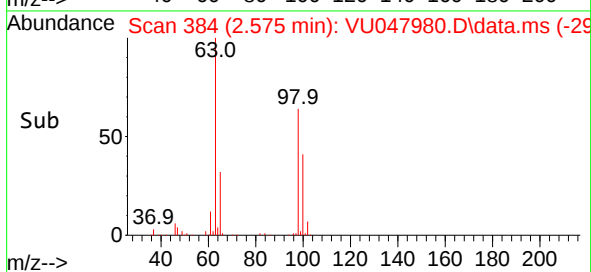
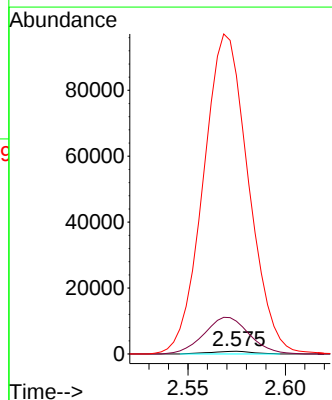
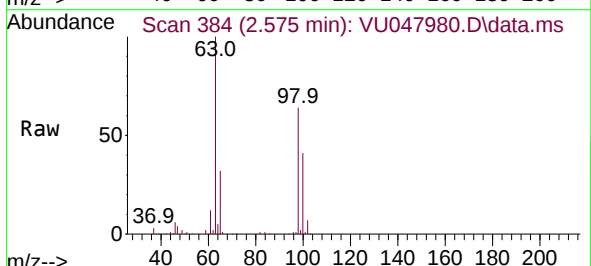
Tgt Ion: 96 Resp: 1234

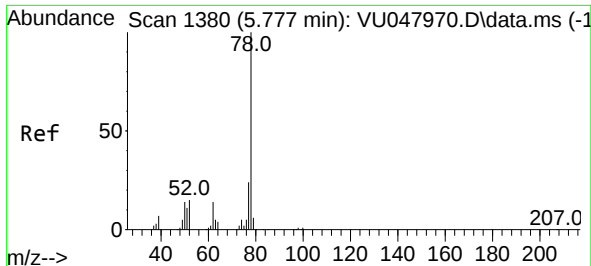
Ion Ratio Lower Upper

96 100

61 1238.3 113.1 210.1#

63 10522.4 94.8 176.0#

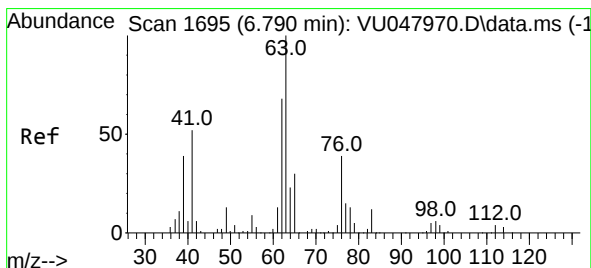
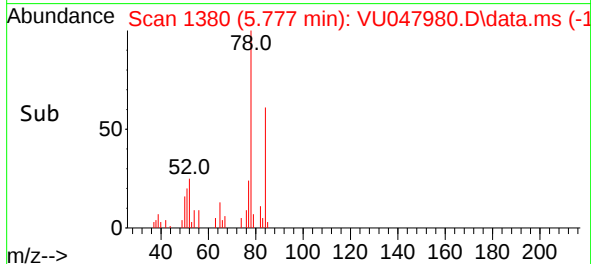
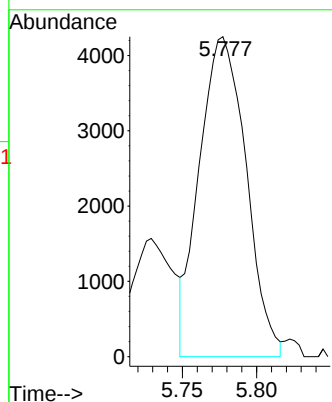
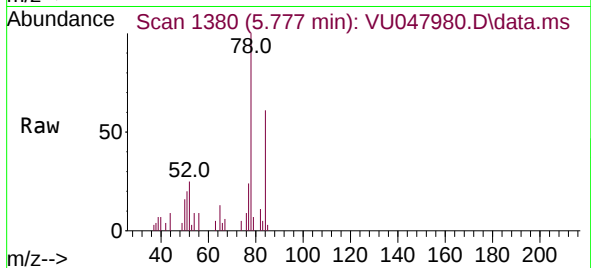




#33
Benzene
Concen: 0.890 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047980.D
Acq: 13 Apr 2022 00:47

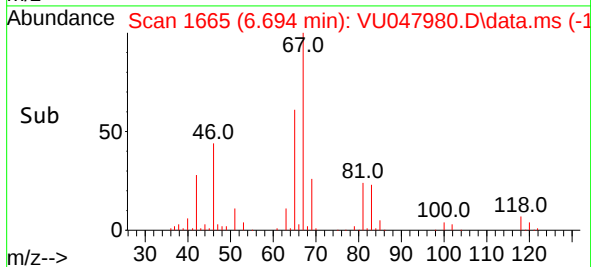
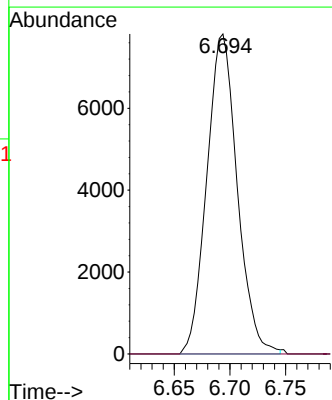
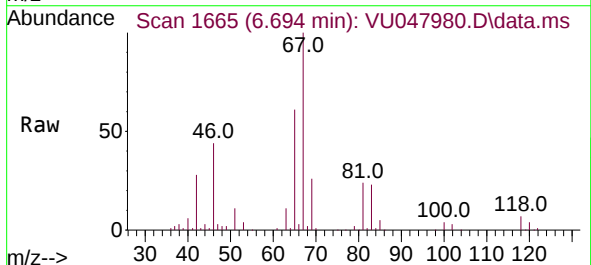
Instrument :
MSVOA_U
ClientSampleId :

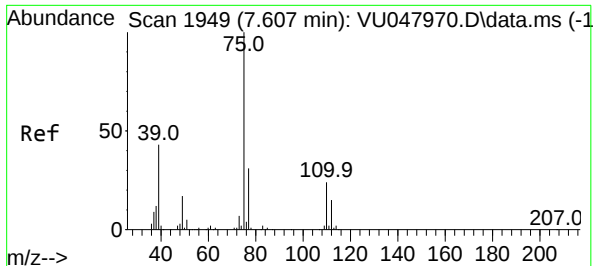
Tgt Ion: 78 Resp: 9285



#37
1,2-Dichloropropane
Concen: 5.614 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.096 min
Lab File: VU047980.D
Acq: 13 Apr 2022 00:47

Tgt Ion: 63 Resp: 14891
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.828 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU047980.D

Acq: 13 Apr 2022 00:47

Instrument :

MSVOA_U

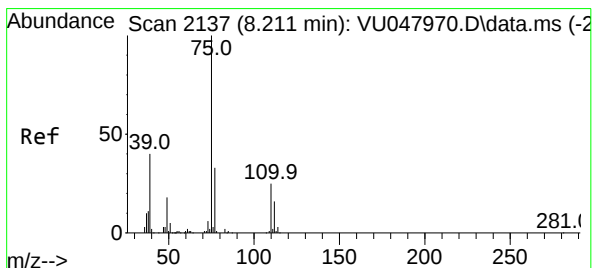
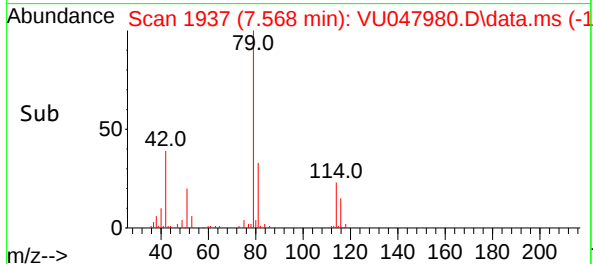
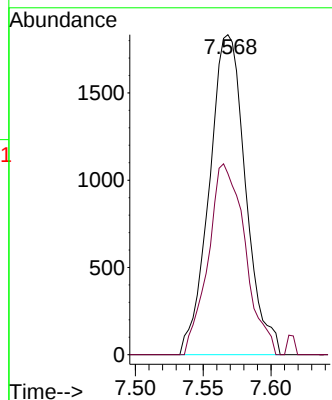
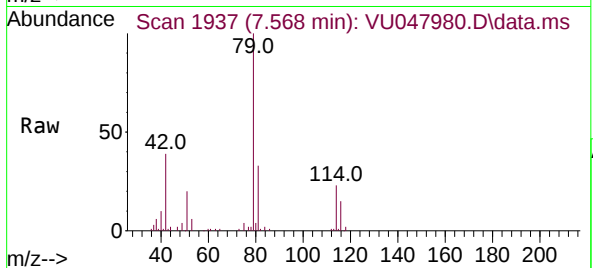
ClientSampleId :

Tgt Ion: 75 Resp: 3409

Ion Ratio Lower Upper

75 100

77 56.6 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.642 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU047980.D

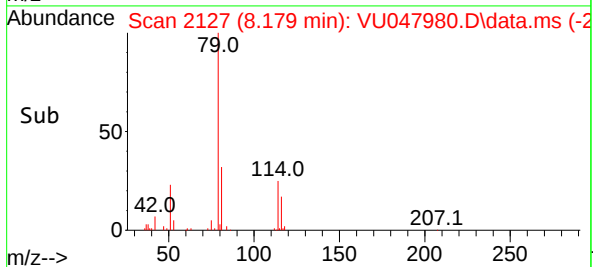
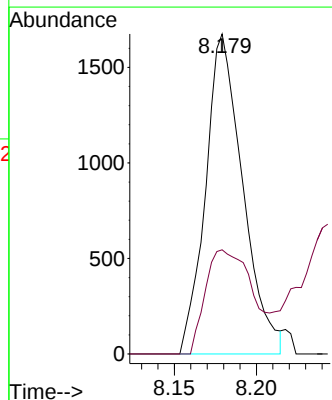
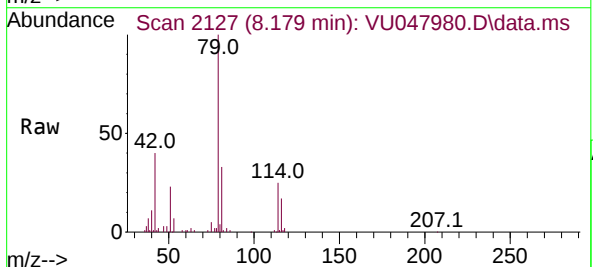
Acq: 13 Apr 2022 00:47

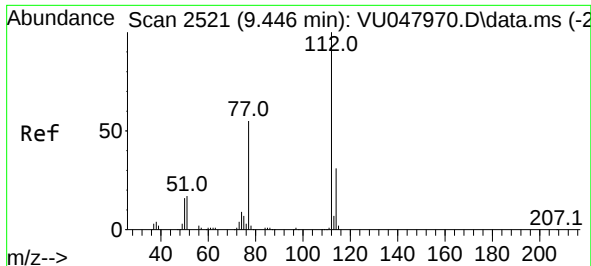
Tgt Ion: 75 Resp: 2637

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8

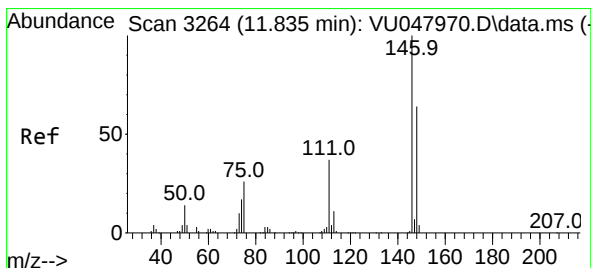
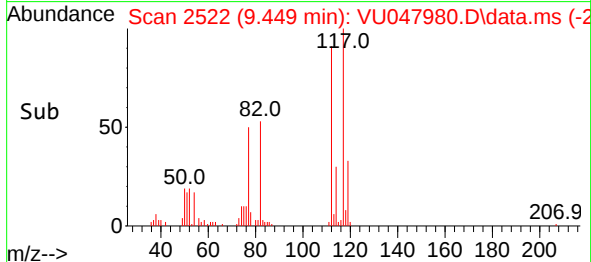
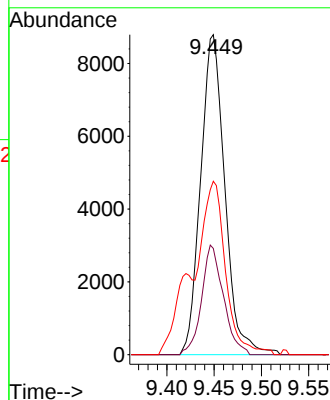
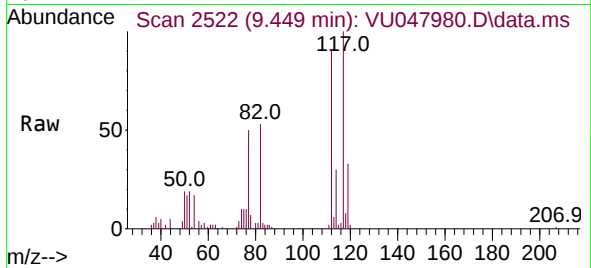




#51
Chlorobenzene
Concen: 2.017 ug/L
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU047980.D
Acq: 13 Apr 2022 00:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 15681
Ion Ratio Lower Upper
112 100
114 33.2 22.1 41.1
77 54.2 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 2.548 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047980.D
Acq: 13 Apr 2022 00:47

Tgt Ion:146 Resp: 14604
Ion Ratio Lower Upper
146 100
111 40.4 25.3 47.1
148 64.1 44.5 82.7

