

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048159.D
 Acq On : 20 Apr 2022 21:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK063

Quant Time: Apr 21 02:46:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

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

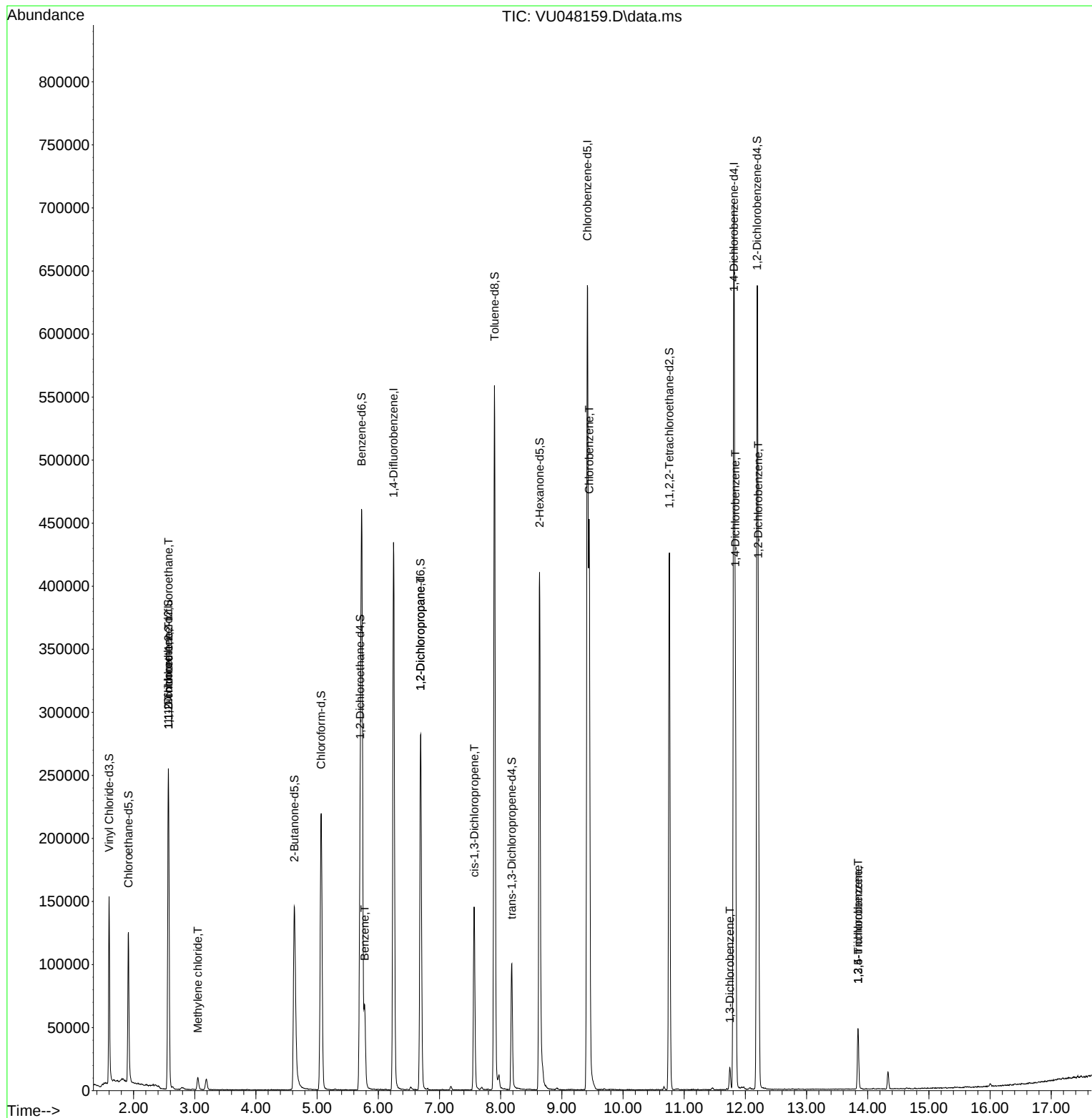
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	382208	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	386750	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195175	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	111953	40.392	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.780%		
7) Chloroethane-d5	1.916	69	95869	43.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.740%		
11) 1,1-Dichloroethene-d2	2.568	63	148944	29.372	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.740%#		
21) 2-Butanone-d5	4.626	46	198861	83.592	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.590%		
24) Chloroform-d	5.067	84	211971	41.798	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.600%		
26) 1,2-Dichloroethane-d4	5.703	65	132584	42.626	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.260%		
32) Benzene-d6	5.729	84	441846	45.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.800%		
36) 1,2-Dichloropropane-d6	6.690	67	141773	47.436	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.880%		
41) Toluene-d8	7.899	98	385471	40.655	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.300%		
43) trans-1,3-Dichloroprop...	8.182	79	59269	39.144	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.280%		
47) 2-Hexanone-d5	8.636	63	143932	82.266	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.270%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	213052	41.538	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.080%		
66) 1,2-Dichlorobenzene-d4	12.192	152	164579	47.397	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.800%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1398	0.496	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1176	0.449	ug/L #	1
16) Methylene chloride	3.051	84	4945	1.644	ug/L	96
33) Benzene	5.777	78	63755	5.695	ug/L	100
37) 1,2-Dichloropropane	6.690	63	14810	5.204	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	3437	0.778	ug/L #	69
51) Chlorobenzene	9.449	112	244608	29.329	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	8324	1.420	ug/L	91
65) 1,4-Dichlorobenzene	11.835	146	135757	22.355	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	106930	18.228	ug/L	98
69) 1,3,5-Trichlorobenzene	13.841	180	17281	3.629	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	17281	4.143	ug/L	97

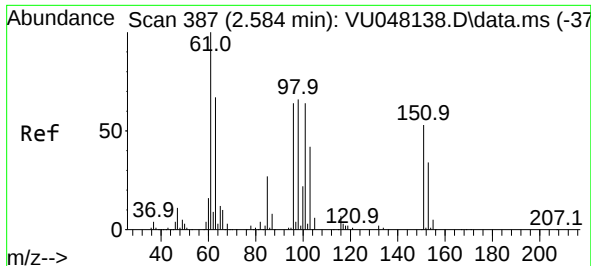
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
Data File : VU048159.D
Acq On : 20 Apr 2022 21:32
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK063

Quant Time: Apr 21 02:46:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 21 02:37:57 2022
Response via : Initial Calibration

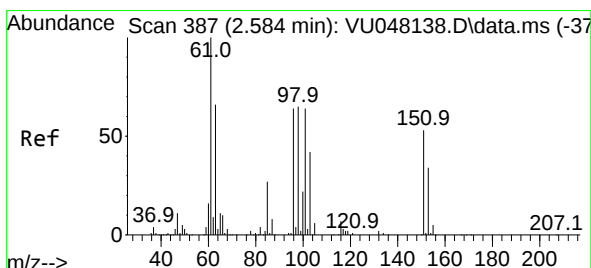
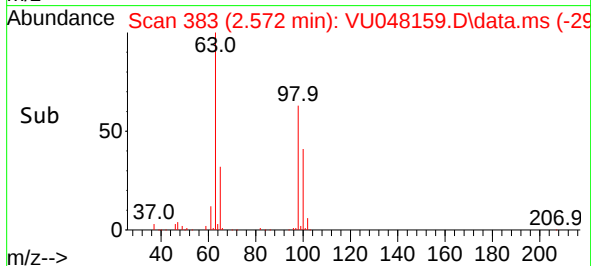
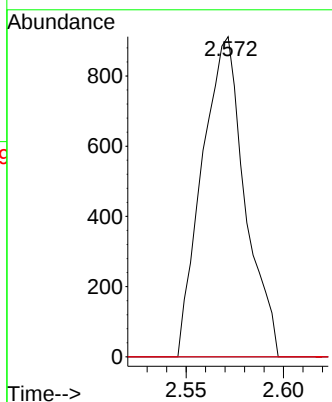
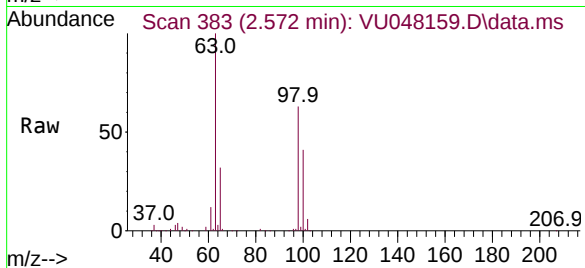




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.496 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048159.D
 Acq: 20 Apr 2022 21:32

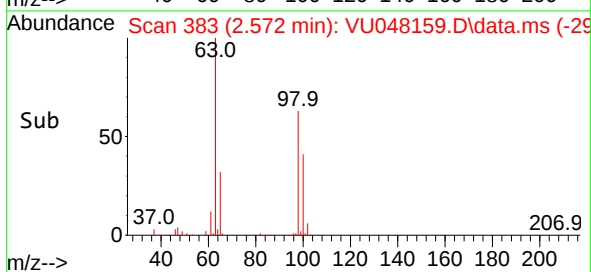
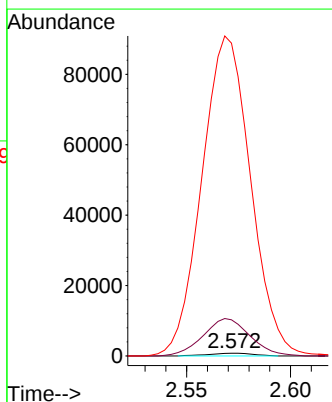
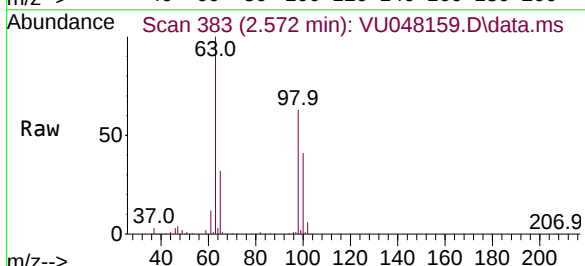
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK063

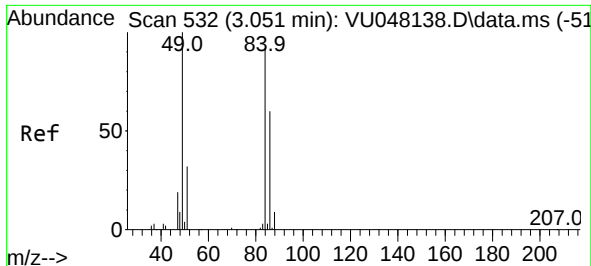
Tgt Ion:101 Resp: 1398
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.449 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048159.D
 Acq: 20 Apr 2022 21:32

Tgt Ion: 96 Resp: 1176
 Ion Ratio Lower Upper
 96 100
 61 1306.9 113.1 210.1#
 63 11275.1 94.8 176.0#

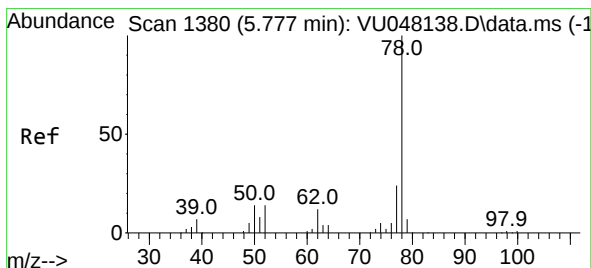
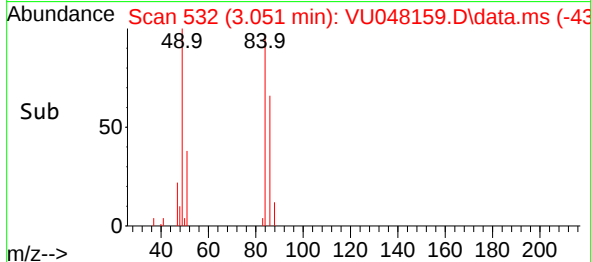
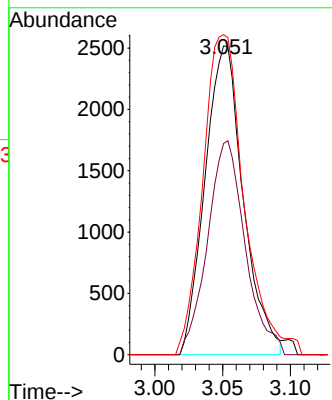
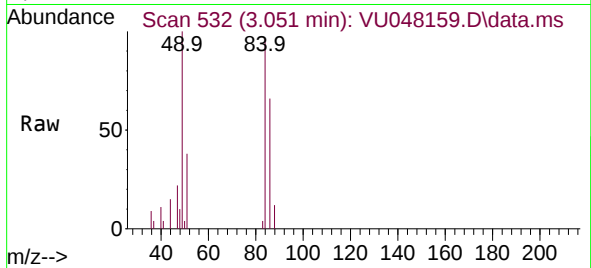




#16
Methylene chloride
Concen: 1.644 ug/L
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048159.D
Acq: 20 Apr 2022 21:32

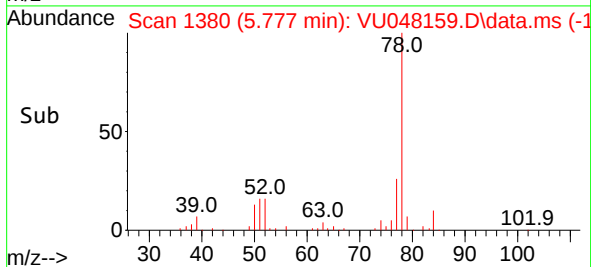
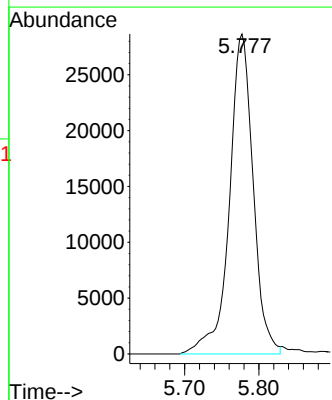
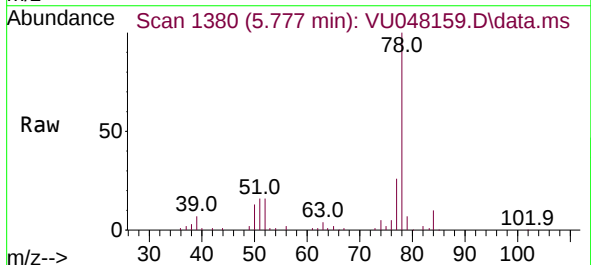
Instrument :
MSVOA_U
ClientSampleId :
VIBLK063

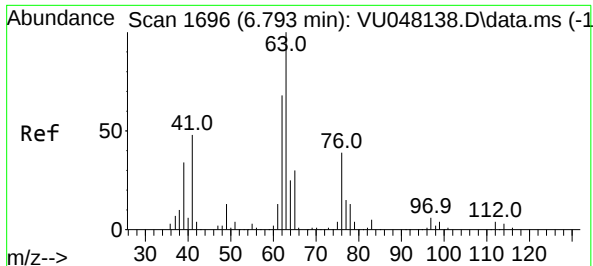
Tgt Ion: 84 Resp: 4945
Ion Ratio Lower Upper
84 100
86 68.4 46.0 85.4
49 103.7 75.3 139.8



#33
Benzene
Concen: 5.695 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048159.D
Acq: 20 Apr 2022 21:32

Tgt Ion: 78 Resp: 63755





#37

1,2-Dichloropropane

Concen: 5.204 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048159.D

Acq: 20 Apr 2022 21:32

Instrument :

MSVOA_U

ClientSampleId :

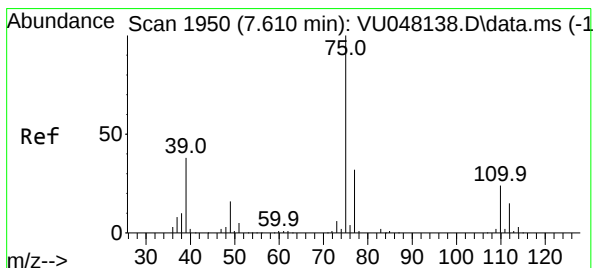
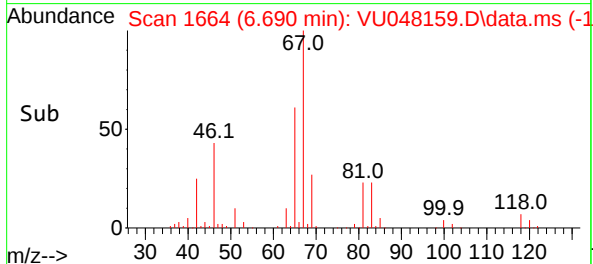
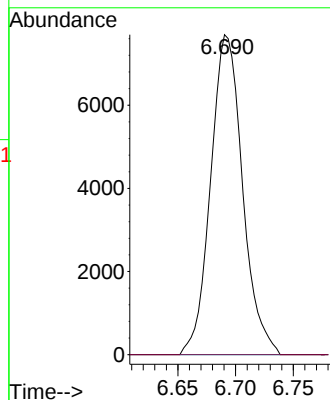
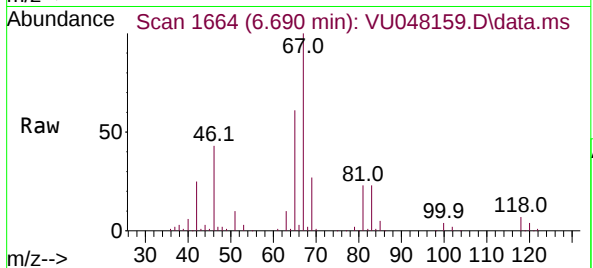
VIBLK063

Tgt Ion: 63 Resp: 14810

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.778 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU048159.D

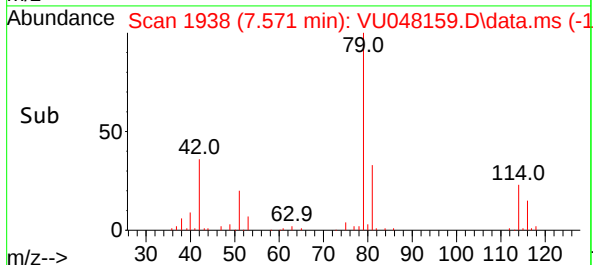
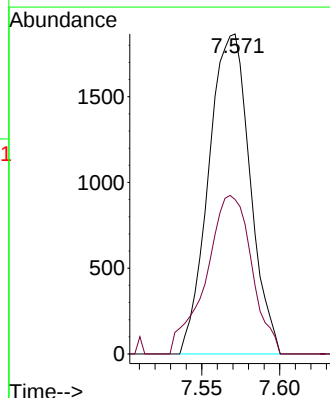
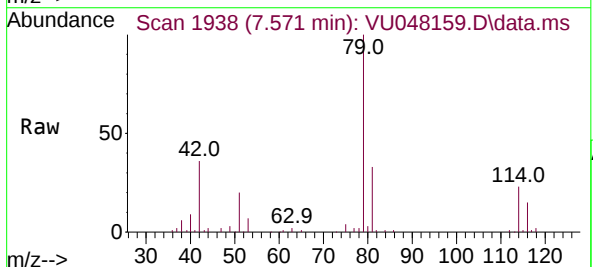
Acq: 20 Apr 2022 21:32

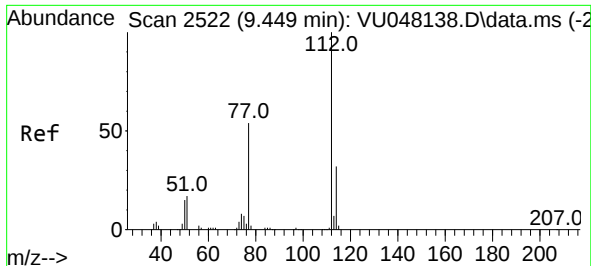
Tgt Ion: 75 Resp: 3437

Ion Ratio Lower Upper

75 100

77 48.2 21.8 40.6#

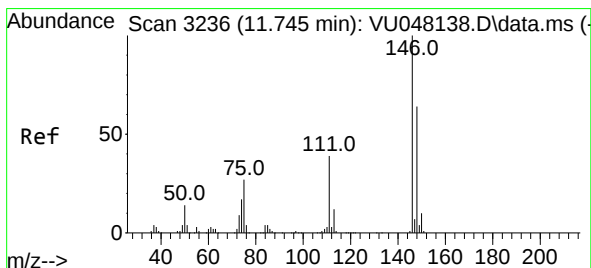
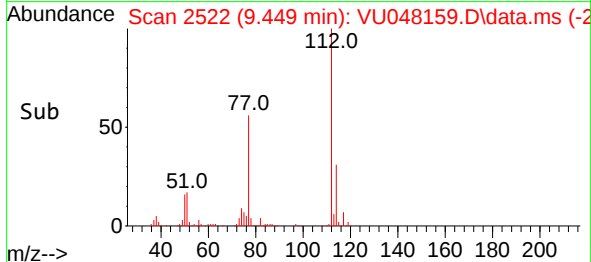
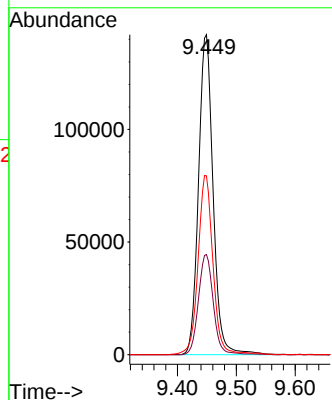
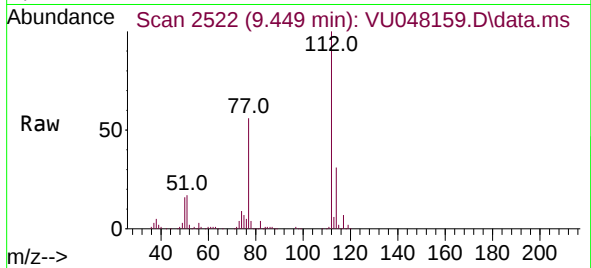




#51
Chlorobenzene
Concen: 29.329 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048159.D
Acq: 20 Apr 2022 21:32

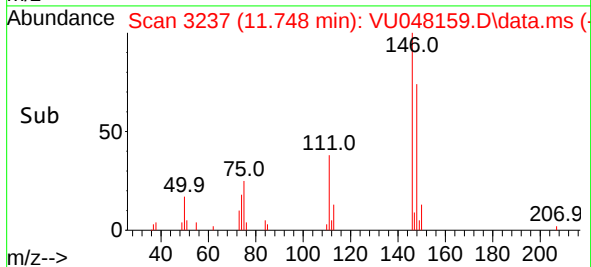
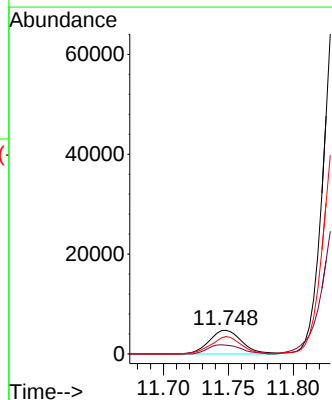
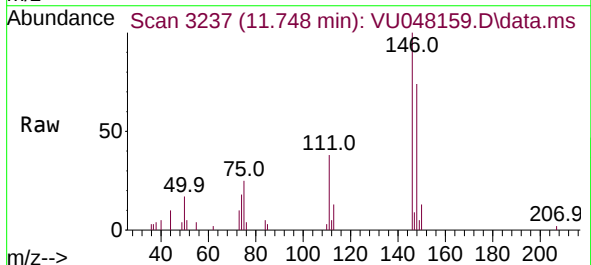
Instrument :
MSVOA_U
ClientSampleId :
VIBLK063

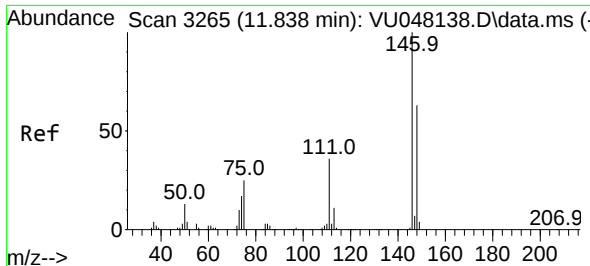
Tgt Ion:112 Resp: 244608
Ion Ratio Lower Upper
112 100
114 31.3 22.1 41.1
77 55.9 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 1.420 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048159.D
Acq: 20 Apr 2022 21:32

Tgt Ion:146 Resp: 8324
Ion Ratio Lower Upper
146 100
111 37.5 26.7 49.7
148 73.9 44.4 82.5

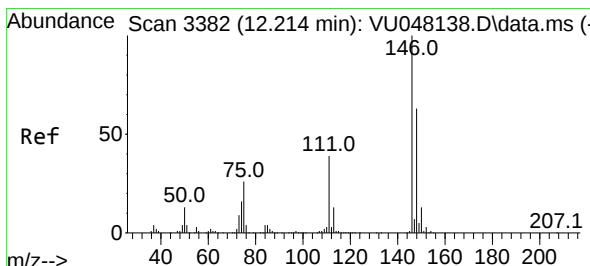
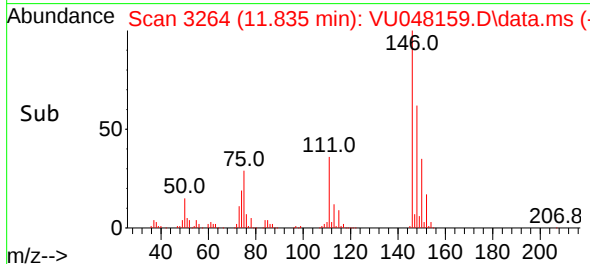
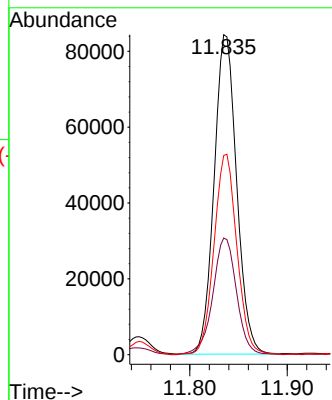
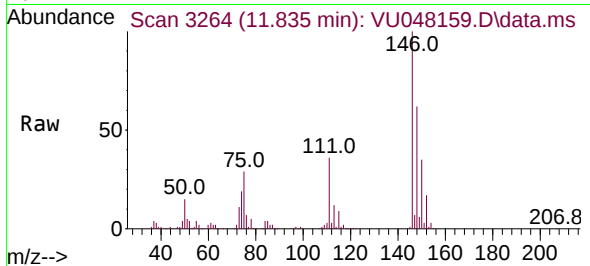




#65
 1,4-Dichlorobenzene
 Concen: 22.355 ug/L
 RT: 11.835 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU048159.D
 Acq: 20 Apr 2022 21:32

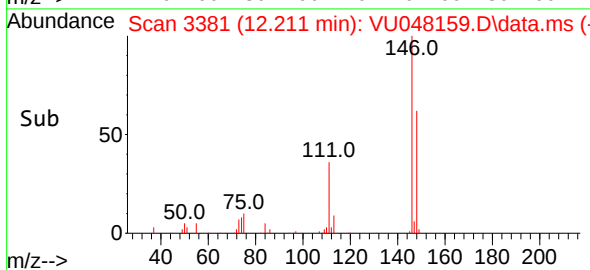
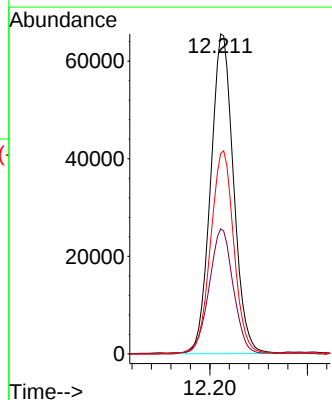
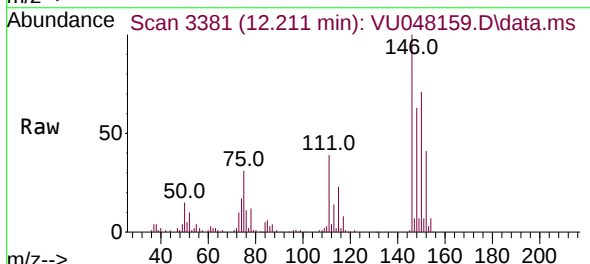
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK063

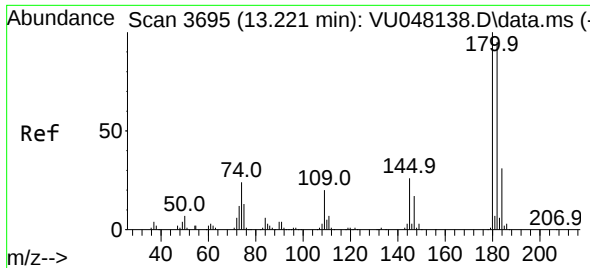
Tgt Ion:146 Resp: 135757
 Ion Ratio Lower Upper
 146 100
 111 36.5 25.3 47.1
 148 62.2 44.5 82.7



#67
 1,2-Dichlorobenzene
 Concen: 18.228 ug/L
 RT: 12.211 min Scan# 3381
 Delta R.T. -0.003 min
 Lab File: VU048159.D
 Acq: 20 Apr 2022 21:32

Tgt Ion:146 Resp: 106930
 Ion Ratio Lower Upper
 146 100
 111 39.1 31.7 47.5
 148 62.7 51.4 77.2

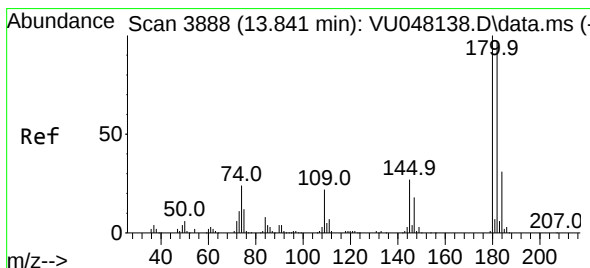
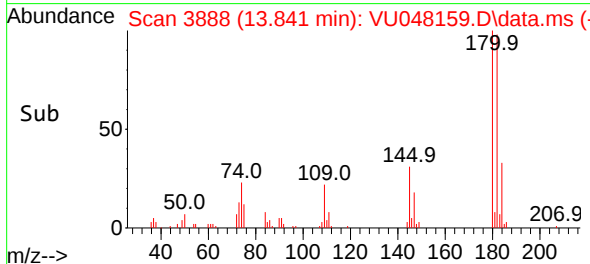
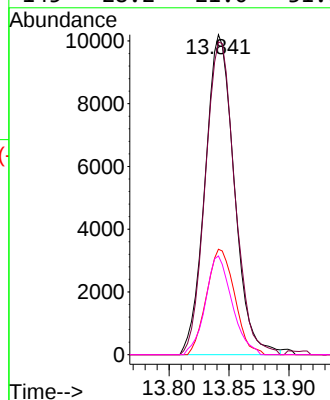
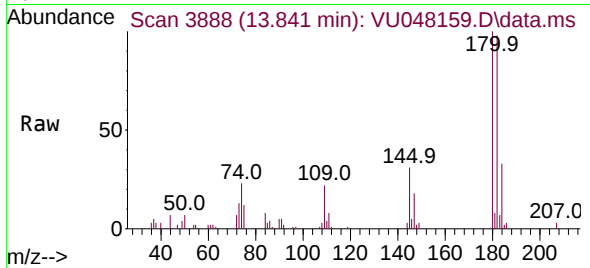




#69
 1,3,5-Trichlorobenzene
 Concen: 3.629 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.620 min
 Lab File: VU048159.D
 Acq: 20 Apr 2022 21:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK063

Tgt Ion:	180	Resp:	17281
Ion Ratio	Lower	Upper	
180	100		
182	98.3	77.0	115.6
184	31.6	24.5	36.7
145	28.2	21.0	31.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.143 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048159.D
 Acq: 20 Apr 2022 21:32

Tgt Ion:	180	Resp:	17281
Ion Ratio	Lower	Upper	
180	100		
182	98.3	76.2	114.2
145	28.2	21.8	32.8

