

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
 Data File : VU047118.D
 Acq On : 11 Feb 2022 16:24
 Operator : SY/MD
 Sample : N1462-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 01:28:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 12 01:25:35 2022
 Response via : Initial Calibration

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

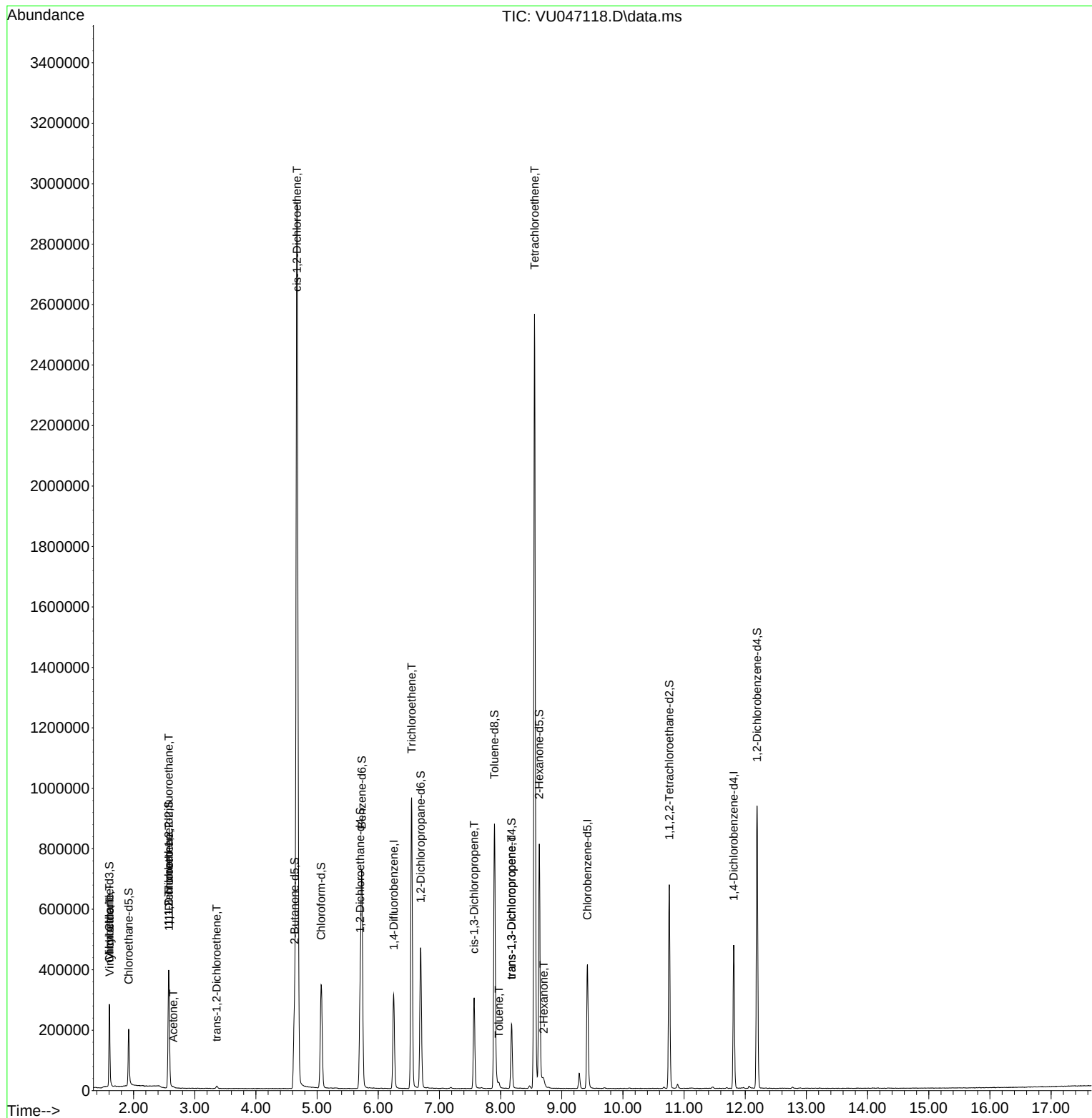
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	260400	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	244118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	129373	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	169388	71.624	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 143.240%#		
7) Chloroethane-d5	1.919	69	142584	81.330	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 162.660%#		
11) 1,1-Dichloroethene-d2	2.575	63	231819	59.151	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 118.300%		
21) 2-Butanone-d5	4.632	46	404764	220.681	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 220.680%#		
24) Chloroform-d	5.066	84	318423	82.937	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 165.880%#		
26) 1,2-Dichloroethane-d4	5.703	65	218080	88.497	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 177.000%#		
32) Benzene-d6	5.732	84	674101	83.060	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 166.120%#		
36) 1,2-Dichloropropane-d6	6.693	67	224880	85.443	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 170.880%#		
41) Toluene-d8	7.899	98	630407	81.582	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 163.160%#		
43) trans-1,3-Dichloroprop...	8.179	79	116169	84.225	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 168.460%#		
47) 2-Hexanone-d5	8.632	63	294125	195.066	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 195.070%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	336887	87.784	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 175.560%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	252399	82.260	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 164.520%#		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.610	62	39548	16.345	ug/L	97
8) Chloroethane	1.607	64	14378	10.308	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2063	1.195	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	2245	1.326	ug/L #	1
13) Acetone	2.649	43	6530	4.887	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	3488	1.961	ug/L	91
20) cis-1,2-Dichloroethene	4.671	96	1507232	765.932	ug/L	92
34) Trichloroethene	6.546	95	325729	164.690	ug/L	99
39) cis-1,3-Dichloropropene	7.568	75	7208	2.175	ug/L #	59
42) Toluene	7.973	91	11421	1.366	ug/L	98
44) trans-1,3-Dichloropropene	8.179	75	5405	1.697	ug/L #	82
46) Tetrachloroethene	8.555	164	599572	376.843	ug/L	97
48) 2-Hexanone	8.703	43	21282	7.968	ug/L #	88

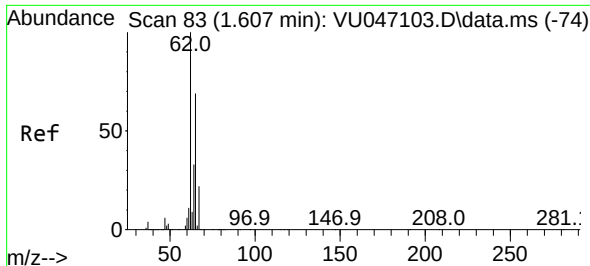
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
Data File : VU047118.D
Acq On : 11 Feb 2022 16:24
Operator : SY/MD
Sample : N1462-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 12 01:28:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 12 01:25:35 2022
Response via : Initial Calibration

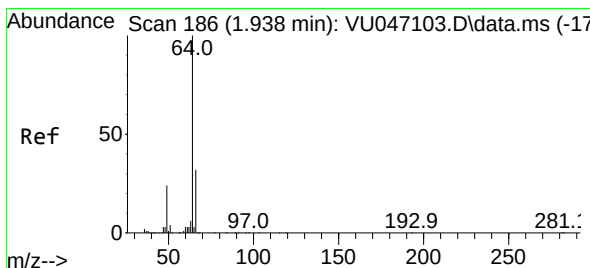
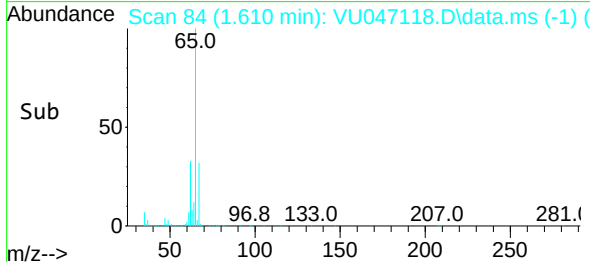
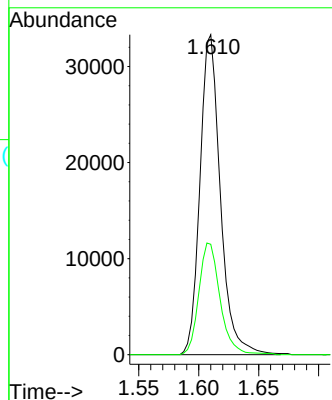
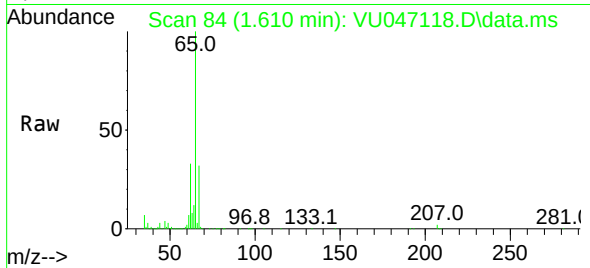




#5
 Vinyl chloride
 Concen: 16.345 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU047118.D
 Acq: 11 Feb 2022 16:24

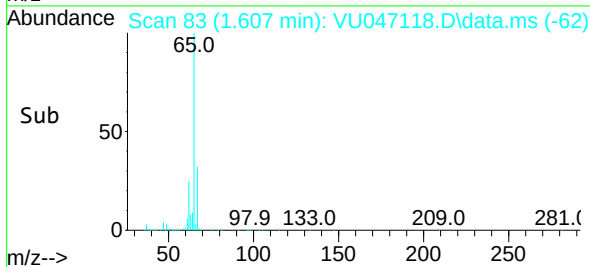
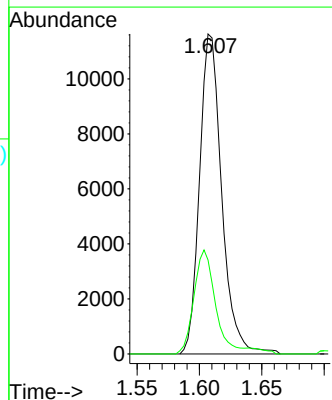
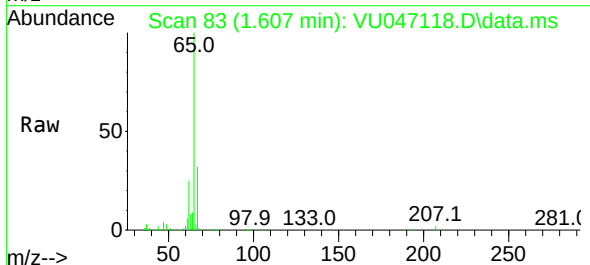
Instrument :
 MSVOA_U
 ClientSampleId :

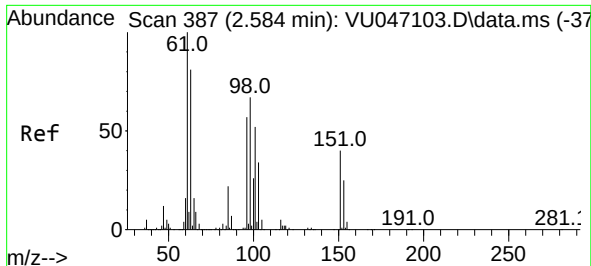
Tgt Ion: 62 Resp: 39548
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.1 42.9



#8
 Chloroethane
 Concen: 10.308 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.331 min
 Lab File: VU047118.D
 Acq: 11 Feb 2022 16:24

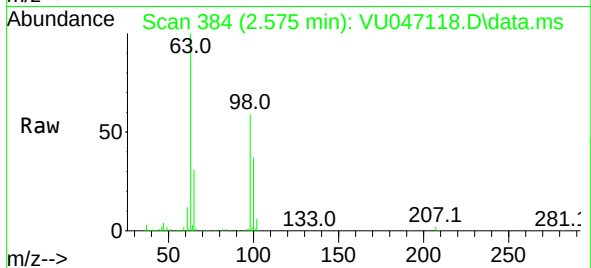
Tgt Ion: 64 Resp: 14378
 Ion Ratio Lower Upper
 64 100
 66 29.4 24.4 45.2



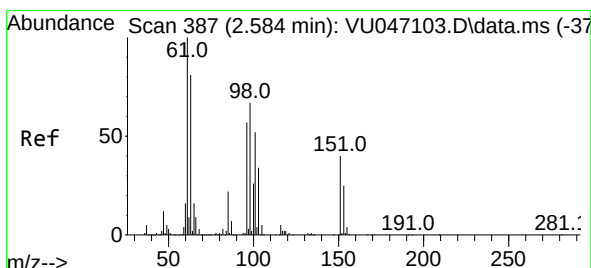
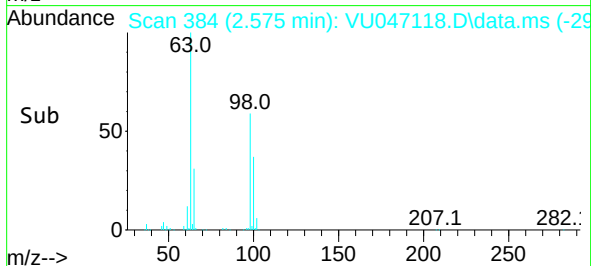
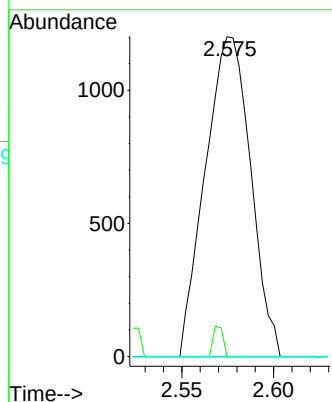


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.195 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU047118.D
 Acq: 11 Feb 2022 16:24

Instrument :
 MSVOA_U
 ClientSampleId :

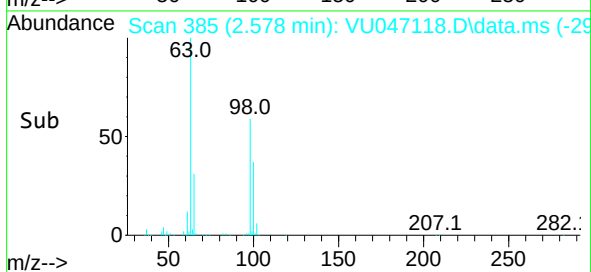
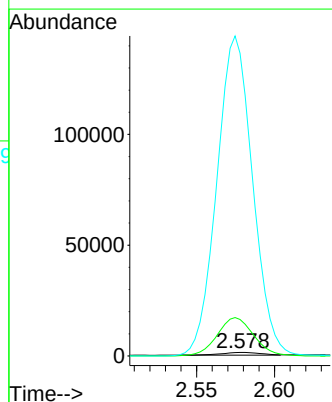
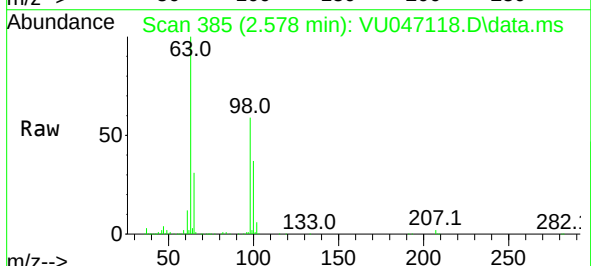


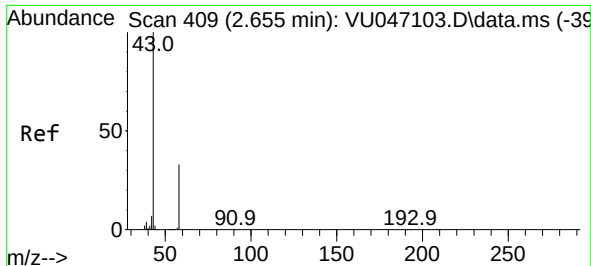
Tgt Ion:101 Resp: 2063
 Ion Ratio Lower Upper
 101 100
 85 2.1 34.9 52.3#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 1.326 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.007 min
 Lab File: VU047118.D
 Acq: 11 Feb 2022 16:24

Tgt Ion: 96 Resp: 2245
 Ion Ratio Lower Upper
 96 100
 61 1037.8 114.9 213.3#
 63 8604.5 86.0 159.8#





#13

Acetone

Concen: 4.887 ug/L

RT: 2.649 min Scan# 409

Delta R.T. -0.007 min

Lab File: VU047118.D

Acq: 11 Feb 2022 16:24

Instrument :

MSVOA_U

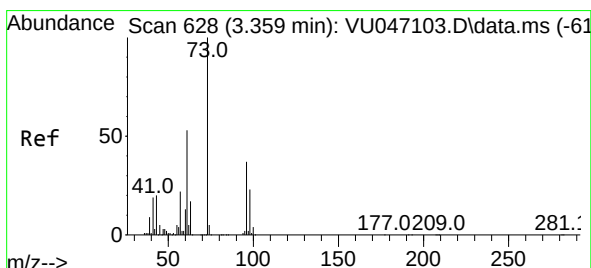
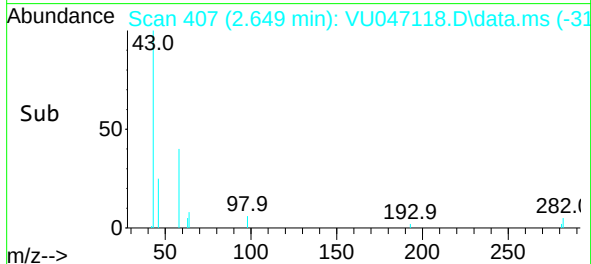
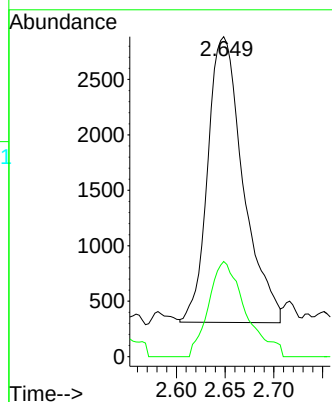
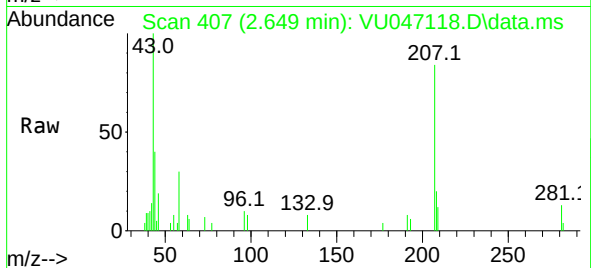
ClientSampleId :

Tgt Ion: 43 Resp: 6530

Ion Ratio Lower Upper

43 100

58 33.6 0.0 71.0



#17

trans-1,2-Dichloroethene

Concen: 1.961 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047118.D

Acq: 11 Feb 2022 16:24

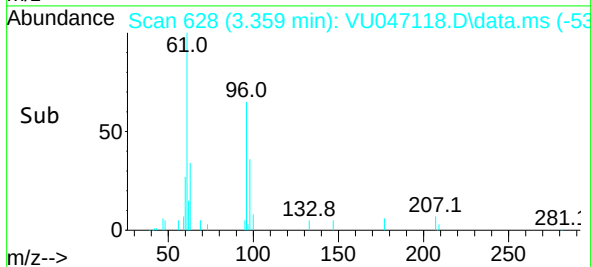
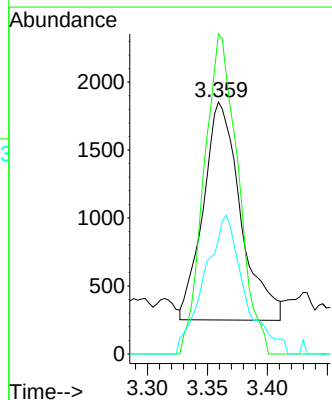
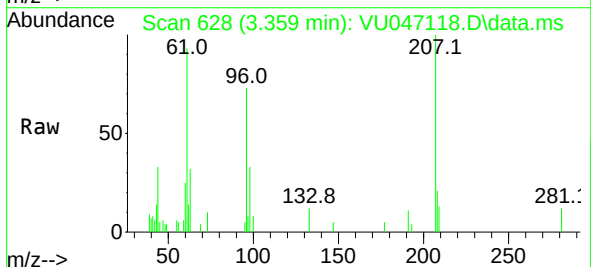
Tgt Ion: 96 Resp: 3488

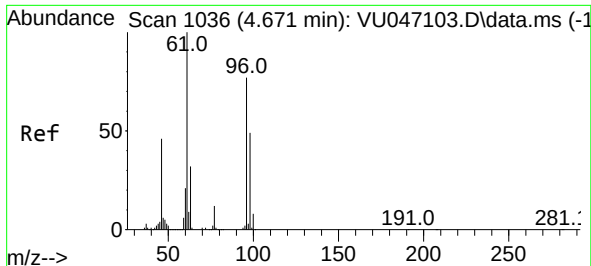
Ion Ratio Lower Upper

96 100

61 127.0 92.5 171.9

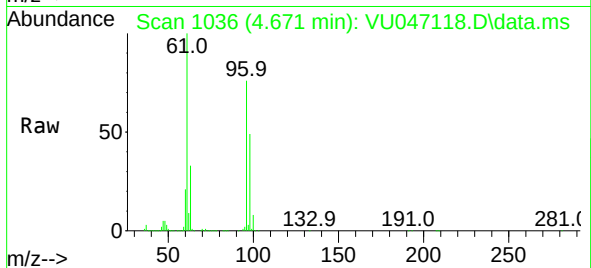
98 45.5 42.4 78.6





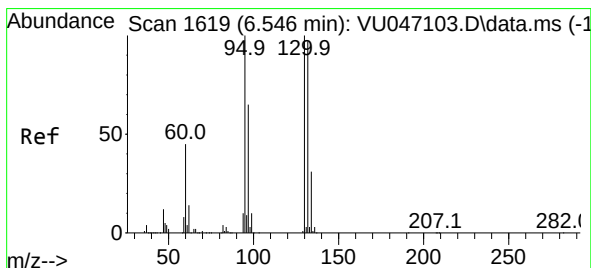
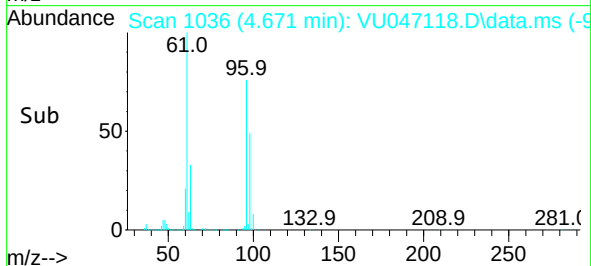
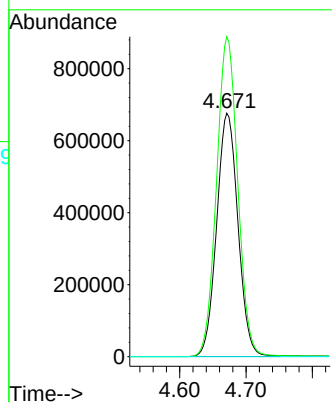
#20
cis-1,2-Dichloroethene
Concen: 765.932 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047118.D
Acq: 11 Feb 2022 16:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 1507232

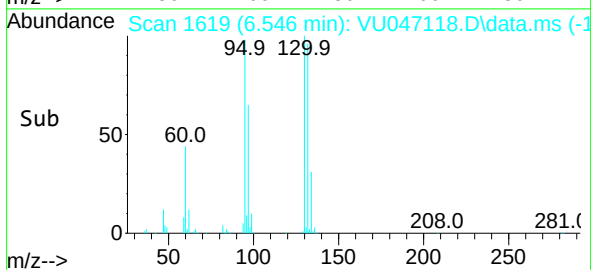
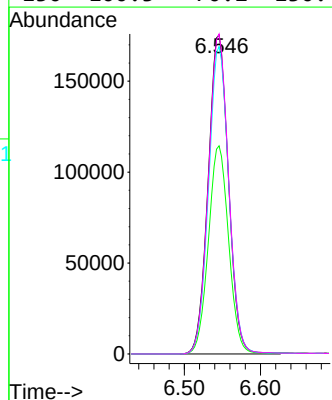
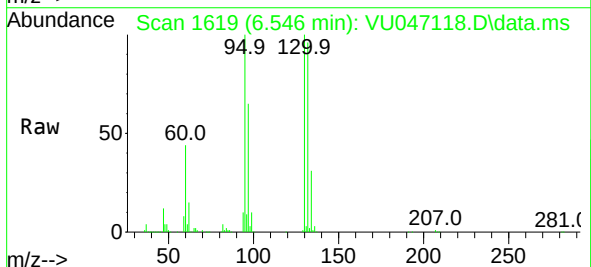
Ion	Ratio	Lower	Upper
96	100		
61	131.4	86.0	159.6
68	0.0	0.0	0.0

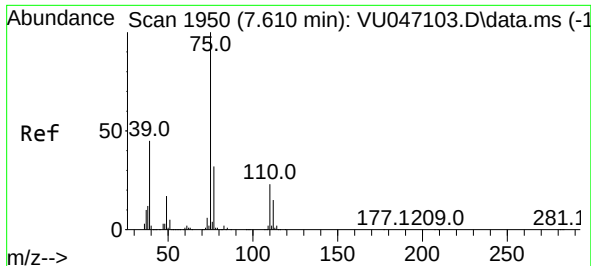


#34
Trichloroethene
Concen: 164.690 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047118.D
Acq: 11 Feb 2022 16:24

Tgt Ion: 95 Resp: 325729

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.1	83.7
132	96.4	66.7	123.9
130	100.3	70.2	130.4





#39

cis-1,3-Dichloropropene

Concen: 2.175 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047118.D

Acq: 11 Feb 2022 16:24

Instrument :

MSVOA_U

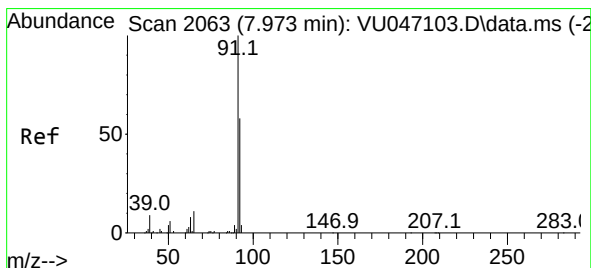
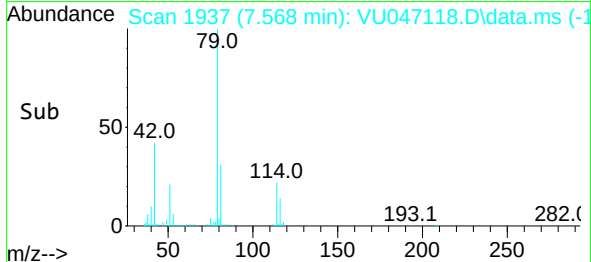
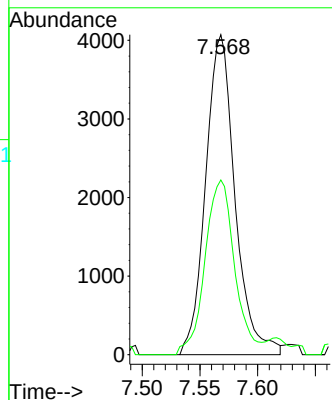
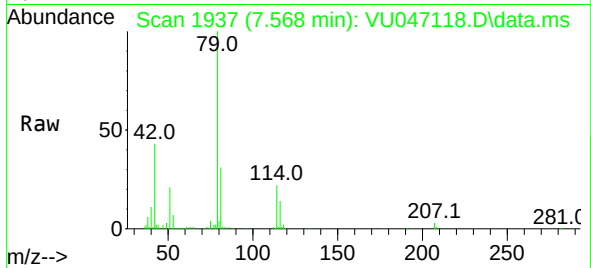
ClientSampleId :

Tgt Ion: 75 Resp: 7208

Ion Ratio Lower Upper

75 100

77 54.6 22.3 41.3#



#42

Toluene

Concen: 1.366 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU047118.D

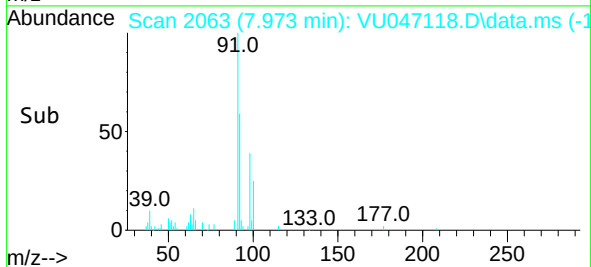
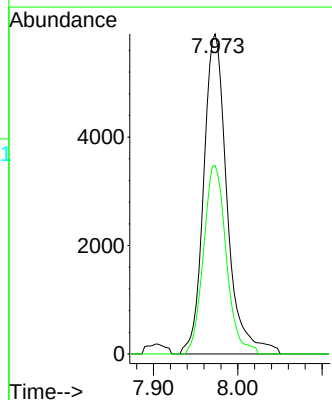
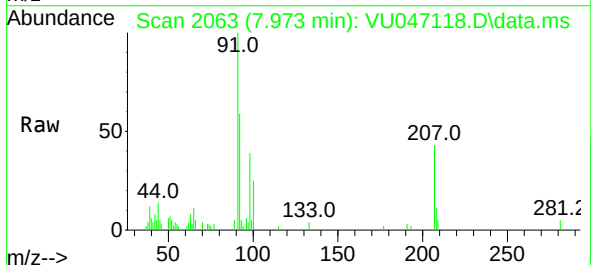
Acq: 11 Feb 2022 16:24

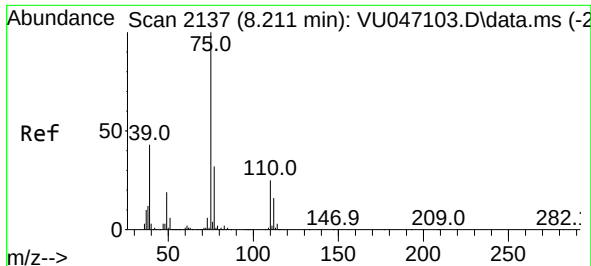
Tgt Ion: 91 Resp: 11421

Ion Ratio Lower Upper

91 100

92 58.9 40.4 75.0

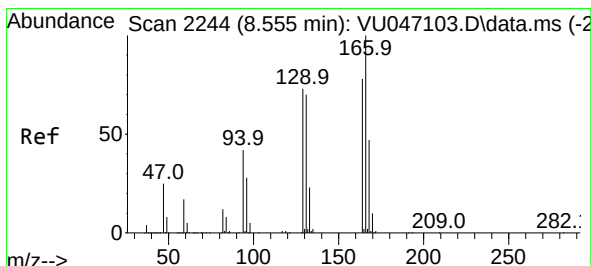
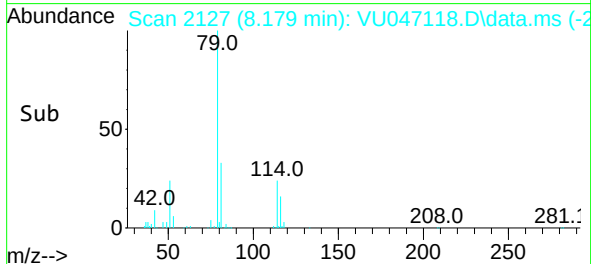
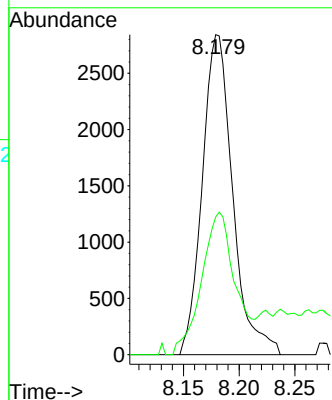
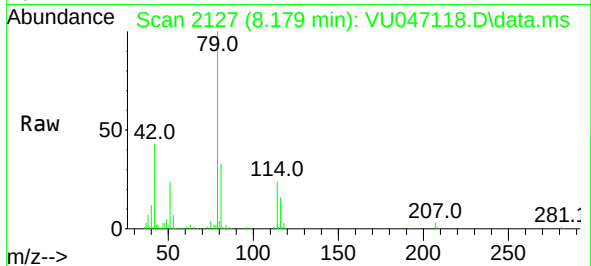




#44
trans-1,3-Dichloropropene
Concen: 1.697 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU047118.D
Acq: 11 Feb 2022 16:24

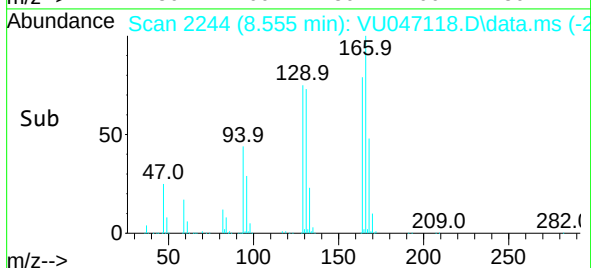
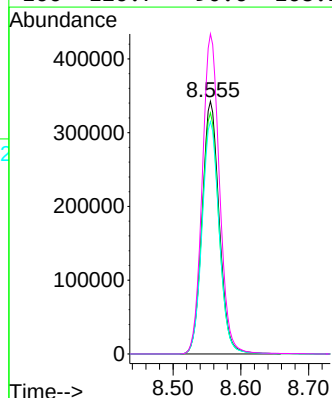
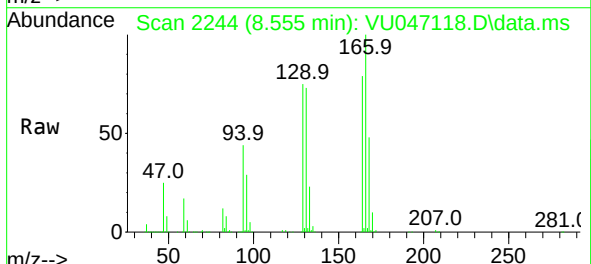
Instrument :
MSVOA_U
ClientSampleId :

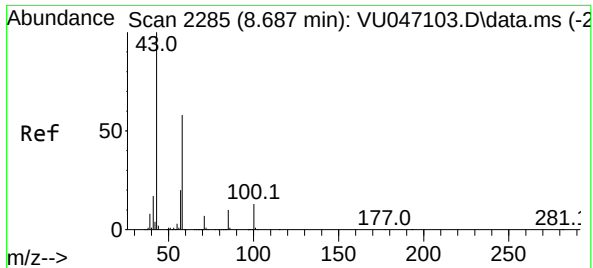
Tgt Ion: 75 Resp: 5405
Ion Ratio Lower Upper
75 100
77 43.1 23.0 42.8#



#46
Tetrachloroethene
Concen: 376.843 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047118.D
Acq: 11 Feb 2022 16:24

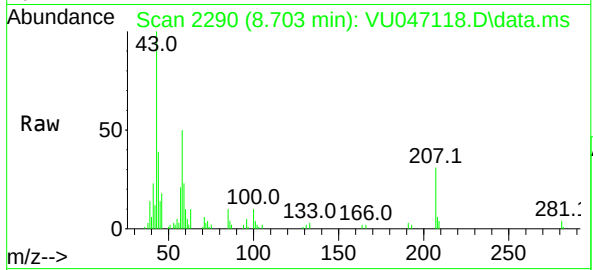
Tgt Ion:164 Resp: 599572
Ion Ratio Lower Upper
164 100
129 95.4 69.5 129.1
131 92.0 67.0 124.4
166 126.7 90.6 168.2





#48
2-Hexanone
Concen: 7.968 ug/L
RT: 8.703 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU047118.D
Acq: 11 Feb 2022 16:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43	Resp: 21282
Ion Ratio	Lower Upper
43	100
58	50.9 49.4 74.2
57	19.1 17.5 26.3
100	9.3 12.3 18.5#

