

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047955.D
 Acq On : 12 Apr 2022 15:03
 Operator : SY/MD
 Sample : N2345-01DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 01:35:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 01:28:20 2022
 Response via : Initial Calibration

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

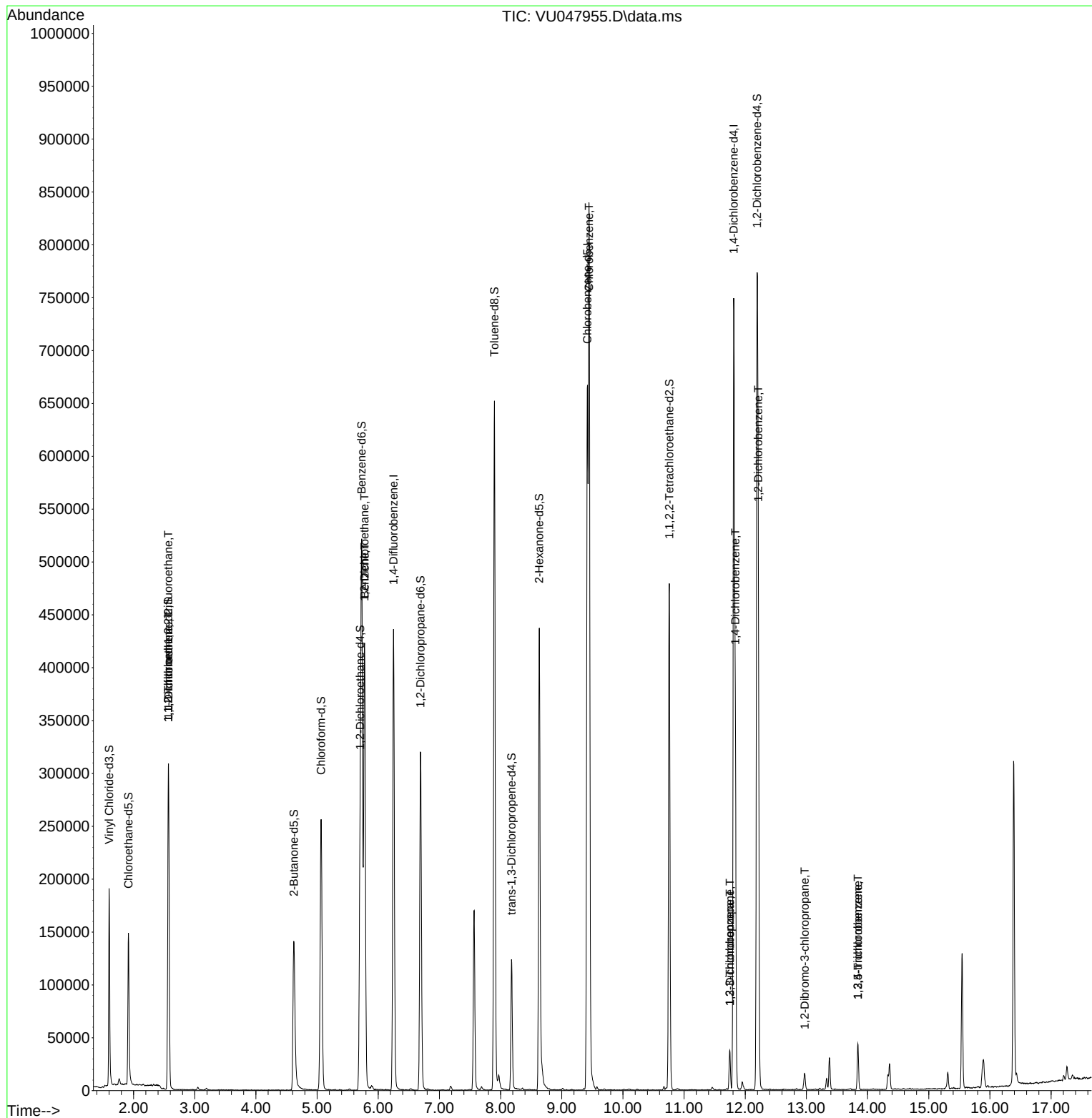
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	366899	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	381535	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	207191	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	137040	51.507	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	103.020%	
7) Chloroethane-d5	1.916	69	114476	54.567	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	109.140%	
11) 1,1-Dichloroethene-d2	2.568	63	175060	35.963	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	71.920%	
21) 2-Butanone-d5	4.620	46	204263	89.445	ug/L	-0.01
Spiked Amount 100.000	Range 40	- 130	Recovery	=	89.450%	
24) Chloroform-d	5.067	84	238993	49.092	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.180%	
26) 1,2-Dichloroethane-d4	5.703	65	154445	51.727	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.460%	
32) Benzene-d6	5.729	84	492333	51.282	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.560%	
36) 1,2-Dichloropropane-d6	6.690	67	157560	53.439	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	106.880%	
41) Toluene-d8	7.899	98	446345	47.719	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	95.440%	
43) trans-1,3-Dichloroprop...	8.179	79	68758	46.031	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	92.060%	
47) 2-Hexanone-d5	8.632	63	154368	89.437	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	89.440%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	234436	46.332	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	92.660%	
66) 1,2-Dichlorobenzene-d4	12.195	152	192214	52.145	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	104.300%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1590	0.588	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1483	0.589	ug/L #	1
27) 1,2-Dichloroethane	5.774	62	3578	0.919	ug/L #	75
33) Benzene	5.777	78	410188	37.142	ug/L	100
51) Chlorobenzene	9.446	112	463454	56.329	ug/L	100
60) 1,2,3-Trichloropropane	11.748	75	4261	1.091	ug/L #	47
64) 1,3-Dichlorobenzene	11.748	146	16515	2.653	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	145228	22.528	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	172659	27.725	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.973	75	2942	2.351	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.841	180	14702	2.909	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	14702	3.321	ug/L	99

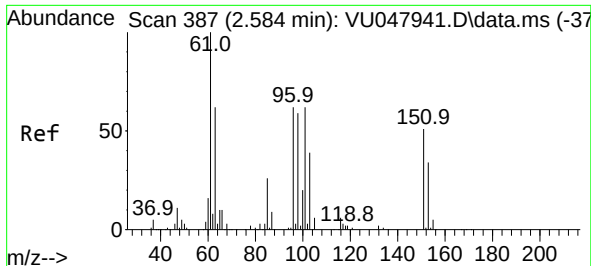
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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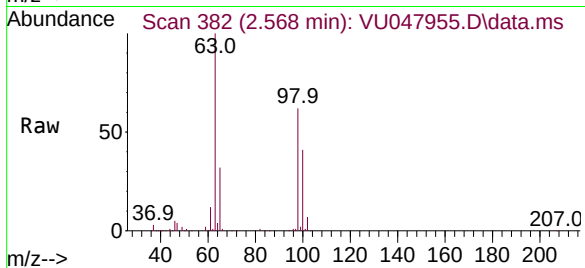
Quant Time: Apr 13 01:35:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
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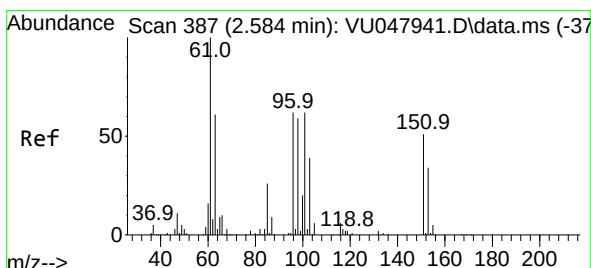
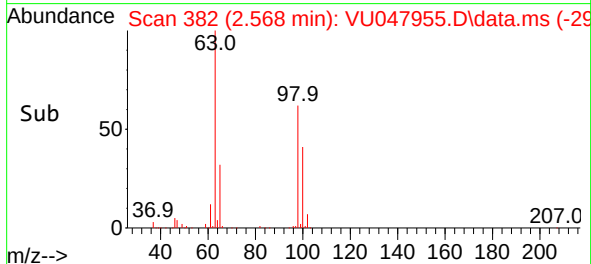
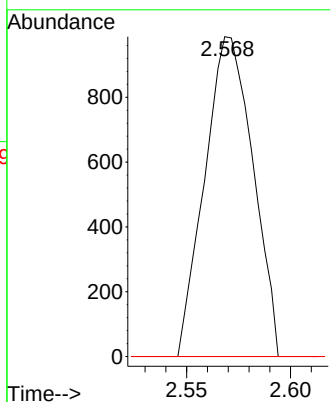


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.588 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU047955.D
 Acq: 12 Apr 2022 15:03

Instrument :
 MSVOA_U
 ClientSampleId :

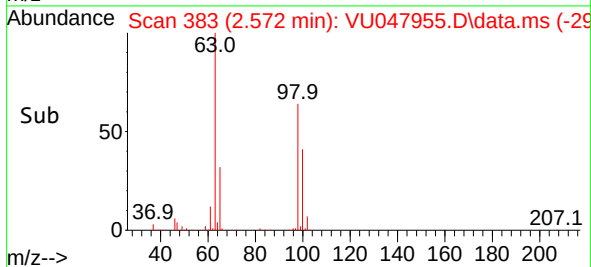
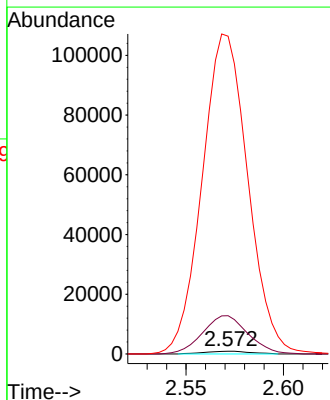
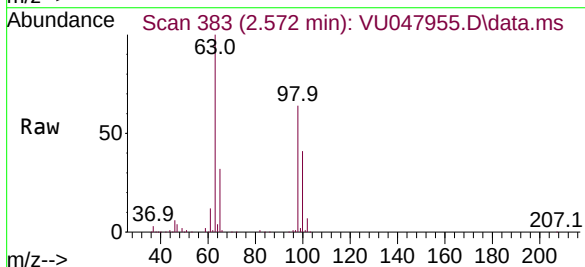


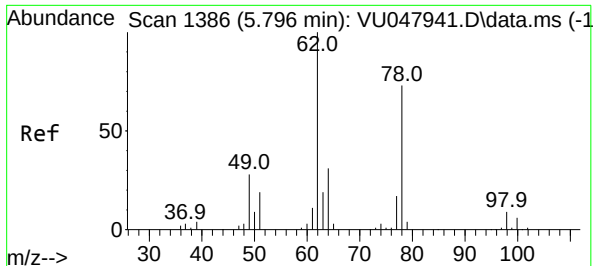
Tgt Ion:101 Resp: 1590
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.589 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU047955.D
 Acq: 12 Apr 2022 15:03

Tgt Ion: 96 Resp: 1483
 Ion Ratio Lower Upper
 96 100
 61 1384.6 113.1 210.1#
 63 11492.9 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 0.919 ug/L

RT: 5.774 min Scan# 1379

Delta R.T. -0.022 min

Lab File: VU047955.D

Acq: 12 Apr 2022 15:03

Instrument :

MSVOA_U

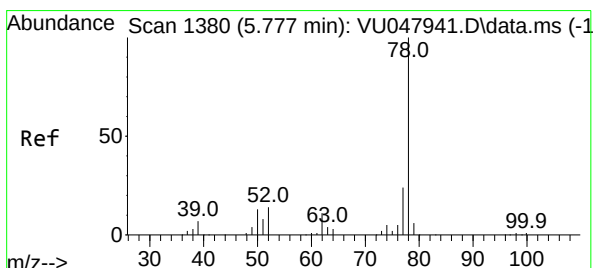
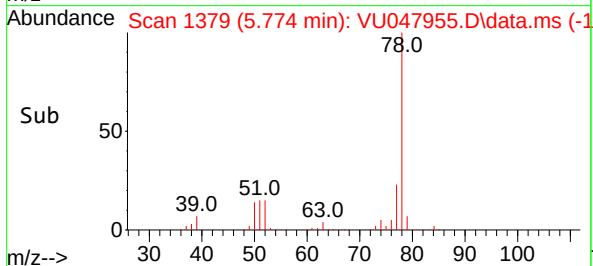
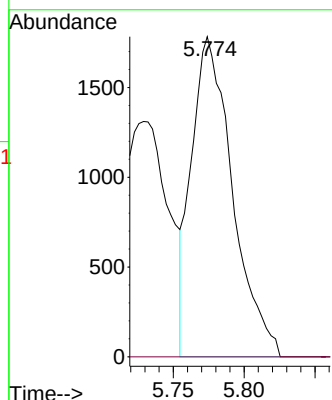
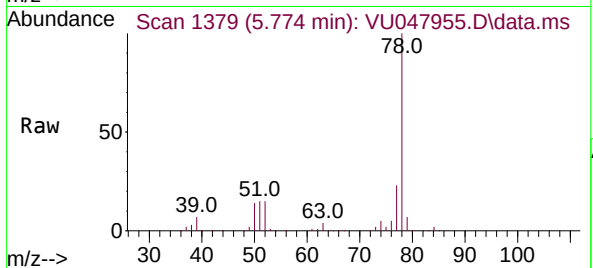
ClientSampleId :

Tgt Ion: 62 Resp: 3578

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 37.142 ug/L

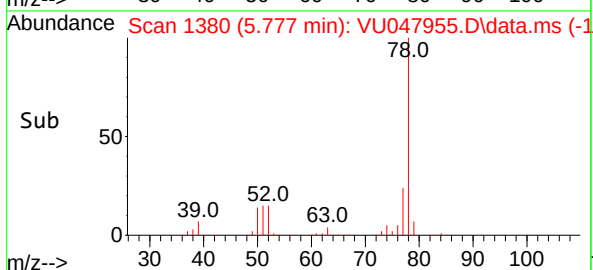
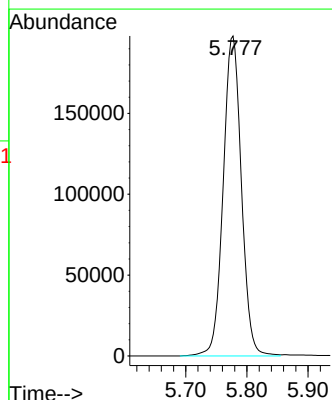
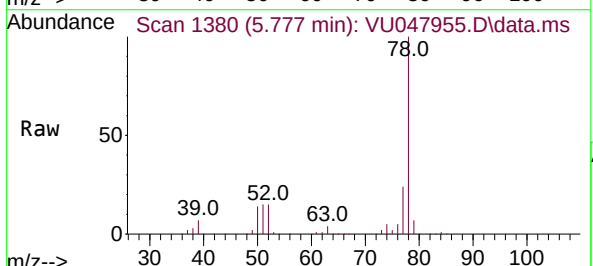
RT: 5.777 min Scan# 1380

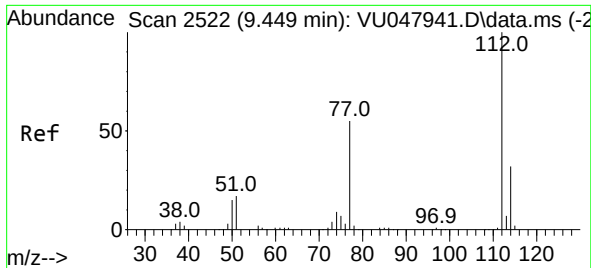
Delta R.T. 0.000 min

Lab File: VU047955.D

Acq: 12 Apr 2022 15:03

Tgt Ion: 78 Resp: 410188

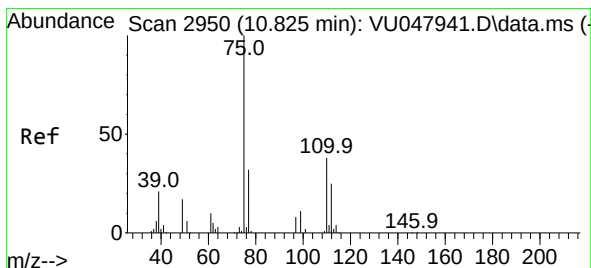
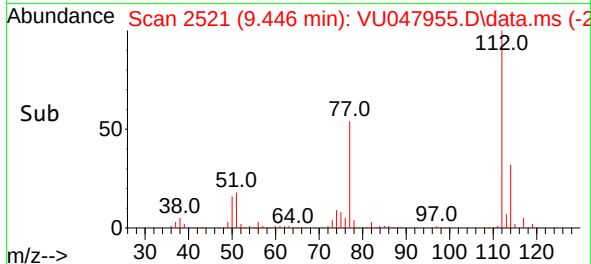
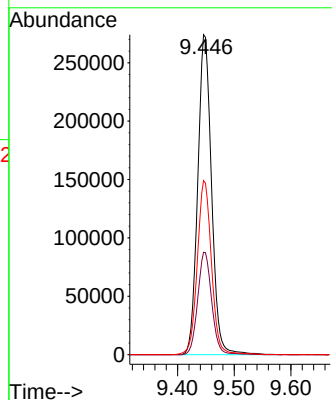
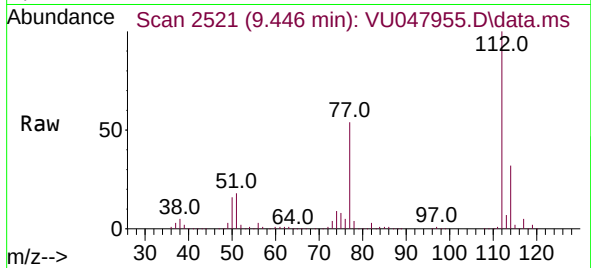




#51
Chlorobenzene
Concen: 56.329 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047955.D
Acq: 12 Apr 2022 15:03

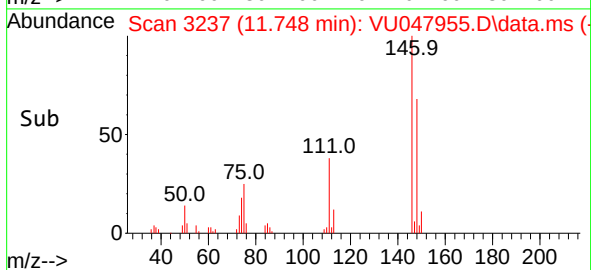
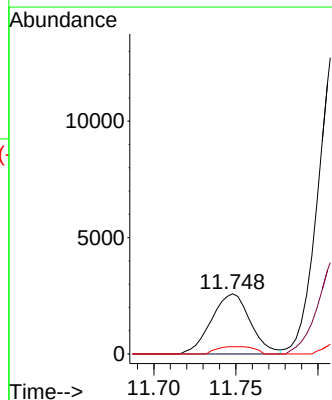
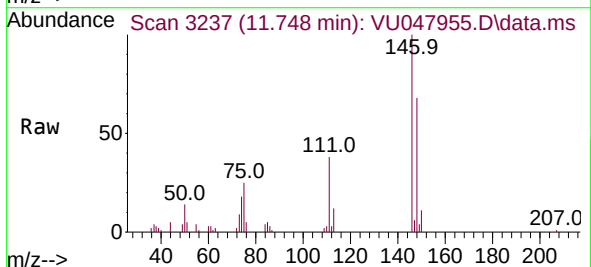
Instrument :
MSVOA_U
ClientSampleId :

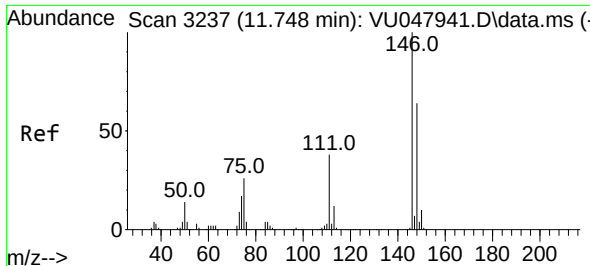
Tgt Ion:112 Resp: 463454
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 54.4 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 1.091 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.923 min
Lab File: VU047955.D
Acq: 12 Apr 2022 15:03

Tgt Ion: 75 Resp: 4261
Ion Ratio Lower Upper
75 100
77 3.0 26.0 39.0#
110 7.1 31.4 47.2#

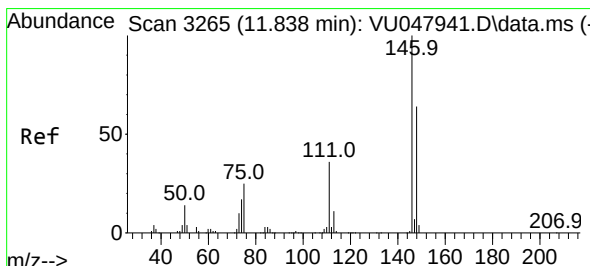
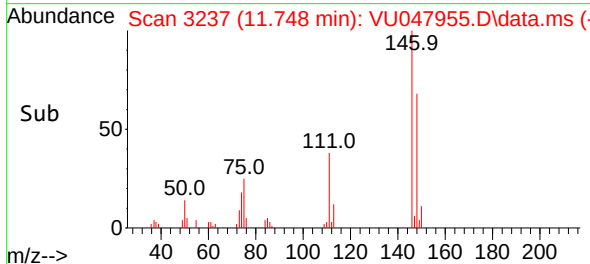
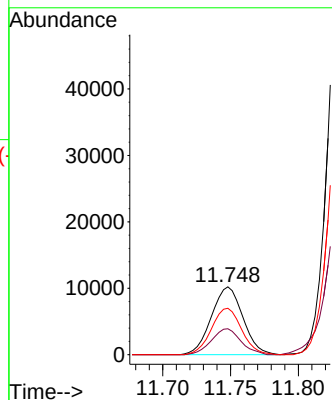
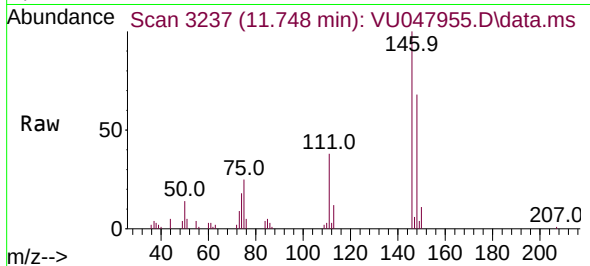




#64
1,3-Dichlorobenzene
Concen: 2.653 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047955.D
Acq: 12 Apr 2022 15:03

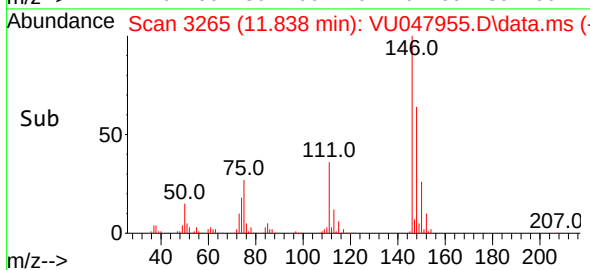
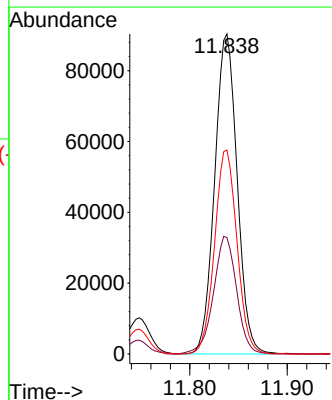
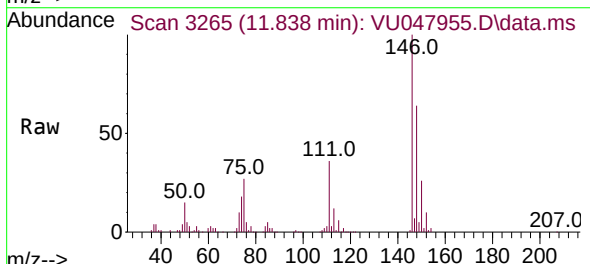
Instrument :
MSVOA_U
ClientSampleId :

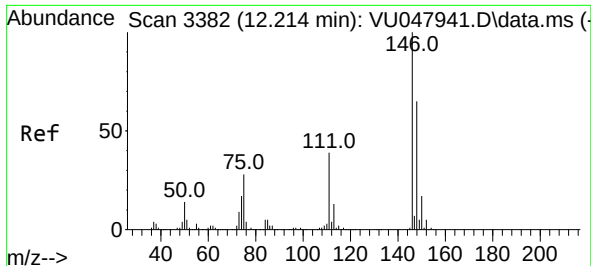
Tgt Ion:146 Resp: 16515
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 68.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 22.528 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047955.D
Acq: 12 Apr 2022 15:03

Tgt Ion:146 Resp: 145228
Ion Ratio Lower Upper
146 100
111 36.4 25.3 47.1
148 63.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 27.725 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047955.D

Acq: 12 Apr 2022 15:03

Instrument :

MSVOA_U

ClientSampleId :

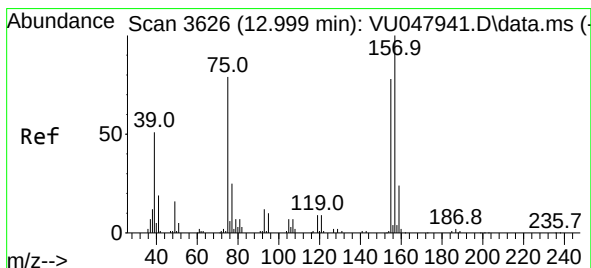
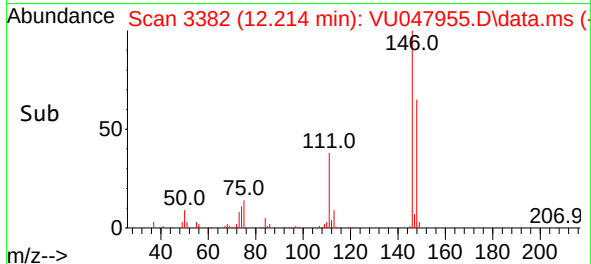
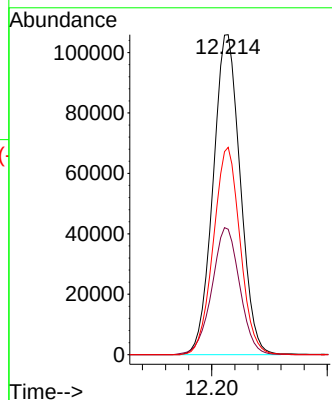
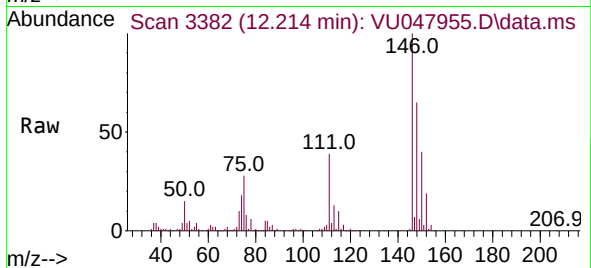
Tgt Ion:146 Resp: 172659

Ion Ratio Lower Upper

146 100

111 39.2 31.7 47.5

148 64.8 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 2.351 ug/L

RT: 12.973 min Scan# 3618

Delta R.T. -0.026 min

Lab File: VU047955.D

Acq: 12 Apr 2022 15:03

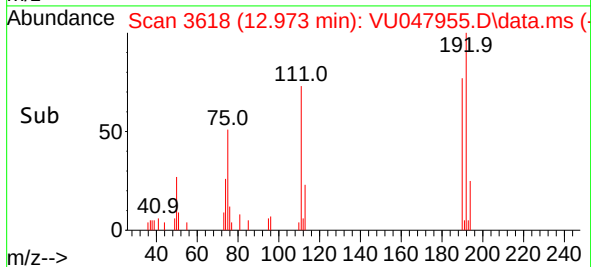
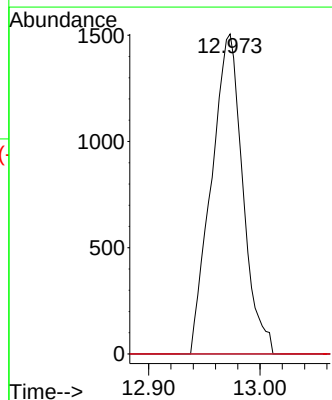
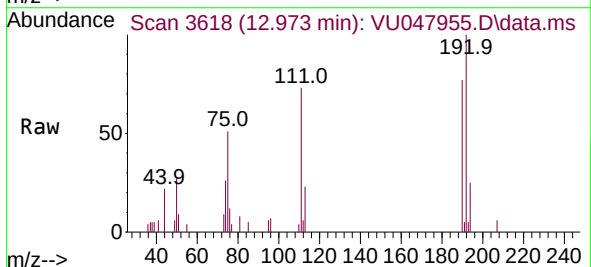
Tgt Ion: 75 Resp: 2942

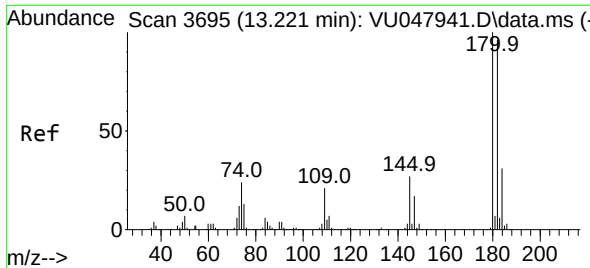
Ion Ratio Lower Upper

75 100

155 0.0 78.9 118.3#

157 0.0 97.5 146.3#

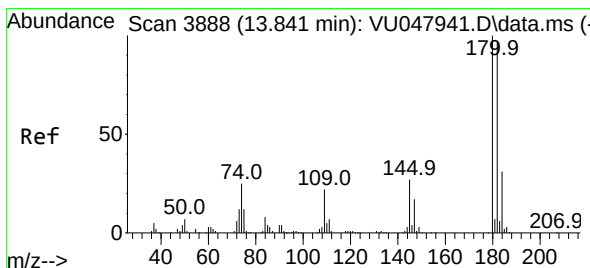
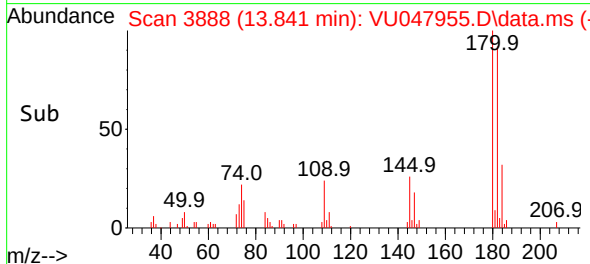
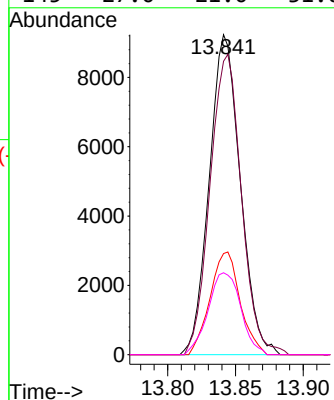
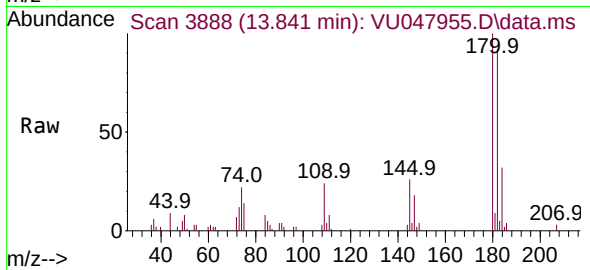




#69
 1,3,5-Trichlorobenzene
 Concen: 2.909 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.621 min
 Lab File: VU047955.D
 Acq: 12 Apr 2022 15:03

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180	Resp:	14702
Ion Ratio	Lower	Upper
180	100	
182	94.7	77.0 115.6
184	31.2	24.5 36.7
145	27.0	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 3.321 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047955.D
 Acq: 12 Apr 2022 15:03

Tgt Ion:180	Resp:	14702
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.2 114.2
145	27.0	21.8 32.8

