

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047904.D
 Acq On : 11 Apr 2022 14:33
 Operator : SY/MD
 Sample : N2343-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:02:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

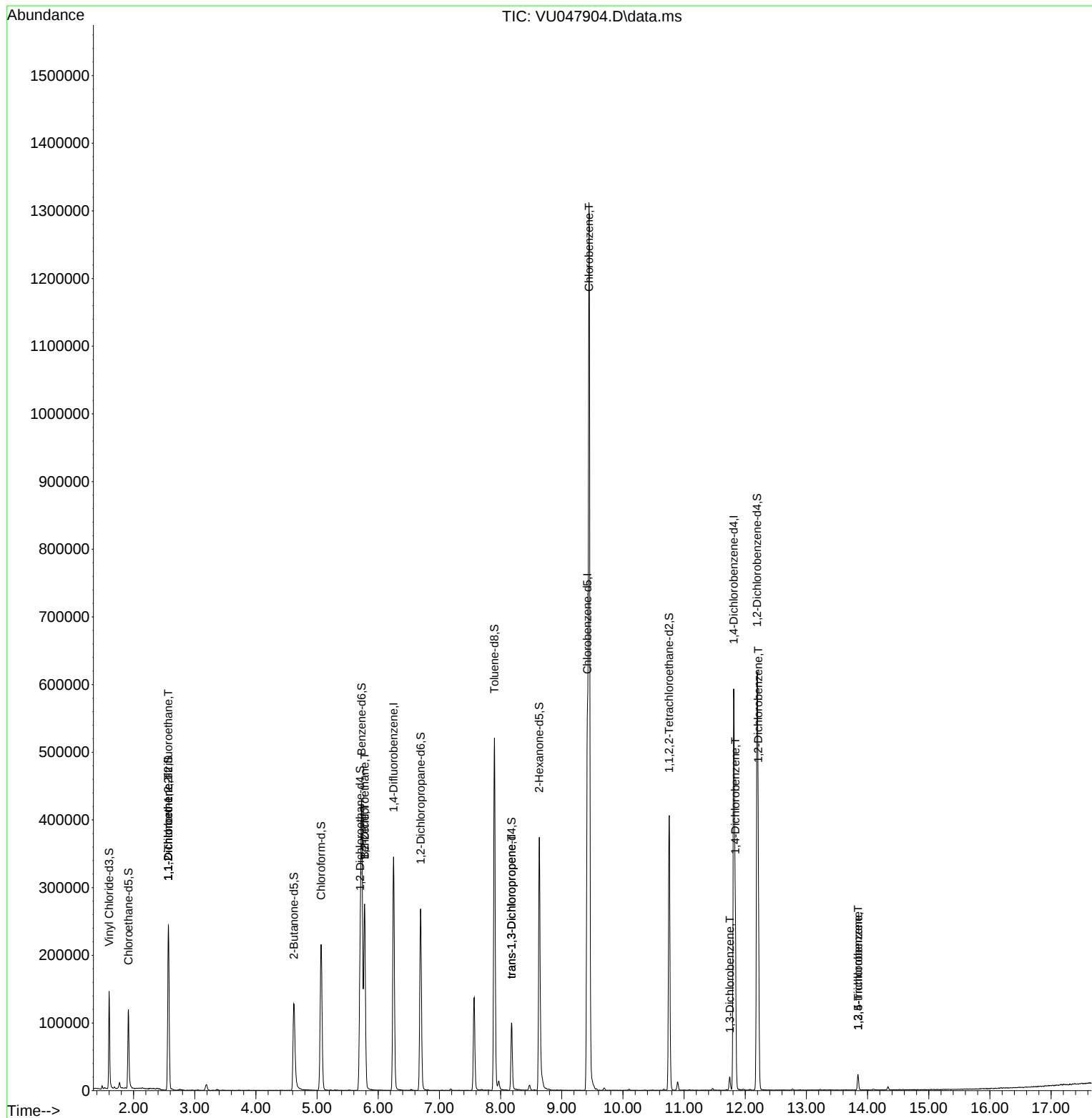
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	295854	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	312401	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163108	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	105442	49.147	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.300%		
7) Chloroethane-d5	1.916	69	93014	54.983	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	109.960%		
11) 1,1-Dichloroethene-d2	2.568	63	137705	35.082	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.160%		
21) 2-Butanone-d5	4.620	46	180161	97.836	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.840%		
24) Chloroform-d	5.066	84	202111	51.486	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.980%		
26) 1,2-Dichloroethane-d4	5.703	65	129522	53.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.600%		
32) Benzene-d6	5.729	84	404573	51.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.940%		
36) 1,2-Dichloropropane-d6	6.693	67	130553	54.078	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	108.160%		
41) Toluene-d8	7.899	98	359438	46.931	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.860%		
43) trans-1,3-Dichloroprop...	8.179	79	55317	45.229	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.460%		
47) 2-Hexanone-d5	8.632	63	128887	91.199	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.200%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	199845	48.236	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.480%		
66) 1,2-Dichlorobenzene-d4	12.195	152	155990	53.755	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.520%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1482	0.680	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1267	0.624	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	2277	0.725	ug/L #	75
33) Benzene	5.777	78	263660	29.158	ug/L	100
44) trans-1,3-Dichloropropene	8.179	75	2310	0.649	ug/L #	69
51) Chlorobenzene	9.446	112	730950	108.501	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	8912	1.819	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	109497	21.576	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	118466	24.164	ug/L	99
69) 1,3,5-Trichlorobenzene	13.844	180	8025	2.017	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	8025	2.302	ug/L	95

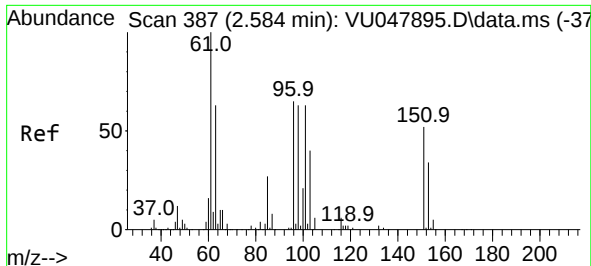
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 12 01:57:58 2022
Response via : Initial Calibration





#10

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

Concen: 0.680 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU047904.D

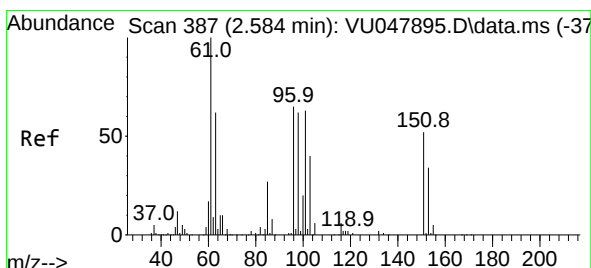
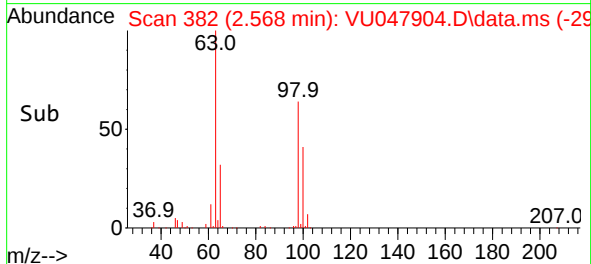
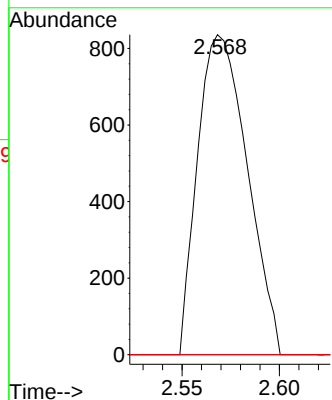
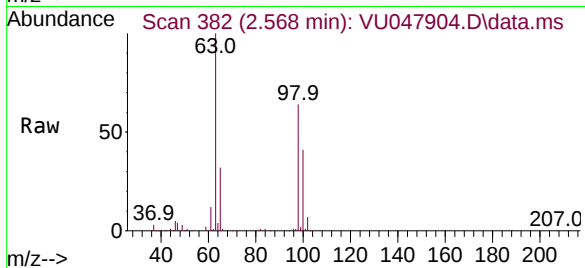
Acq: 11 Apr 2022 14:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	1482
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: 0.624 ug/L

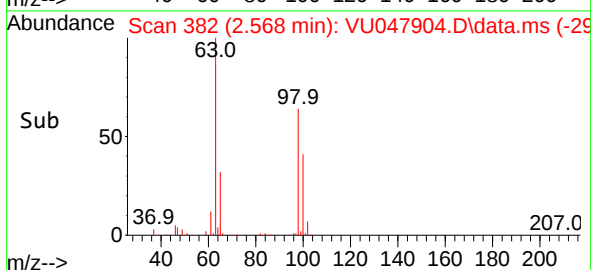
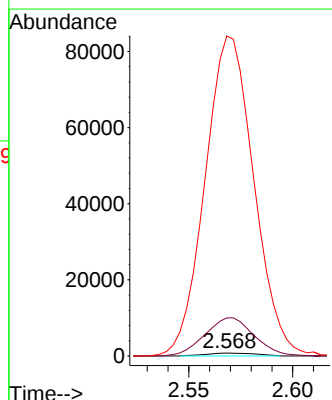
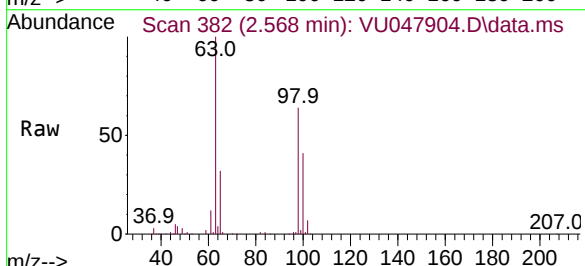
RT: 2.568 min Scan# 382

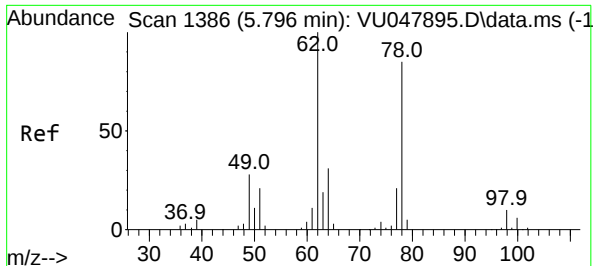
Delta R.T. -0.016 min

Lab File: VU047904.D

Acq: 11 Apr 2022 14:33

Tgt Ion:	96	Resp:	1267
Ion	Ratio	Lower	Upper
96	100		
61	1346.1	113.1	210.1#
63	11301.1	94.8	176.0#





#27

1,2-Dichloroethane

Concen: 0.725 ug/L

RT: 5.777 min Scan# 11

Delta R.T. -0.019 min

Lab File: VU047904.D

Acq: 11 Apr 2022 14:33

Instrument :

MSVOA_U

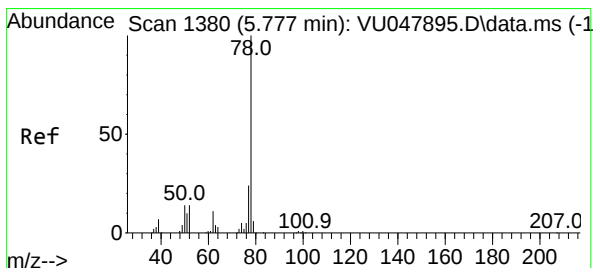
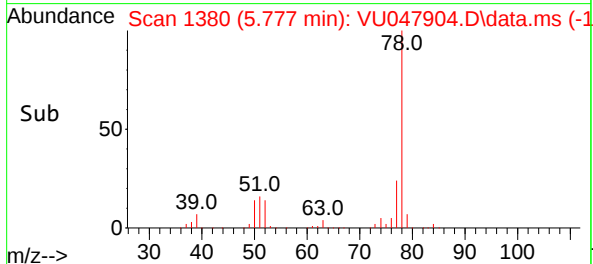
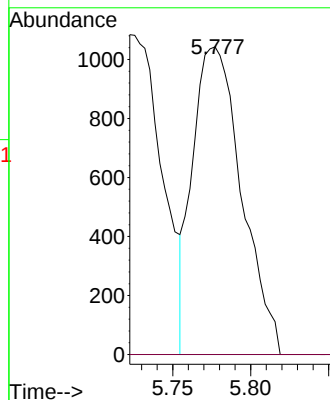
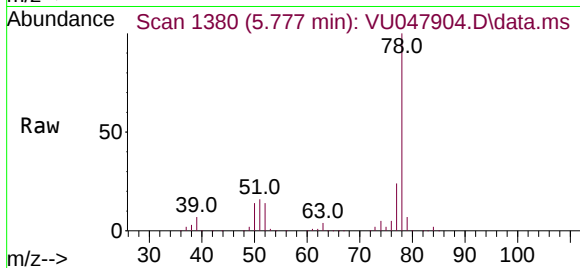
ClientSampleId :

Tgt Ion: 62 Resp: 2277

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 29.158 ug/L

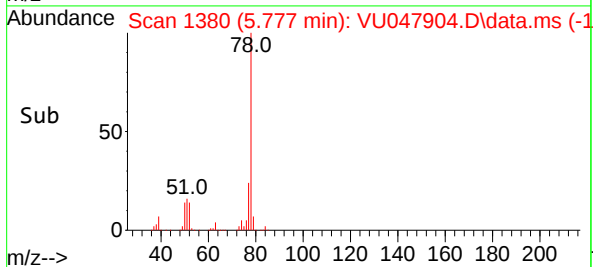
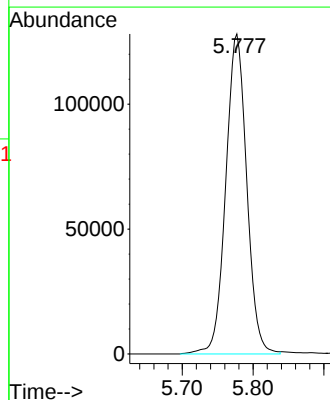
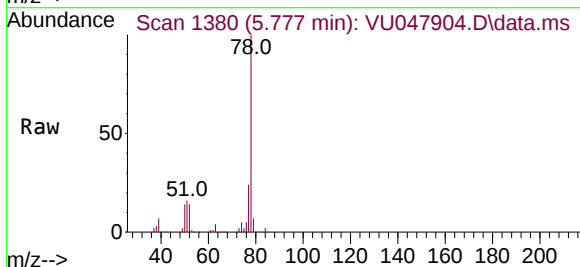
RT: 5.777 min Scan# 1380

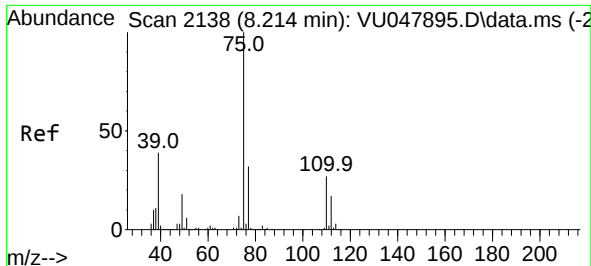
Delta R.T. -0.000 min

Lab File: VU047904.D

Acq: 11 Apr 2022 14:33

Tgt Ion: 78 Resp: 263660

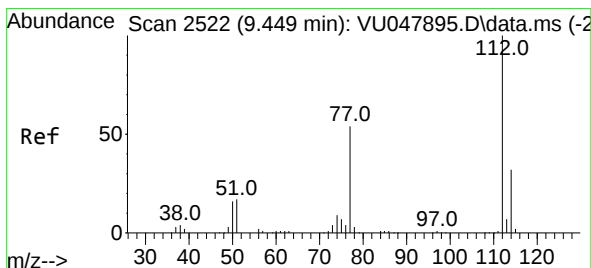
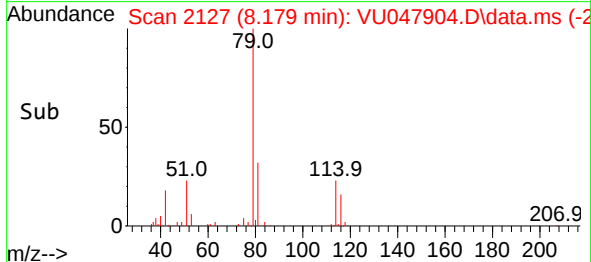
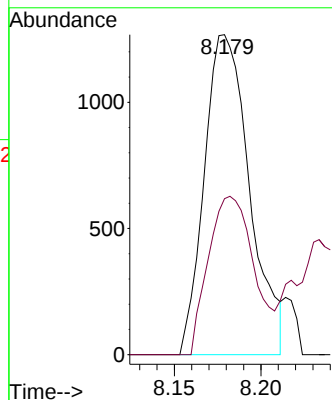
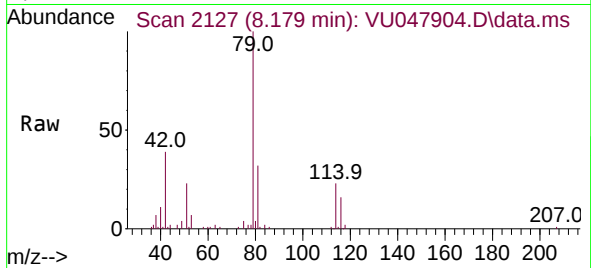




#44
trans-1,3-Dichloropropene
Concen: 0.649 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU047904.D
Acq: 11 Apr 2022 14:33

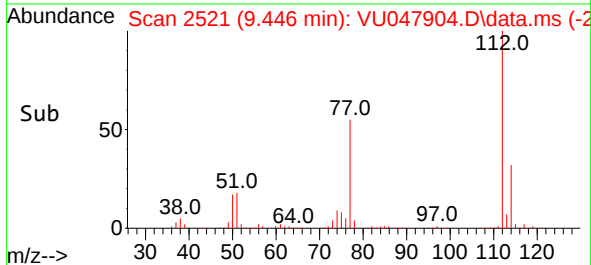
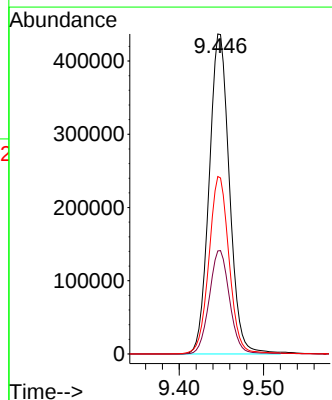
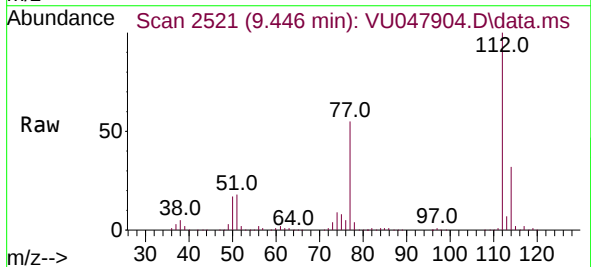
Instrument :
MSVOA_U
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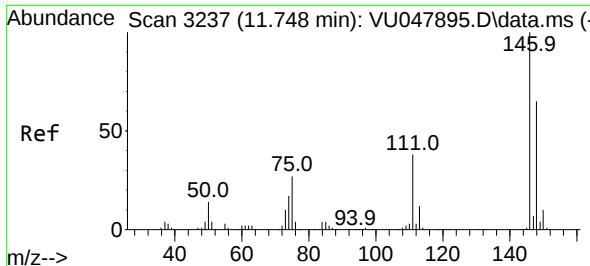
Tgt Ion: 75 Resp: 2310
Ion Ratio Lower Upper
75 100
77 48.7 22.0 40.8#



#51
Chlorobenzene
Concen: 108.501 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047904.D
Acq: 11 Apr 2022 14:33

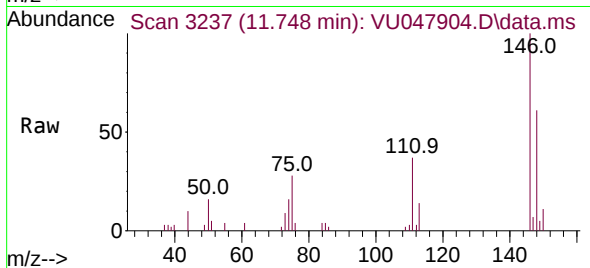
Tgt Ion: 112 Resp: 730950
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 55.4 43.4 65.0



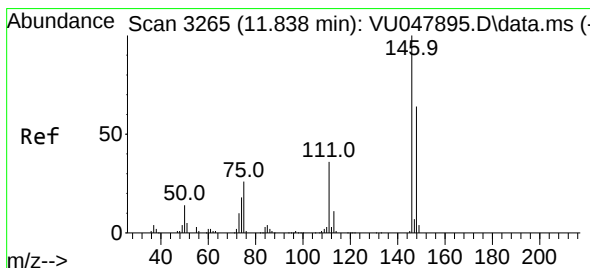
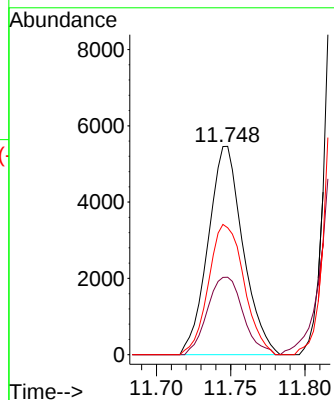
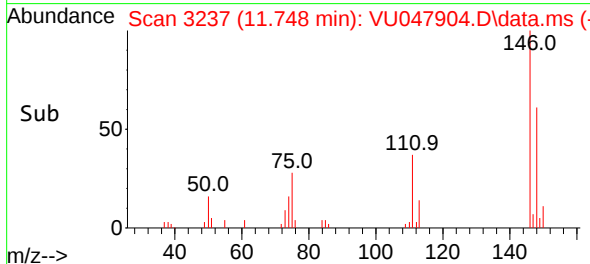


#64
1,3-Dichlorobenzene
Concen: 1.819 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047904.D
Acq: 11 Apr 2022 14:33

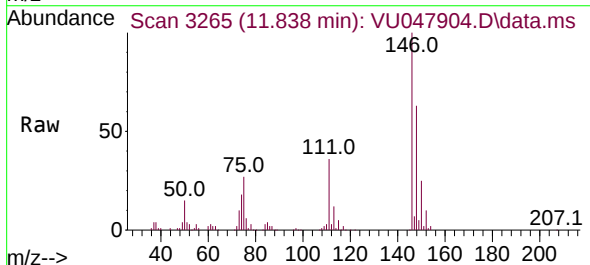
Instrument :
MSVOA_U
ClientSampleId :



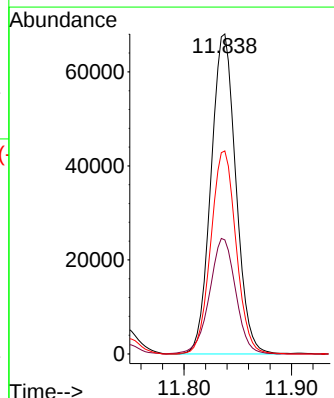
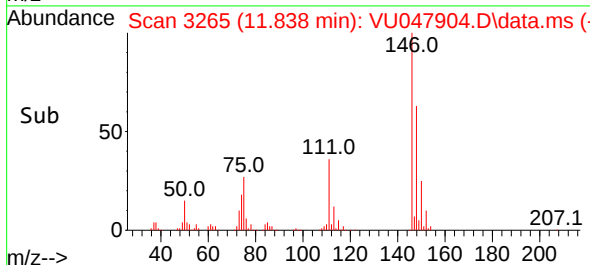
Tgt Ion:146 Resp: 8912
Ion Ratio Lower Upper
146 100
111 37.2 26.7 49.7
148 60.9 44.4 82.5

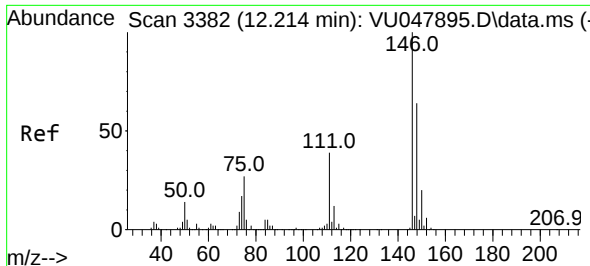


#65
1,4-Dichlorobenzene
Concen: 21.576 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047904.D
Acq: 11 Apr 2022 14:33



Tgt Ion:146 Resp: 109497
Ion Ratio Lower Upper
146 100
111 35.7 25.3 47.1
148 63.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 24.164 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047904.D

Acq: 11 Apr 2022 14:33

Instrument :

MSVOA_U

ClientSampleId :

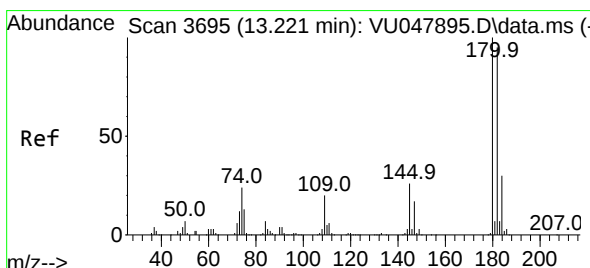
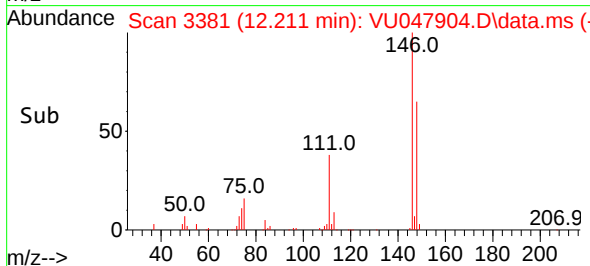
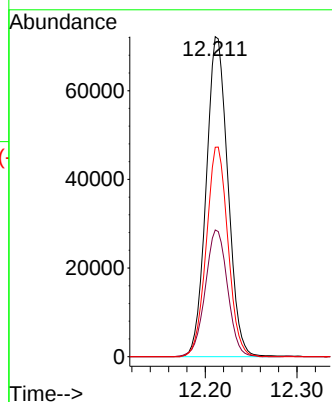
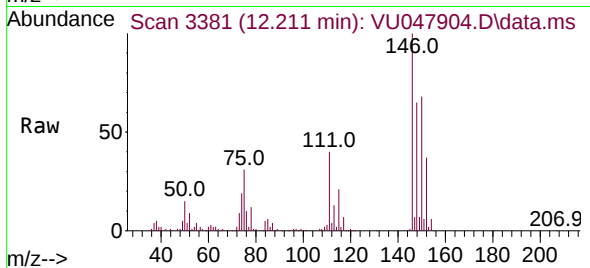
Tgt Ion:146 Resp: 118466

Ion Ratio Lower Upper

146 100

111 39.6 31.7 47.5

148 65.4 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 2.017 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.624 min

Lab File: VU047904.D

Acq: 11 Apr 2022 14:33

Tgt Ion:180 Resp: 8025

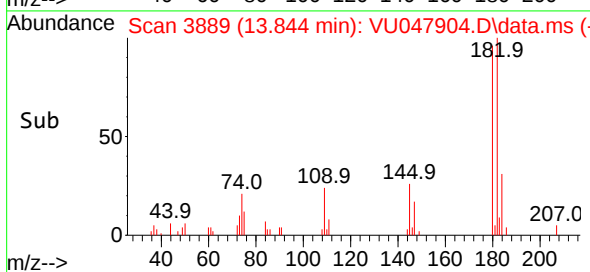
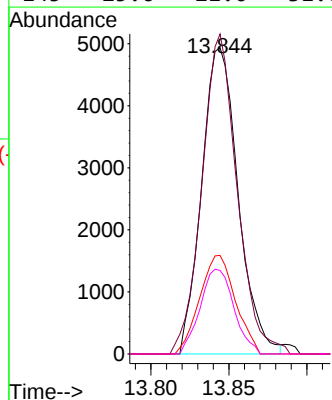
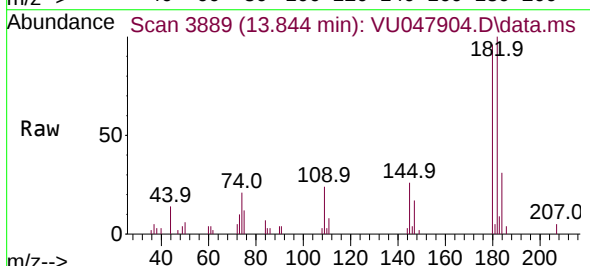
Ion Ratio Lower Upper

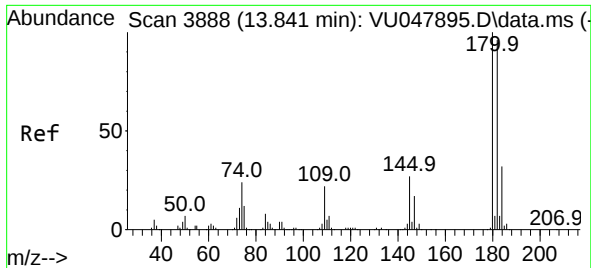
180 100

182 100.7 77.0 115.6

184 31.5 24.5 36.7

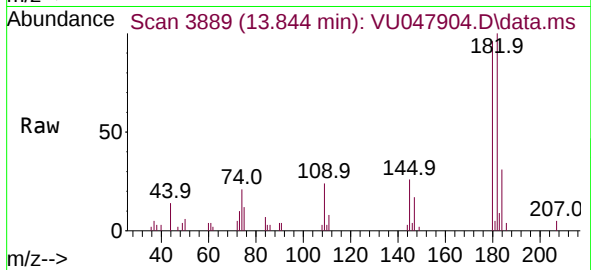
145 25.6 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 2.302 ug/L
 RT: 13.844 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU047904.D
 Acq: 11 Apr 2022 14:33

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	8025
Ion	Ratio	Lower	Upper
180	100		
182	100.7	76.2	114.2
145	25.6	21.8	32.8

