

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047877.D
 Acq On : 08 Apr 2022 19:19
 Operator : SY/MD
 Sample : N2343-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY4

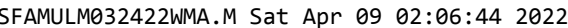
Quant Time: Apr 09 02:06:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

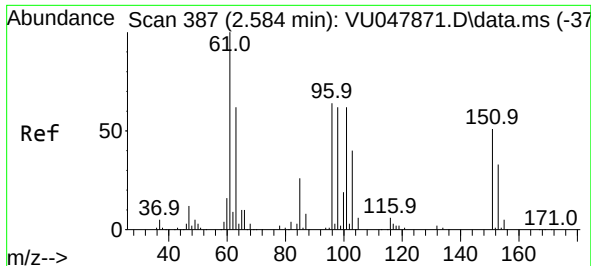
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	301656	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	309954	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163689	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	103363	47.252	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.500%
7) Chloroethane-d5	1.916	69	88297	51.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.380%
11) 1,1-Dichloroethene-d2	2.572	63	132034	32.990	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.980%
21) 2-Butanone-d5	4.626	46	156716	83.467	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.470%
24) Chloroform-d	5.067	84	183817	45.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.840%
26) 1,2-Dichloroethane-d4	5.703	65	118349	48.210	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.420%
32) Benzene-d6	5.729	84	367823	47.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	6.694	67	120467	50.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.580%
41) Toluene-d8	7.899	98	329222	43.325	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.660%
43) trans-1,3-Dichloroprop...	8.182	79	49732	40.983	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.960%
47) 2-Hexanone-d5	8.636	63	113666	81.064	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	182933	44.502	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	146783	50.403	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1379	0.620	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1167	0.564	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	13767	4.300	ug/L #	75
33) Benzene	5.777	78	1656698	184.658	ug/L	100
35) Methylcyclohexane	6.694	83	28723	8.027	ug/L #	20
51) Chlorobenzene	9.446	112	1467524	219.556	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	29163	5.931	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	417492	81.972	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	326864	66.435	ug/L	98
69) 1,3,5-Trichlorobenzene	13.841	180	27169	6.803	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	27169	7.767	ug/L	99

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

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Quant Title : VOC Analysis
QLast Update : Sat Apr 09 01:58:44 2022
Response via : Initial Calibration





#10

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

Concen: 0.620 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU047877.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

C0HY4

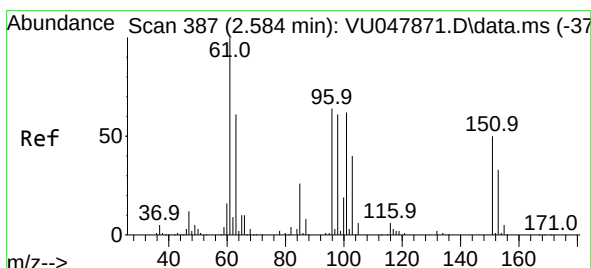
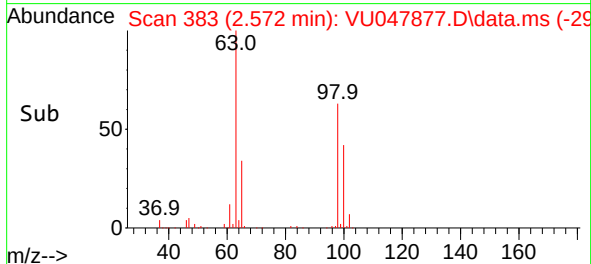
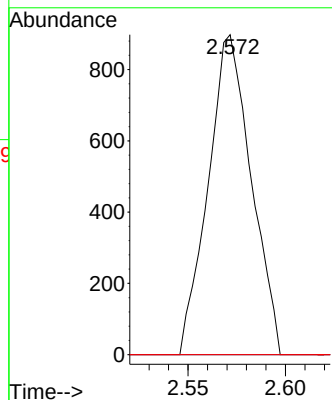
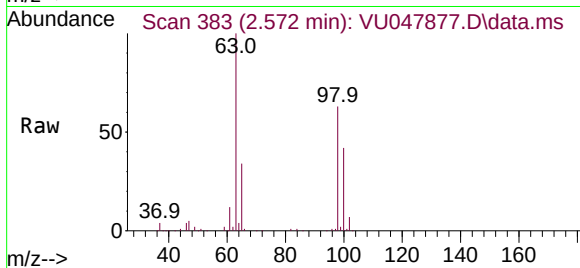
Tgt Ion:101 Resp: 1379

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: 0.564 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU047877.D

Acq: 08 Apr 2022 19:19

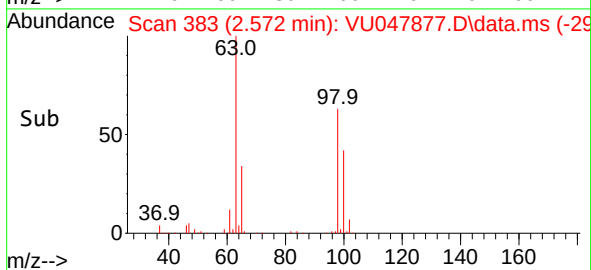
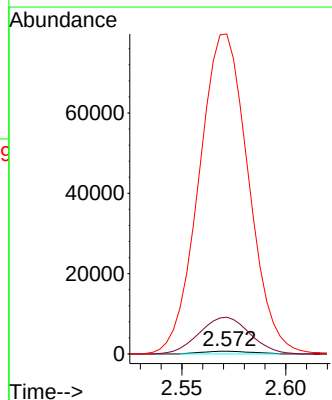
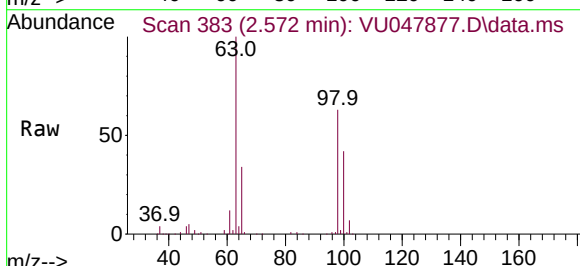
Tgt Ion: 96 Resp: 1167

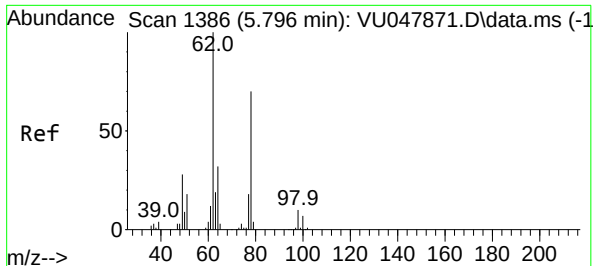
Ion Ratio Lower Upper

96 100

61 1330.9 113.1 210.1#

63 11545.5 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 4.300 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. -0.019 min

Lab File: VU047877.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

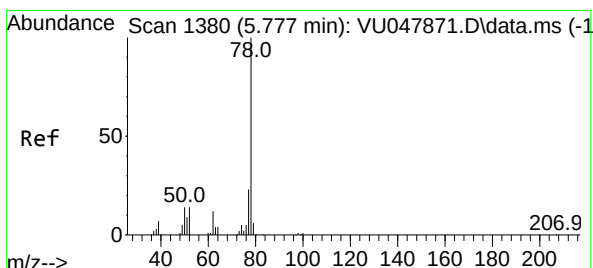
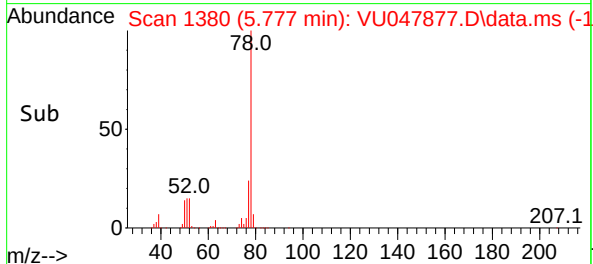
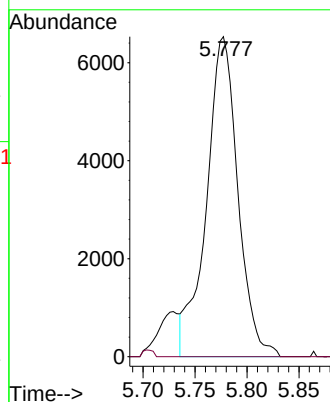
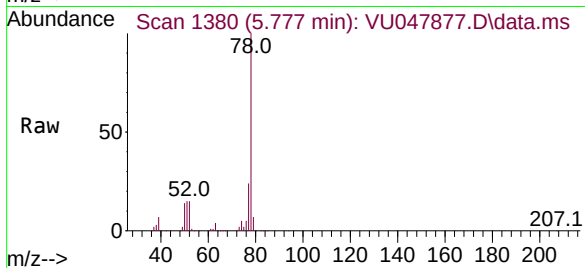
C0HY4

Tgt Ion: 62 Resp: 13767

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 184.658 ug/L

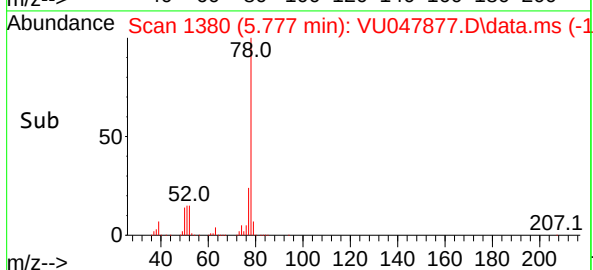
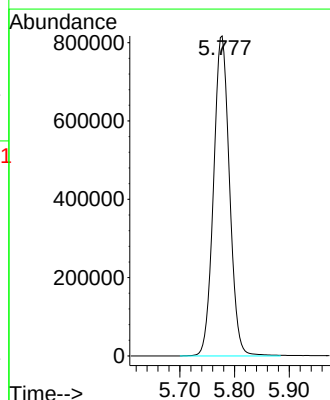
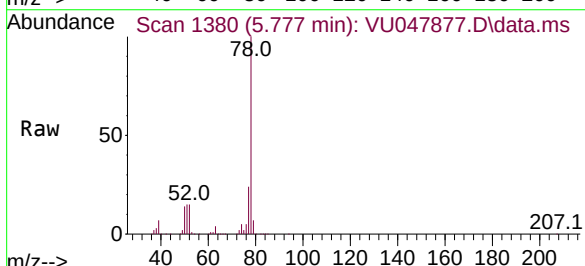
RT: 5.777 min Scan# 1380

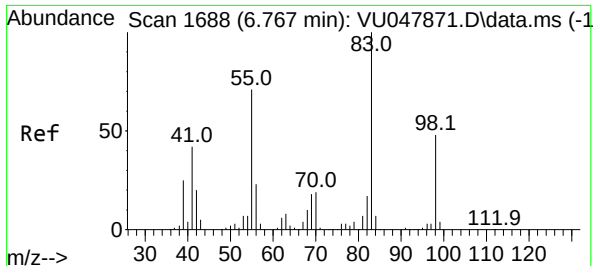
Delta R.T. 0.000 min

Lab File: VU047877.D

Acq: 08 Apr 2022 19:19

Tgt Ion: 78 Resp: 1656698





#35

Methylcyclohexane

Concen: 8.027 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU047877.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

C0HY4

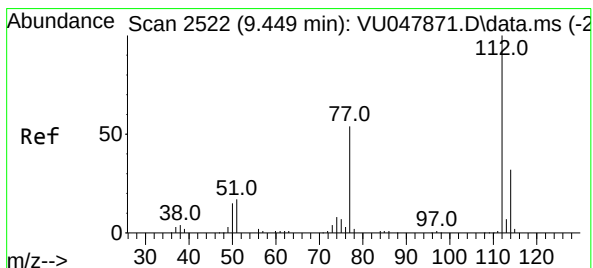
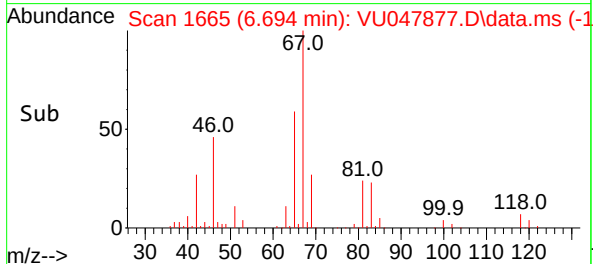
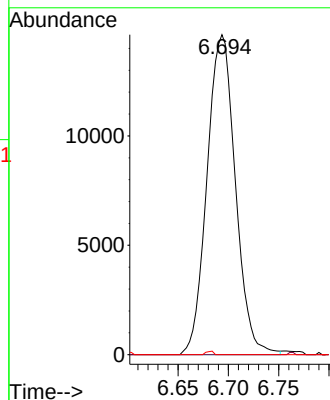
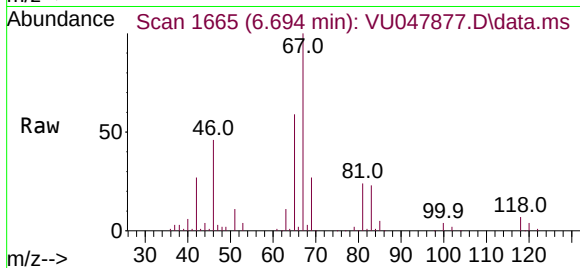
Tgt Ion: 83 Resp: 28723

Ion Ratio Lower Upper

83 100

55 0.1 56.8 85.2#

98 0.3 38.1 57.1#



#51

Chlorobenzene

Concen: 219.556 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU047877.D

Acq: 08 Apr 2022 19:19

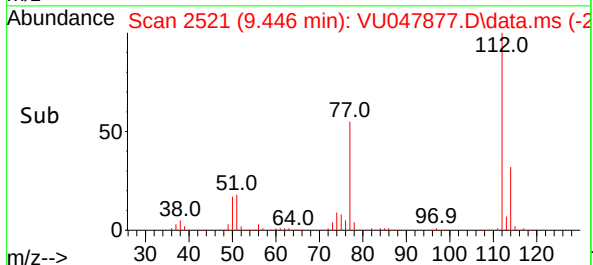
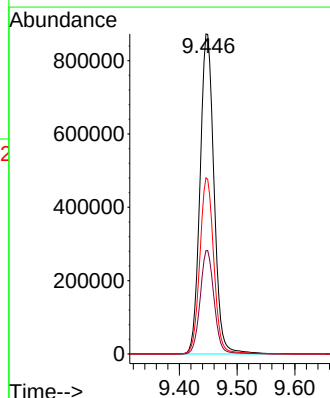
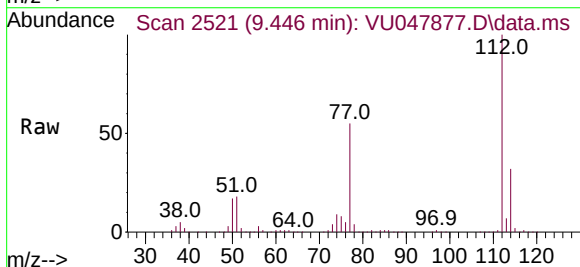
Tgt Ion: 112 Resp: 1467524

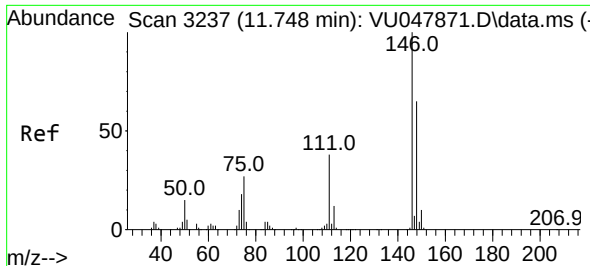
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 55.0 43.4 65.0

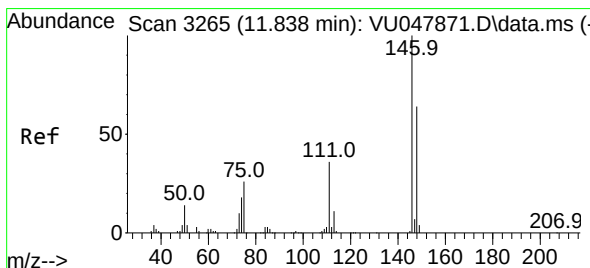
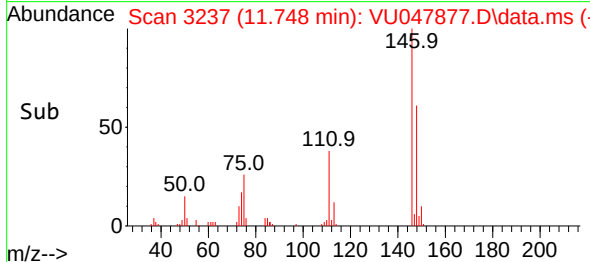
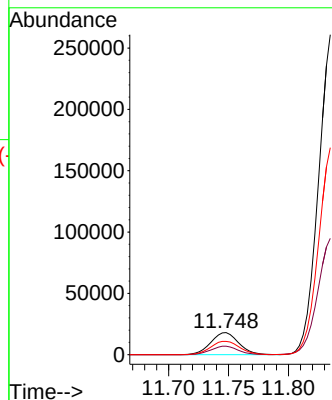
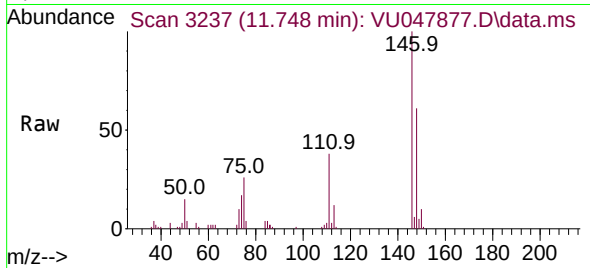




#64
1,3-Dichlorobenzene
Concen: 5.931 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047877.D
Acq: 08 Apr 2022 19:19

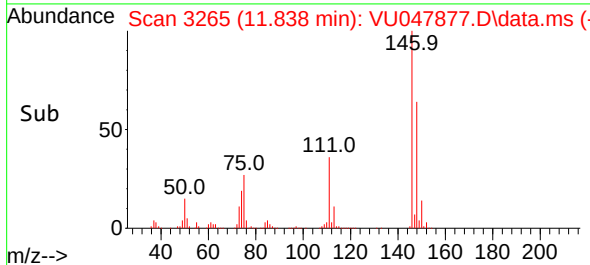
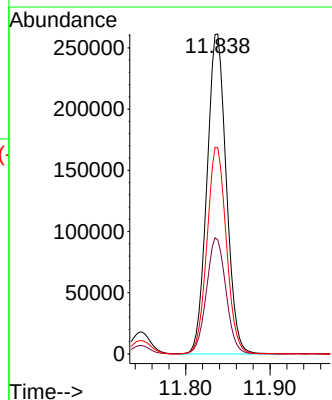
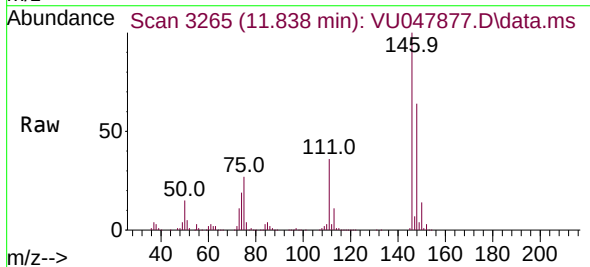
Instrument :
MSVOA_U
ClientSampleId :
C0HY4

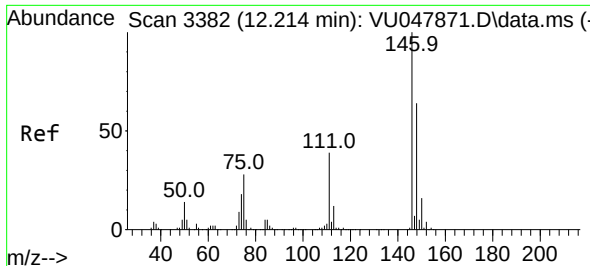
Tgt Ion:146 Resp: 29163
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 60.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 81.972 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047877.D
Acq: 08 Apr 2022 19:19

Tgt Ion:146 Resp: 417492
Ion Ratio Lower Upper
146 100
111 35.6 25.3 47.1
148 64.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 66.435 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047877.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

C0HY4

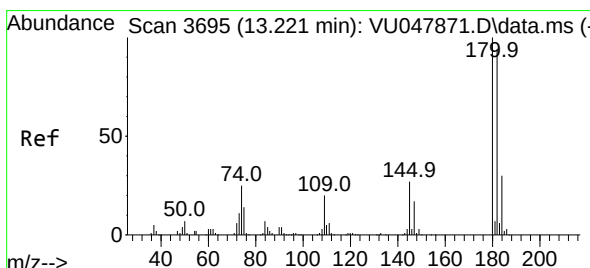
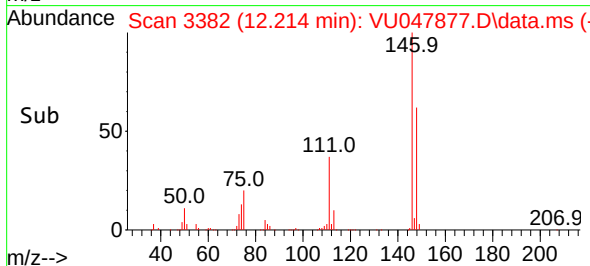
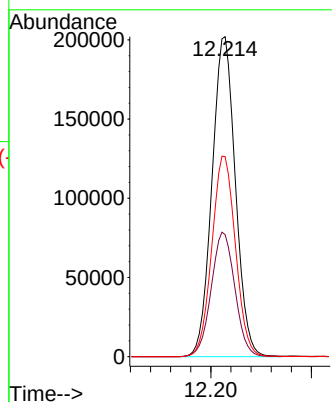
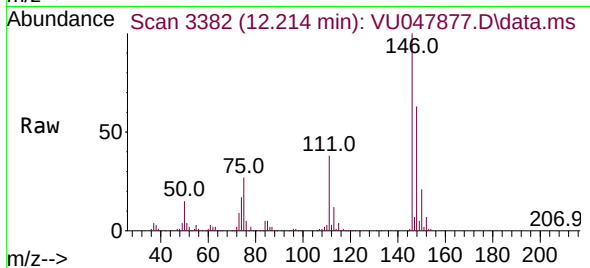
Tgt Ion:146 Resp: 326864

Ion Ratio Lower Upper

146 100

111 38.1 31.7 47.5

148 62.5 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 6.803 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.621 min

Lab File: VU047877.D

Acq: 08 Apr 2022 19:19

Tgt Ion:180 Resp: 27169

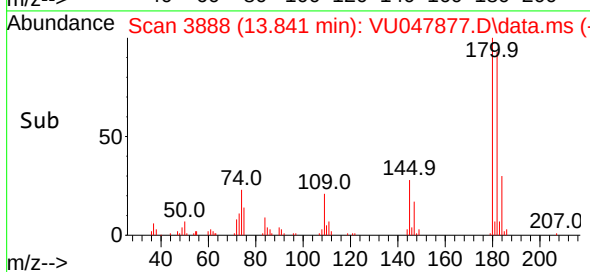
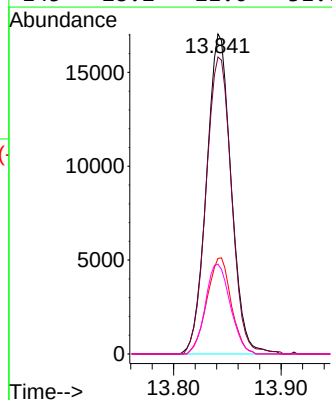
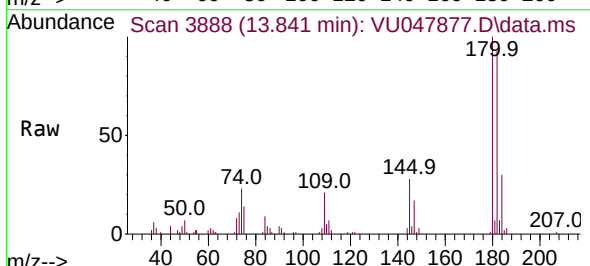
Ion Ratio Lower Upper

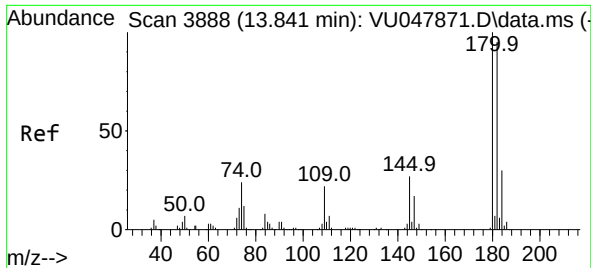
180 100

182 95.7 77.0 115.6

184 29.6 24.5 36.7

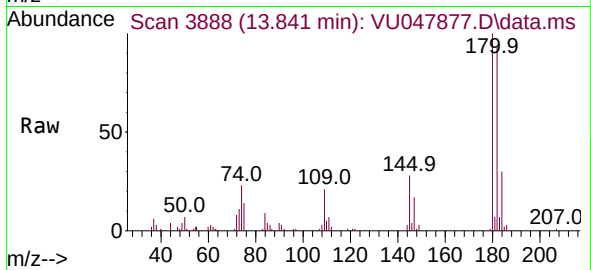
145 28.2 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 7.767 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047877.D
 Acq: 08 Apr 2022 19:19

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY4



Tgt Ion:	180	Resp:	27169
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.2	114.2
145	28.2	21.8	32.8

