

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048023.D
 Acq On : 13 Apr 2022 23:08
 Operator : SY/MD
 Sample : N2386-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

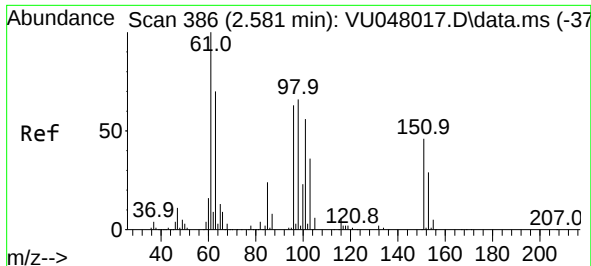
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY5

Quant Time: Apr 14 07:18:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	341616	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	362388	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	192550	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	107619	43.442	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.880%
7) Chloroethane-d5	1.916	69	95071	48.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.340%
11) 1,1-Dichloroethene-d2	2.568	63	144758	31.939	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.880%
21) 2-Butanone-d5	4.620	46	191044	89.848	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.850%
24) Chloroform-d	5.066	84	210638	46.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.940%
26) 1,2-Dichloroethane-d4	5.703	65	136711	49.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.360%
32) Benzene-d6	5.729	84	427223	46.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.700%
36) 1,2-Dichloropropane-d6	6.693	67	138574	49.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.960%
41) Toluene-d8	7.899	98	374692	42.175	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.340%
43) trans-1,3-Dichloroprop...	8.179	79	57491	40.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.040%
47) 2-Hexanone-d5	8.632	63	139854	85.309	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.310%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	214398	44.610	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.220%
66) 1,2-Dichlorobenzene-d4	12.195	152	172368	50.317	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.640%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1447	0.575	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1189	0.507	ug/L #	1
33) Benzene	5.774	78	18652	1.778	ug/L	100
39) cis-1,3-Dichloropropene	7.568	75	3402	0.822	ug/L #	62
51) Chlorobenzene	9.449	112	992328	126.981	ug/L	99
60) 1,2,3-Trichloropropane	11.745	75	8908	2.454	ug/L #	48
64) 1,3-Dichlorobenzene	11.748	146	34433	5.953	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	235581	39.322	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	238206	41.159	ug/L	99
69) 1,3,5-Trichlorobenzene	13.844	180	12076	2.571	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	12076	2.935	ug/L	99

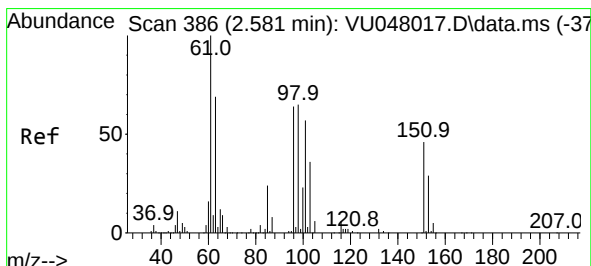
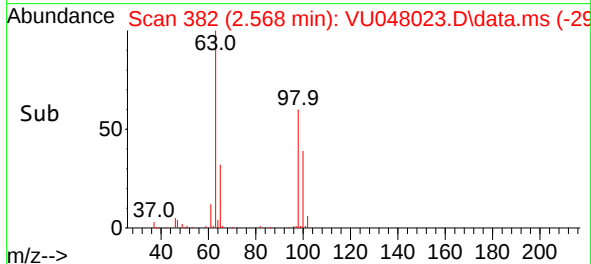
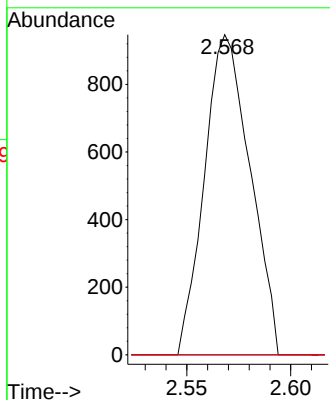
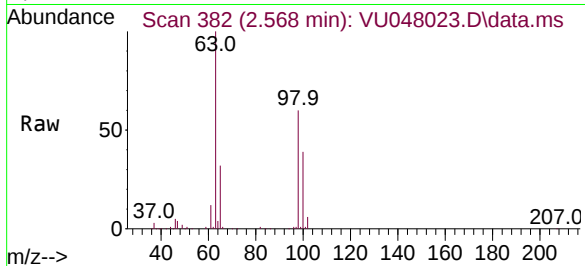
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.575 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048023.D
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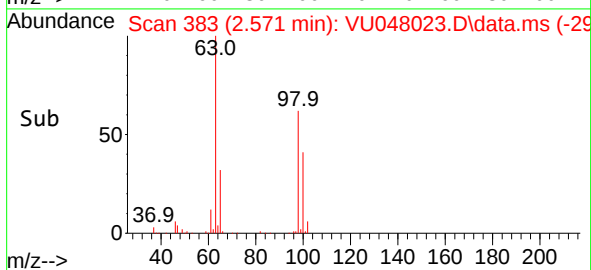
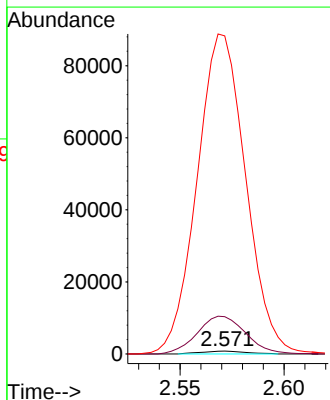
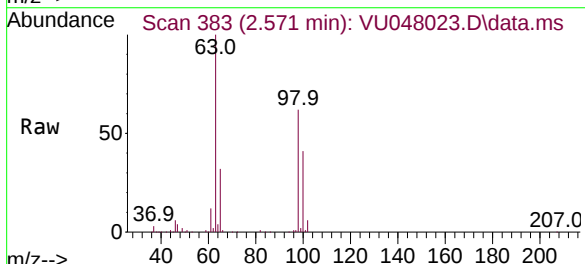
Instrument :
 MSVOA_U
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 C0HY5

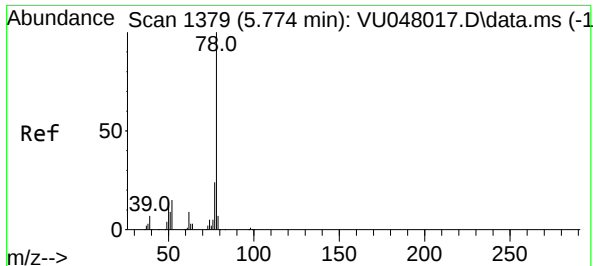
Tgt Ion:101 Resp: 1447
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.507 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048023.D
 Acq: 13 Apr 2022 23:08

Tgt Ion: 96 Resp: 1189
 Ion Ratio Lower Upper
 96 100
 61 1286.6 113.1 210.1#
 63 10980.1 94.8 176.0#





#33

Benzene

Concen: 1.778 ug/L

RT: 5.774 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048023.D

Acq: 13 Apr 2022 23:08

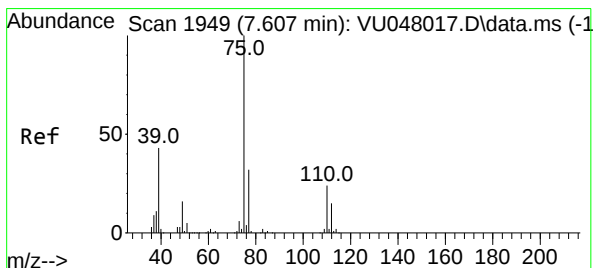
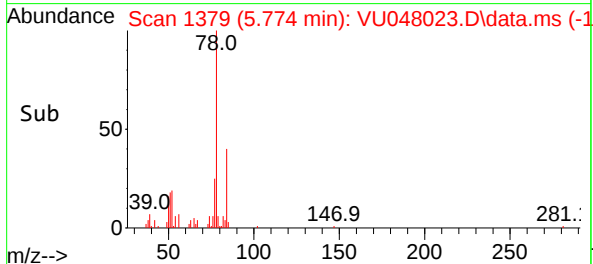
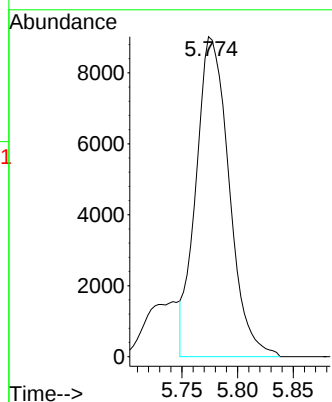
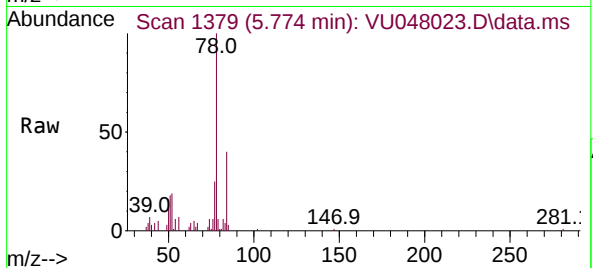
Instrument :

MSVOA_U

ClientSampleId :

C0HY5

Tgt Ion: 78 Resp: 18652



#39

cis-1,3-Dichloropropene

Concen: 0.822 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU048023.D

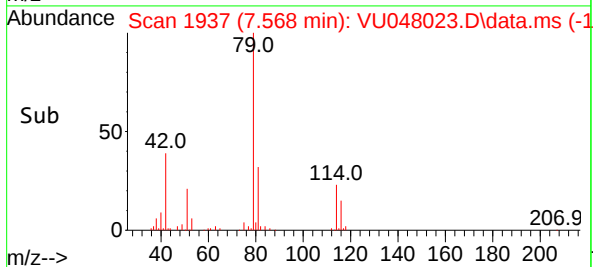
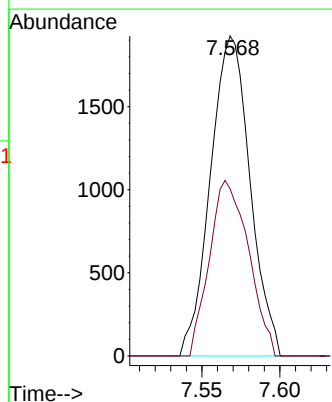
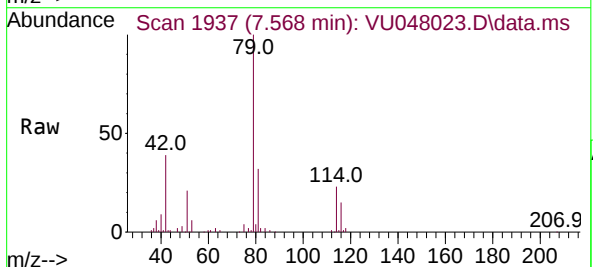
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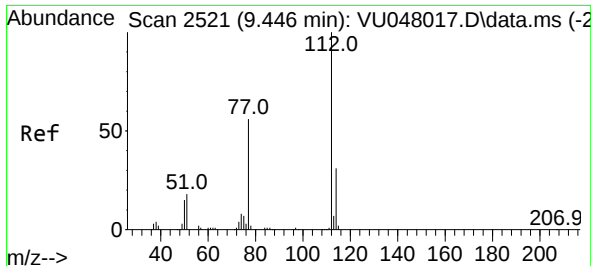
Tgt Ion: 75 Resp: 3402

Ion Ratio Lower Upper

75 100

77 52.3 21.8 40.6#

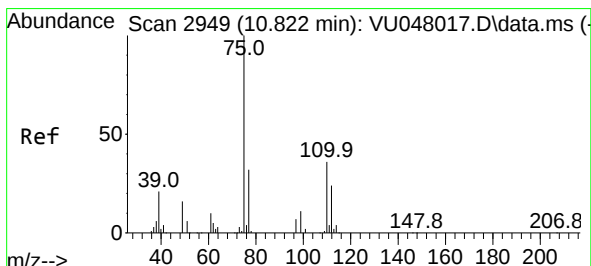
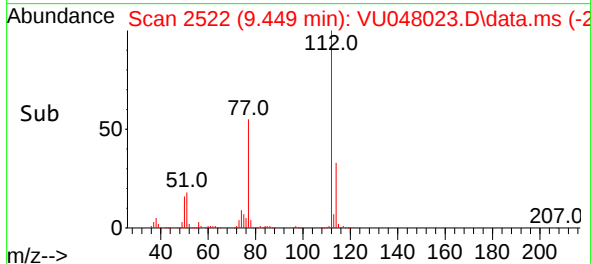
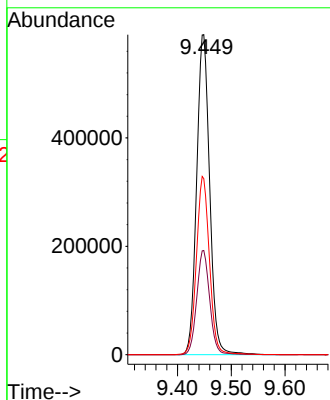
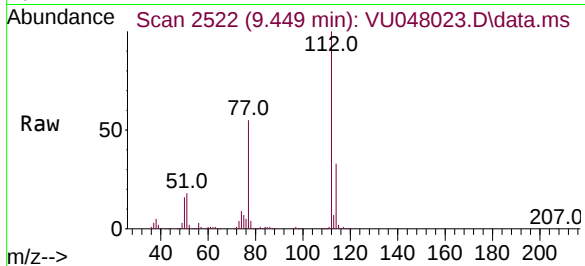




#51
Chlorobenzene
Concen: 126.981 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048023.D
Acq: 13 Apr 2022 23:08

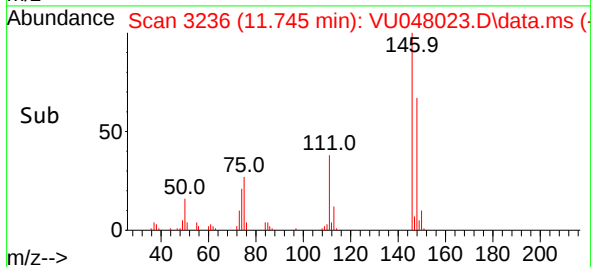
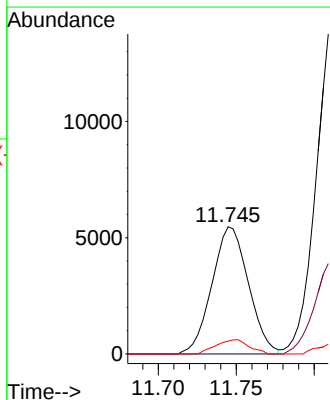
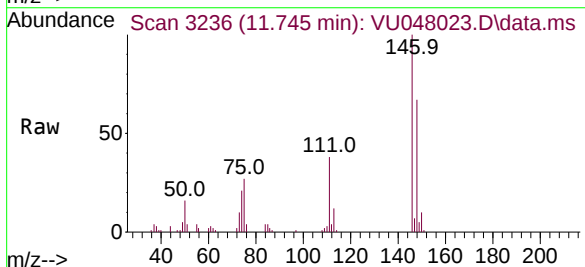
Instrument :
MSVOA_U
ClientSampleId :
C0HY5

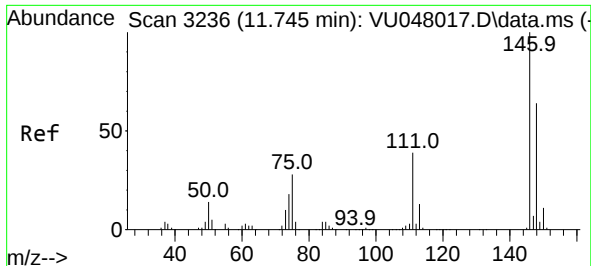
Tgt Ion:112 Resp: 992328
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 55.0 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 2.454 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.922 min
Lab File: VU048023.D
Acq: 13 Apr 2022 23:08

Tgt Ion: 75 Resp: 8908
Ion Ratio Lower Upper
75 100
77 0.5 26.0 39.0#
110 10.1 31.4 47.2#

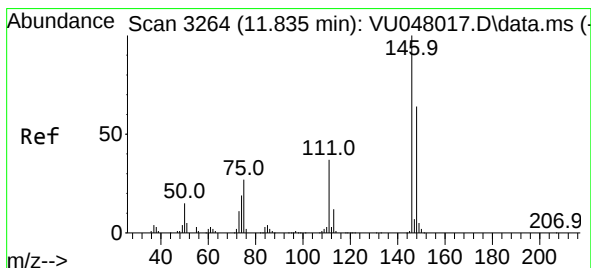
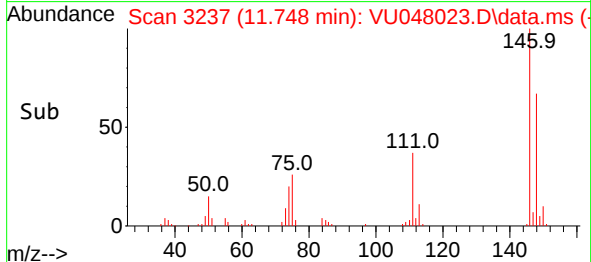
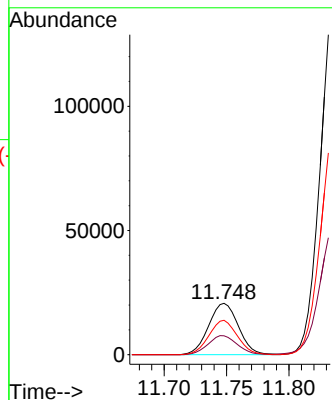
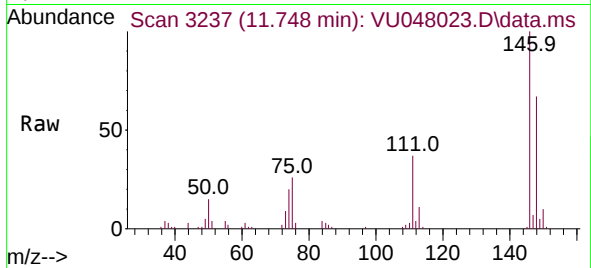




#64
1,3-Dichlorobenzene
Concen: 5.953 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048023.D
Acq: 13 Apr 2022 23:08

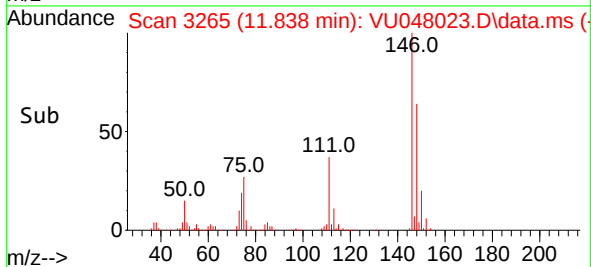
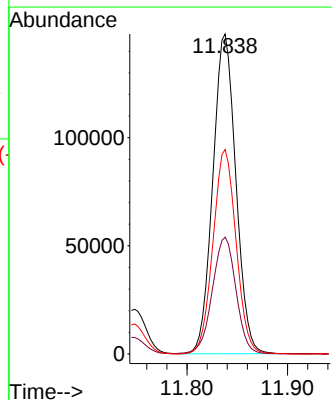
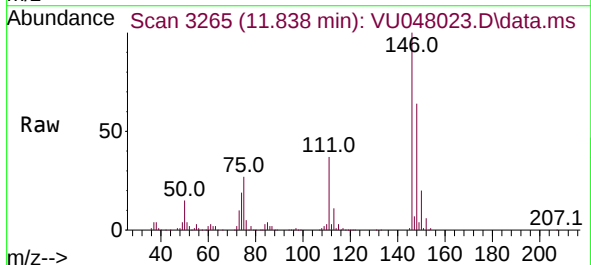
Instrument :
MSVOA_U
ClientSampleId :
C0HY5

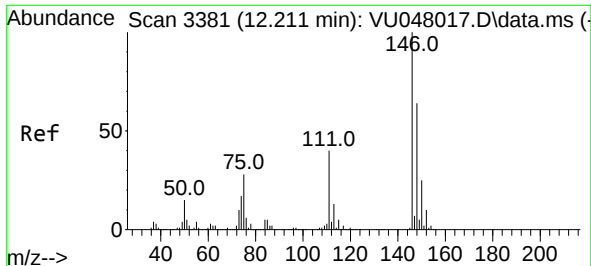
Tgt Ion:146 Resp: 34433
Ion Ratio Lower Upper
146 100
111 36.8 26.7 49.7
148 67.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 39.322 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048023.D
Acq: 13 Apr 2022 23:08

Tgt Ion:146 Resp: 235581
Ion Ratio Lower Upper
146 100
111 36.5 25.3 47.1
148 63.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 41.159 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048023.D

Acq: 13 Apr 2022 23:08

Instrument :

MSVOA_U

ClientSampleId :

C0HY5

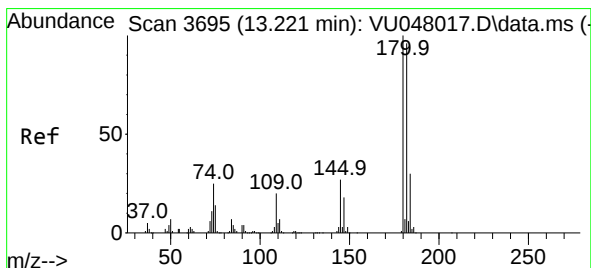
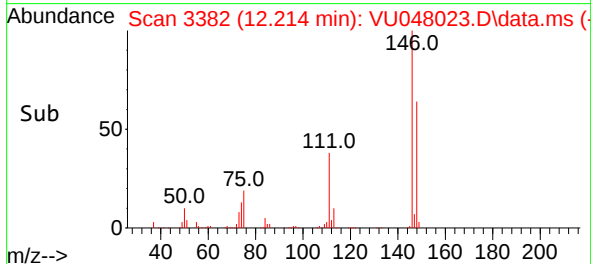
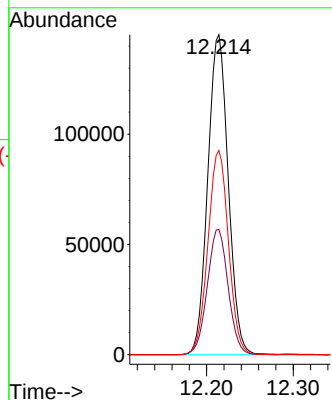
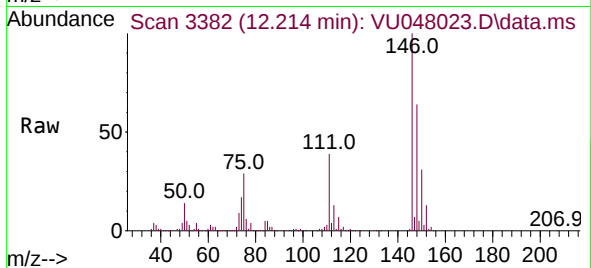
Tgt Ion:146 Resp: 238206

Ion Ratio Lower Upper

146 100

111 39.1 31.7 47.5

148 63.8 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 2.571 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.623 min

Lab File: VU048023.D

Acq: 13 Apr 2022 23:08

Tgt Ion:180 Resp: 12076

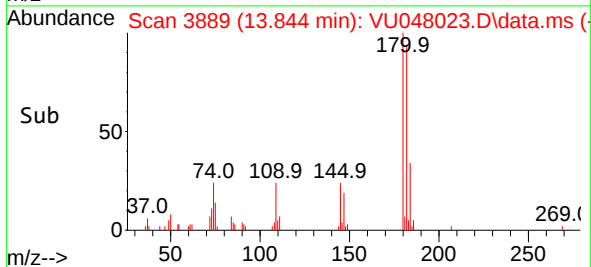
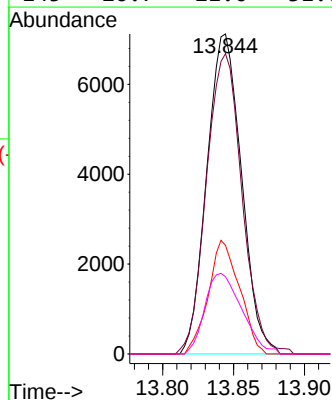
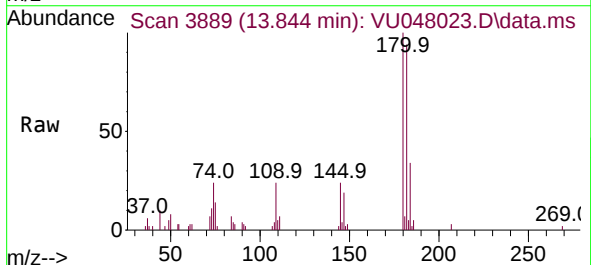
Ion Ratio Lower Upper

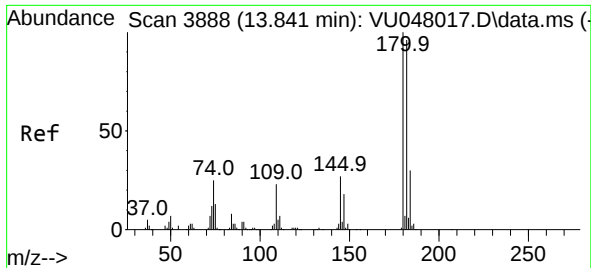
180 100

182 96.1 77.0 115.6

184 32.1 24.5 36.7

145 26.7 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 2.935 ug/L
 RT: 13.844 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU048023.D
 Acq: 13 Apr 2022 23:08

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY5

Tgt Ion:	180	Resp:	12076
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.2	114.2
145	26.7	21.8	32.8

