

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048221.D
 Acq On : 22 Apr 2022 13:47
 Operator : SY/MD
 Sample : N2485-13DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:01:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	303767	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	331355	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	171434	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	112441	51.044	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.080%
7) Chloroethane-d5	1.880	69	82291	47.378	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.760%
11) 1,1-Dichloroethene-d2	2.559	63	136921	33.973	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.940%
21) 2-Butanone-d5	4.623	46	166335	87.974	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.970%
24) Chloroform-d	5.063	84	177111	43.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.880%
26) 1,2-Dichloroethane-d4	5.700	65	112839	45.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.300%
32) Benzene-d6	5.726	84	376179	45.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.240%
36) 1,2-Dichloropropane-d6	6.690	67	122590	47.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	7.899	98	326248	40.161	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.320%
43) trans-1,3-Dichloroprop...	8.179	79	52027	40.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.220%
47) 2-Hexanone-d5	8.636	63	115111	76.792	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.790%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	209472	47.667	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.340%
66) 1,2-Dichlorobenzene-d4	12.195	152	146591	48.063	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.120%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1283	0.573	ug/L #	18
12) 1,1-Dichloroethene	2.559	96	1074	0.515	ug/L #	1
22) 2-Butanone	4.710	43	12896	5.690	ug/L	94
27) 1,2-Dichloroethane	5.774	62	1286	0.399	ug/L #	75
33) Benzene	5.774	78	177920	18.550	ug/L	100
35) Methylcyclohexane	6.690	83	27960	7.309	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	12416	5.092	ug/L #	87
39) cis-1,3-Dichloropropene	7.562	75	2761	0.730	ug/L #	69
51) Chlorobenzene	9.449	112	361444	50.583	ug/L	98
60) 1,2,3-Trichloropropane	11.748	75	4860	1.504	ug/L #	46
64) 1,3-Dichlorobenzene	11.748	146	18075	3.510	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	108925	20.421	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	130688	25.362	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	49477	11.830	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	49477	13.506	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	13431	3.657	ug/L	99

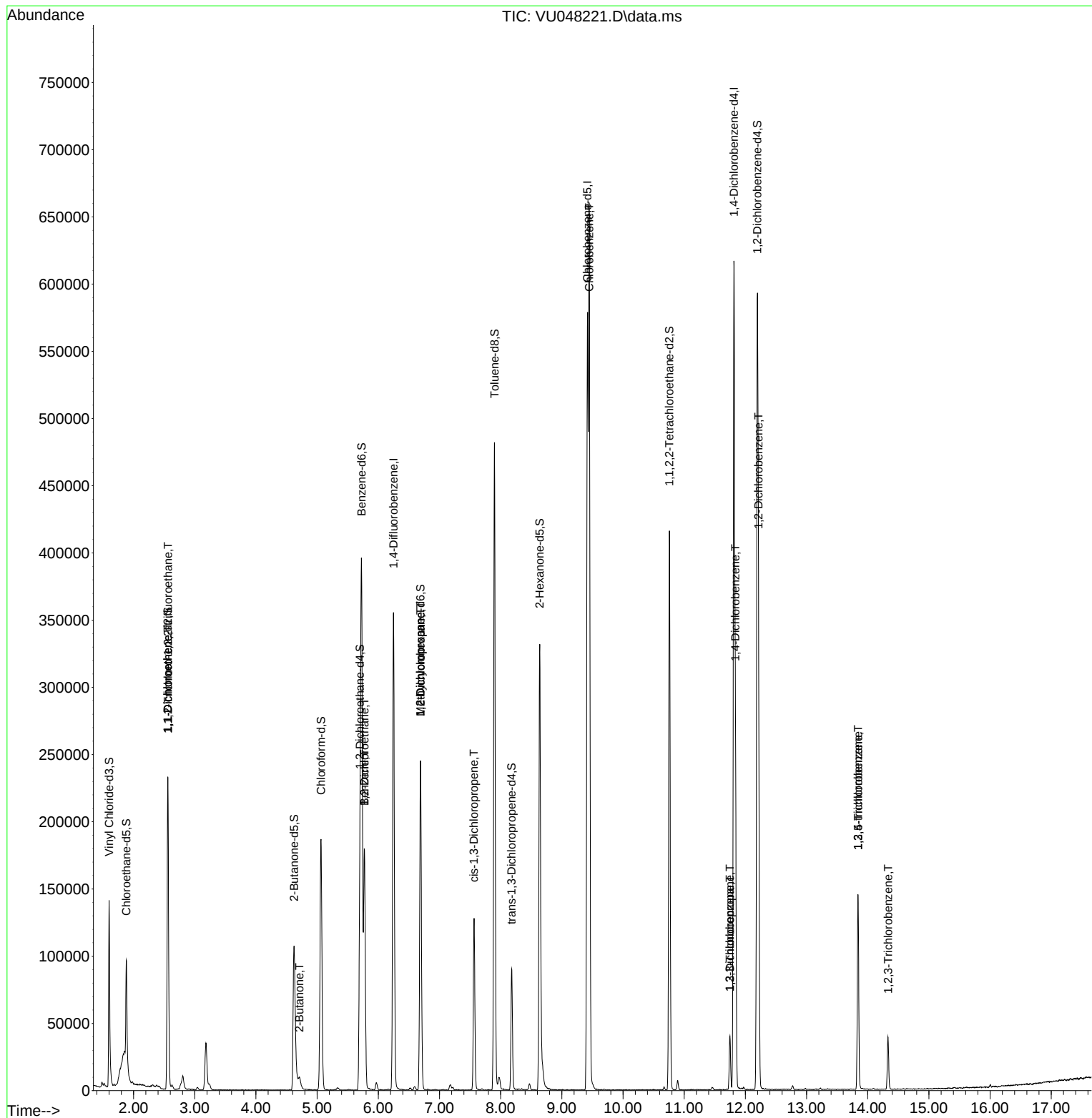
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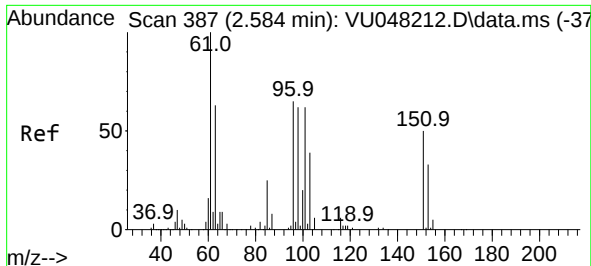
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 21:59:27 2022
Response via : Initial Calibration





#10

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

Concen: 0.573 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.022 min

Lab File: VU048221.D

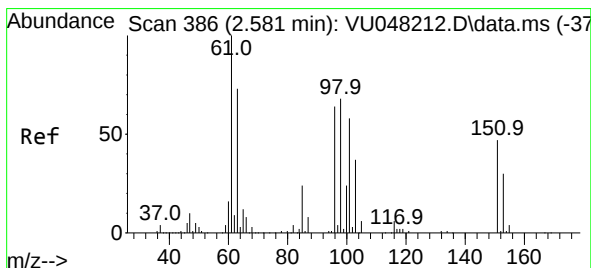
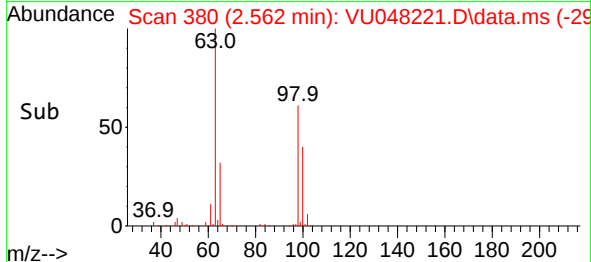
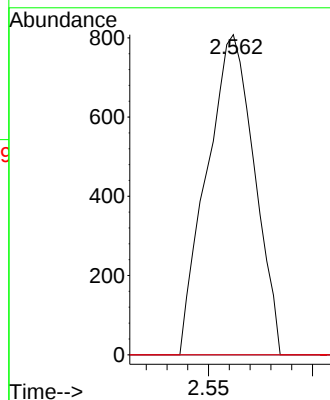
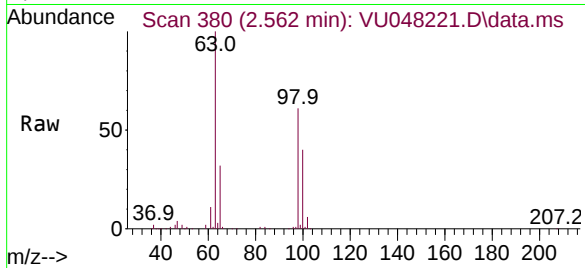
Acq: 22 Apr 2022 13:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	1283
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: 0.515 ug/L

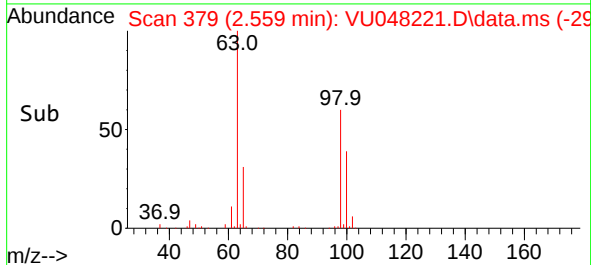
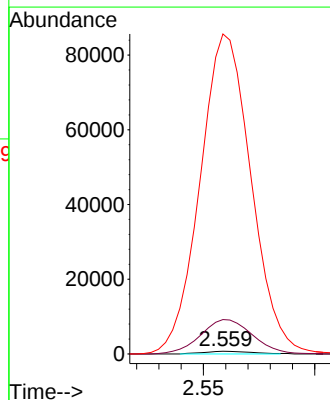
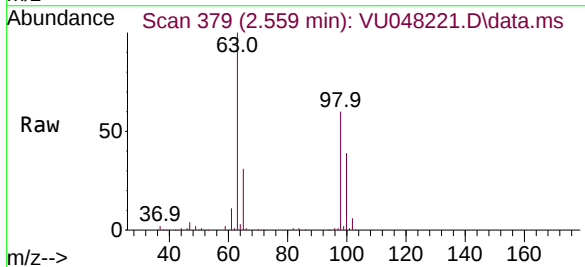
RT: 2.559 min Scan# 379

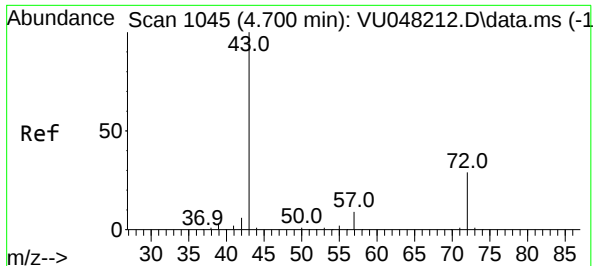
Delta R.T. -0.022 min

Lab File: VU048221.D

Acq: 22 Apr 2022 13:47

Tgt Ion: 96	Resp:	1074
Ion	Ratio	Lower Upper
96	100	
61	1281.1	113.1 210.1#
63	11895.6	94.8 176.0#

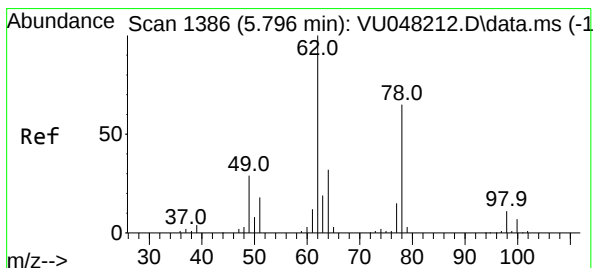
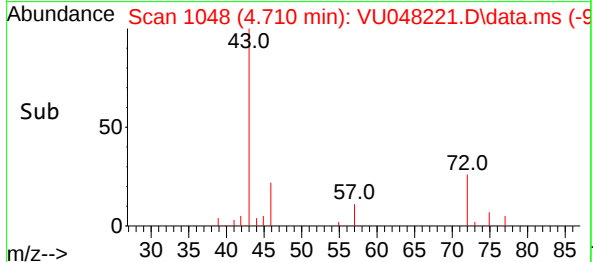
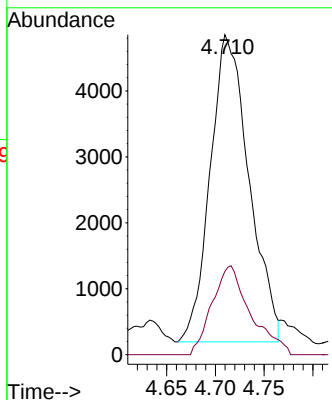
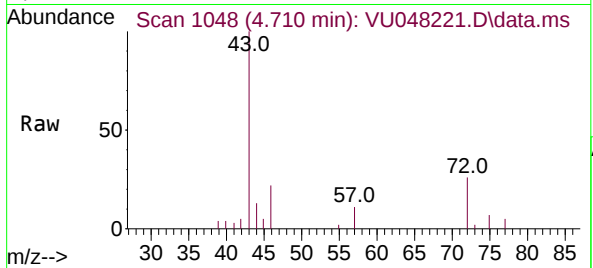




#22
2-Butanone
Concen: 5.690 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU048221.D
Acq: 22 Apr 2022 13:47

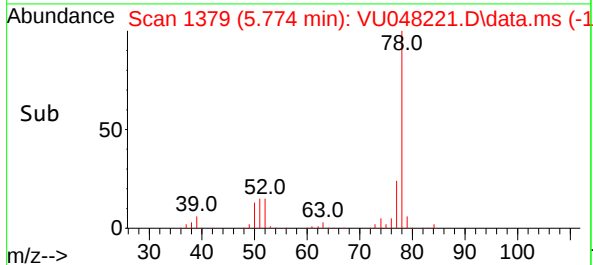
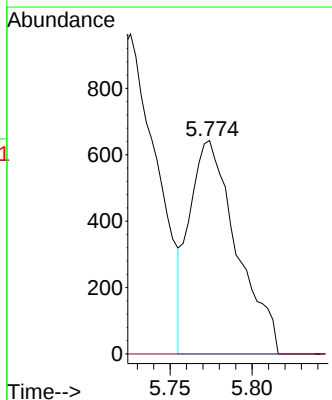
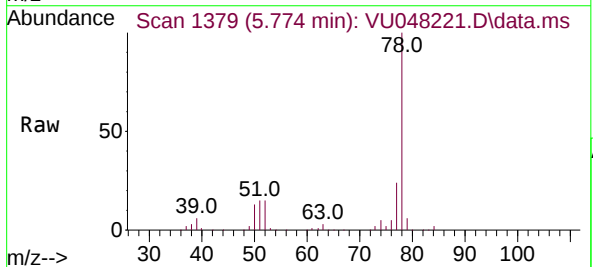
Instrument :
MSVOA_U
ClientSampleId :

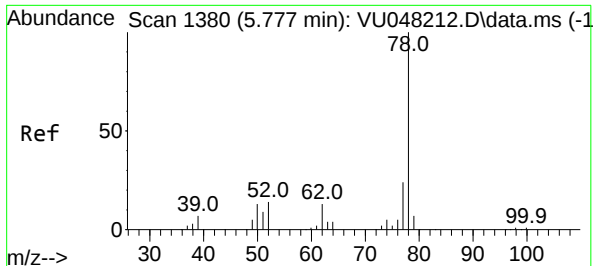
Tgt Ion: 43 Resp: 12896
Ion Ratio Lower Upper
43 100
72 28.6 16.0 47.9



#27
1,2-Dichloroethane
Concen: 0.399 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.022 min
Lab File: VU048221.D
Acq: 22 Apr 2022 13:47

Tgt Ion: 62 Resp: 1286
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

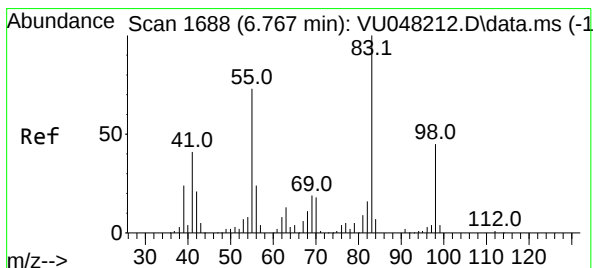
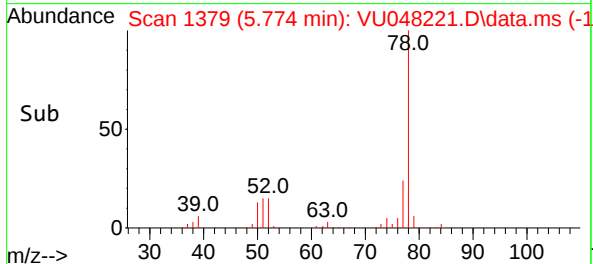
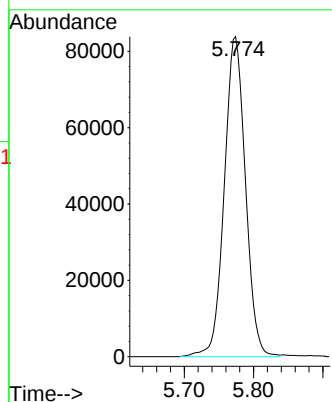
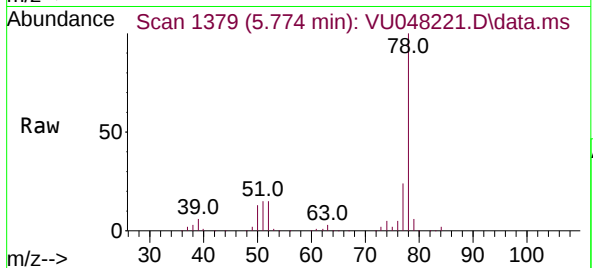




#33
Benzene
Concen: 18.550 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048221.D
Acq: 22 Apr 2022 13:47

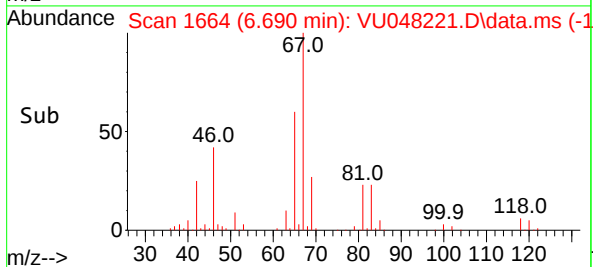
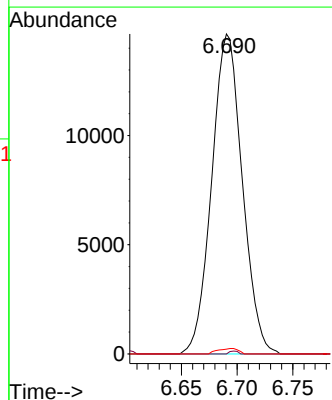
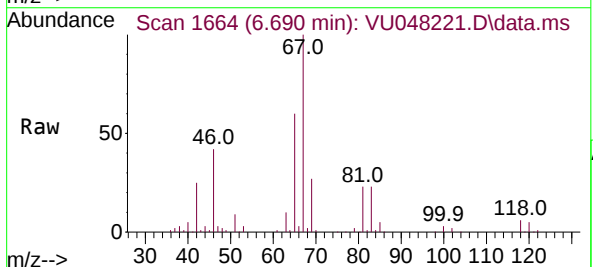
Instrument :
MSVOA_U
ClientSampleId :

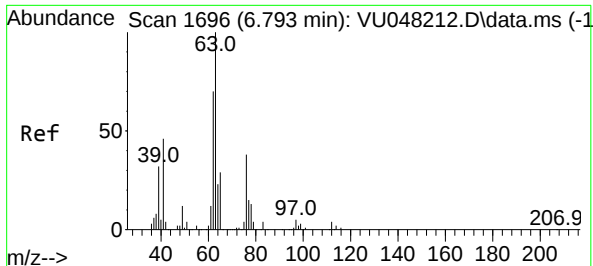
Tgt Ion: 78 Resp: 177920



#35
Methylcyclohexane
Concen: 7.309 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU048221.D
Acq: 22 Apr 2022 13:47

Tgt Ion: 83 Resp: 27960
Ion Ratio Lower Upper
83 100
55 0.2 56.8 85.2#
98 1.2 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 5.092 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048221.D

Acq: 22 Apr 2022 13:47

Instrument :

MSVOA_U

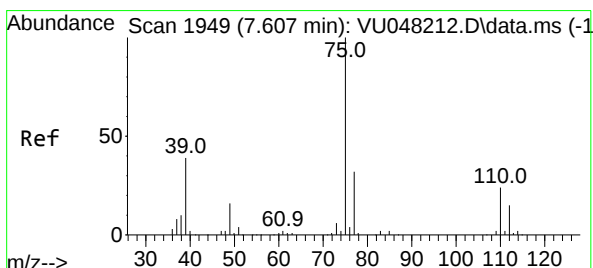
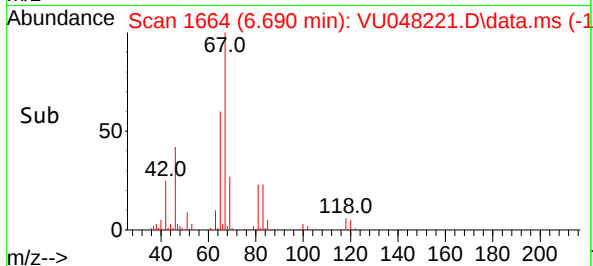
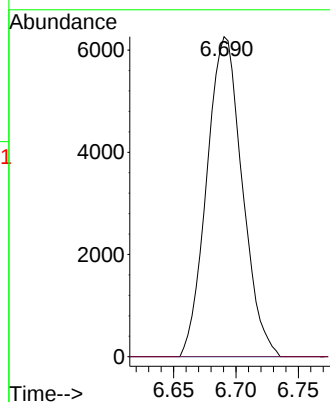
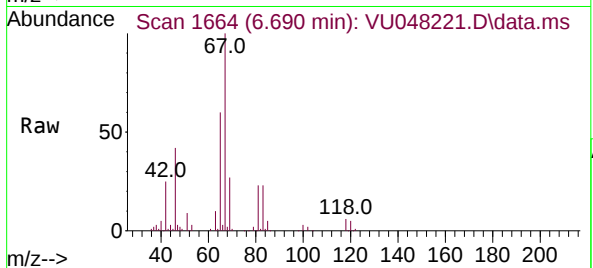
ClientSampleId :

Tgt Ion: 63 Resp: 12416

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.730 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU048221.D

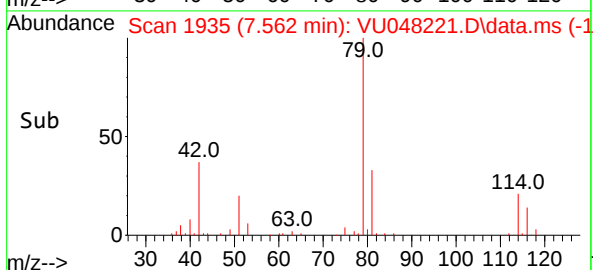
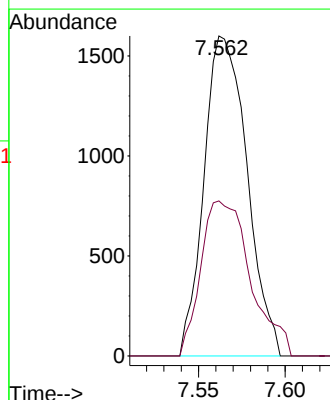
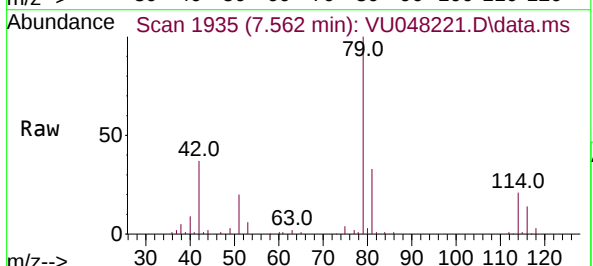
Acq: 22 Apr 2022 13:47

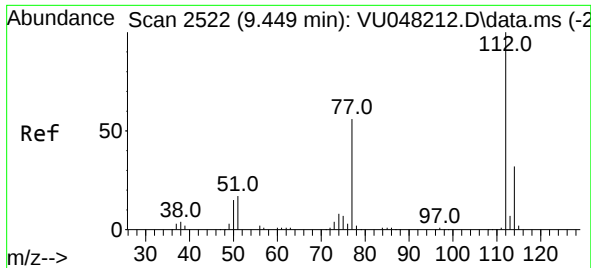
Tgt Ion: 75 Resp: 2761

Ion Ratio Lower Upper

75 100

77 48.4 21.8 40.6#

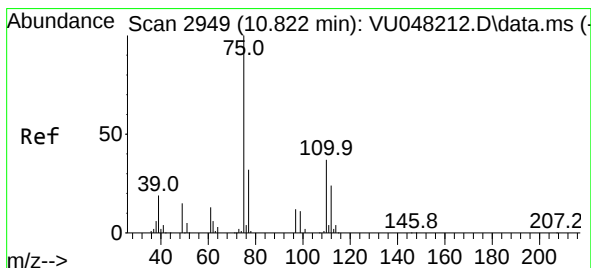
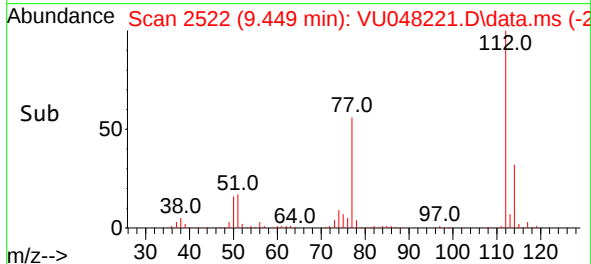
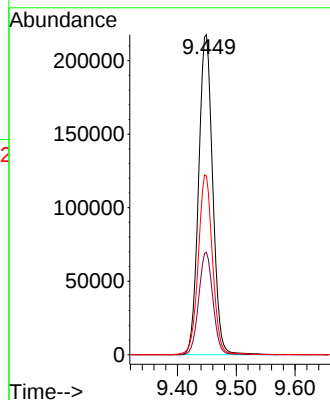
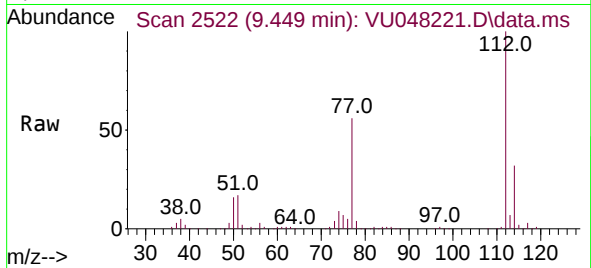




#51
Chlorobenzene
Concen: 50.583 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048221.D
Acq: 22 Apr 2022 13:47

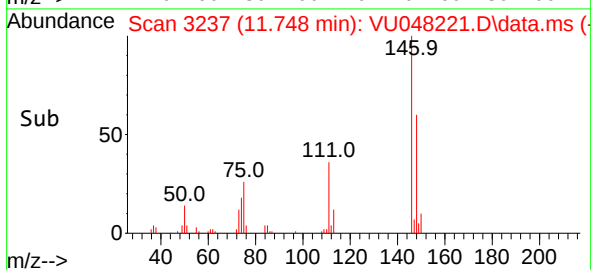
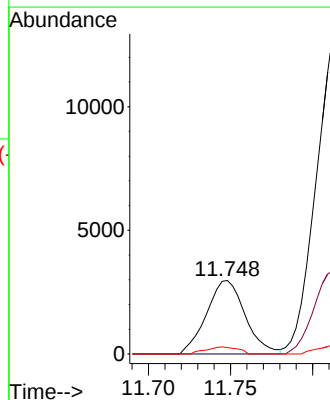
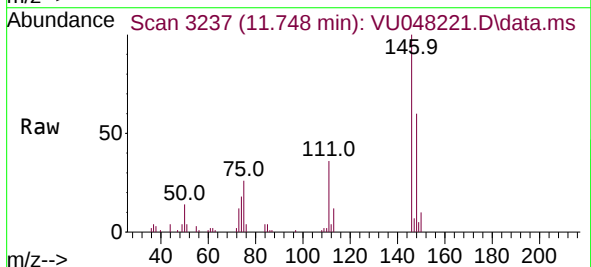
Instrument :
MSVOA_U
ClientSampleId :

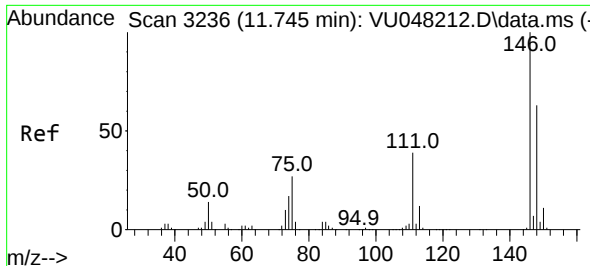
Tgt Ion:112 Resp: 361444
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 55.9 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 1.504 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.926 min
Lab File: VU048221.D
Acq: 22 Apr 2022 13:47

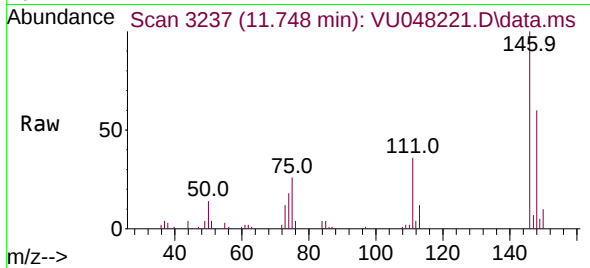
Tgt Ion: 75 Resp: 4860
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 7.9 31.4 47.2#



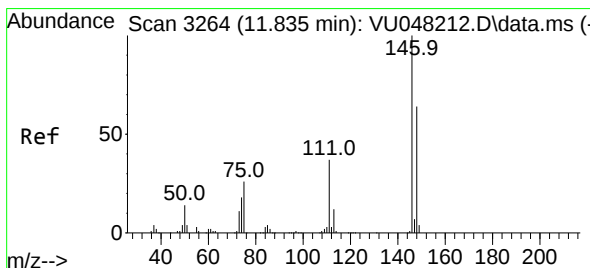
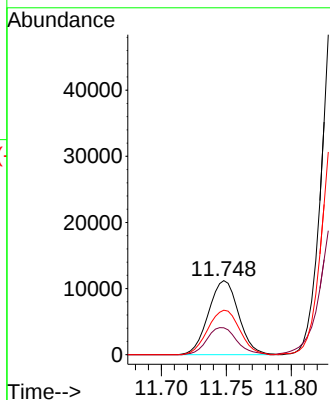
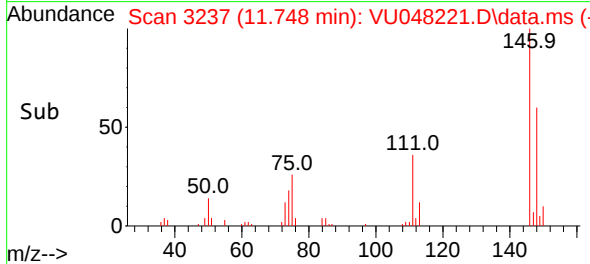


#64
1,3-Dichlorobenzene
Concen: 3.510 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048221.D
Acq: 22 Apr 2022 13:47

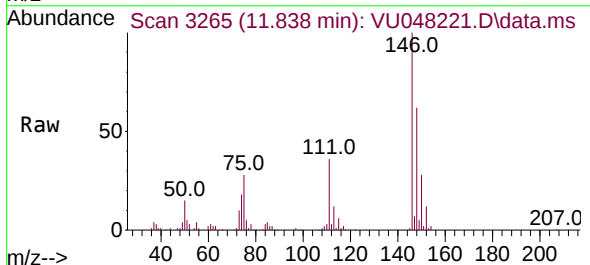
Instrument :
MSVOA_U
ClientSampleId :



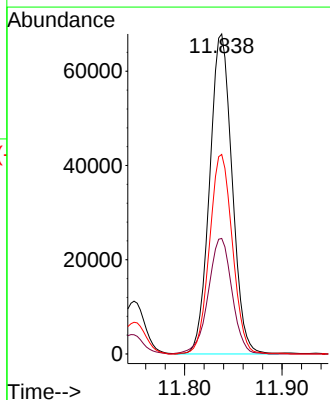
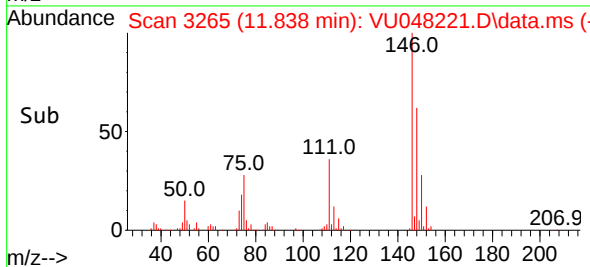
Tgt Ion:146 Resp: 18075
Ion Ratio Lower Upper
146 100
111 36.3 26.7 49.7
148 60.0 44.4 82.5

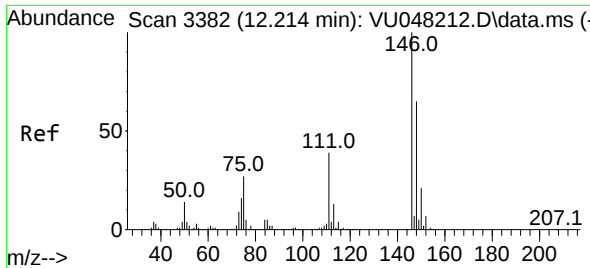


#65
1,4-Dichlorobenzene
Concen: 20.421 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048221.D
Acq: 22 Apr 2022 13:47



Tgt Ion:146 Resp: 108925
Ion Ratio Lower Upper
146 100
111 36.1 25.3 47.1
148 62.4 44.5 82.7

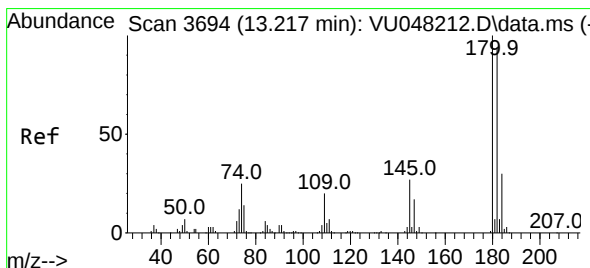
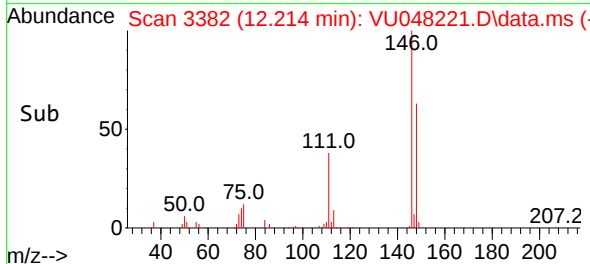
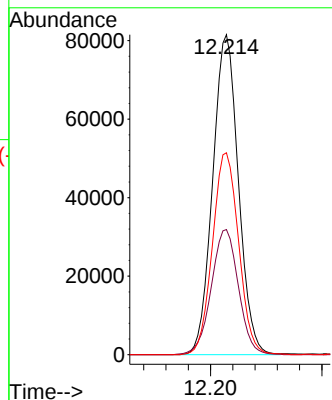
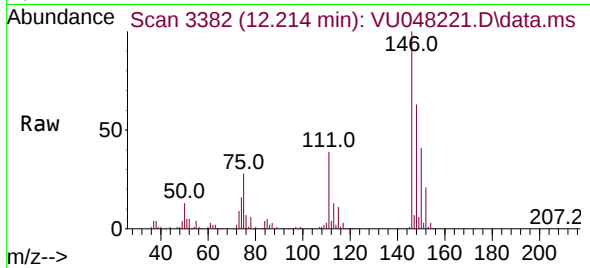




#67
1,2-Dichlorobenzene
Concen: 25.362 ug/L
RT: 12.214 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048221.D
Acq: 22 Apr 2022 13:47

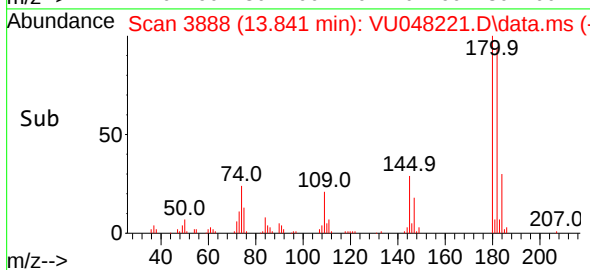
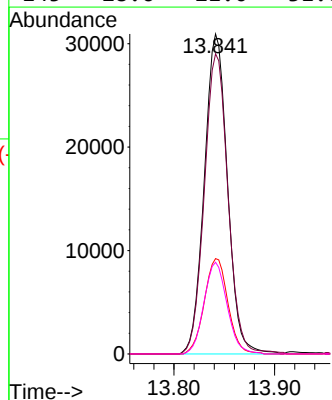
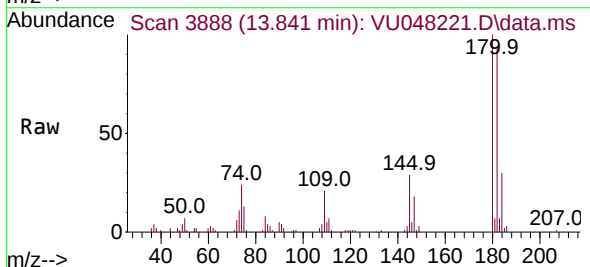
Instrument :
MSVOA_U
ClientSampleId :

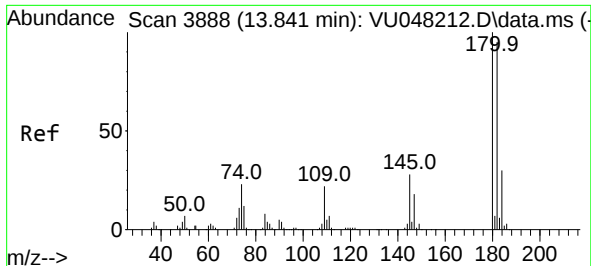
Tgt Ion:146 Resp: 130688
Ion Ratio Lower Upper
146 100
111 39.1 31.7 47.5
148 63.1 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 11.830 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.624 min
Lab File: VU048221.D
Acq: 22 Apr 2022 13:47

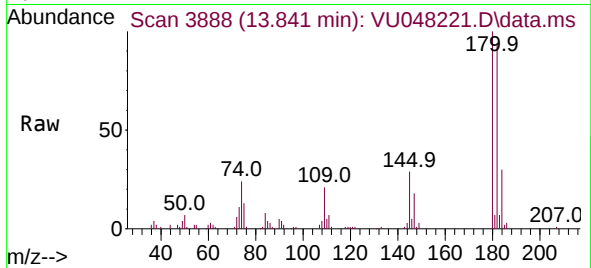
Tgt Ion:180 Resp: 49477
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.6
184 30.4 24.5 36.7
145 28.6 21.0 31.6



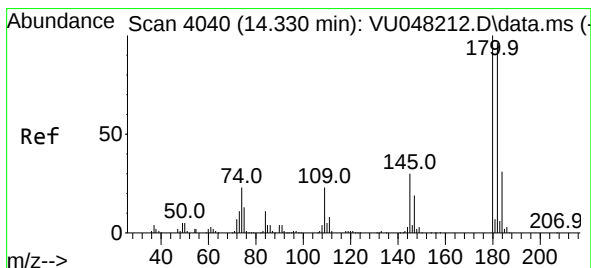
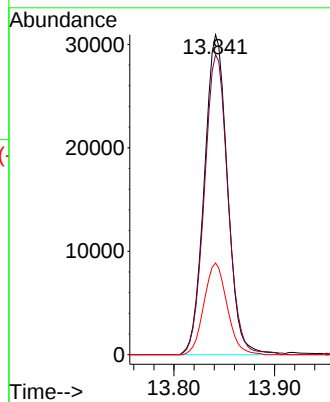
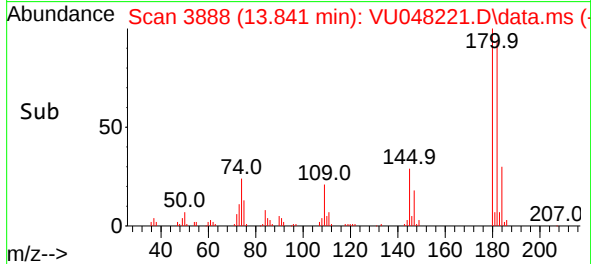


#70
1,2,4-trichlorobenzene
Concen: 13.506 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048221.D
Acq: 22 Apr 2022 13:47

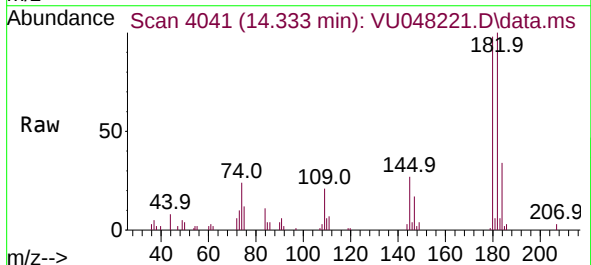
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:180 Resp: 49477
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.2
145 28.6 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 3.657 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU048221.D
Acq: 22 Apr 2022 13:47



Tgt Ion:180 Resp: 13431
Ion Ratio Lower Upper
180 100
182 98.0 77.4 116.0
145 29.0 22.8 34.2

