

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
 Data File : VU050609.D
 Acq On : 03 Sep 2022 14:02
 Operator : SY/MD
 Sample : N4458-02DL 500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KW5DL

Quant Time: Sep 05 01:06:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 05 01:05:15 2022
 Response via : Initial Calibration

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

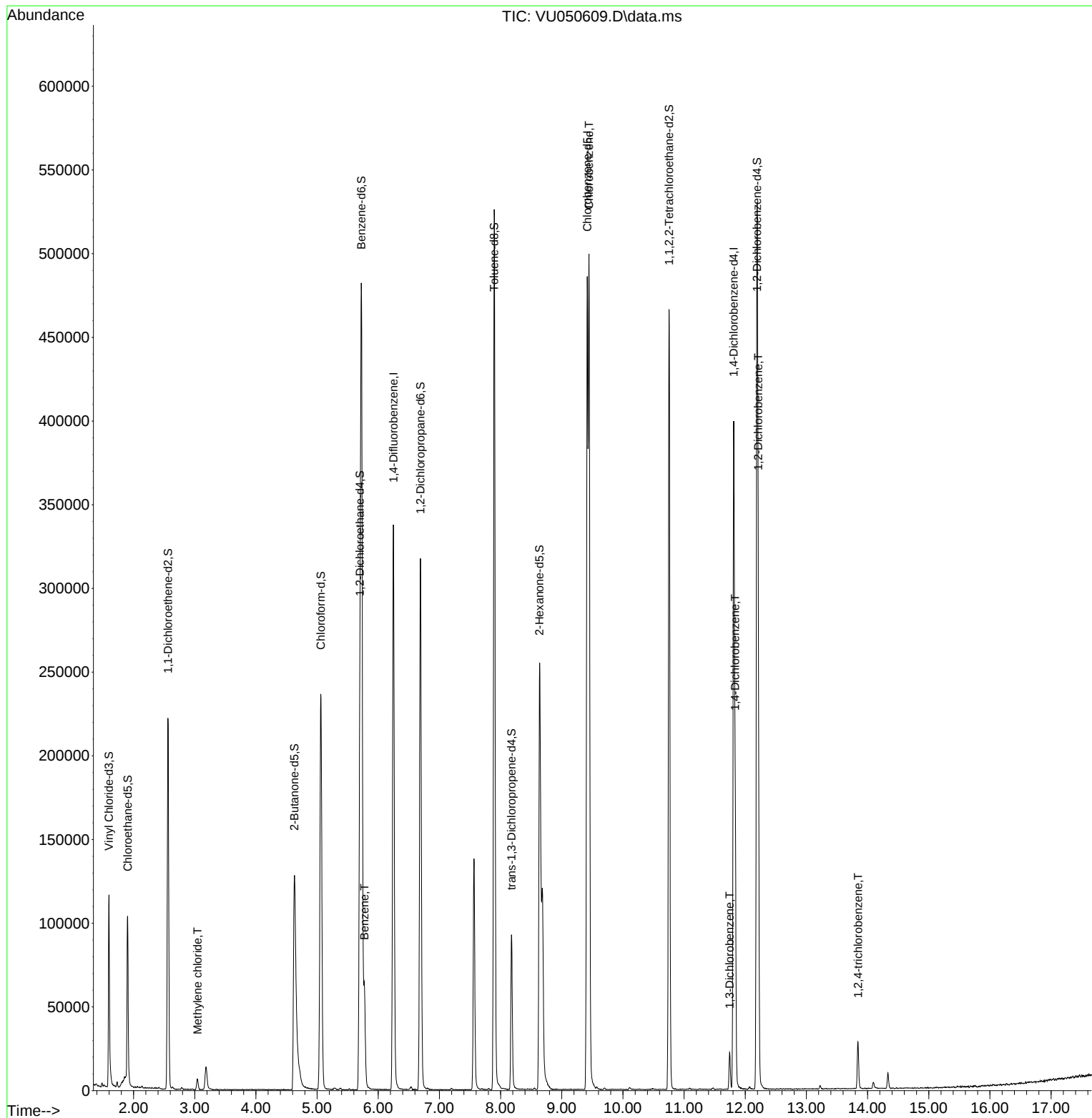
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	279811	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	267705	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	104167	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	95083	39.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.460%
7) Chloroethane-d5	1.903	69	72655	44.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.780%
11) 1,1-Dichloroethene-d2	2.562	63	131707	31.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.280%
21) 2-Butanone-d5	4.629	46	197849	112.994	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.990%
24) Chloroform-d	5.060	84	228583	50.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.780%
26) 1,2-Dichloroethane-d4	5.700	65	154408	55.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.420%
32) Benzene-d6	5.726	84	451137	50.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.980%
36) 1,2-Dichloropropane-d6	6.690	67	161389	55.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.120%
41) Toluene-d8	7.896	98	362685	47.940	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	8.179	79	55017	45.779	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.560%
47) 2-Hexanone-d5	8.636	63	75273	103.028	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.030%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	239011	54.377	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.760%
66) 1,2-Dichlorobenzene-d4	12.192	152	125848	51.609	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.220%
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	3467	1.243	ug/L	89
33) Benzene	5.774	78	54424	5.586	ug/L	100
51) Chlorobenzene	9.446	112	263106	42.837	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	9192	2.534	ug/L	91
65) 1,4-Dichlorobenzene	11.835	146	69026	19.248	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	98912	25.599	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	10473	4.685	ug/L	92

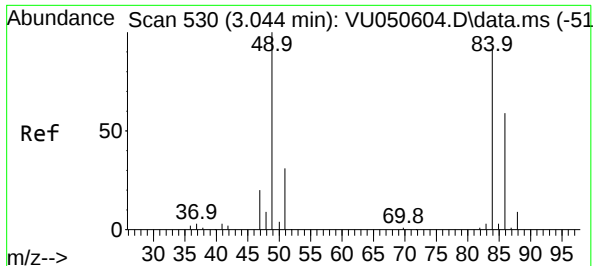
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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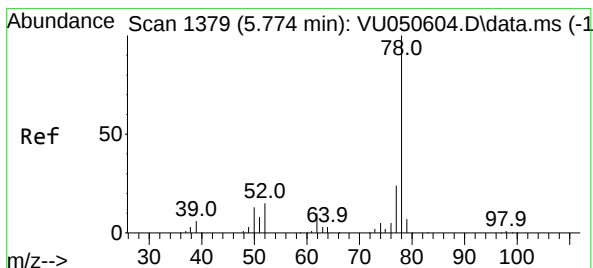
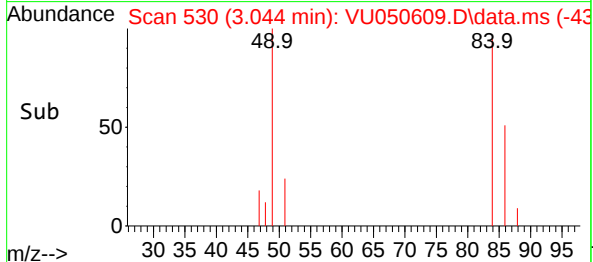
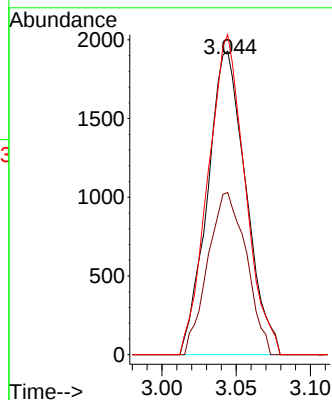
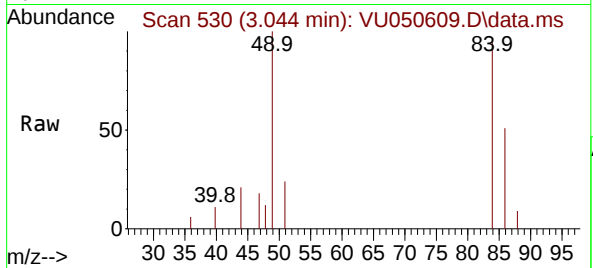




#16
Methylene chloride
Concen: 1.243 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

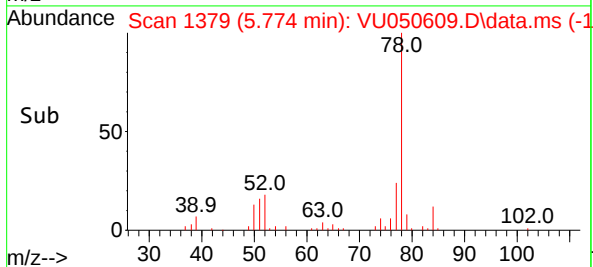
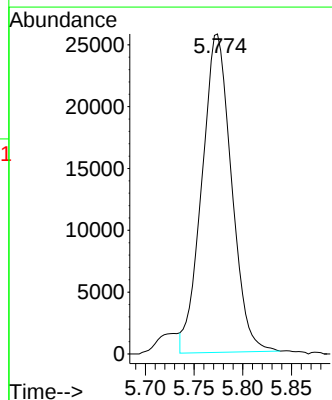
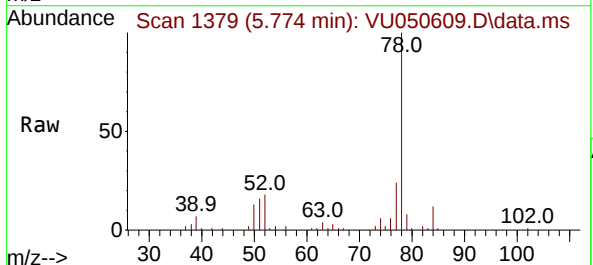
Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

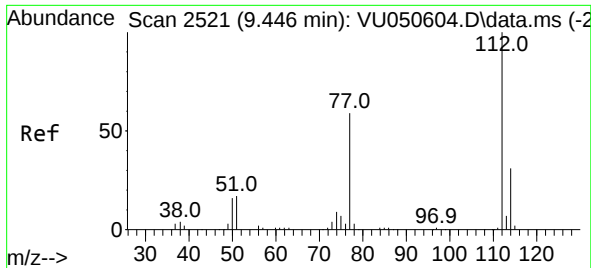
Tgt Ion: 84 Resp: 3467
Ion Ratio Lower Upper
84 100
86 53.5 44.8 83.2
49 105.4 80.6 149.8



#33
Benzene
Concen: 5.586 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Tgt Ion: 78 Resp: 54424

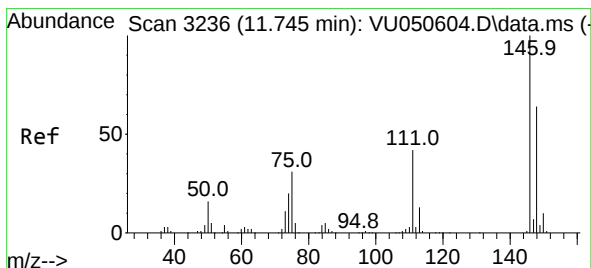
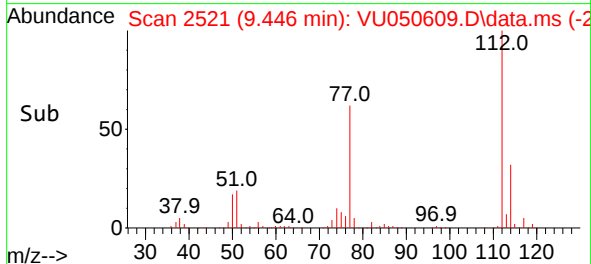
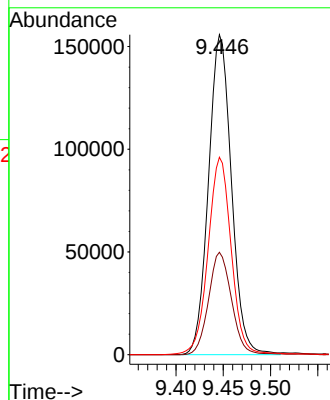
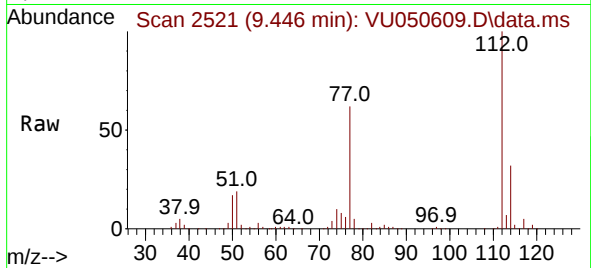




#51
Chlorobenzene
Concen: 42.837 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

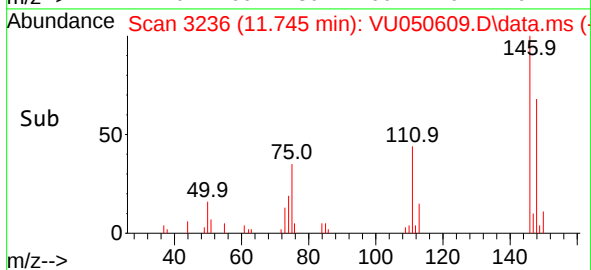
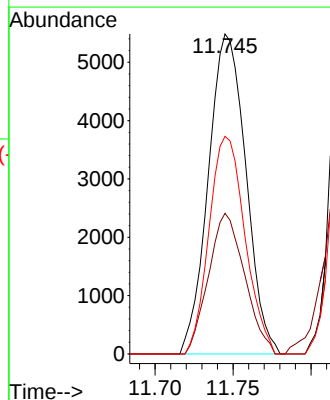
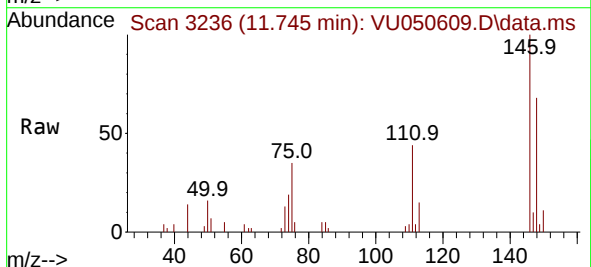
Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

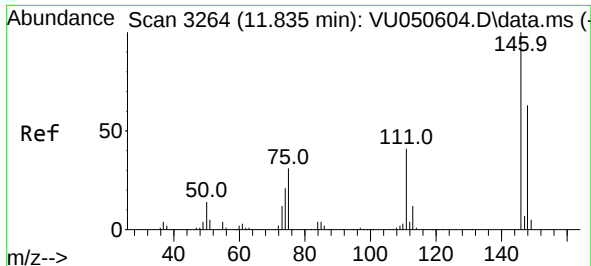
Tgt Ion:112 Resp: 263106
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 61.7 49.2 73.8



#64
1,3-Dichlorobenzene
Concen: 2.534 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050609.D
Acq: 03 Sep 2022 14:02

Tgt Ion:146 Resp: 9192
Ion Ratio Lower Upper
146 100
111 48.3 29.9 55.5
148 72.4 45.5 84.5





#65

1,4-Dichlorobenzene

Concen: 19.248 ug/L

RT: 11.835 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU050609.D

Acq: 03 Sep 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

C0KW5DL

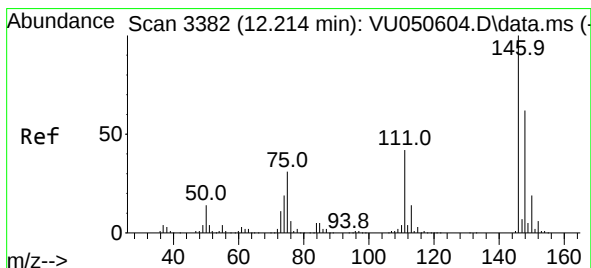
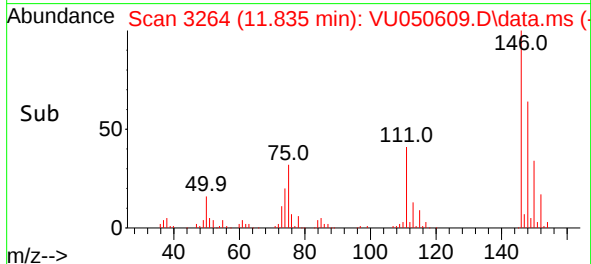
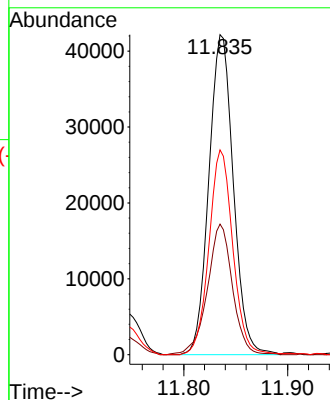
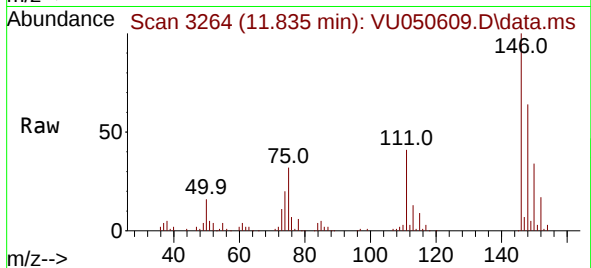
Tgt Ion:146 Resp: 69026

Ion Ratio Lower Upper

146 100

111 40.8 27.9 51.7

148 64.0 44.4 82.4



#67

1,2-Dichlorobenzene

Concen: 25.599 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU050609.D

Acq: 03 Sep 2022 14:02

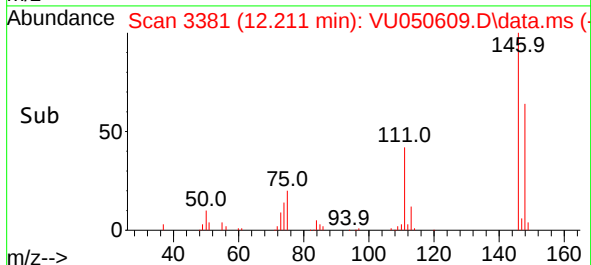
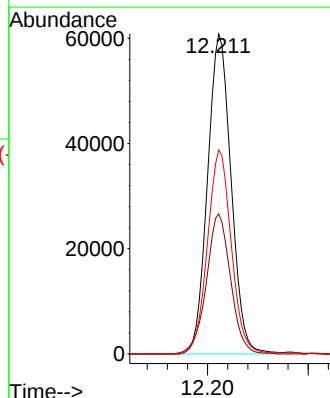
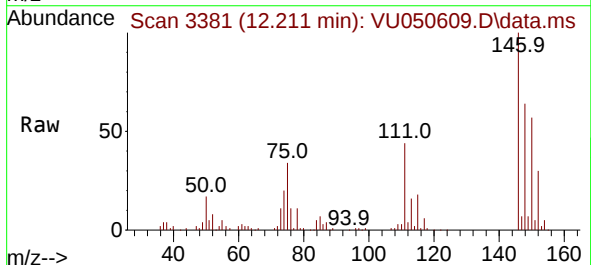
Tgt Ion:146 Resp: 98912

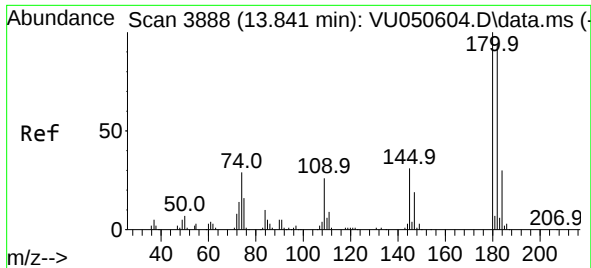
Ion Ratio Lower Upper

146 100

111 43.8 35.1 52.7

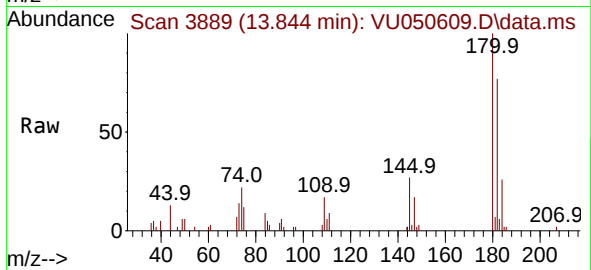
148 63.7 51.8 77.6





#70
 1,2,4-trichlorobenzene
 Concen: 4.685 ug/L
 RT: 13.844 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050609.D
 Acq: 03 Sep 2022 14:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KW5DL



Tgt Ion:	180	Resp:	10473
Ion Ratio	Lower	Upper	
180	100		
182	87.1	76.2	114.2
145	26.7	24.7	37.1

