

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051227.D
 Acq On : 07 Oct 2022 18:58
 Operator : JC/MD
 Sample : N4872-05DL 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFW9DL

Quant Time: Oct 08 04:27:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:50:53 2022
 Response via : Initial Calibration

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

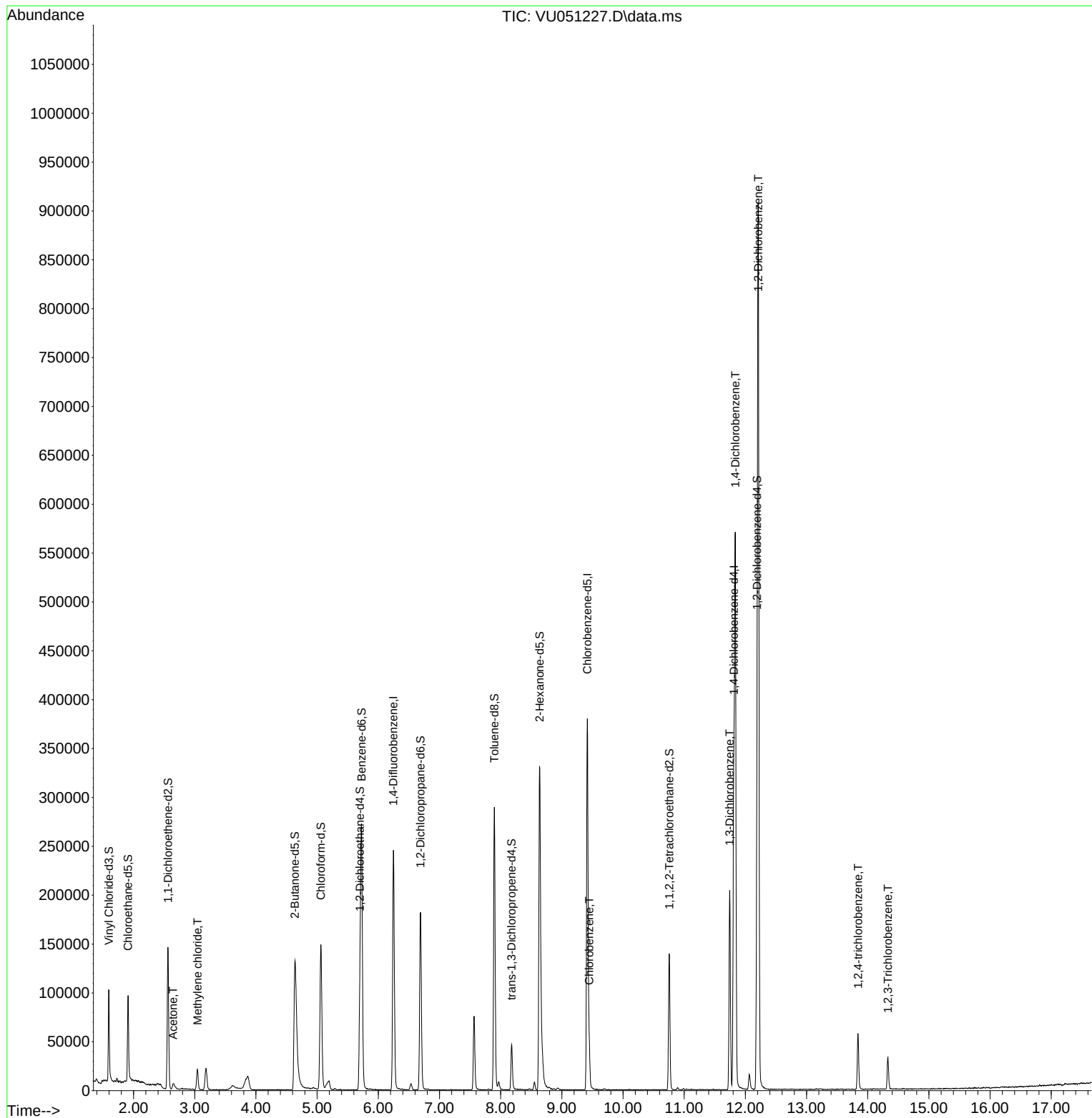
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	194470	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	213017	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82944	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	71644	4.567	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.909	69	63217	4.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.562	65	27283	4.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.636	46	177579	51.417	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.840%
24) Chloroform-d	5.060	84	139373	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.700	65	73300	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.726	84	255834	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.690	67	91632	4.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.896	98	196253	3.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.179	79	26685	4.081	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.636	63	95741	43.446	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.900%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	72755	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	75226	5.218	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						Qvalue
13) Acetone	2.646	43	11465	4.426	ug/L	96
16) Methylene chloride	3.044	84	10128	0.484	ug/L	89
51) Chlorobenzene	9.446	112	23321	0.517	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	80331	3.091	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	217102	8.476	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	334147	13.227	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	18142	1.425	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	11050	0.839	ug/L	99

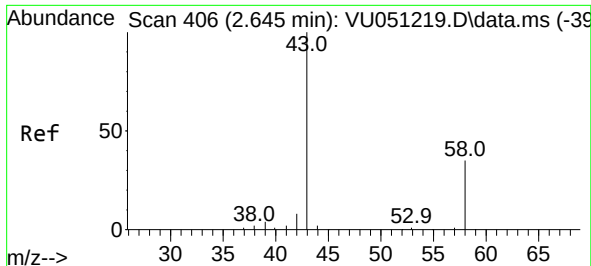
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.426 ug/L

RT: 2.646 min Scan# 406

Delta R.T. 0.000 min

Lab File: VU051227.D

Acq: 07 Oct 2022 18:58

Instrument :

MSVOA_U

ClientSampleId :

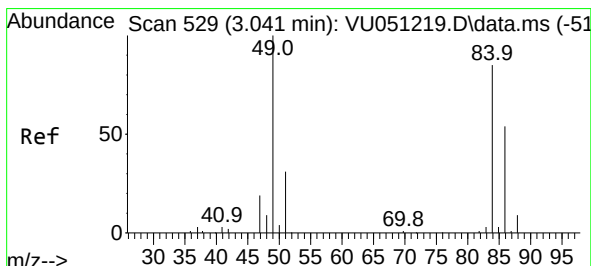
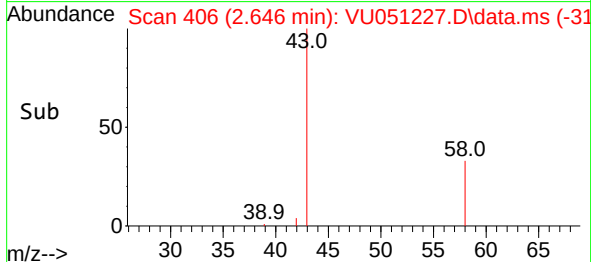
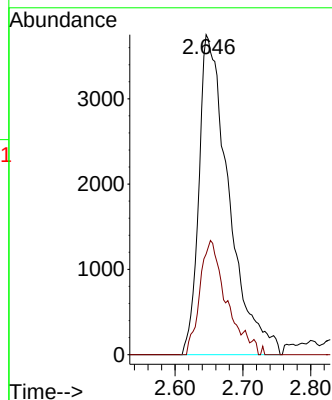
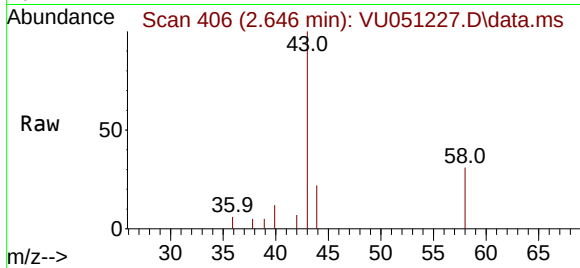
EXFW9DL

Tgt Ion: 43 Resp: 11465

Ion Ratio Lower Upper

43 100

58 31.9 0.0 68.8



#16

Methylene chloride

Concen: 0.484 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU051227.D

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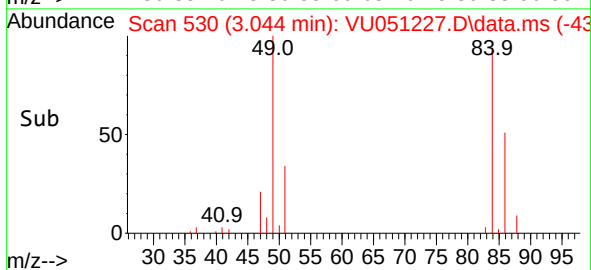
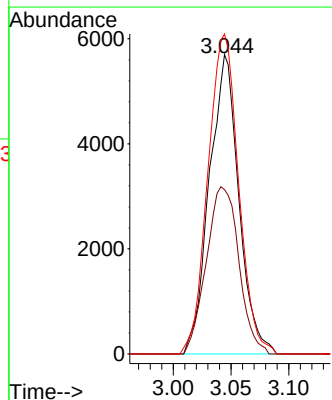
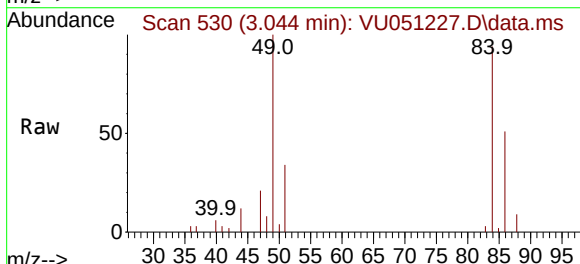
Tgt Ion: 84 Resp: 10128

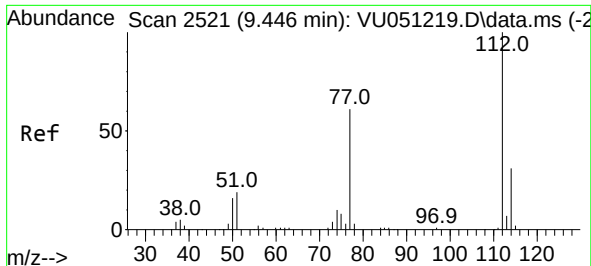
Ion Ratio Lower Upper

84 100

86 54.9 46.5 86.3

49 106.8 81.3 151.1

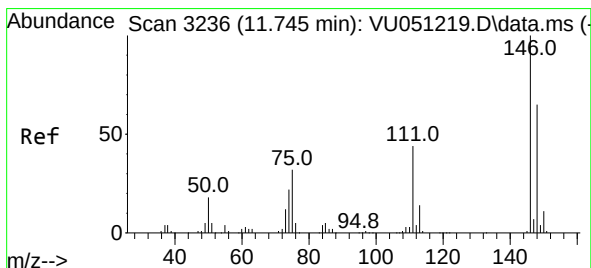
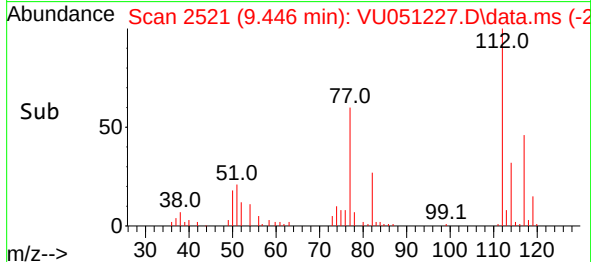
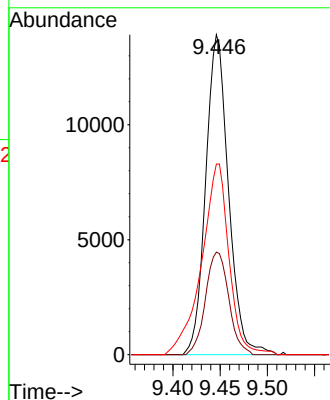
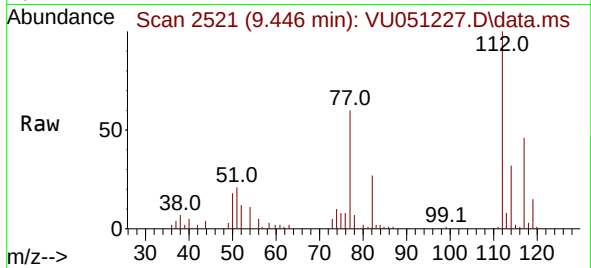




#51
Chlorobenzene
Concen: 0.517 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

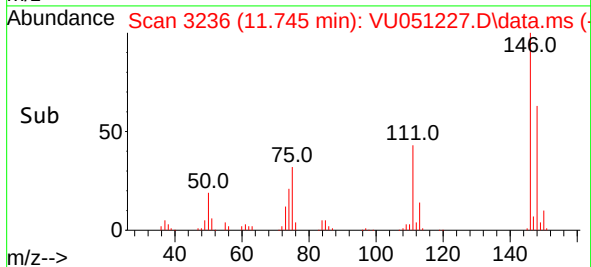
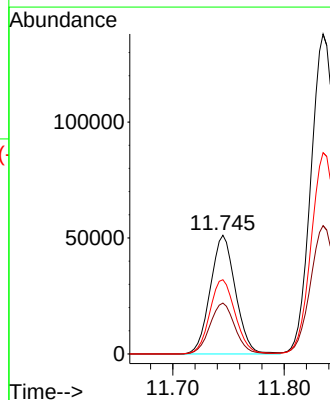
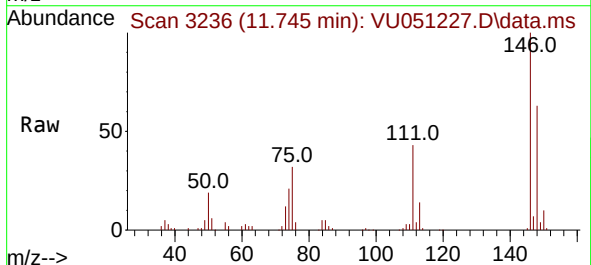
Instrument :
MSVOA_U
ClientSampleId :
EXFW9DL

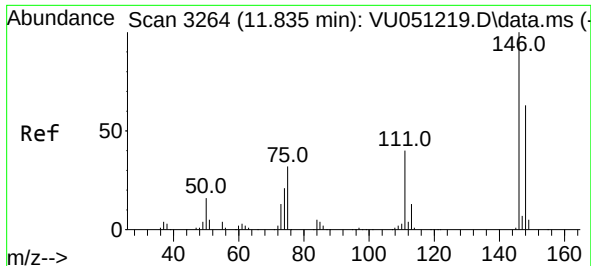
Tgt Ion:112 Resp: 23321
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 59.5 48.1 72.1



#64
1,3-Dichlorobenzene
Concen: 3.091 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

Tgt Ion:146 Resp: 80331
Ion Ratio Lower Upper
146 100
111 42.9 28.3 52.7
148 62.5 43.8 81.4

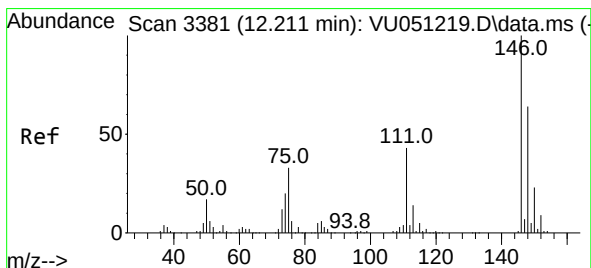
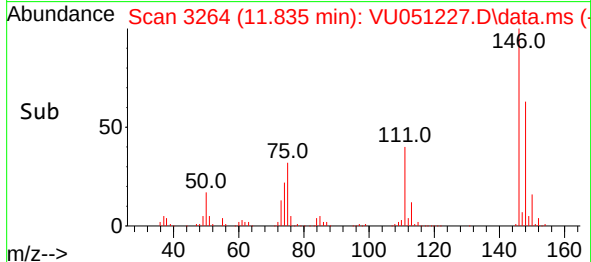
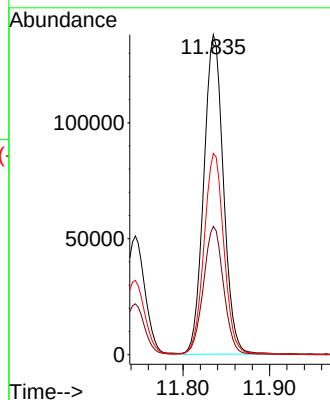
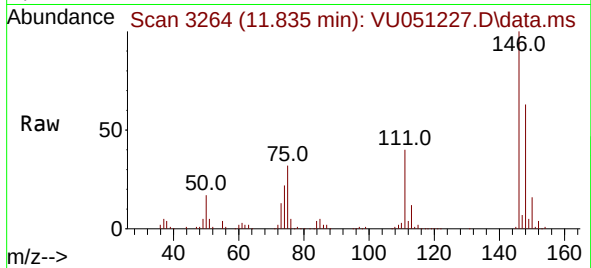




#65
1,4-Dichlorobenzene
Concen: 8.476 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

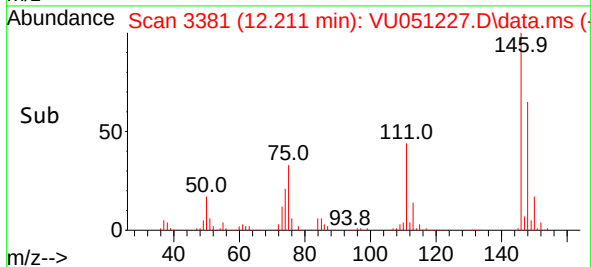
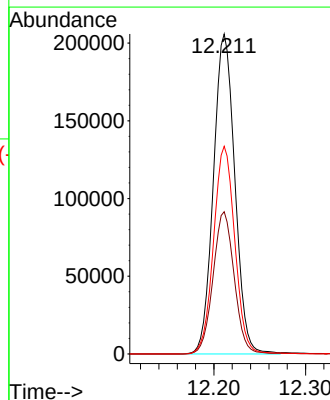
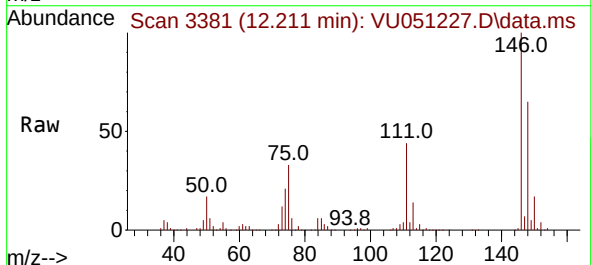
Instrument :
MSVOA_U
ClientSampleId :
EXFW9DL

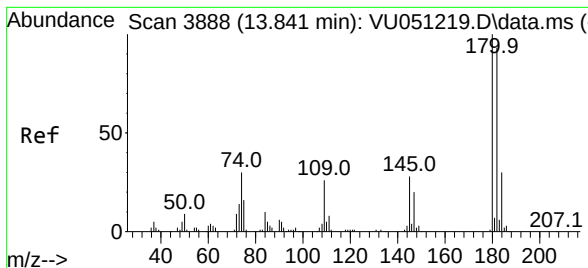
Tgt Ion:146 Resp: 217102
Ion Ratio Lower Upper
146 100
111 40.1 29.1 54.1
148 62.9 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 13.227 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051227.D
Acq: 07 Oct 2022 18:58

Tgt Ion:146 Resp: 334147
Ion Ratio Lower Upper
146 100
111 44.4 35.5 53.3
148 64.9 50.9 76.3





#70

1,2,4-trichlorobenzene

Concen: 1.425 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU051227.D

Acq: 07 Oct 2022 18:58

Instrument :

MSVOA_U

ClientSampleId :

EXFW9DL

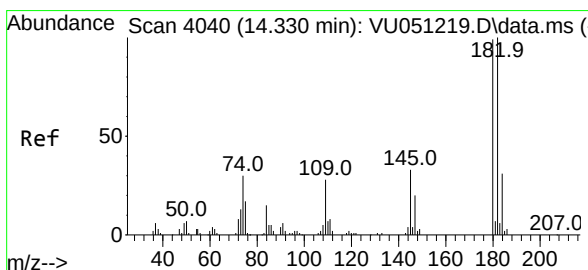
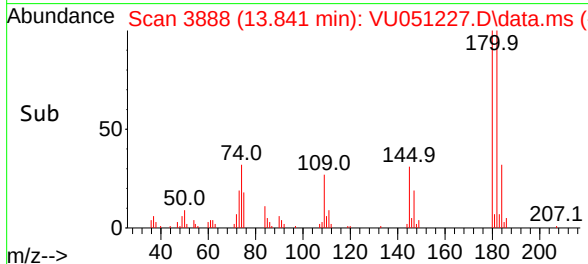
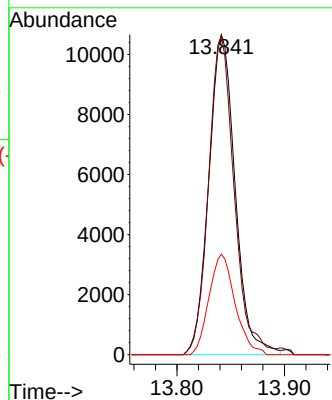
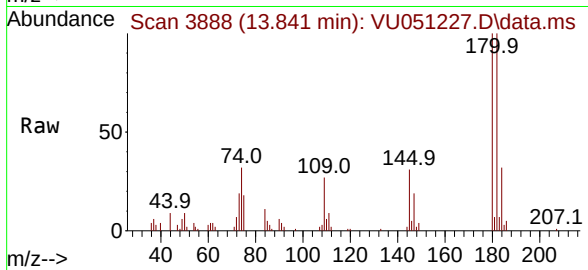
Tgt Ion:180 Resp: 18142

Ion Ratio Lower Upper

180 100

182 97.0 78.7 118.1

145 31.1 25.0 37.4



#72

1,2,3-Trichlorobenzene

Concen: 0.839 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU051227.D

Acq: 07 Oct 2022 18:58

Tgt Ion:180 Resp: 11050

Ion Ratio Lower Upper

180 100

182 95.3 76.6 114.8

145 30.7 25.8 38.8

