

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052882.D
 Acq On : 31 Jan 2023 16:28
 Operator : JC/MD
 Sample : 01314-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44L0

Quant Time: Feb 01 00:57:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

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

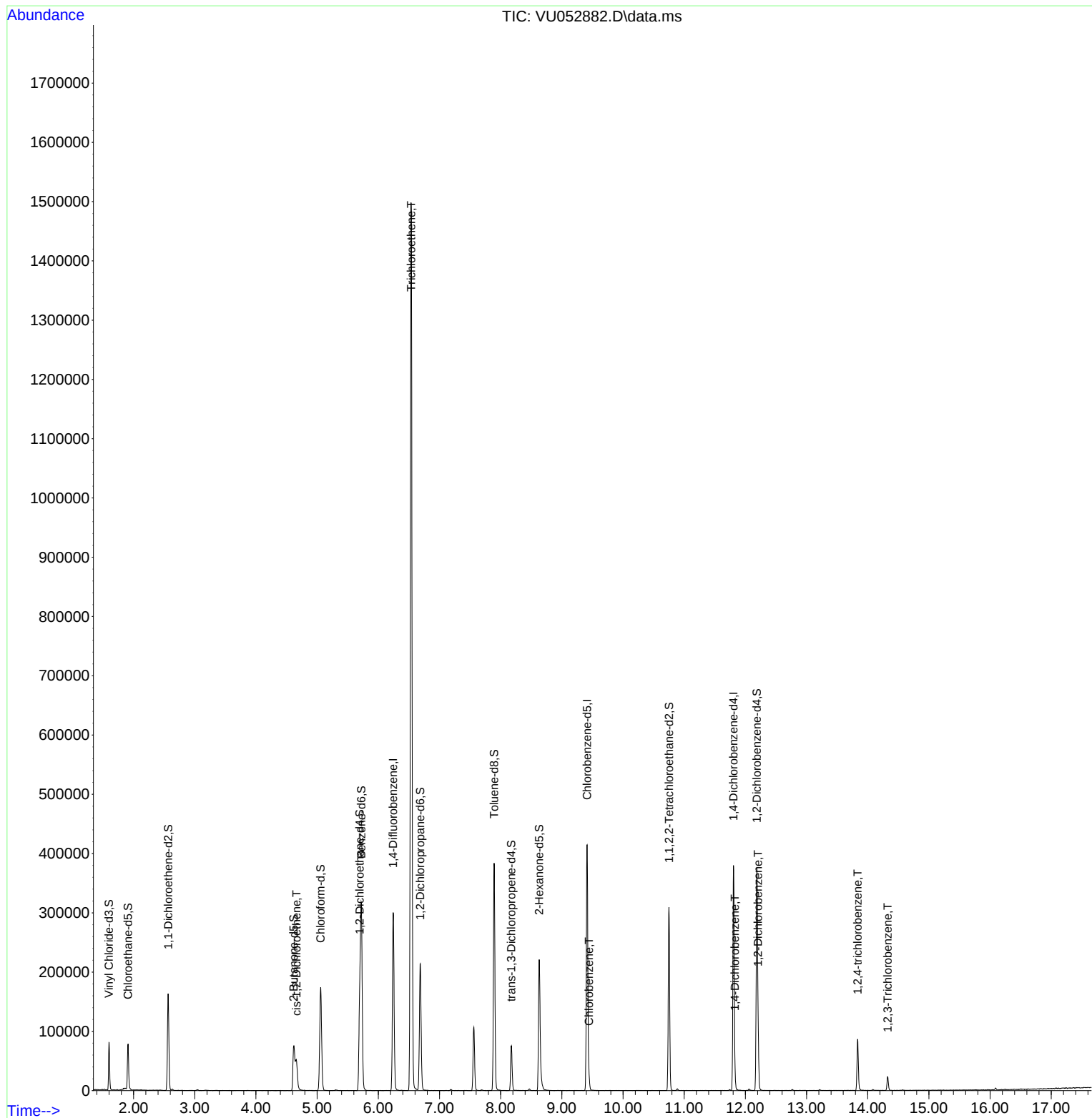
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	245411	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	237455	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	101368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60536	34.272	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.540%
7) Chloroethane-d5	1.909	69	60874	41.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.660%
11) 1,1-Dichloroethene-d2	2.565	63	97399	27.723	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.440%#
21) 2-Butanone-d5	4.616	46	111776	102.437	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.440%
24) Chloroform-d	5.057	84	164342	43.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.697	65	111950	46.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.020%
32) Benzene-d6	5.723	84	297554	41.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.040%
36) 1,2-Dichloropropane-d6	6.684	67	97070	45.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.240%
41) Toluene-d8	7.893	98	253888	38.433	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.860%#
43) trans-1,3-Dichloroprop...	8.173	79	44345	41.583	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.160%
47) 2-Hexanone-d5	8.629	63	72004	96.313	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.310%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	144254	45.888	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.780%
66) 1,2-Dichlorobenzene-d4	12.189	152	97272	49.420	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.840%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.662	96	22778	10.874	ug/L	97
34) Trichloroethene	6.536	95	501573	244.138	ug/L	97
51) Chlorobenzene	9.443	112	11245	1.973	ug/L	95
65) 1,4-Dichlorobenzene	11.828	146	4686	1.370	ug/L	92
67) 1,2-Dichlorobenzene	12.208	146	28886	8.646	ug/L	97
70) 1,2,4-trichlorobenzene	13.835	180	28381	13.843	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	8464	3.907	ug/L	94

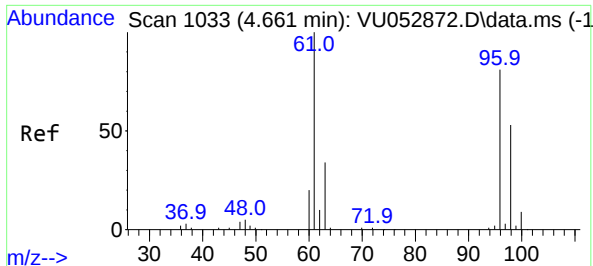
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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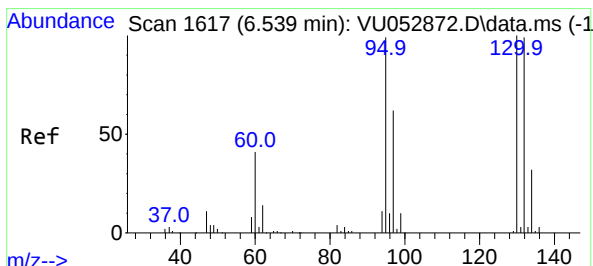
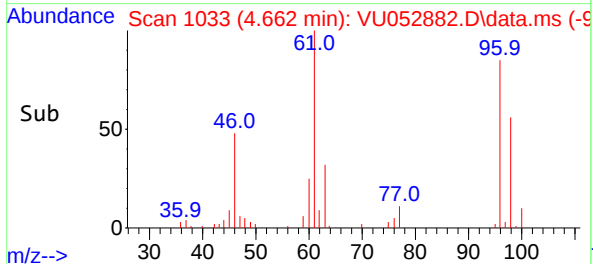
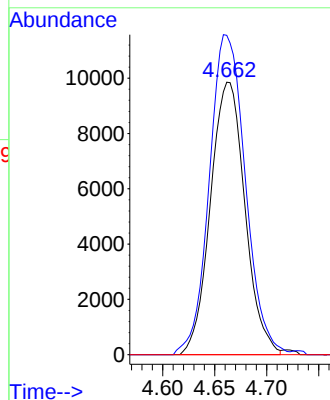
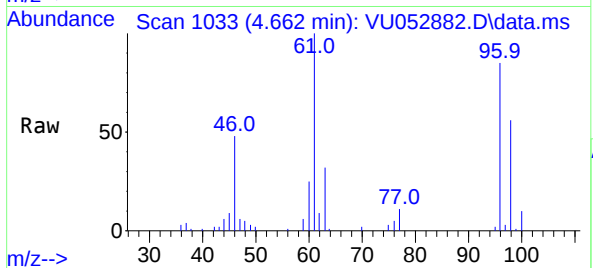




#20
cis-1,2-Dichloroethene
Concen: 10.874 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

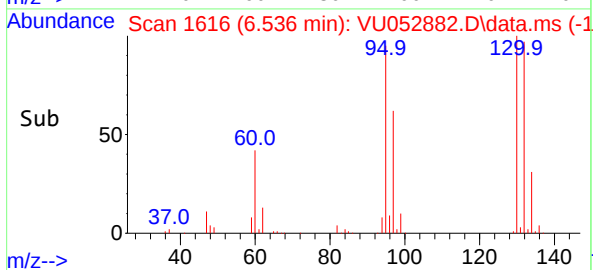
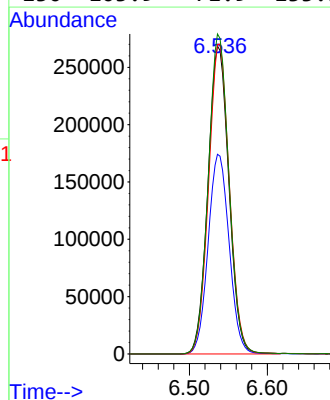
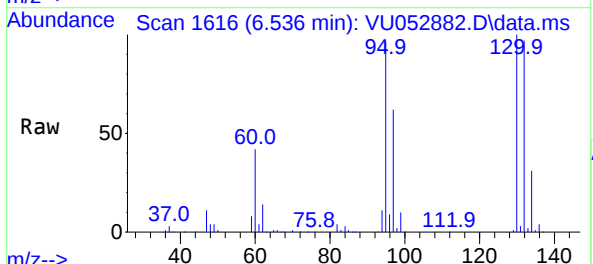
Instrument :
MSVOA_U
ClientSampleId :
A44L0

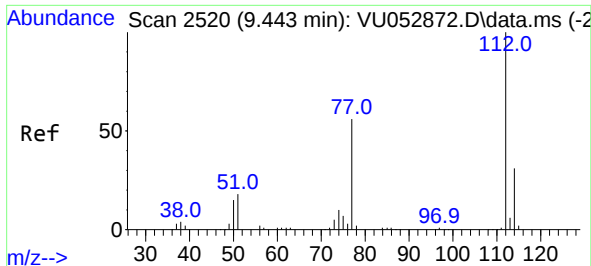
Tgt Ion: 96 Resp: 22778
Ion Ratio Lower Upper
96 100
61 117.2 84.1 156.1
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 244.138 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

Tgt Ion: 95 Resp: 501573
Ion Ratio Lower Upper
95 100
97 64.8 44.5 82.7
132 100.5 66.8 124.0
130 103.9 71.9 133.5

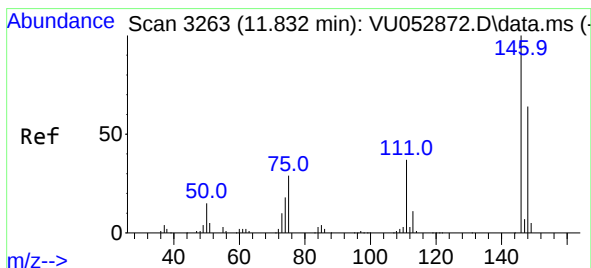
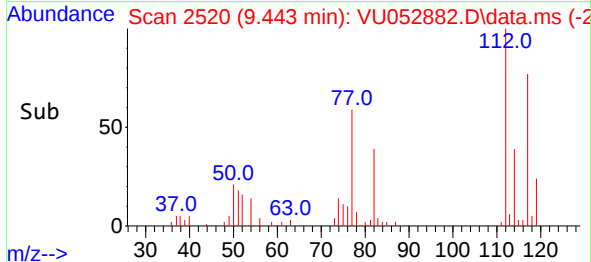
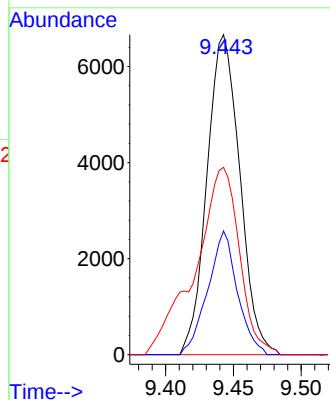
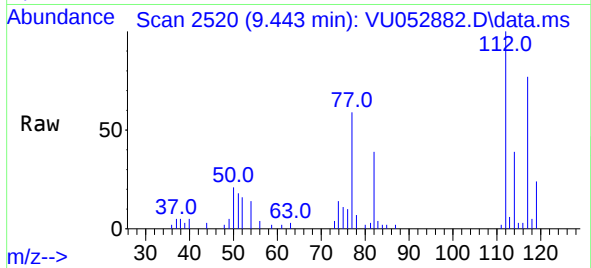




#51
Chlorobenzene
Concen: 1.973 ug/L
RT: 9.443 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

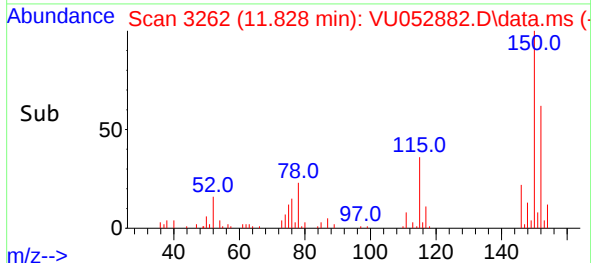
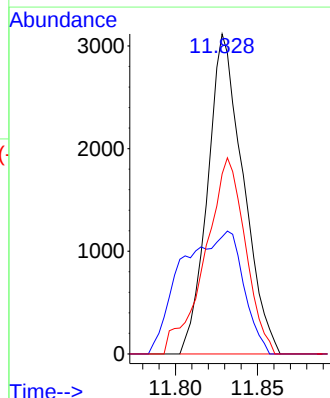
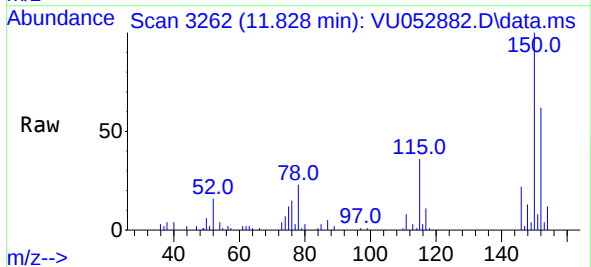
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MSVOA_U
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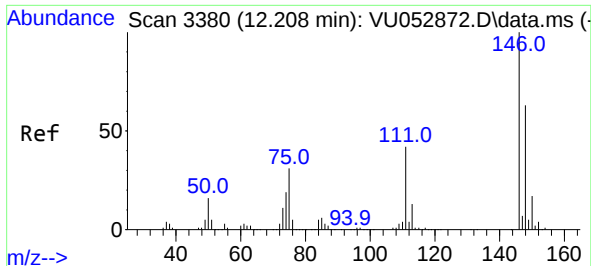
Tgt Ion:112 Resp: 11245
Ion Ratio Lower Upper
112 100
114 38.6 22.8 42.4
77 58.6 45.9 68.9



#65
1,4-Dichlorobenzene
Concen: 1.370 ug/L
RT: 11.828 min Scan# 3262
Delta R.T. -0.003 min
Lab File: VU052882.D
Acq: 31 Jan 2023 16:28

Tgt Ion:146 Resp: 4686
Ion Ratio Lower Upper
146 100
111 36.6 26.7 49.7
148 56.2 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 8.646 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052882.D

Acq: 31 Jan 2023 16:28

Instrument :

MSVOA_U

ClientSampleId :

A44L0

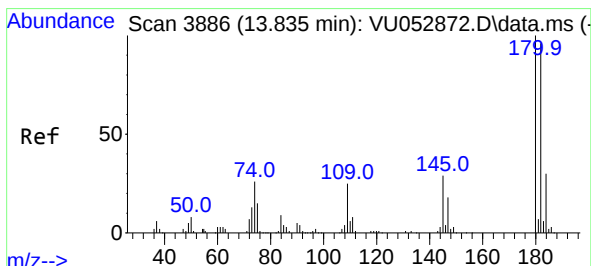
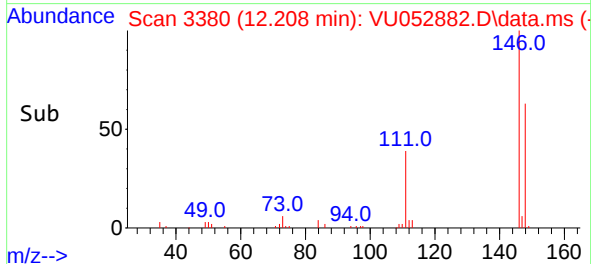
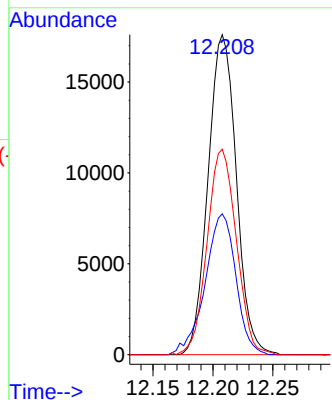
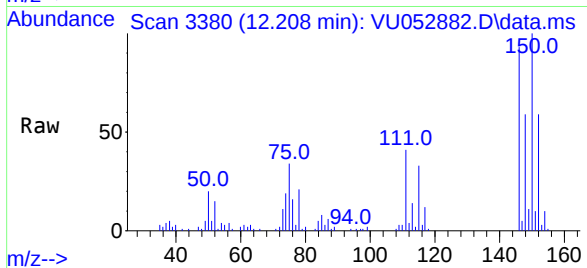
Tgt Ion:146 Resp: 28886

Ion Ratio Lower Upper

146 100

111 44.0 33.2 49.8

148 64.2 50.2 75.4



#70

1,2,4-trichlorobenzene

Concen: 13.843 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052882.D

Acq: 31 Jan 2023 16:28

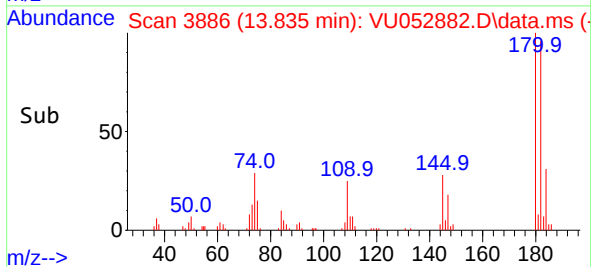
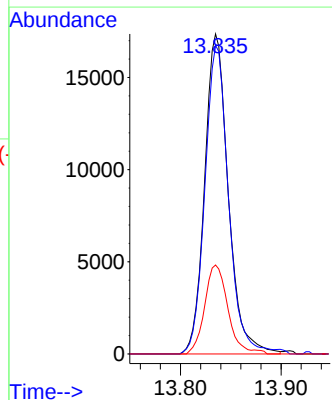
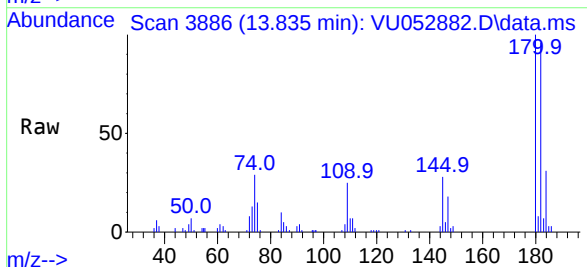
Tgt Ion:180 Resp: 28381

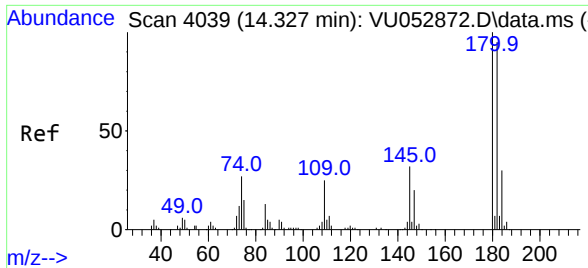
Ion Ratio Lower Upper

180 100

182 95.9 78.2 117.2

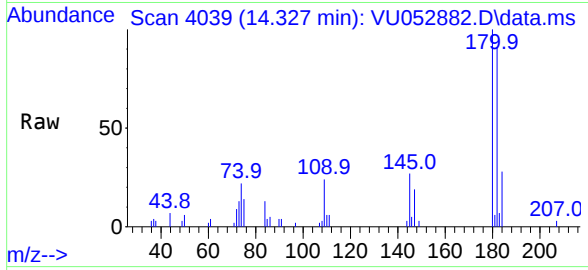
145 26.9 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 3.907 ug/L
 RT: 14.327 min Scan# 4039
 Delta R.T. 0.000 min
 Lab File: VU052882.D
 Acq: 31 Jan 2023 16:28

Instrument :
 MSVOA_U
 ClientSampleId :
 A44L0



Tgt Ion:	180	Resp:	8464
Ion	Ratio	Lower	Upper
180	100		
182	89.9	77.5	116.3
145	28.6	24.2	36.4

