

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020223\
 Data File : VU052929.D
 Acq On : 02 Feb 2023 16:35
 Operator : JC/MD
 Sample : 01381-14DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44N3DL

Quant Time: Feb 03 00:27:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 00:24:34 2023
 Response via : Initial Calibration

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

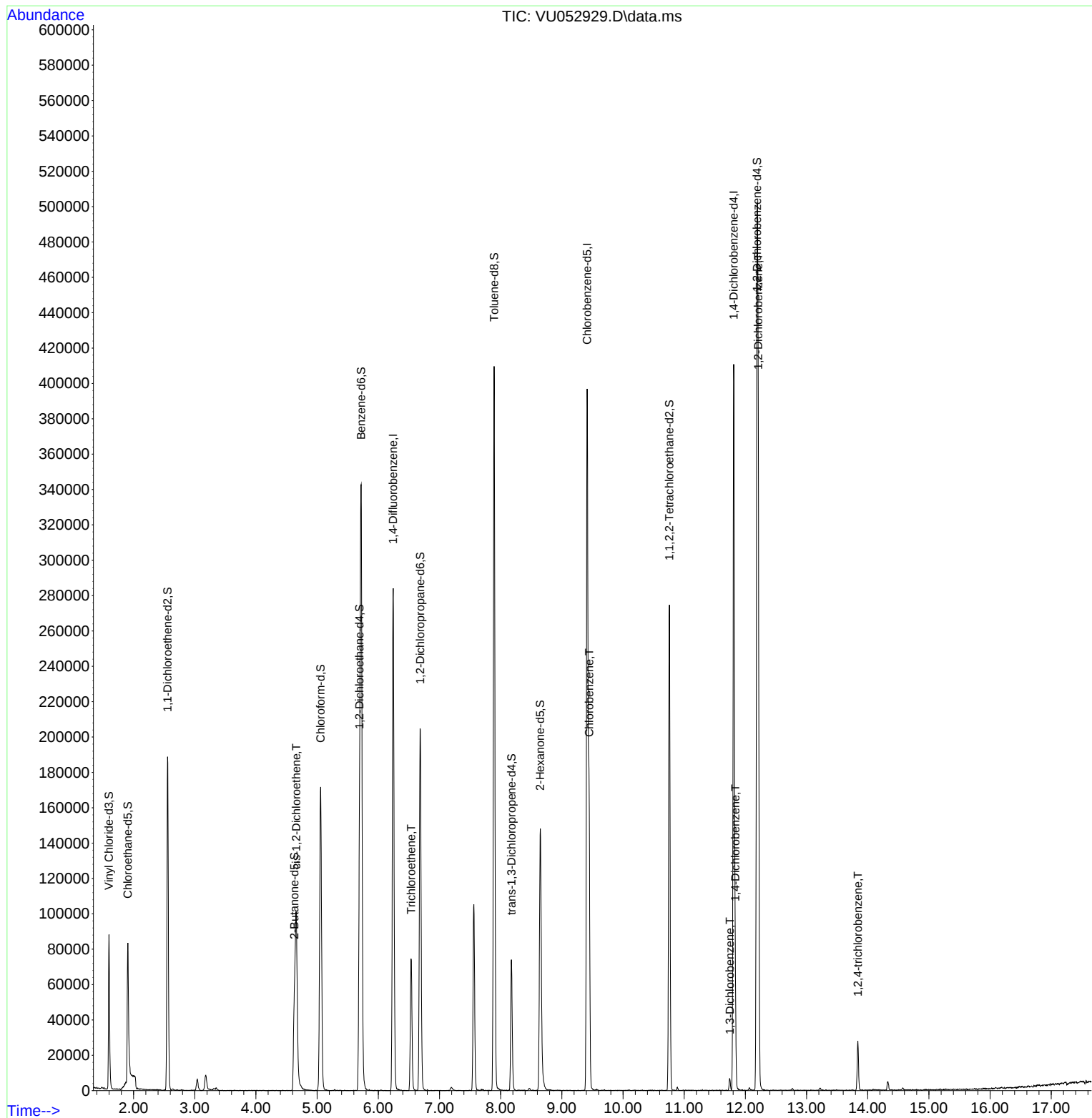
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	237495	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111383	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69759	40.810	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.620%
7) Chloroethane-d5	1.906	69	66966	47.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.080%
11) 1,1-Dichloroethene-d2	2.556	63	110933	32.628	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.260%
21) 2-Butanone-d5	4.629	46	82998	78.598	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.600%
24) Chloroform-d	5.057	84	164650	45.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.260%
26) 1,2-Dichloroethane-d4	5.694	65	110470	47.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.840%
32) Benzene-d6	5.719	84	319040	45.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.700%
36) 1,2-Dichloropropane-d6	6.684	67	96031	46.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.080%
41) Toluene-d8	7.893	98	273534	42.696	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.176	79	44547	43.073	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.140%
47) 2-Hexanone-d5	8.645	63	56928	78.518	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	127337	41.768	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.540%
66) 1,2-Dichlorobenzene-d4	12.192	152	111832	51.708	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.420%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.658	96	44545	21.974	ug/L	96
34) Trichloroethene	6.536	95	25762	12.930	ug/L	96
51) Chlorobenzene	9.446	112	97159	17.578	ug/L	94
64) 1,3-Dichlorobenzene	11.745	146	3355	0.924	ug/L	93
65) 1,4-Dichlorobenzene	11.835	146	25132	6.689	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	135276	36.850	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	9484	4.210	ug/L	99

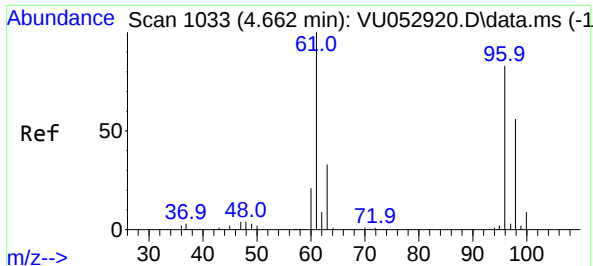
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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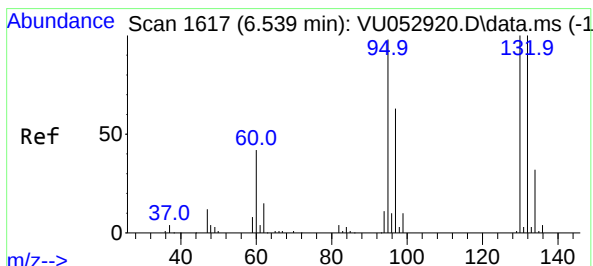
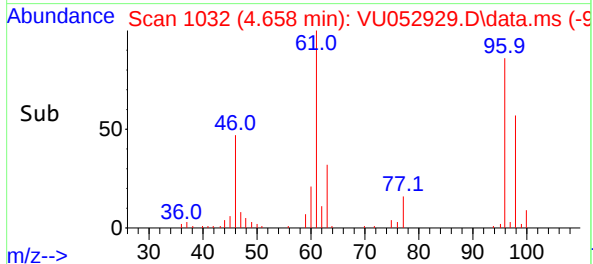
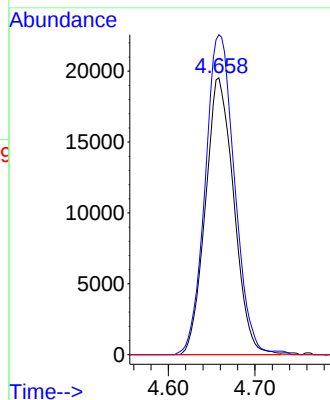
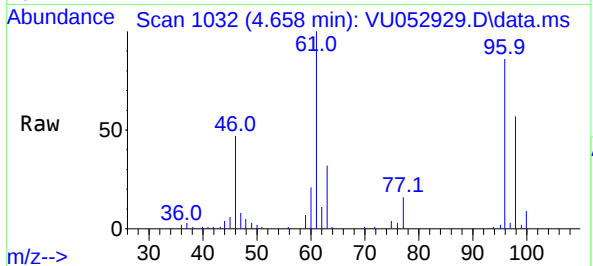




#20
cis-1,2-Dichloroethene
Concen: 21.974 ug/L
RT: 4.658 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052929.D
Acq: 02 Feb 2023 16:35

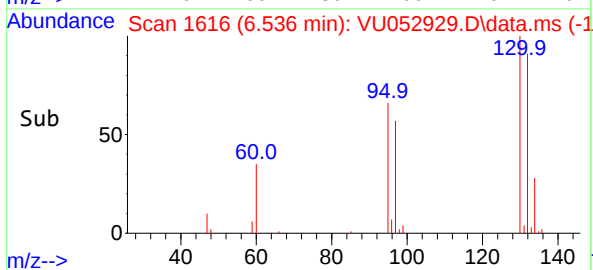
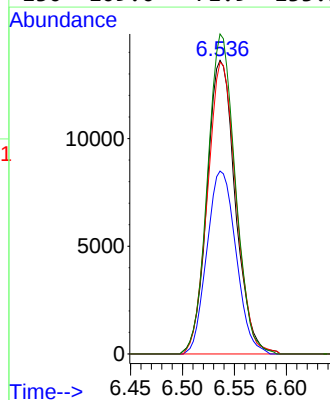
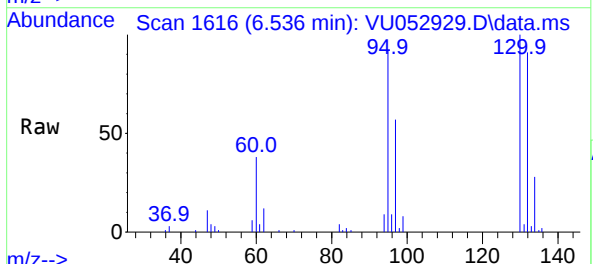
Instrument :
MSVOA_U
ClientSampleId :
A44N3DL

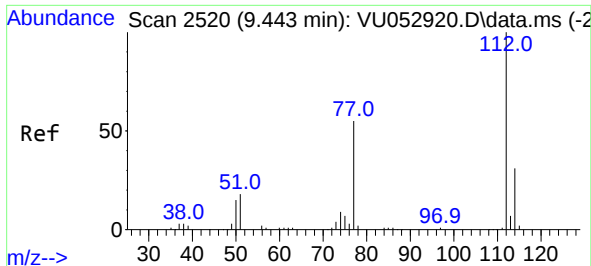
Tgt Ion: 96 Resp: 44545
Ion Ratio Lower Upper
96 100
61 115.6 84.1 156.1
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 12.930 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU052929.D
Acq: 02 Feb 2023 16:35

Tgt Ion: 95 Resp: 25762
Ion Ratio Lower Upper
95 100
97 62.3 44.5 82.7
132 99.4 66.8 124.0
130 109.0 71.9 133.5

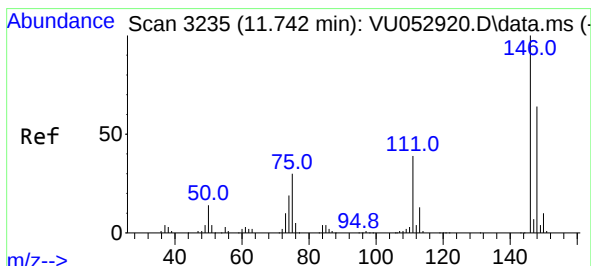
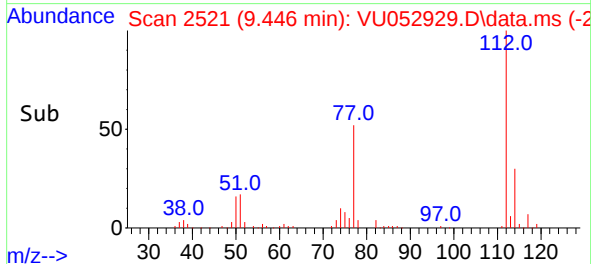
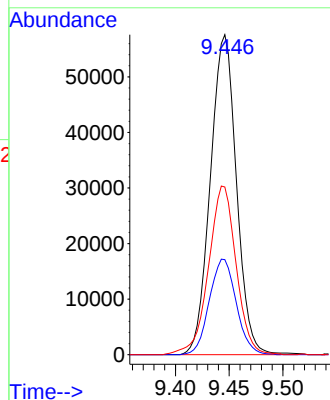
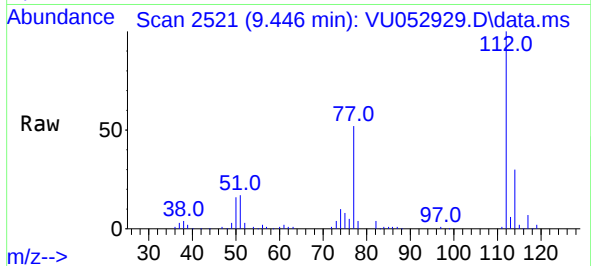




#51
Chlorobenzene
Concen: 17.578 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052929.D
Acq: 02 Feb 2023 16:35

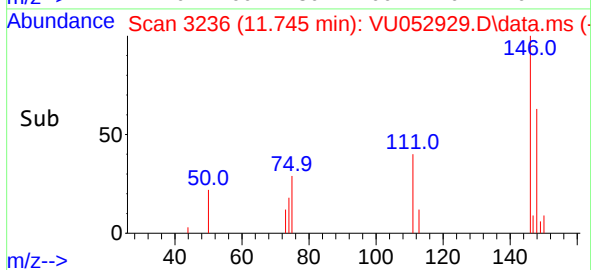
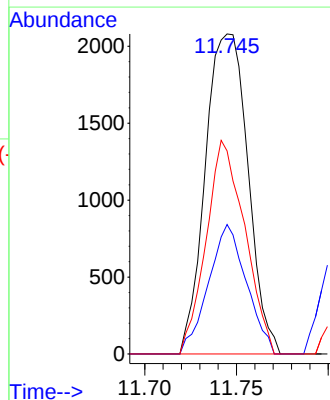
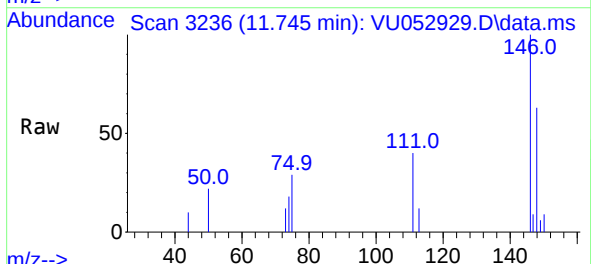
Instrument :
MSVOA_U
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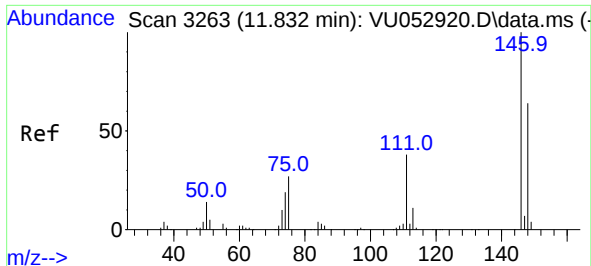
Tgt Ion:112 Resp: 97159
Ion Ratio Lower Upper
112 100
114 29.7 22.8 42.4
77 52.4 45.9 68.9



#64
1,3-Dichlorobenzene
Concen: 0.924 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU052929.D
Acq: 02 Feb 2023 16:35

Tgt Ion:146 Resp: 3355
Ion Ratio Lower Upper
146 100
111 37.3 27.8 51.6
148 58.4 45.5 84.5





#65

1,4-Dichlorobenzene

Concen: 6.689 ug/L

RT: 11.835 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU052929.D

Acq: 02 Feb 2023 16:35

Instrument :

MSVOA_U

ClientSampleId :

A44N3DL

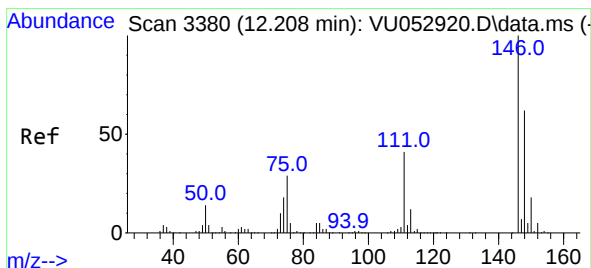
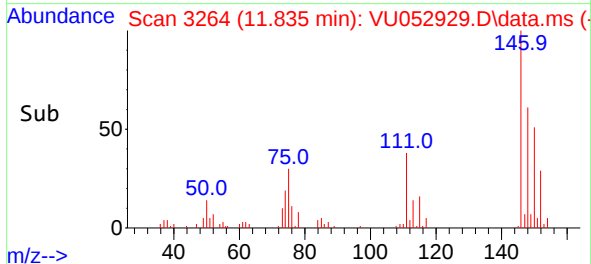
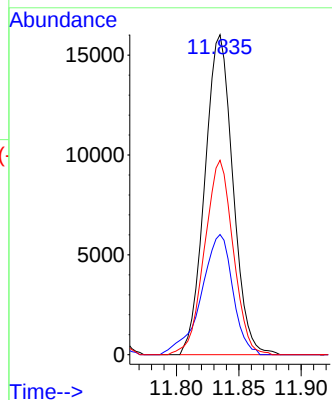
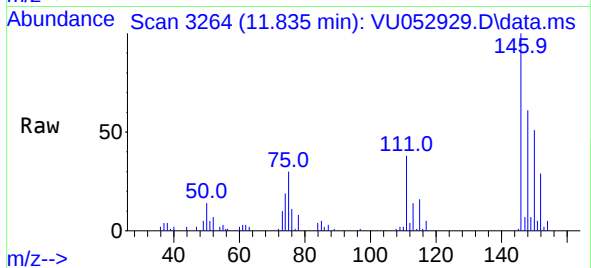
Tgt Ion:146 Resp: 25132

Ion Ratio Lower Upper

146 100

111 37.6 26.7 49.7

148 60.7 45.6 84.6



#67

1,2-Dichlorobenzene

Concen: 36.850 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU052929.D

Acq: 02 Feb 2023 16:35

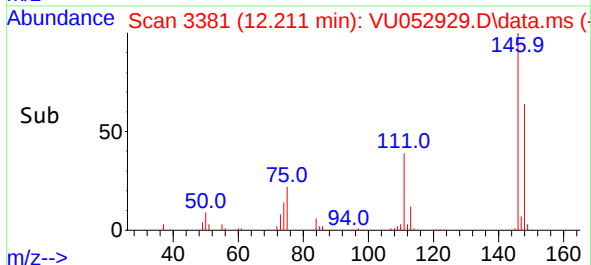
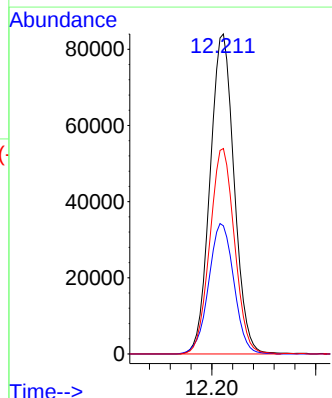
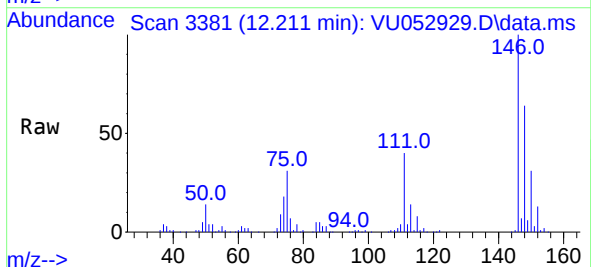
Tgt Ion:146 Resp: 135276

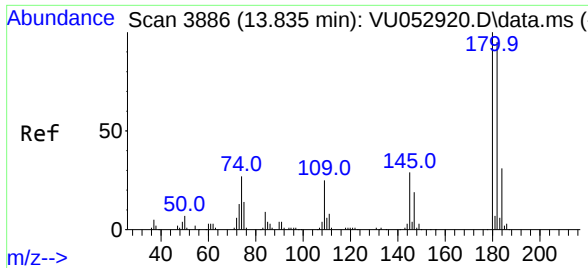
Ion Ratio Lower Upper

146 100

111 40.1 33.2 49.8

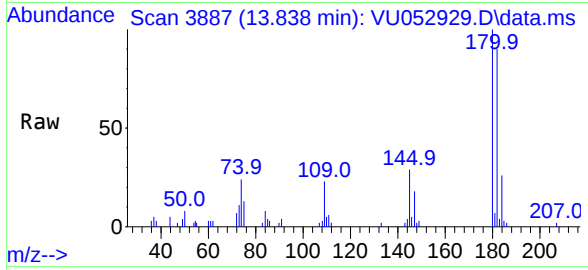
148 64.2 50.2 75.4





#70
 1,2,4-trichlorobenzene
 Concen: 4.210 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.003 min
 Lab File: VU052929.D
 Acq: 02 Feb 2023 16:35

Instrument :
 MSVOA_U
 ClientSampleId :
 A44N3DL



Tgt Ion:	180	Resp:	9484
Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.2	117.2
145	30.0	23.4	35.2

