

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
 Data File : VU052900.D
 Acq On : 01 Feb 2023 13:11
 Operator : JC/MD
 Sample : 01381-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44N1

Quant Time: Feb 01 20:04:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 20:03:09 2023
 Response via : Initial Calibration

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

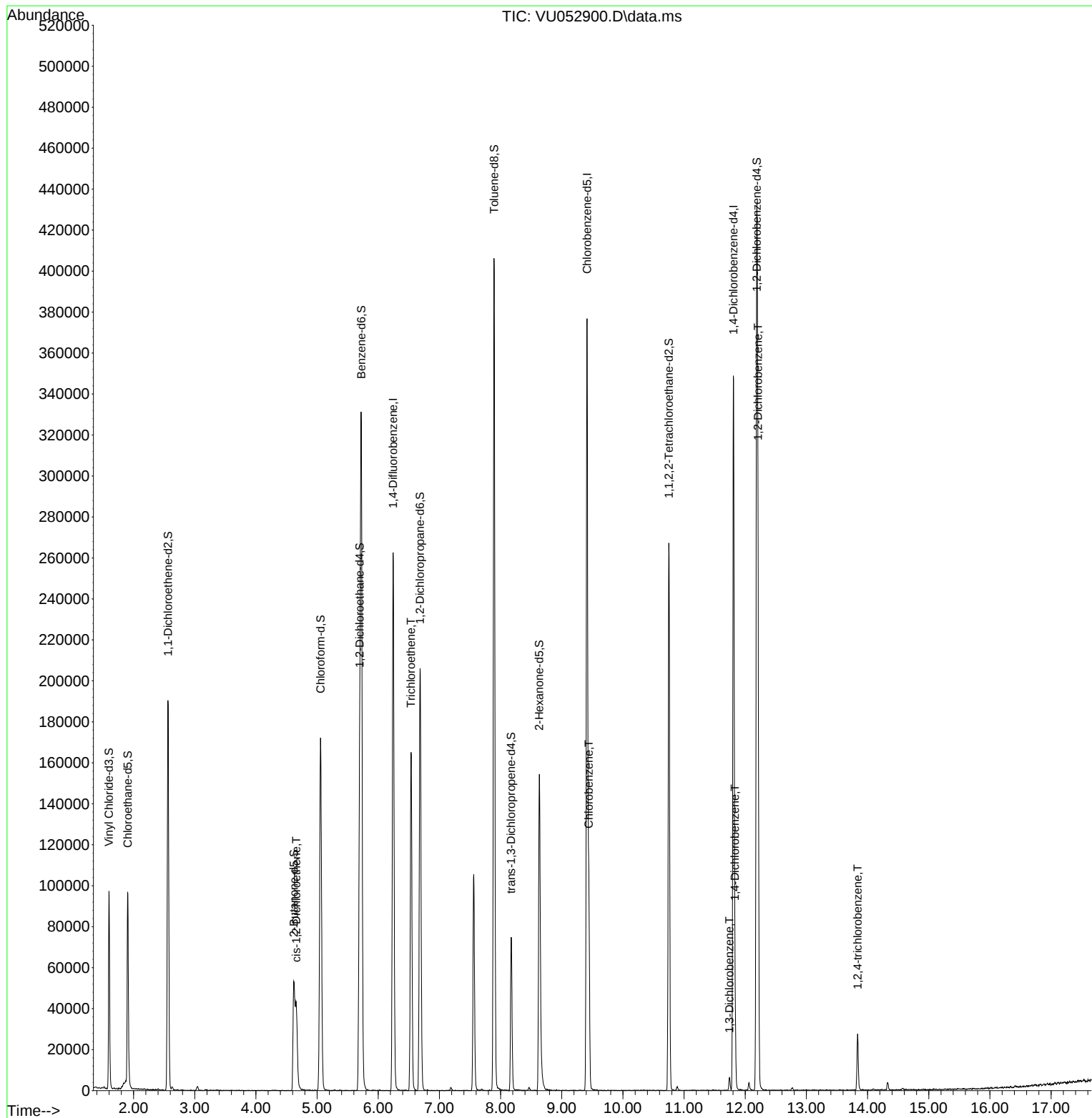
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	217275	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	210730	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	97141	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74750	47.799	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.600%
7) Chloroethane-d5	1.903	69	70283	54.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.080%
11) 1,1-Dichloroethene-d2	2.562	63	113254	36.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.820%
21) 2-Butanone-d5	4.620	46	75083	77.720	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.720%
24) Chloroform-d	5.057	84	163991	49.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	5.697	65	108388	50.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.720%
32) Benzene-d6	5.722	84	309326	48.046	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.100%
36) 1,2-Dichloropropane-d6	6.684	67	94114	49.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.680%
41) Toluene-d8	7.893	98	267412	45.614	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.220%
43) trans-1,3-Dichloroprop...	8.173	79	44359	46.872	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.740%
47) 2-Hexanone-d5	8.632	63	52180	78.648	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.650%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	121892	43.692	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.380%
66) 1,2-Dichlorobenzene-d4	12.188	152	103442	54.841	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.680%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.661	96	17901	9.652	ug/L	96
34) Trichloroethene	6.536	95	55056	30.197	ug/L	93
51) Chlorobenzene	9.443	112	52224	10.325	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	3219	1.017	ug/L	94
65) 1,4-Dichlorobenzene	11.832	146	19184	5.854	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	94139	29.403	ug/L	96
70) 1,2,4-trichlorobenzene	13.838	180	9734	4.955	ug/L	95

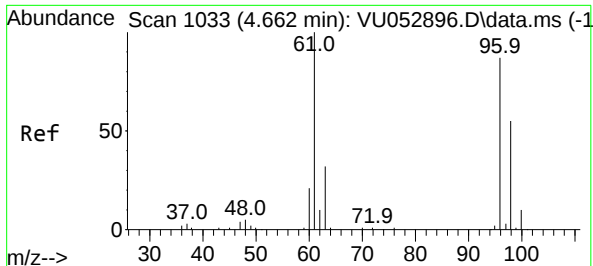
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
Data File : VU052900.D
Acq On : 01 Feb 2023 13:11
Operator : JC/MD
Sample : 01381-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44N1

Quant Time: Feb 01 20:04:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 01 20:03:09 2023
Response via : Initial Calibration

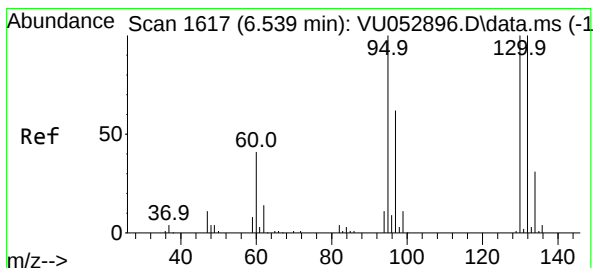
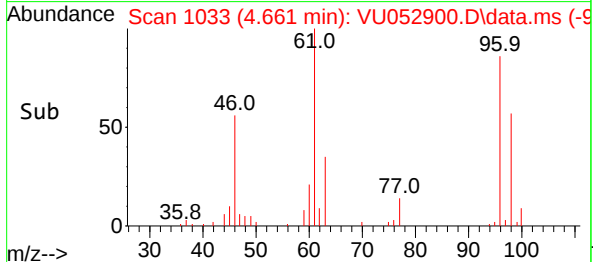
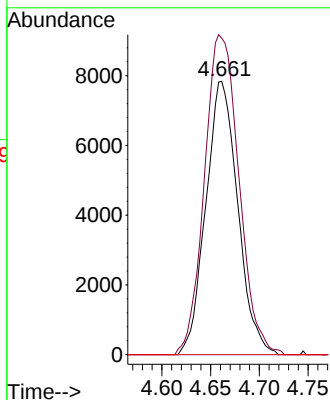
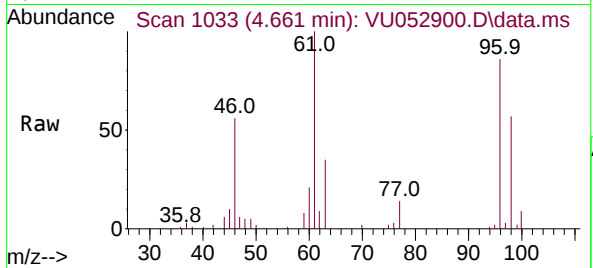




#20
cis-1,2-Dichloroethene
Concen: 9.652 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052900.D
Acq: 01 Feb 2023 13:11

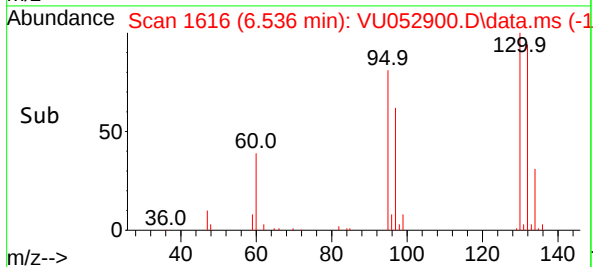
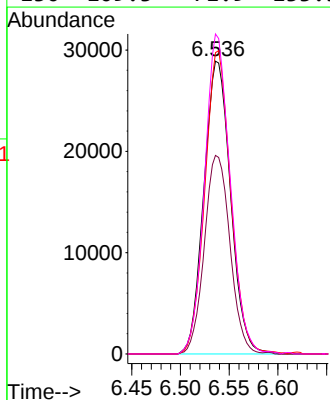
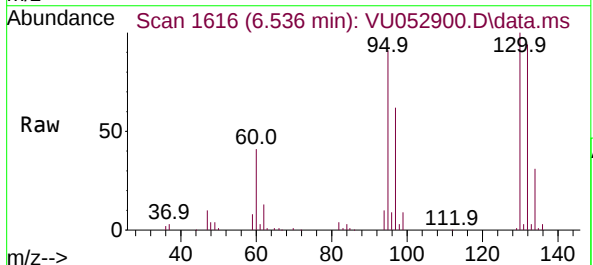
Instrument :
MSVOA_U
ClientSampleId :
A44N1

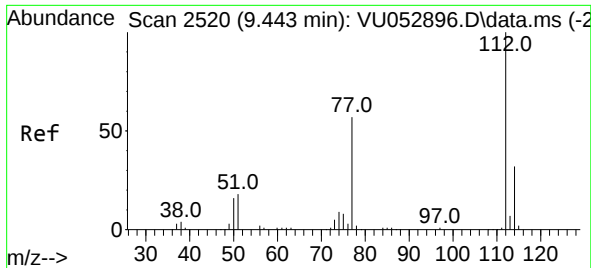
Tgt Ion: 96 Resp: 17901
Ion Ratio Lower Upper
96 100
61 115.7 84.1 156.1
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 30.197 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU052900.D
Acq: 01 Feb 2023 13:11

Tgt Ion: 95 Resp: 55056
Ion Ratio Lower Upper
95 100
97 67.8 44.5 82.7
132 102.9 66.8 124.0
130 109.3 71.9 133.5

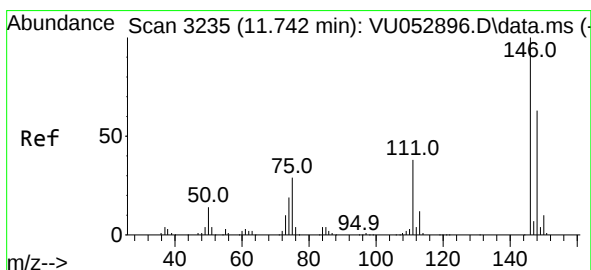
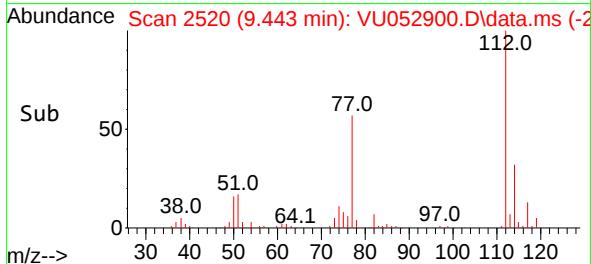
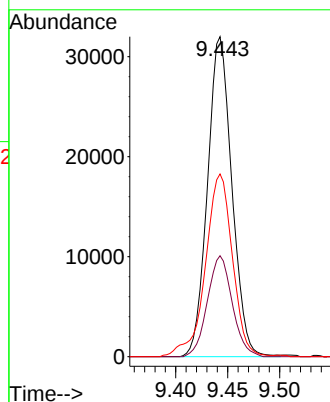
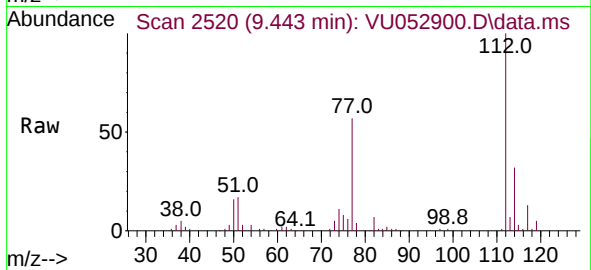




#51
Chlorobenzene
Concen: 10.325 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052900.D
Acq: 01 Feb 2023 13:11

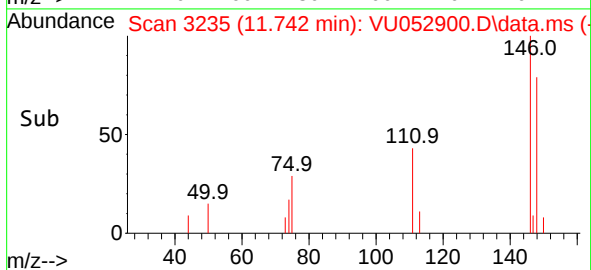
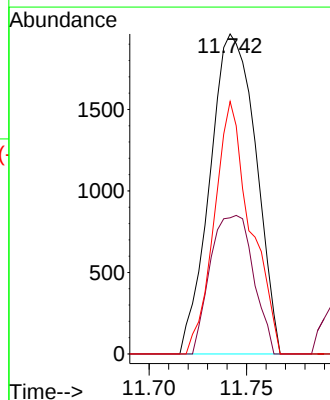
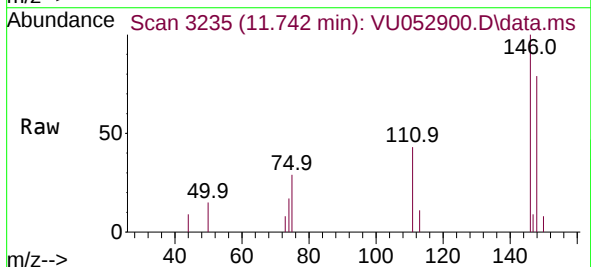
Instrument :
MSVOA_U
ClientSampleId :
A44N1

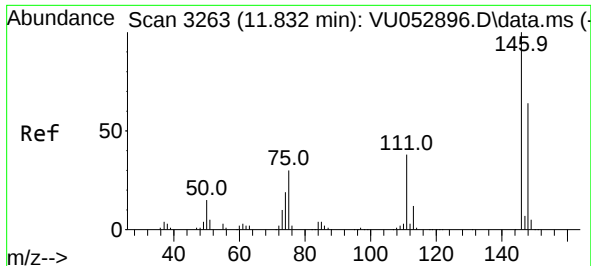
Tgt Ion:112 Resp: 52224
Ion Ratio Lower Upper
112 100
114 31.5 22.8 42.4
77 57.1 45.9 68.9



#64
1,3-Dichlorobenzene
Concen: 1.017 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU052900.D
Acq: 01 Feb 2023 13:11

Tgt Ion:146 Resp: 3219
Ion Ratio Lower Upper
146 100
111 39.1 27.8 51.6
148 72.6 45.5 84.5

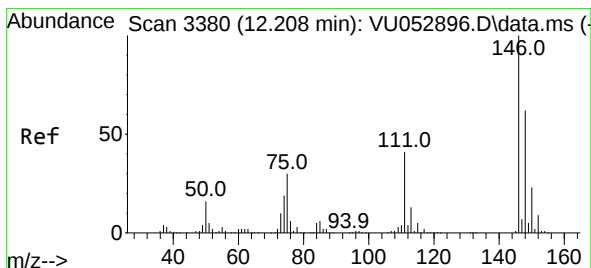
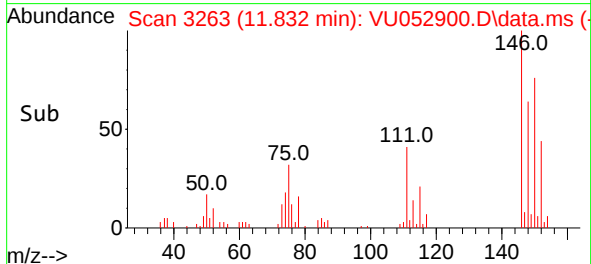
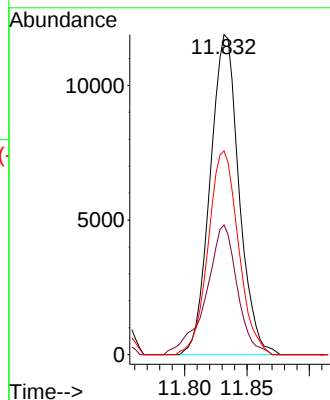
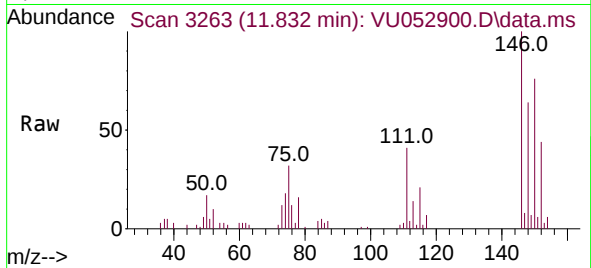




#65
1,4-Dichlorobenzene
Concen: 5.854 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052900.D
Acq: 01 Feb 2023 13:11

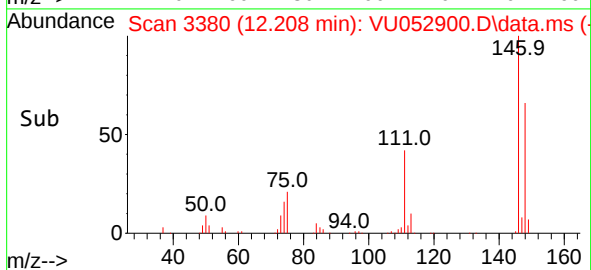
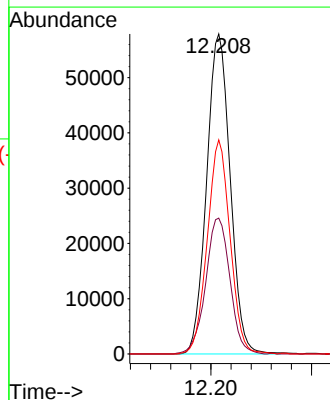
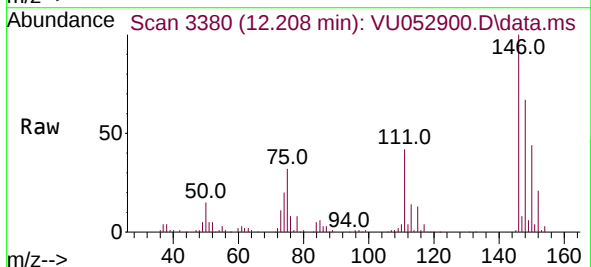
Instrument :
MSVOA_U
ClientSampleId :
A44N1

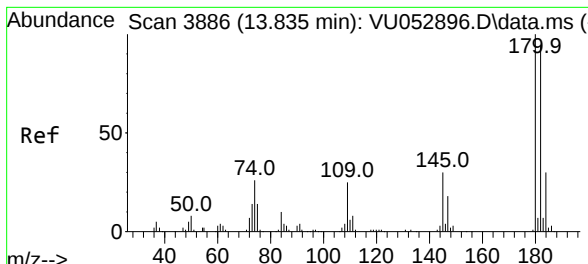
Tgt Ion:146 Resp: 19184
Ion Ratio Lower Upper
146 100
111 40.5 26.7 49.7
148 63.6 45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 29.403 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052900.D
Acq: 01 Feb 2023 13:11

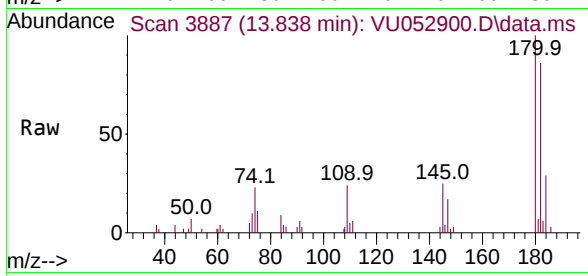
Tgt Ion:146 Resp: 94139
Ion Ratio Lower Upper
146 100
111 42.5 33.2 49.8
148 66.9 50.2 75.4





#70
 1,2,4-trichlorobenzene
 Concen: 4.955 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.003 min
 Lab File: VU052900.D
 Acq: 01 Feb 2023 13:11

Instrument :
 MSVOA_U
 ClientSampleId :
 A44N1



Tgt Ion:180 Resp: 9734

Ion	Ratio	Lower	Upper
180	100		
182	91.5	78.2	117.2
145	28.8	23.4	35.2

