

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020223\
 Data File : VU052931.D
 Acq On : 02 Feb 2023 17:22
 Operator : JC/MD
 Sample : 01381-17DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44Q5DL

Quant Time: Feb 03 00:27:41 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)

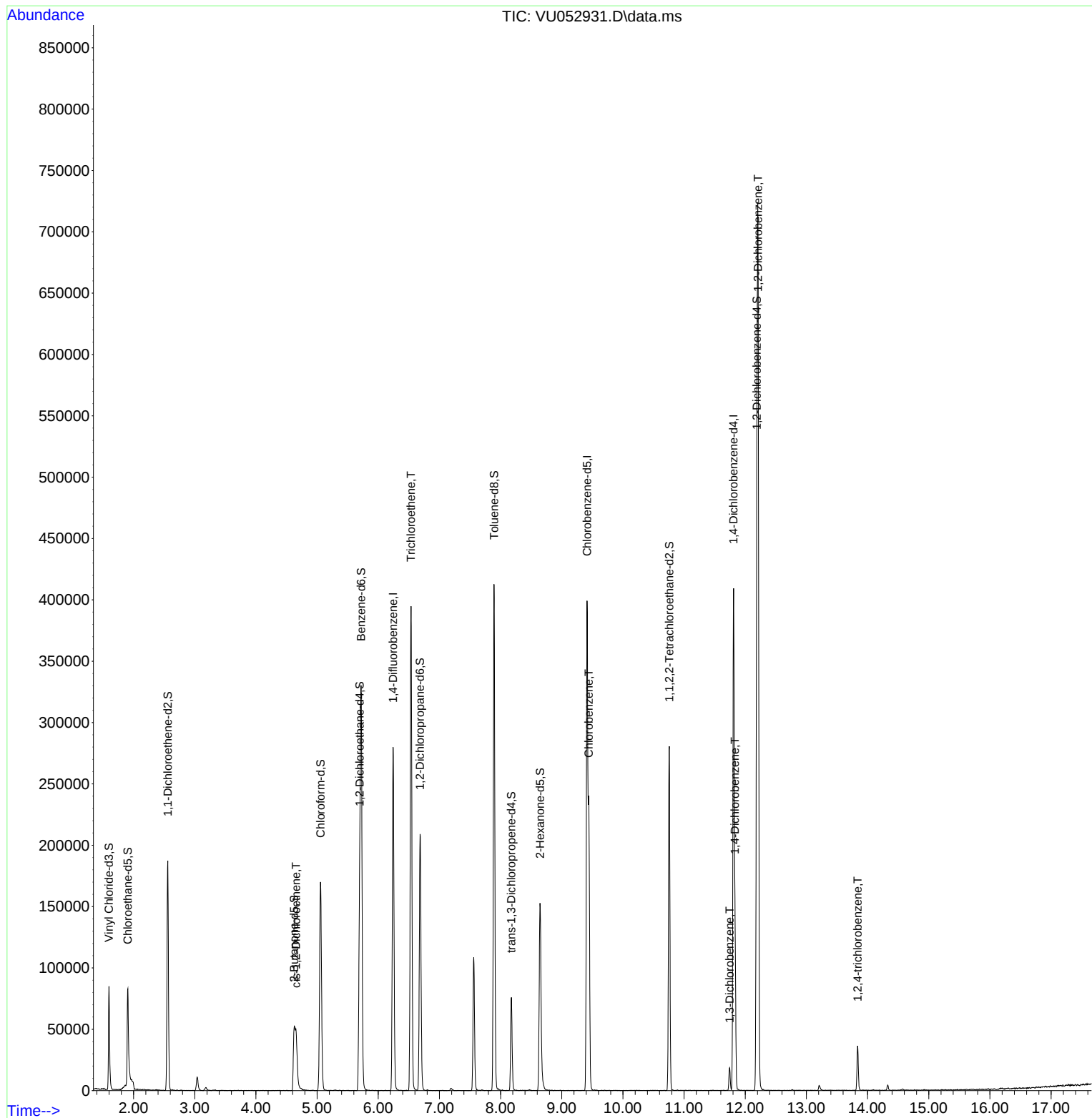
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	234390	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	224449	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113455	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67516	40.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.040%
7) Chloroethane-d5	1.906	69	65752	47.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.559	63	109437	32.615	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.220%
21) 2-Butanone-d5	4.626	46	82466	79.129	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.130%
24) Chloroform-d	5.057	84	162932	45.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.500%
26) 1,2-Dichloroethane-d4	5.697	65	109490	47.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
32) Benzene-d6	5.719	84	307975	44.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.820%
36) 1,2-Dichloropropane-d6	6.684	67	94189	46.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.660%
41) Toluene-d8	7.893	98	269546	43.168	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.340%
43) trans-1,3-Dichloroprop...	8.176	79	45145	44.786	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.580%
47) 2-Hexanone-d5	8.645	63	59072	83.594	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.590%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	130020	43.757	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.520%
66) 1,2-Dichlorobenzene-d4	12.188	152	111267	50.507	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.020%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.658	96	16285	8.140	ug/L	87
34) Trichloroethene	6.536	95	132417	68.188	ug/L	97
51) Chlorobenzene	9.443	112	125772	23.346	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	8347	2.258	ug/L	95
65) 1,4-Dichlorobenzene	11.831	146	49992	13.062	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	257716	68.921	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	12356	5.385	ug/L	99

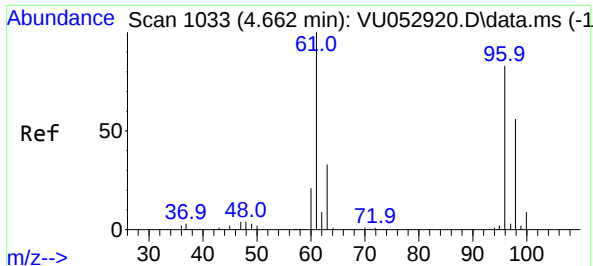
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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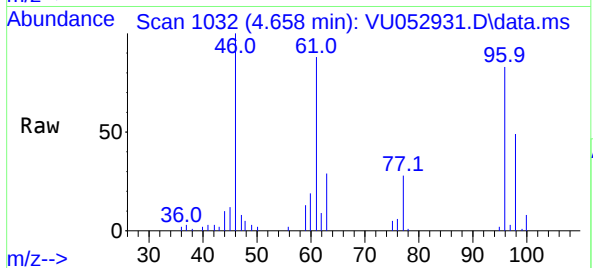
Quant Time: Feb 03 00:27:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 03 00:24:34 2023
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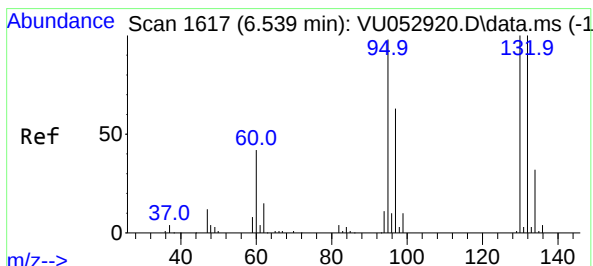
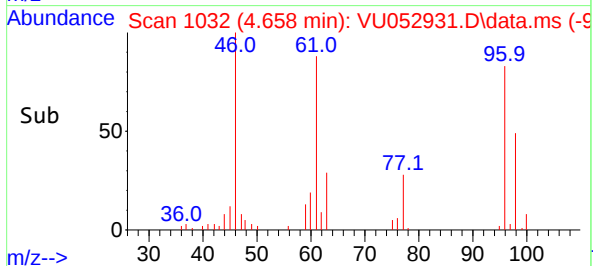
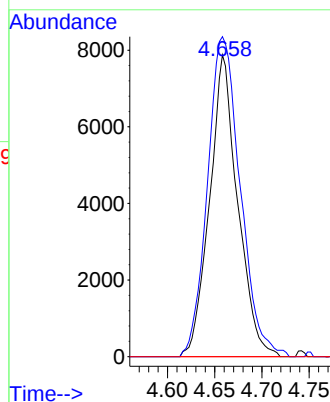


#20
cis-1,2-Dichloroethene
Concen: 8.140 ug/L
RT: 4.658 min Scan# 1033
Delta R.T. -0.004 min
Lab File: VU052931.D
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Instrument :
MSVOA_U
ClientSampleId :
A44Q5DL

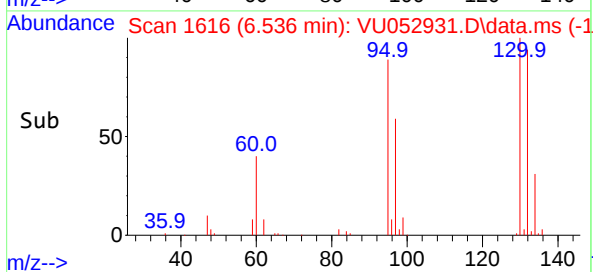
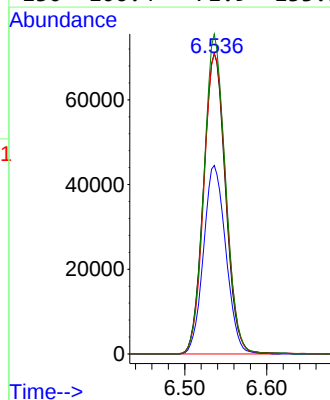
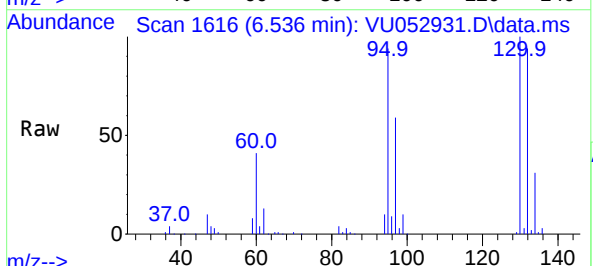


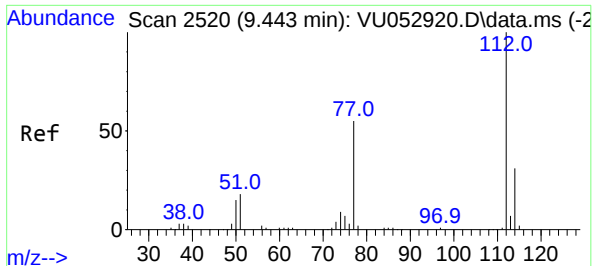
Tgt Ion: 96 Resp: 16285
Ion Ratio Lower Upper
96 100
61 106.0 84.1 156.1
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 68.188 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.004 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

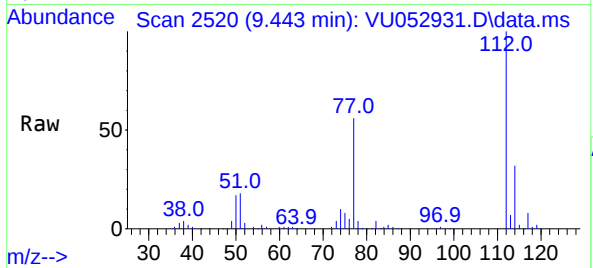
Tgt Ion: 95 Resp: 132417
Ion Ratio Lower Upper
95 100
97 62.7 44.5 82.7
132 99.8 66.8 124.0
130 106.4 71.9 133.5



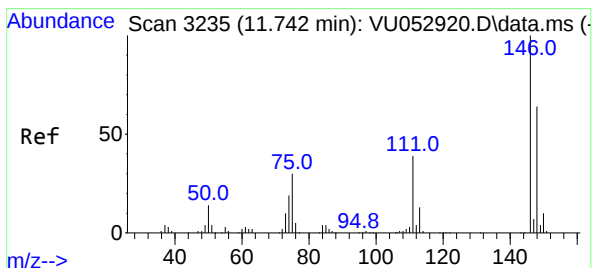
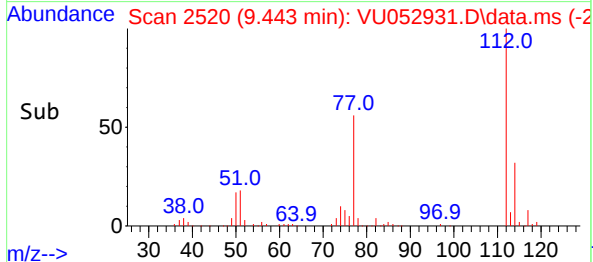
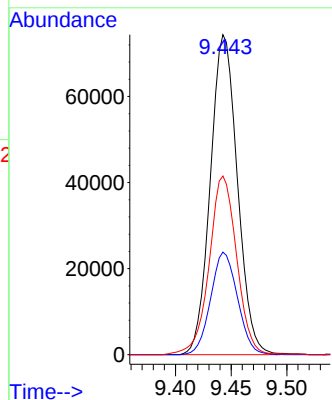


#51
Chlorobenzene
Concen: 23.346 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

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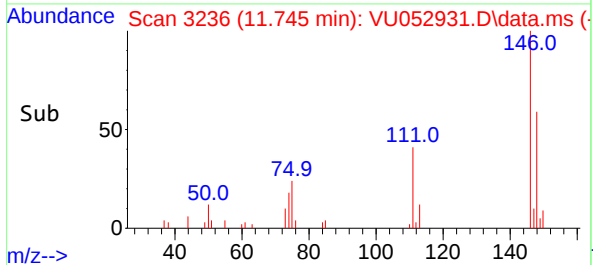
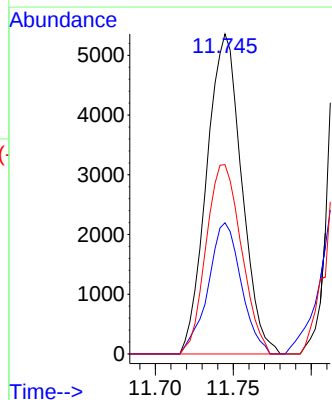
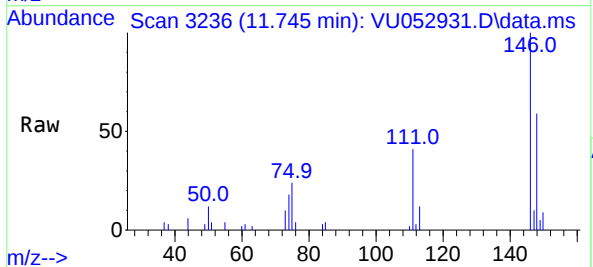


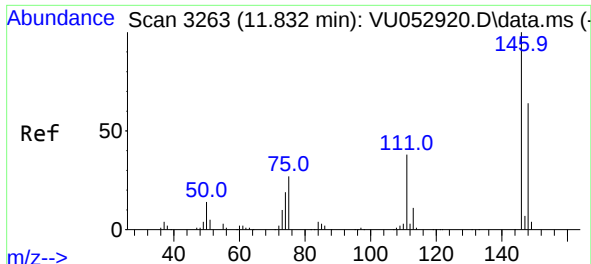
Tgt Ion:112 Resp: 125772
Ion Ratio Lower Upper
112 100
114 32.0 22.8 42.4
77 55.9 45.9 68.9



#64
1,3-Dichlorobenzene
Concen: 2.258 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

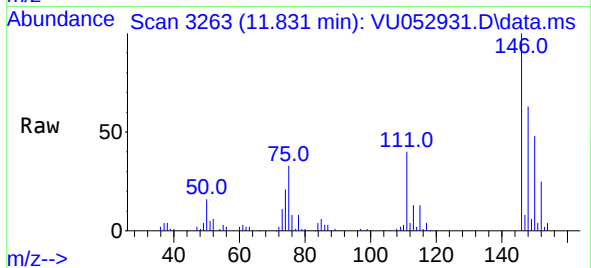
Tgt Ion:146 Resp: 8347
Ion Ratio Lower Upper
146 100
111 41.0 27.8 51.6
148 59.2 45.5 84.5



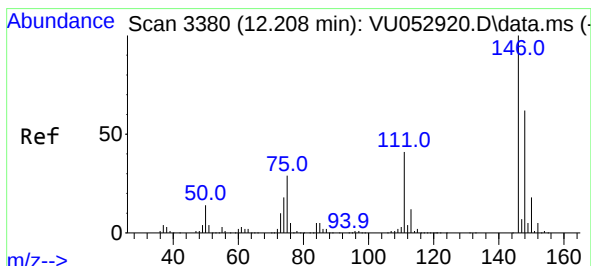
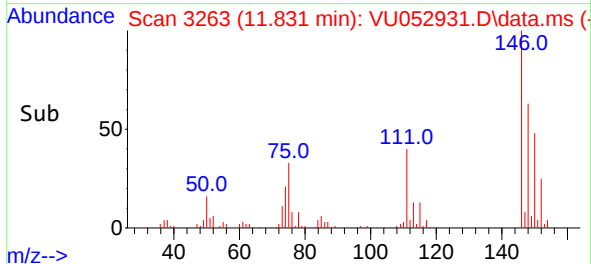
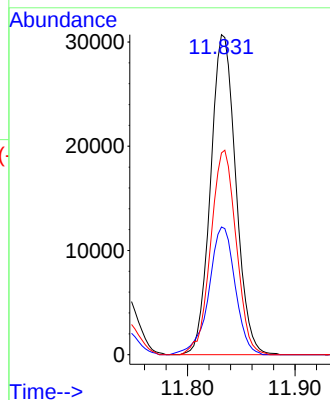


#65
1,4-Dichlorobenzene
Concen: 13.062 ug/L
RT: 11.831 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

Instrument :
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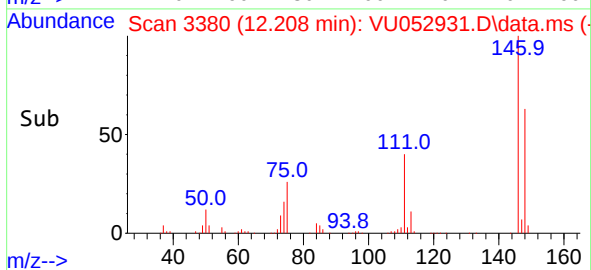
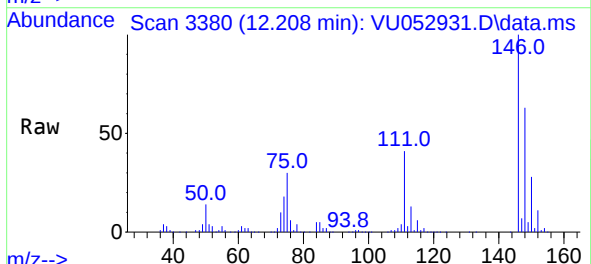
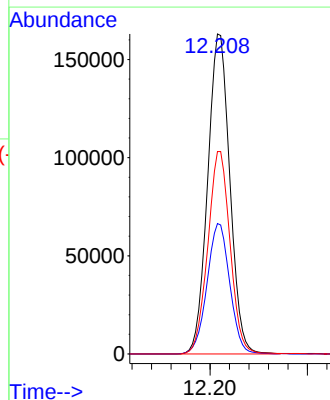


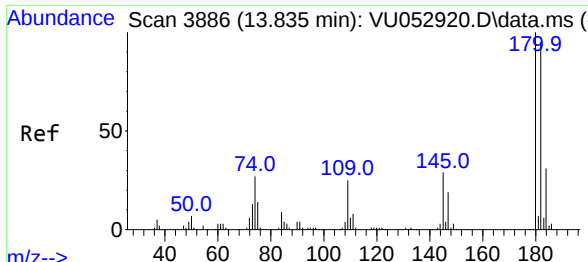
Tgt Ion:146 Resp: 49992
Ion Ratio Lower Upper
146 100
111 39.9 26.7 49.7
148 63.0 45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 68.921 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052931.D
Acq: 02 Feb 2023 17:22

Tgt Ion:146 Resp: 257716
Ion Ratio Lower Upper
146 100
111 40.7 33.2 49.8
148 63.2 50.2 75.4





#70
 1,2,4-trichlorobenzene
 Concen: 5.385 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.003 min
 Lab File: VU052931.D
 Acq: 02 Feb 2023 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 A44Q5DL

Tgt Ion:180 Resp: 12356
 Ion Ratio Lower Upper
 180 100
 182 98.2 78.2 117.2
 145 27.5 23.4 35.2

