

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV013023\
 Data File : VV029986.D
 Acq On : 30 Jan 2023 13:04
 Operator : SY/MD
 Sample : 01314-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A44L1

Quant Time: Jan 31 02:18:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

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

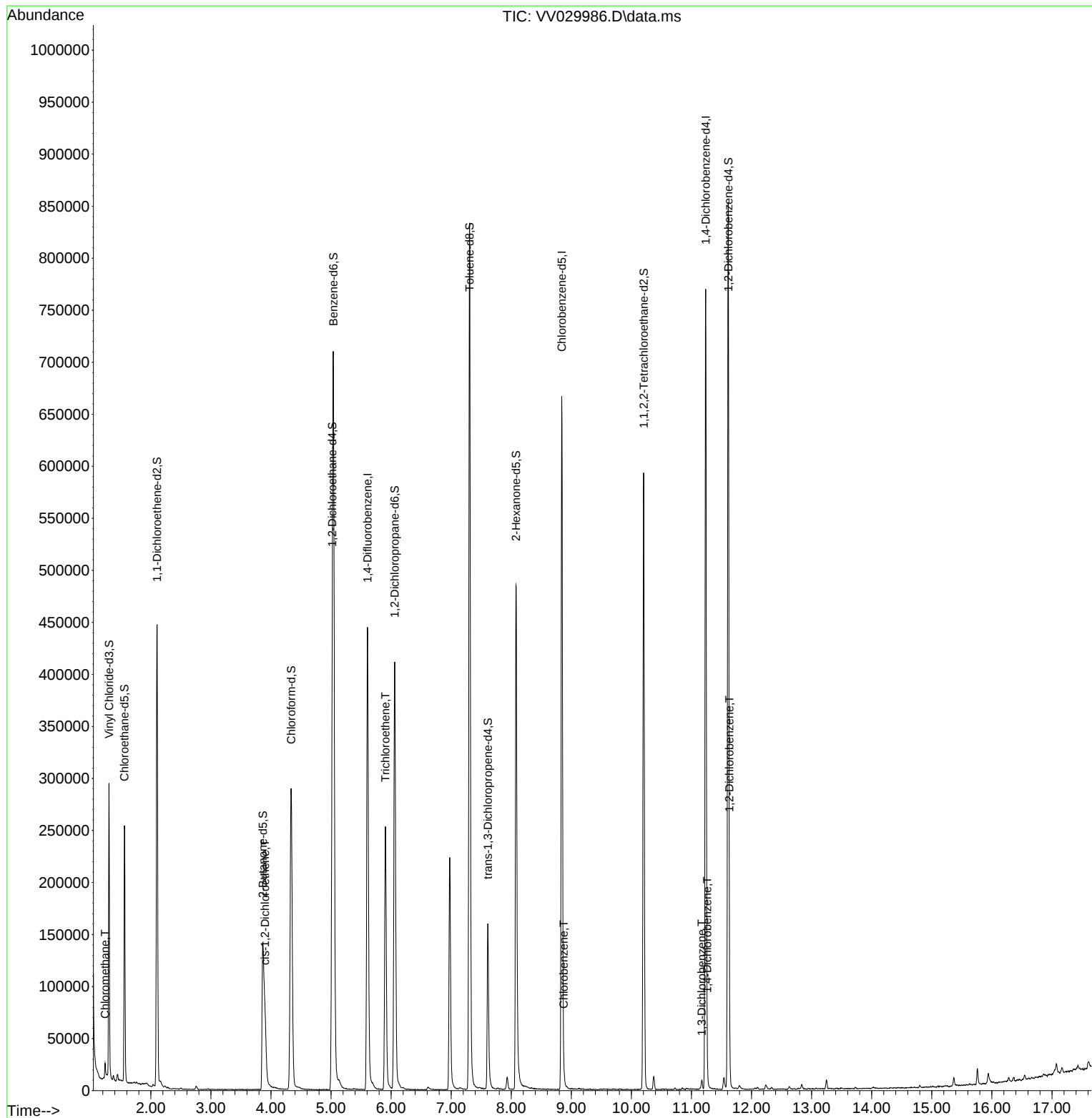
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	390891	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	382868	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	203091	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	171080	62.811	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 125.620%		
7) Chloroethane-d5	1.561	69	157880	68.905	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 137.800%#		
11) 1,1-Dichloroethene-d2	2.101	63	237323	49.031	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 98.060%		
21) 2-Butanone-d5	3.863	46	221451	139.528	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 139.530%#		
24) Chloroform-d	4.336	84	308030	60.826	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 121.660%		
26) 1,2-Dichloroethane-d4	5.021	65	185484	65.423	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 130.840%#		
32) Benzene-d6	5.040	84	666968	65.113	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 130.220%#		
36) 1,2-Dichloropropane-d6	6.059	67	223721	70.954	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 141.900%#		
41) Toluene-d8	7.307	98	573099	61.051	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 122.100%#		
43) trans-1,3-Dichloroprop...	7.609	79	91902	65.620	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 131.240%#		
47) 2-Hexanone-d5	8.079	63	179936	132.723	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 132.720%#		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	300557	61.598	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 123.200%#		
66) 1,2-Dichlorobenzene-d4	11.612	152	225347	62.273	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 124.540%#		
Target Compounds						Qvalue
3) Chloromethane	1.240	50	8899	3.124	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	27547	8.942	ug/L	91
34) Trichloroethene	5.905	95	91712	31.657	ug/L	95
51) Chlorobenzene	8.873	112	4778	0.566	ug/L	93
64) 1,3-Dichlorobenzene	11.172	146	3853	0.630	ug/L	87
65) 1,4-Dichlorobenzene	11.262	146	3885	0.613	ug/L	92
67) 1,2-Dichlorobenzene	11.628	146	9392	1.524	ug/L #	93

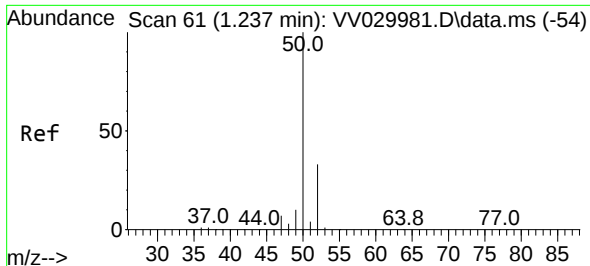
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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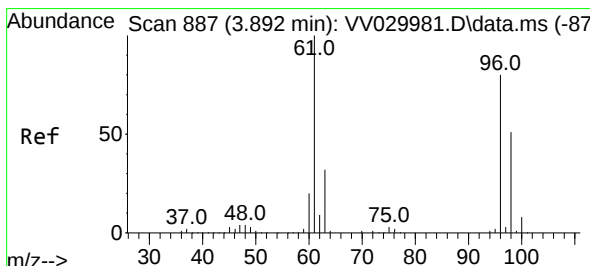
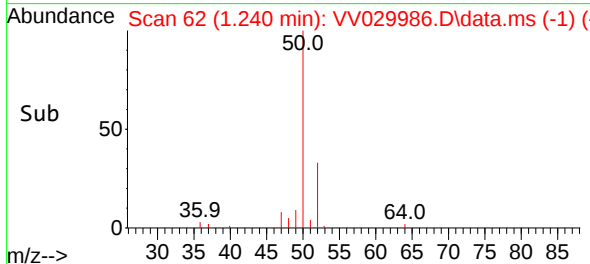
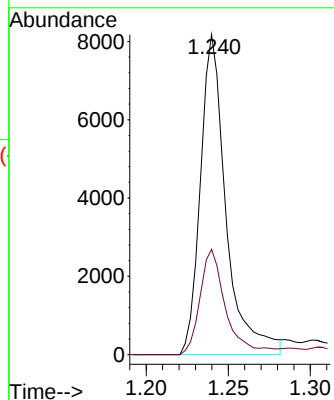
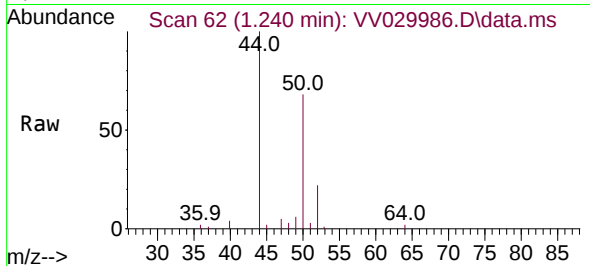




#3
Chloromethane
Concen: 3.124 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029986.D
Acq: 30 Jan 2023 13:04

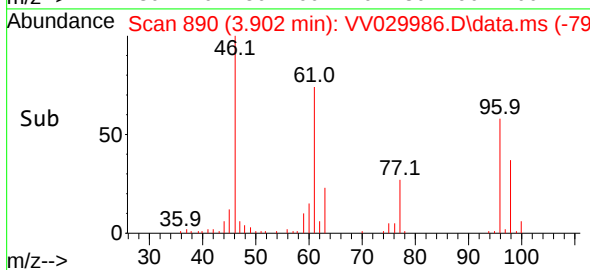
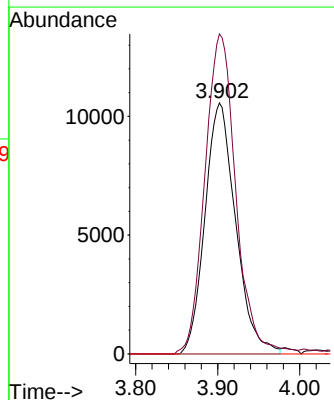
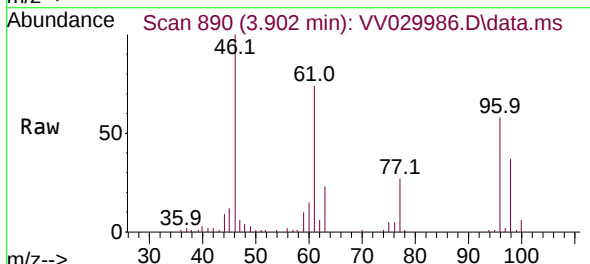
Instrument :
MSVOA_V
ClientSampleId :
A44L1

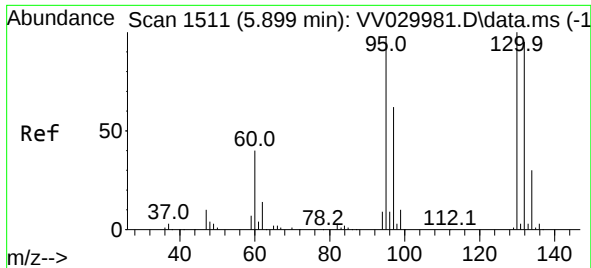
Tgt Ion: 50 Resp: 8899
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.4



#20
cis-1,2-Dichloroethene
Concen: 8.942 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.010 min
Lab File: VV029986.D
Acq: 30 Jan 2023 13:04

Tgt Ion: 96 Resp: 27547
Ion Ratio Lower Upper
96 100
61 127.5 82.5 153.3
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 31.657 ug/L

RT: 5.905 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV029986.D

Acq: 30 Jan 2023 13:04

Instrument :

MSVOA_V

ClientSampleId :

A44L1

Tgt Ion: 95 Resp: 91712

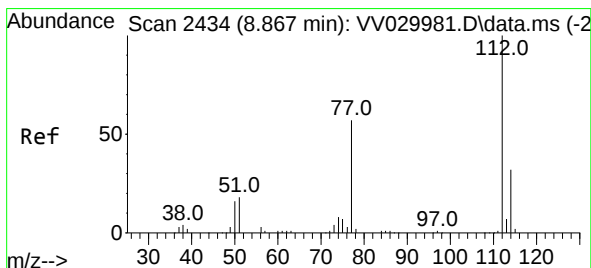
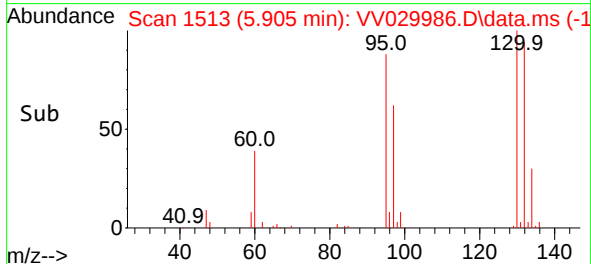
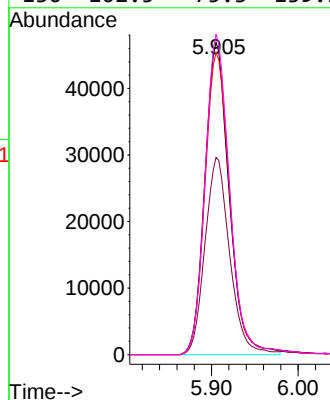
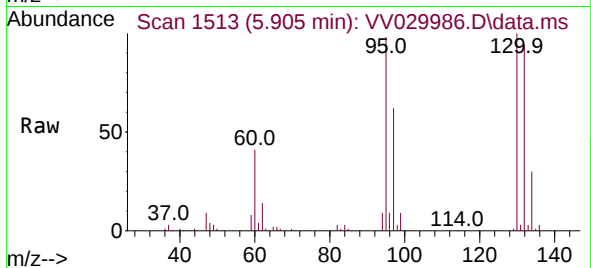
Ion Ratio Lower Upper

95 100

97 63.2 46.5 86.5

132 96.8 71.8 133.4

130 102.5 75.3 139.9



#51

Chlorobenzene

Concen: 0.566 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.006 min

Lab File: VV029986.D

Acq: 30 Jan 2023 13:04

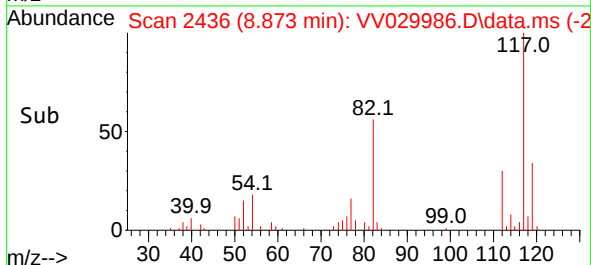
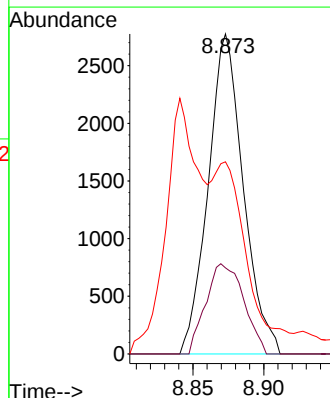
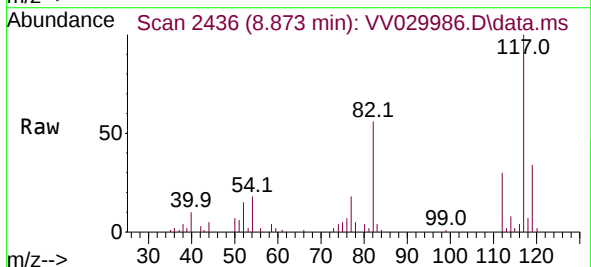
Tgt Ion: 112 Resp: 4778

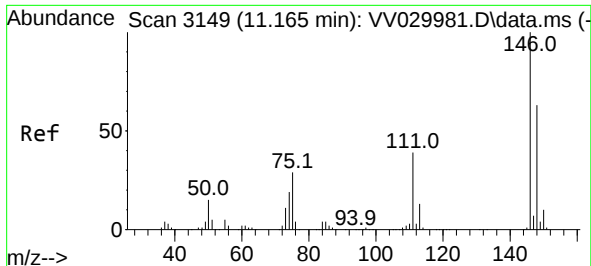
Ion Ratio Lower Upper

112 100

114 26.9 22.6 42.0

77 60.0 44.6 66.8

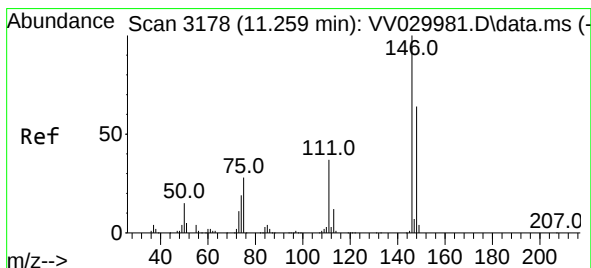
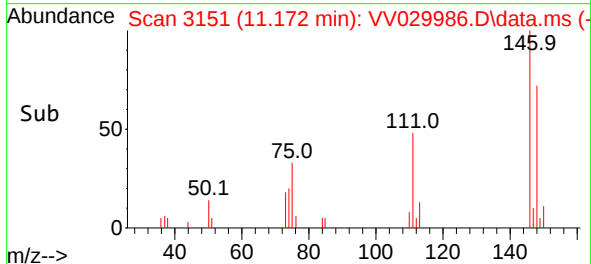
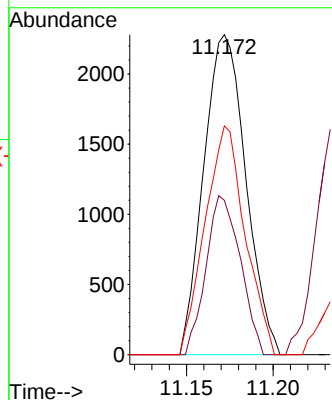
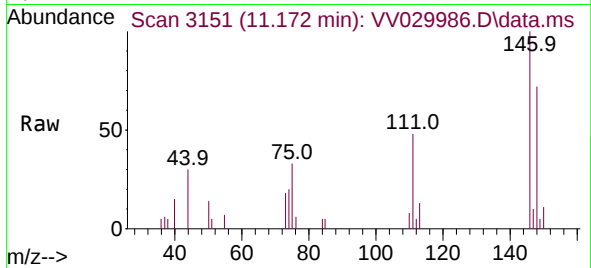




#64
1,3-Dichlorobenzene
Concen: 0.630 ug/L
RT: 11.172 min Scan# 3149
Delta R.T. 0.006 min
Lab File: VV029986.D
Acq: 30 Jan 2023 13:04

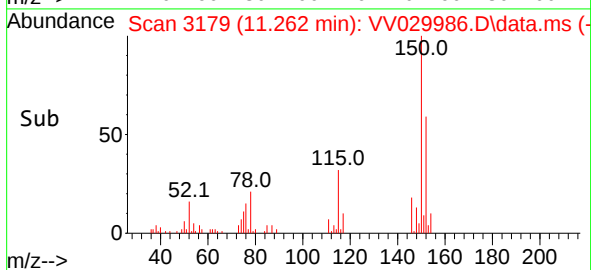
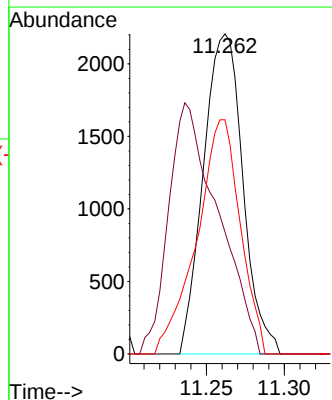
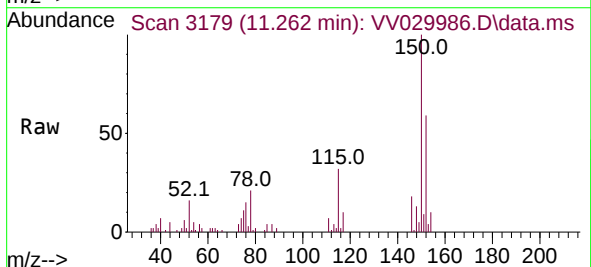
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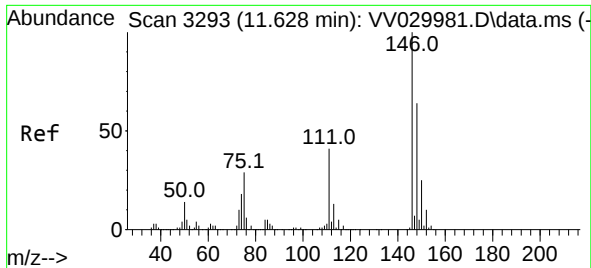
Tgt Ion:146 Resp: 3853
Ion Ratio Lower Upper
146 100
111 48.2 26.9 50.1
148 71.5 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 0.613 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VV029986.D
Acq: 30 Jan 2023 13:04

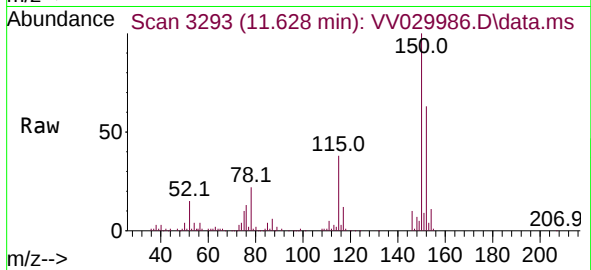
Tgt Ion:146 Resp: 3885
Ion Ratio Lower Upper
146 100
111 38.1 26.2 48.8
148 73.2 44.9 83.5





#67
 1,2-Dichlorobenzene
 Concen: 1.524 ug/L
 RT: 11.628 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV029986.D
 Acq: 30 Jan 2023 13:04

Instrument :
 MSVOA_V
 ClientSampleId :
 A44L1



Tgt Ion:	146	Resp:	9392
Ion	Ratio	Lower	Upper
146	100		
111	49.2	32.7	49.1#
148	65.8	51.0	76.4

