

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013023\
 Data File : VW029986.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 :

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)

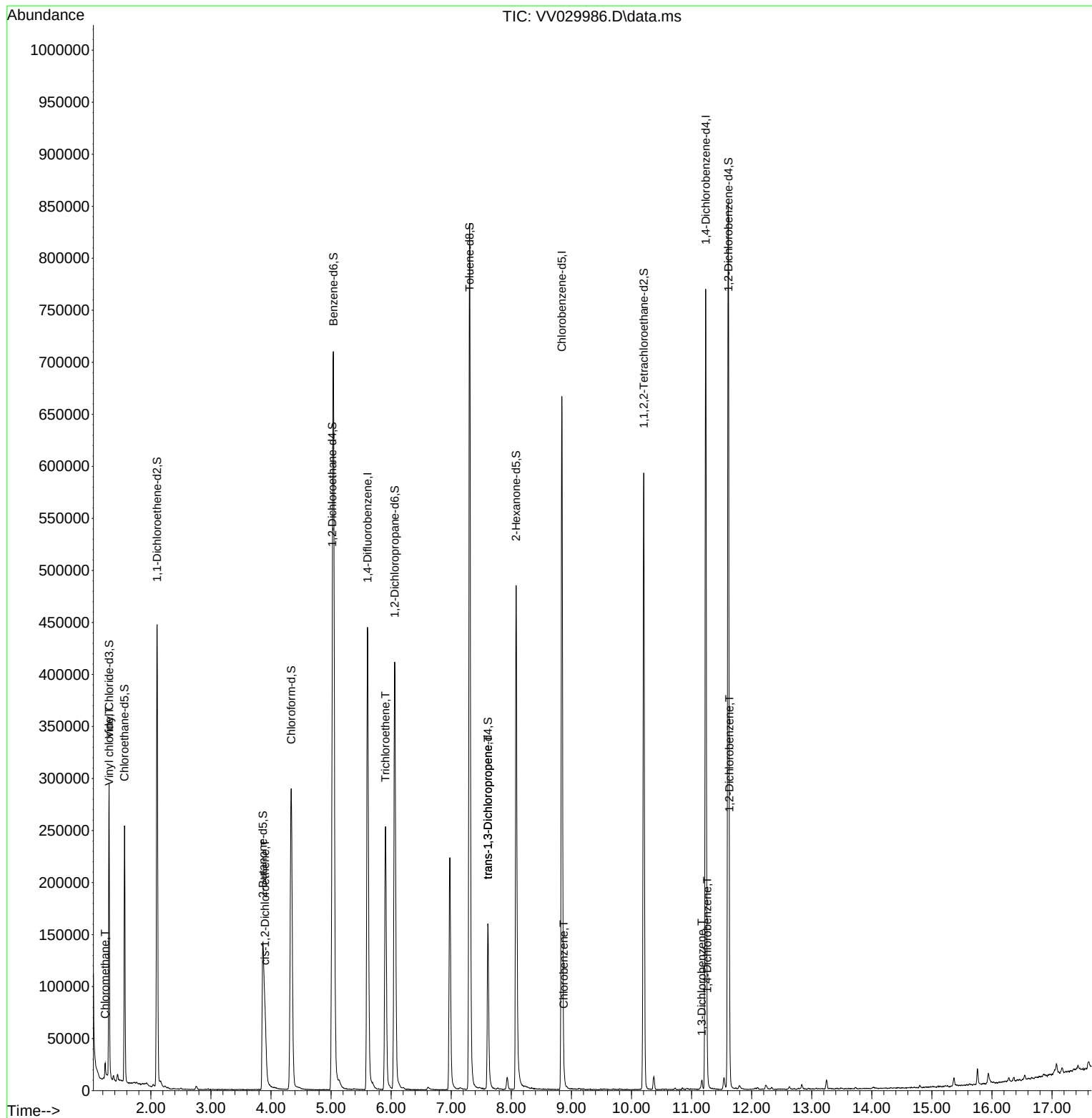
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	390891	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	382868	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	203091	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	171080	62.811	ug/L	0.00
Spiked Amount 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
5) Vinyl chloride	1.307	62	3313	1.011	ug/L #	2
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
44) trans-1,3-Dichloropropene	7.609	75	3716	0.940	ug/L	89
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

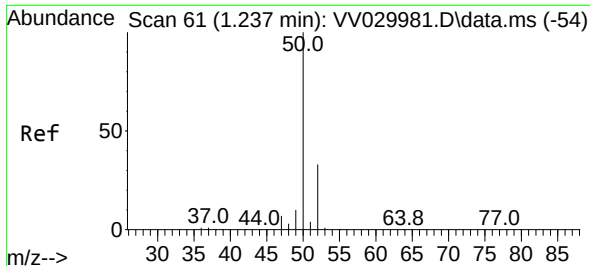
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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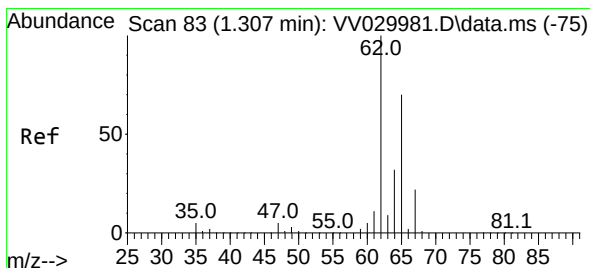
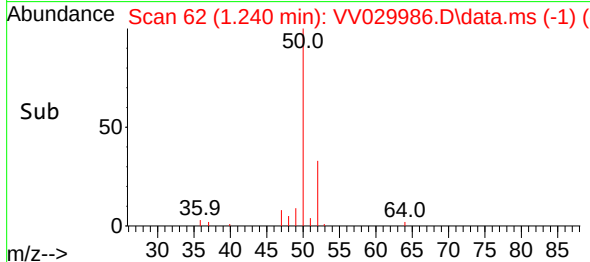
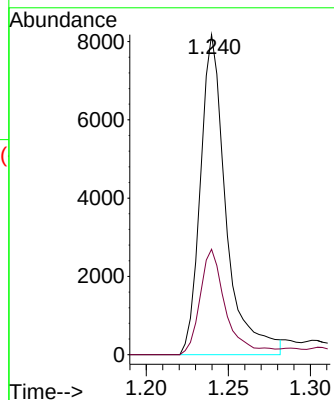
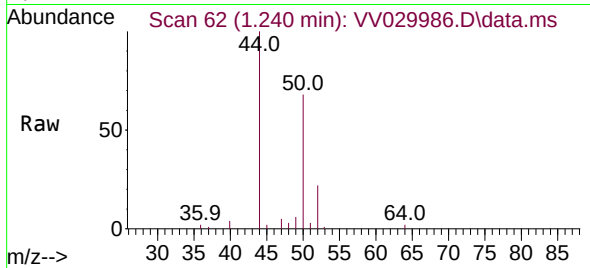




#3
Chloromethane
Concen: 3.124 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029986.D
Acq: 30 Jan 2023 13:04

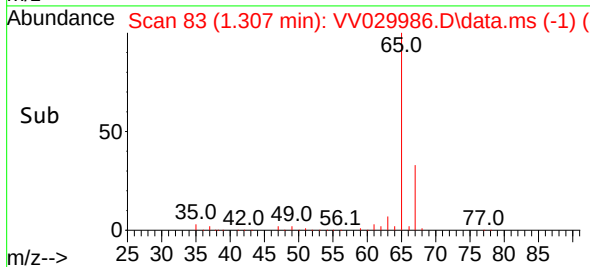
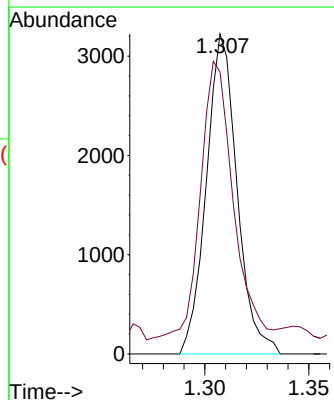
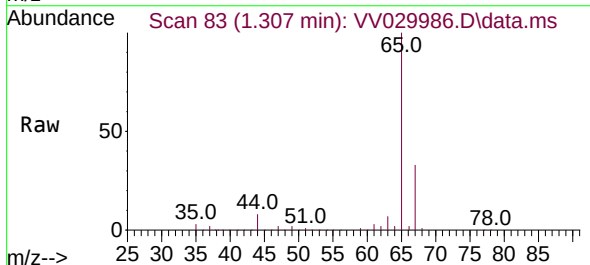
Instrument :
MSVOA_V
ClientSampleId :

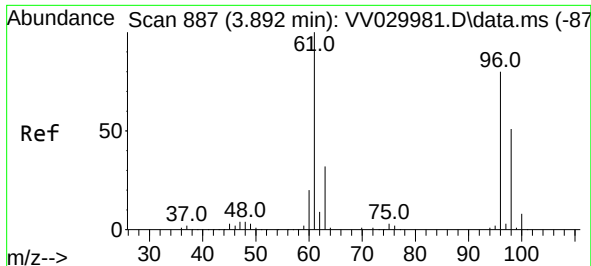
Tgt Ion: 50 Resp: 8899
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.4



#5
Vinyl chloride
Concen: 1.011 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.000 min
Lab File: VV029986.D
Acq: 30 Jan 2023 13:04

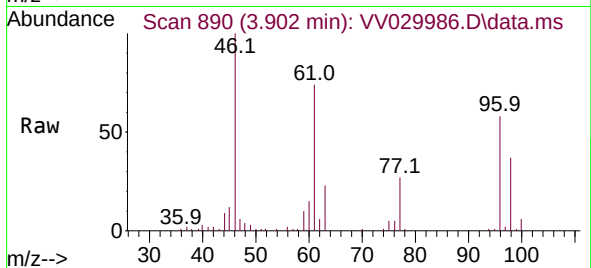
Tgt Ion: 62 Resp: 3313
Ion Ratio Lower Upper
62 100
64 88.1 23.0 42.8#





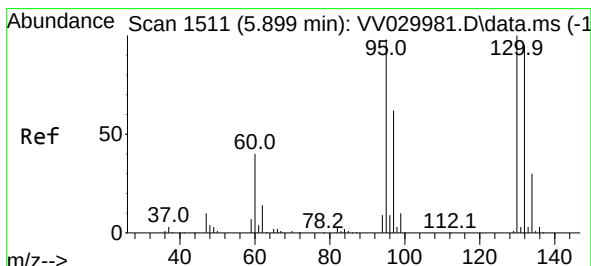
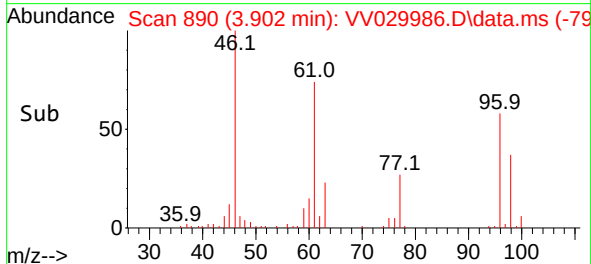
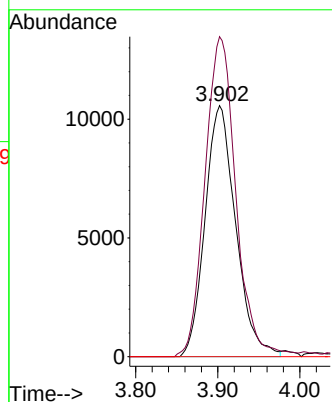
#20
 cis-1,2-Dichloroethene
 Concen: 8.942 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.010 min
 Lab File: VV029986.D
 Acq: 30 Jan 2023 13:04

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 27547

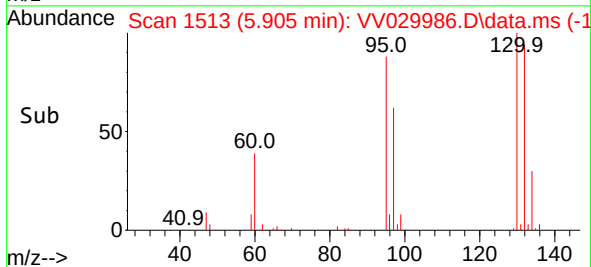
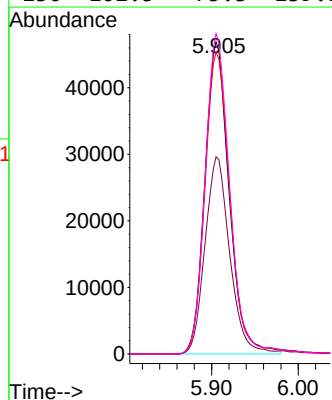
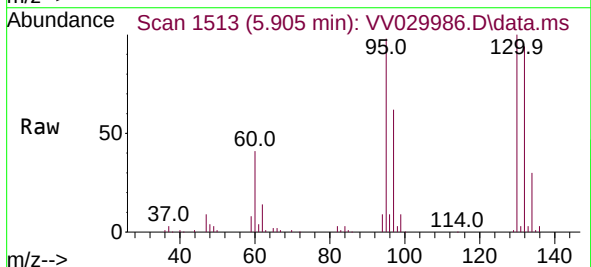
Ion	Ratio	Lower	Upper
96	100		
61	127.5	82.5	153.3
68	0.0	0.0	0.0

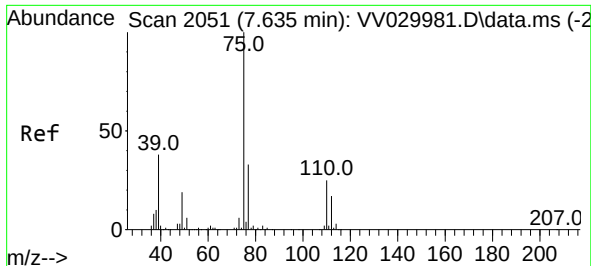


#34
 Trichloroethene
 Concen: 31.657 ug/L
 RT: 5.905 min Scan# 1513
 Delta R.T. 0.006 min
 Lab File: VV029986.D
 Acq: 30 Jan 2023 13:04

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

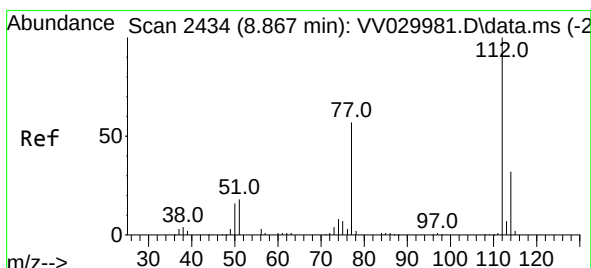
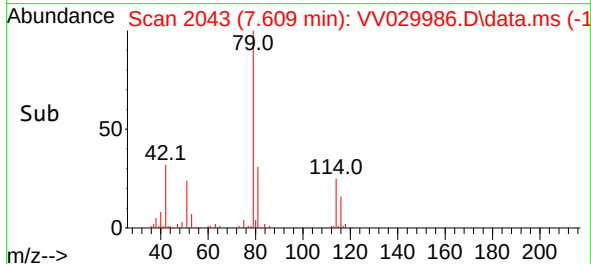
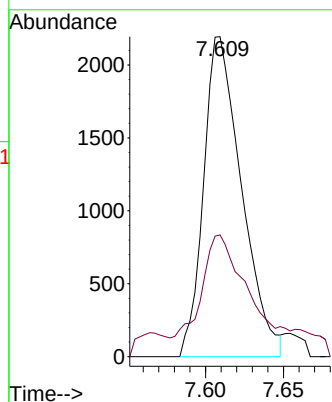
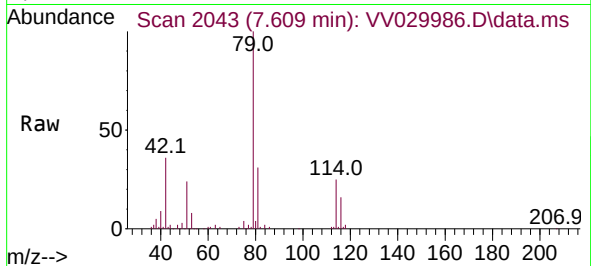




#44
trans-1,3-Dichloropropene
Concen: 0.940 ug/L
RT: 7.609 min Scan# 2043
Delta R.T. -0.026 min
Lab File: VV029986.D
Acq: 30 Jan 2023 13:04

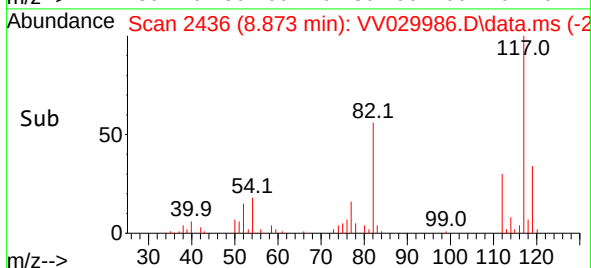
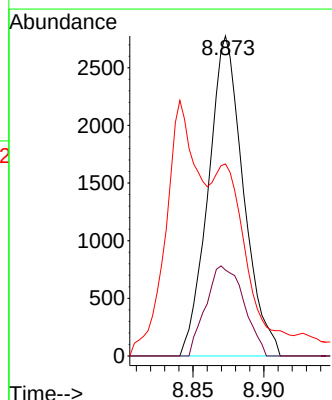
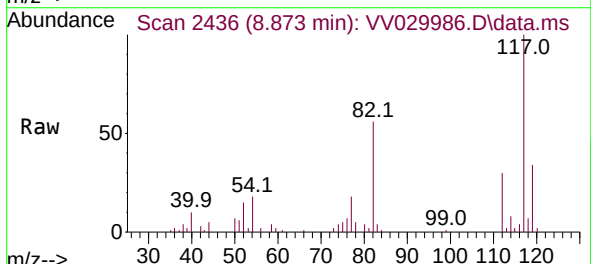
Instrument :
MSVOA_V
ClientSampleId :

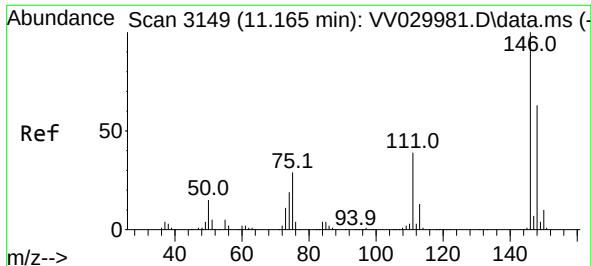
Tgt Ion: 75 Resp: 3716
Ion Ratio Lower Upper
75 100
77 38.1 22.4 41.6



#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

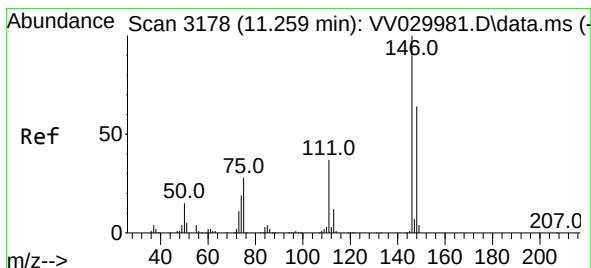
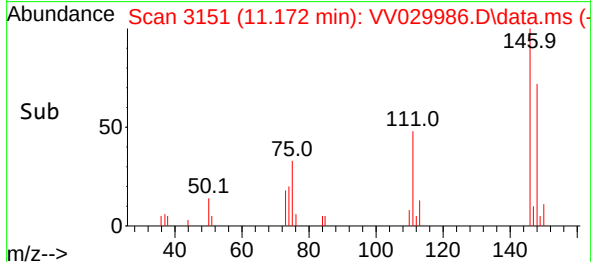
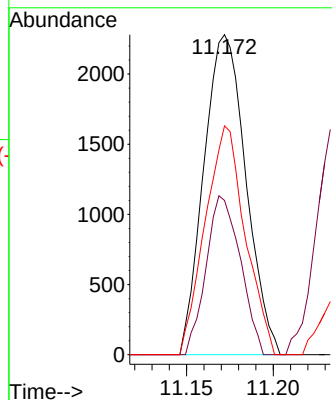
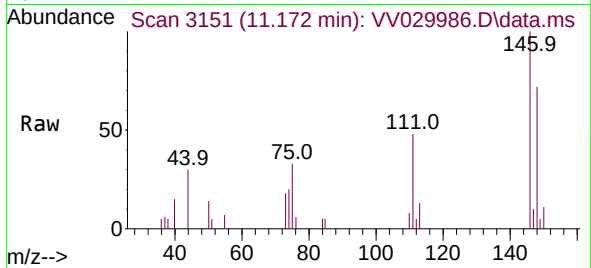




#64
1,3-Dichlorobenzene
Concen: 0.630 ug/L
RT: 11.172 min Scan# 3149
Delta R.T. 0.006 min
Lab File: VV029986.D
Acq: 30 Jan 2023 13:04

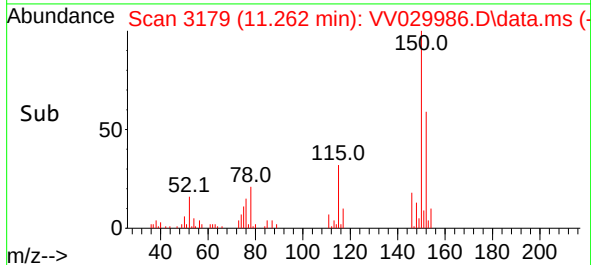
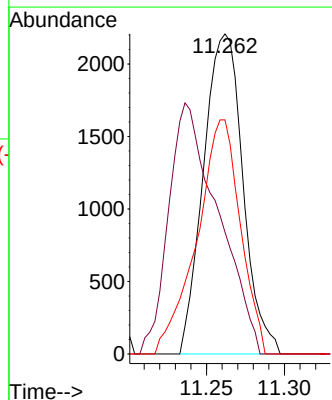
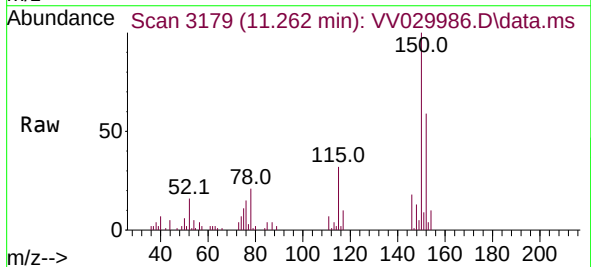
Instrument :
MSVOA_V
ClientSampleId :

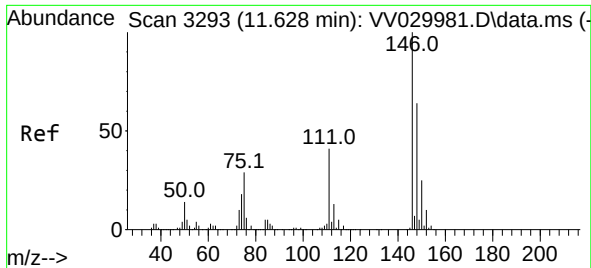
Tgt Ion:146 Resp: 3853
Ion Ratio Lower Upper
146 100
111 48.2 26.9 50.1
148 71.5 44.2 82.2



#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

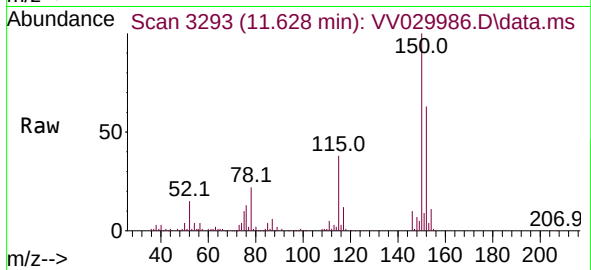
Tgt Ion:146 Resp: 3885
Ion Ratio Lower Upper
146 100
111 38.1 26.2 48.8
148 73.2 44.9 83.5





#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 :



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

