

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029326.D
 Acq On : 24 Nov 2022 04:49
 Operator : SY/MD
 Sample : N5694-04DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB40DL

Quant Time: Nov 25 00:22:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:08:22 2022
 Response via : Initial Calibration

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

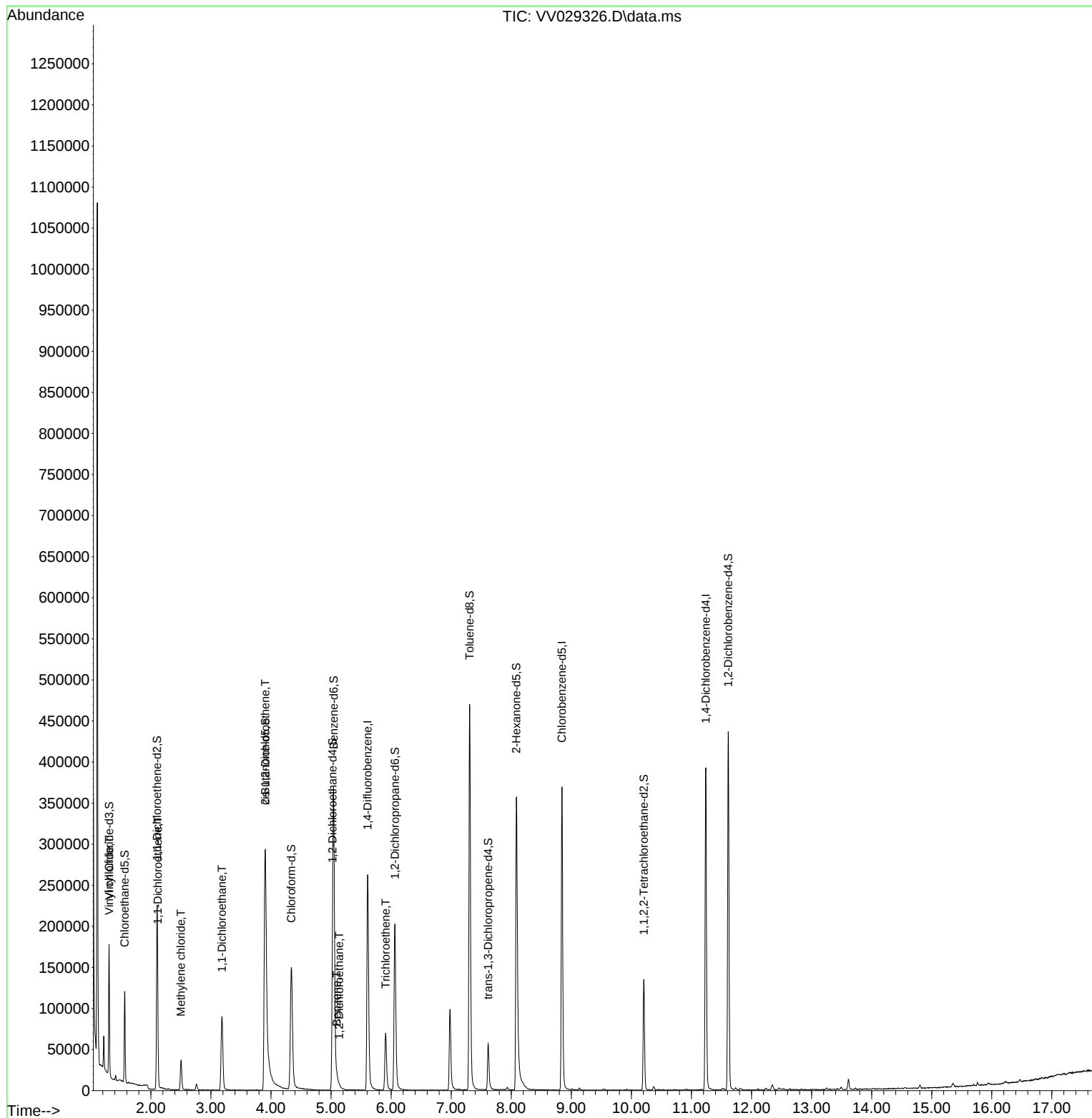
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	248220	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	216841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	110790	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	91178	5.969	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 119.400%		
7) Chloroethane-d5	1.564	69	70644	6.318	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 126.400%		
11) 1,1-Dichloroethene-d2	2.105	63	112118	4.587	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 91.800%		
20) 2-Butanone-d5	3.905	46	148040	57.932	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 115.860%		
24) Chloroform-d	4.339	84	166151	6.094	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 121.800%		
26) 1,2-Dichloroethane-d4	5.024	65	77677	6.475	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 129.400%		
32) Benzene-d6	5.043	84	366494	6.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 122.400%		
36) 1,2-Dichloropropane-d6	6.063	67	107733	6.397	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 128.000%		
41) Toluene-d8	7.307	98	332494	5.878	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 117.600%		
43) trans-1,3-Dichloroprop...	7.616	79	36268	5.586	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 111.800%		
46) 2-Hexanone-d5	8.085	63	153400	66.283	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 132.560%#		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	68270	6.570	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 131.400%#		
66) 1,2-Dichlorobenzene-d4	11.612	152	118632	6.129	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 122.600%#		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	7345	0.434	ug/L #	82
12) 1,1-Dichloroethene	2.114	96	9818	0.769	ug/L #	1
16) Methylene chloride	2.500	84	15923	0.817	ug/L	95
19) 1,1-Dichloroethane	3.182	63	94678	3.591	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	144466	8.622	ug/L	96
27) 1,2-Dichloroethane	5.137	62	3043	0.204	ug/L	99
33) Benzene	5.095	78	11616	0.179	ug/L	100
34) Trichloroethene	5.908	95	23841	1.441	ug/L	97

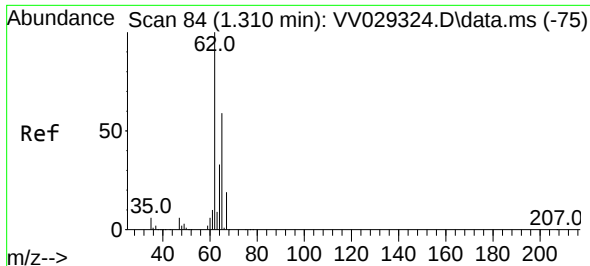
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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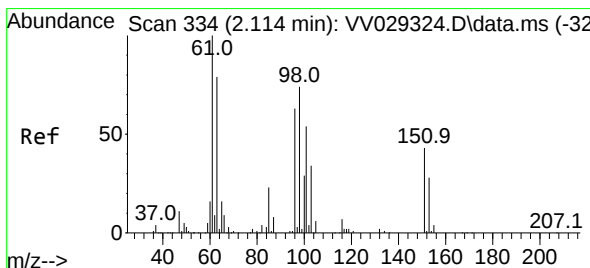
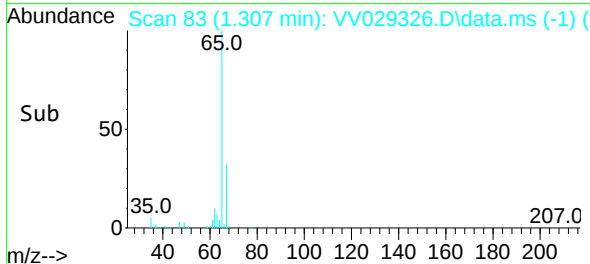
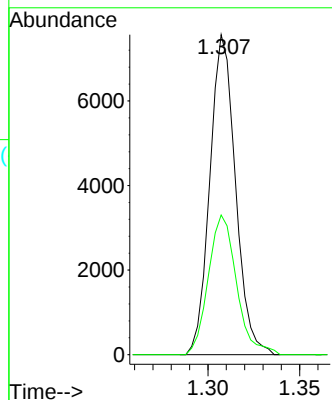
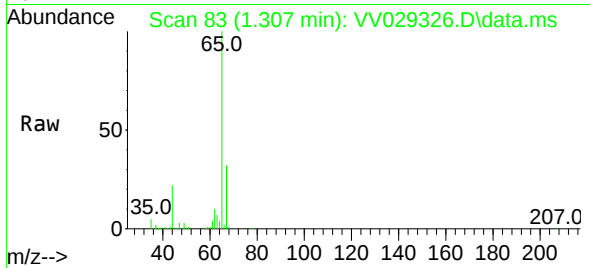




#5
 Vinyl chloride
 Concen: 0.434 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV029326.D
 Acq: 24 Nov 2022 04:49

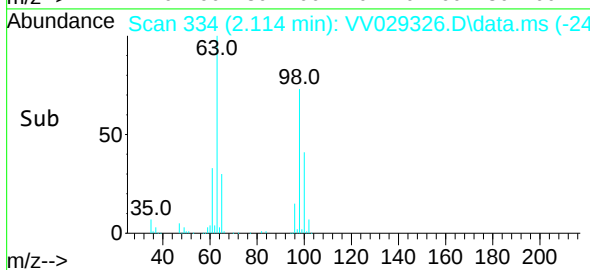
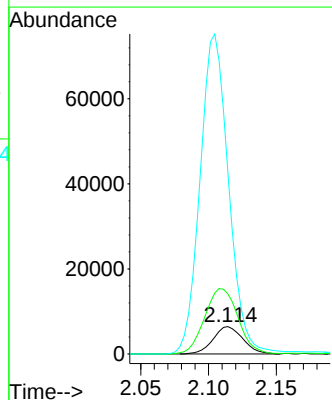
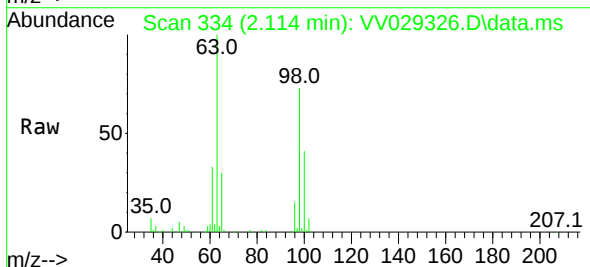
Instrument :
 MSVOA_V
 ClientSampleId :
 BHB40DL

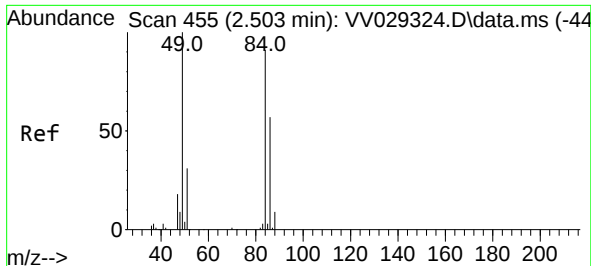
Tgt Ion: 62 Resp: 7345
 Ion Ratio Lower Upper
 62 100
 64 43.7 23.4 43.4#



#12
 1,1-Dichloroethene
 Concen: 0.769 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029326.D
 Acq: 24 Nov 2022 04:49

Tgt Ion: 96 Resp: 9818
 Ion Ratio Lower Upper
 96 100
 61 219.3 110.3 204.9#
 63 663.1 84.4 156.8#

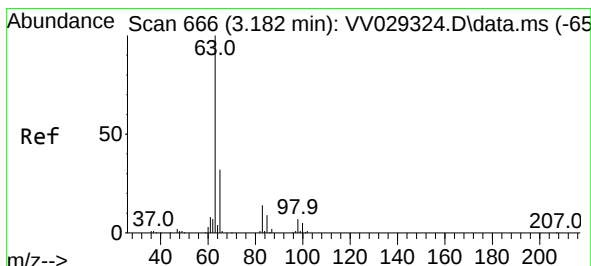
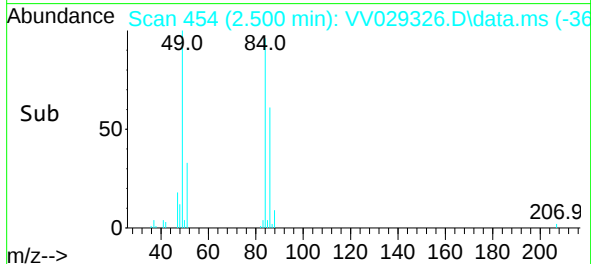
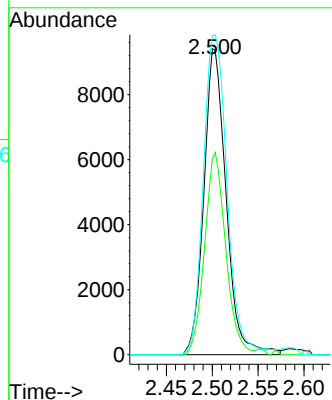
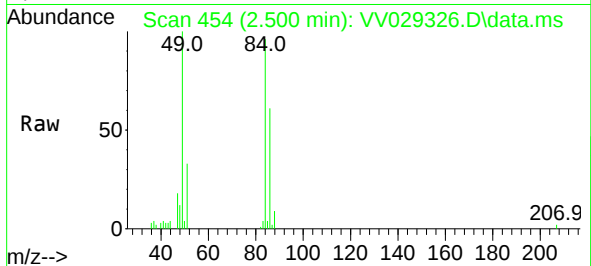




#16
Methylene chloride
Concen: 0.817 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

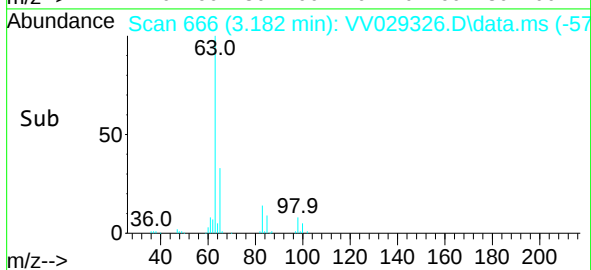
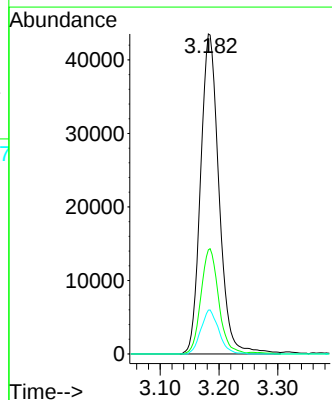
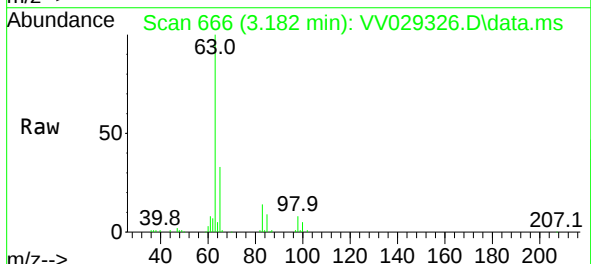
Instrument :
MSVOA_V
ClientSampleId :
BHB40DL

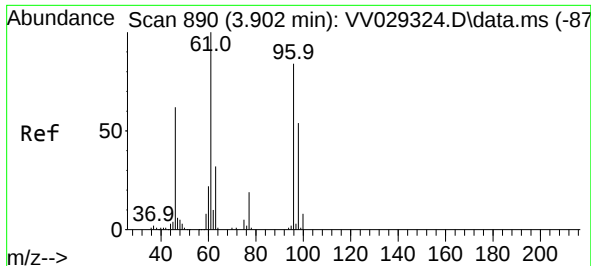
Tgt Ion: 84 Resp: 15923
Ion Ratio Lower Upper
84 100
86 63.9 45.6 84.6
49 104.4 77.8 144.4



#19
1,1-Dichloroethane
Concen: 3.591 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.000 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

Tgt Ion: 63 Resp: 94678
Ion Ratio Lower Upper
63 100
65 32.5 21.6 40.2
83 13.7 10.3 19.1



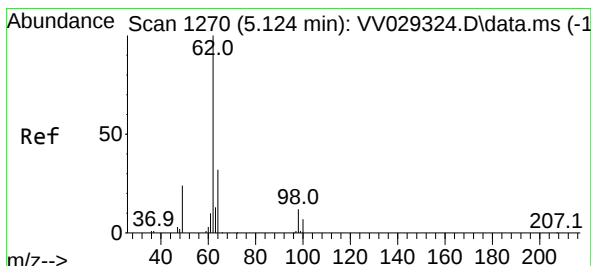
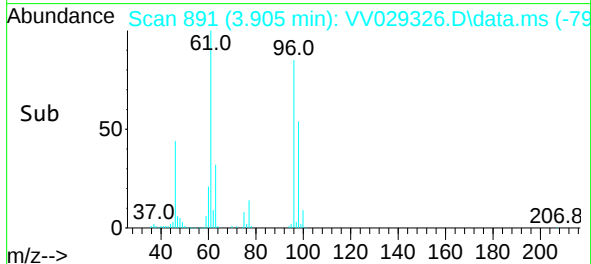
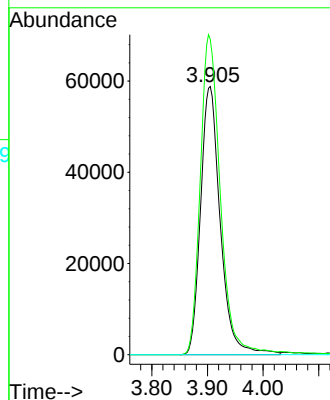
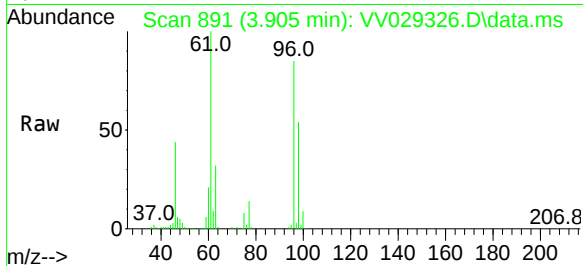


#22
 cis-1,2-Dichloroethene
 Concen: 8.622 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029326.D
 Acq: 24 Nov 2022 04:49

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB40DL

Tgt Ion: 96 Resp: 144466

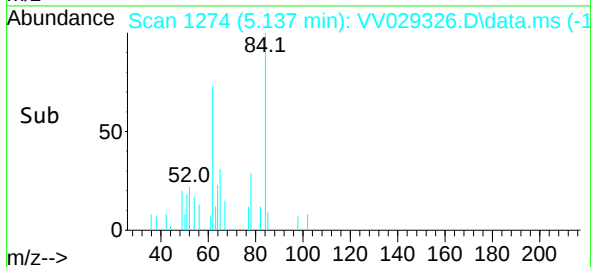
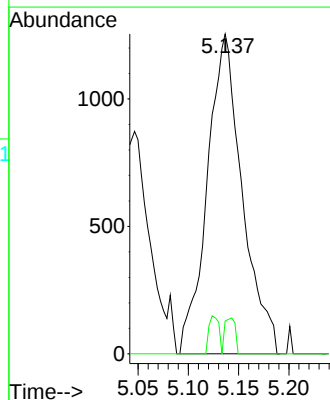
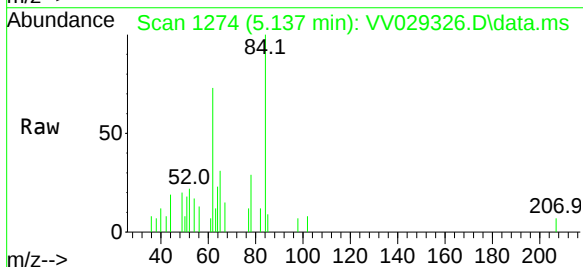
Ion	Ratio	Lower	Upper
96	100		
61	117.6	85.8	159.3
68	0.0	0.0	0.0

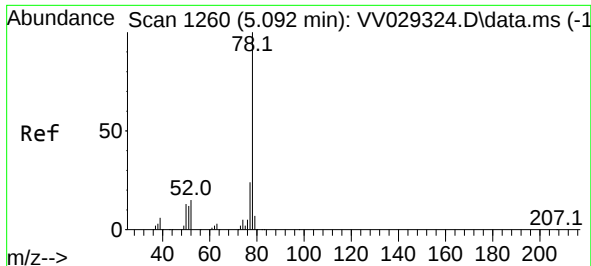


#27
 1,2-Dichloroethane
 Concen: 0.204 ug/L
 RT: 5.137 min Scan# 1274
 Delta R.T. 0.013 min
 Lab File: VV029326.D
 Acq: 24 Nov 2022 04:49

Tgt Ion: 62 Resp: 3043

Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.4	12.6

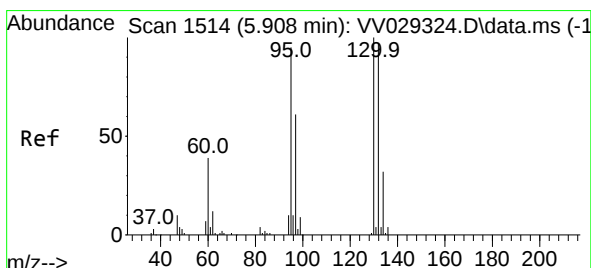
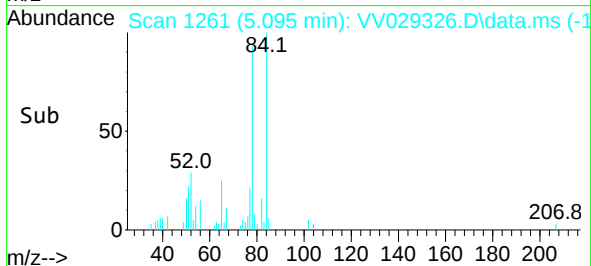
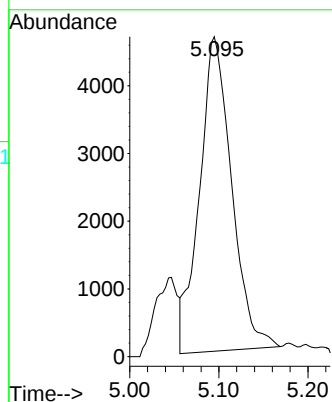
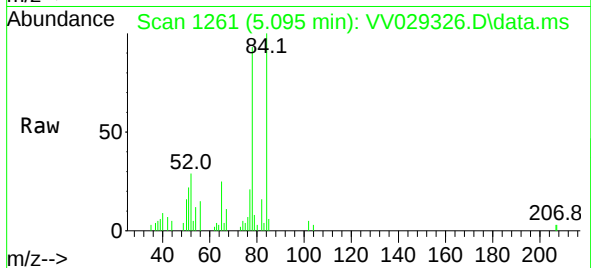




#33
Benzene
Concen: 0.179 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

Instrument : MSVOA_V
ClientSampleId : BHB40DL

Tgt Ion: 78 Resp: 11616



#34
Trichloroethene
Concen: 1.441 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV029326.D
Acq: 24 Nov 2022 04:49

Tgt Ion: 95 Resp: 23841

Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.4	84.4
132	110.5	73.3	136.1
130	110.0	75.6	140.4

