

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029496.D
 Acq On : 09 Dec 2022 00:27
 Operator : SY/MD
 Sample : N5915-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N05

Quant Time: Dec 09 04:16:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

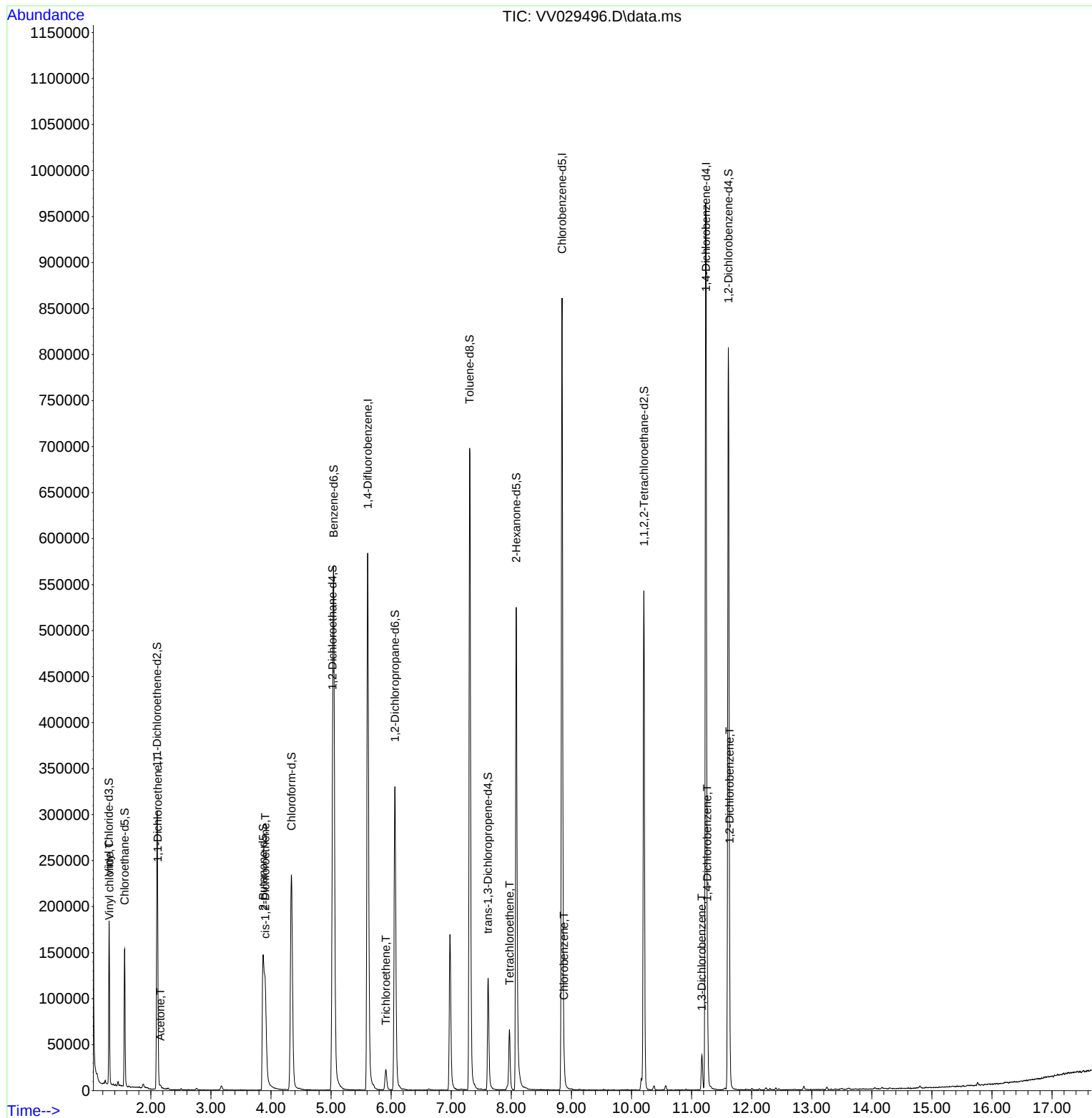
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	530603	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	492840	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	262043	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	103415	31.828	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	63.660%	
7) Chloroethane-d5	1.564	69	96690	39.026	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	78.060%	
11) 1,1-Dichloroethene-d2	2.105	63	150839	29.764	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	59.520%#	
21) 2-Butanone-d5	3.867	46	232046	117.071	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	117.070%	
24) Chloroform-d	4.339	84	256384	41.931	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.860%	
26) 1,2-Dichloroethane-d4	5.024	65	157673	45.151	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.300%	
32) Benzene-d6	5.043	84	544309	41.798	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.600%	
36) 1,2-Dichloropropane-d6	6.063	67	174089	43.765	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	87.540%	
41) Toluene-d8	7.307	98	489615	39.903	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	79.800%#	
43) trans-1,3-Dichloroprop...	7.612	79	74973	37.326	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.660%	
47) 2-Hexanone-d5	8.082	63	202241	119.063	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	119.060%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	271099	47.693	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.380%	
66) 1,2-Dichlorobenzene-d4	11.612	152	216774	43.457	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.920%	
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	6219	1.560	ug/L #	70
12) 1,1-Dichloroethene	2.114	96	8806	3.105	ug/L #	1
13) Acetone	2.159	43	3073	2.380	ug/L	95
20) cis-1,2-Dichloroethene	3.905	96	53223	14.811	ug/L	99
34) Trichloroethene	5.912	95	7168	2.059	ug/L	93
46) Tetrachloroethene	7.969	164	15565	5.561	ug/L	97
51) Chlorobenzene	8.876	112	11053	1.167	ug/L	97
64) 1,3-Dichlorobenzene	11.172	146	17372	2.309	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	37045	4.846	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	22548	2.931	ug/L	97

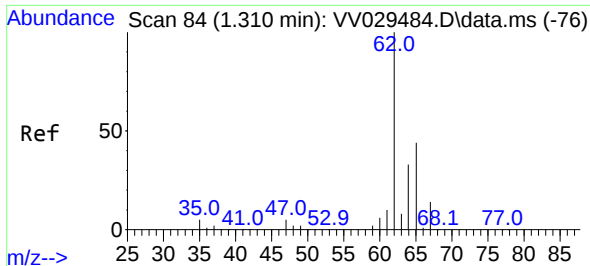
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029496.D
Acq On : 09 Dec 2022 00:27
Operator : SY/MD
Sample : N5915-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5N05

Quant Time: Dec 09 04:16:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration

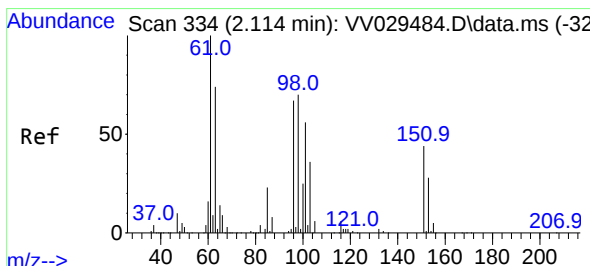
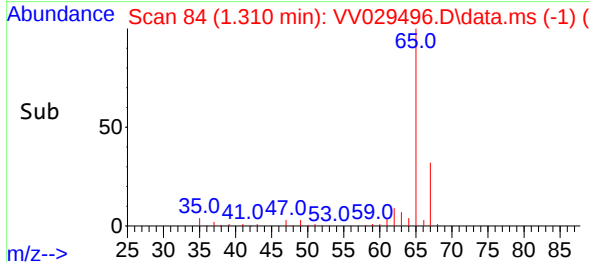
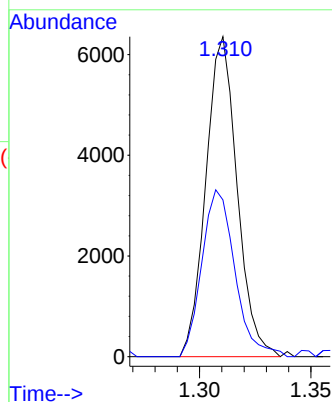
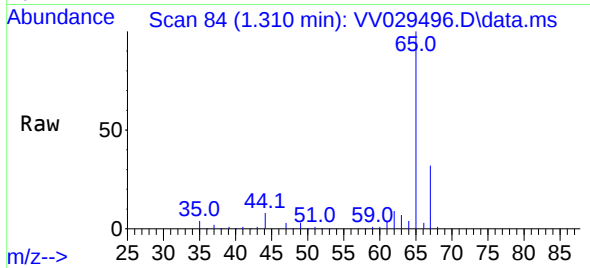




#5
 Vinyl chloride
 Concen: 1.560 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV029496.D
 Acq: 09 Dec 2022 00:27

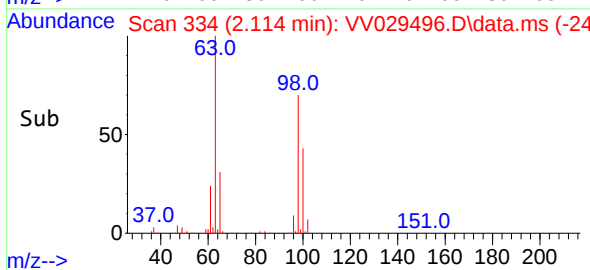
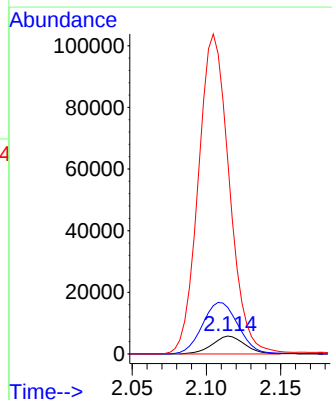
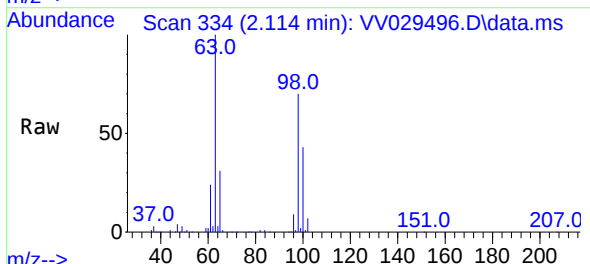
Instrument :
 MSVOA_V
 ClientSampleId :
 F5N05

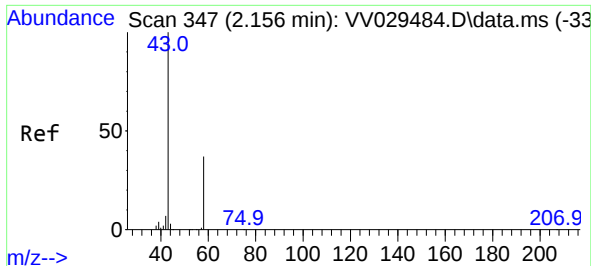
Tgt Ion: 62 Resp: 6219
 Ion Ratio Lower Upper
 62 100
 64 49.0 22.5 41.9#



#12
 1,1-Dichloroethene
 Concen: 3.105 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029496.D
 Acq: 09 Dec 2022 00:27

Tgt Ion: 96 Resp: 8806
 Ion Ratio Lower Upper
 96 100
 61 259.0 103.3 191.9#
 63 1082.2 77.3 143.7#

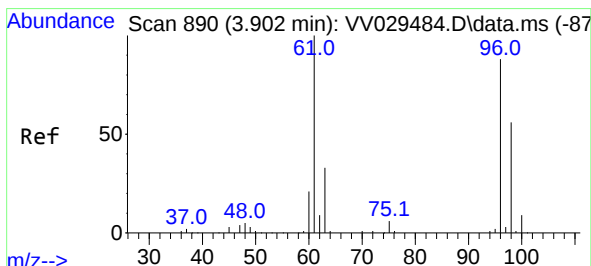
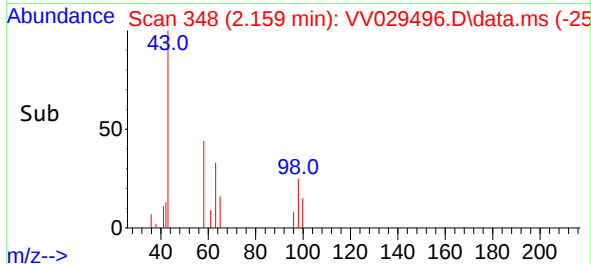
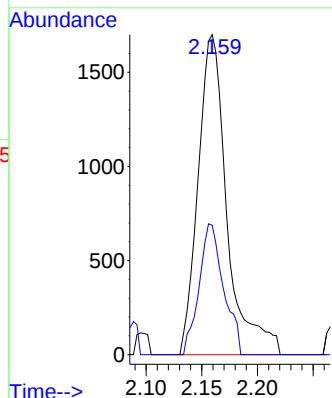
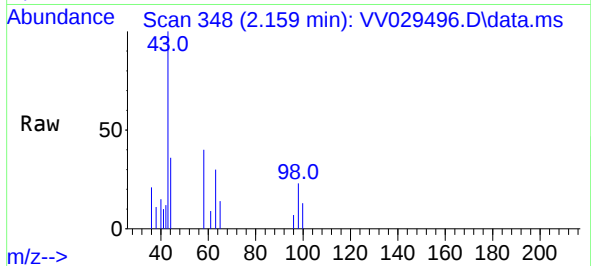




#13
Acetone
Concen: 2.380 ug/L
RT: 2.159 min Scan# 347
Delta R.T. 0.003 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

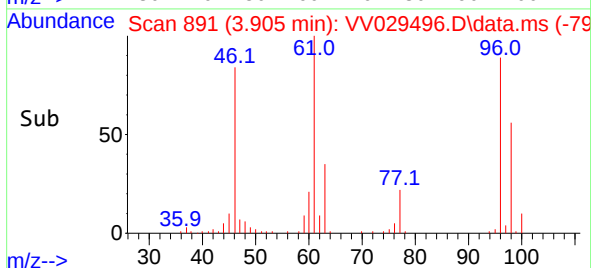
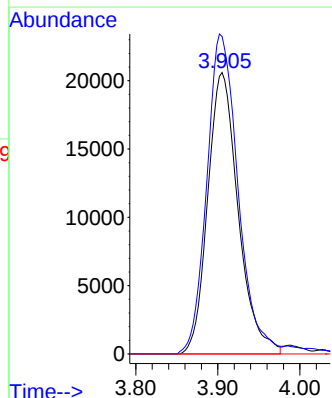
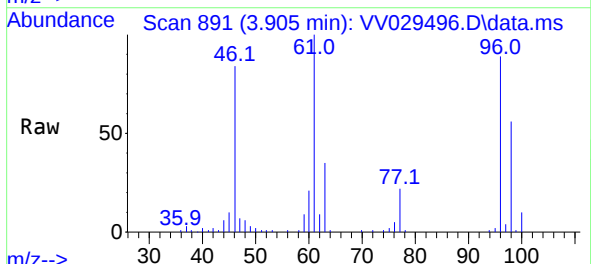
Instrument :
MSVOA_V
ClientSampleId :
F5N05

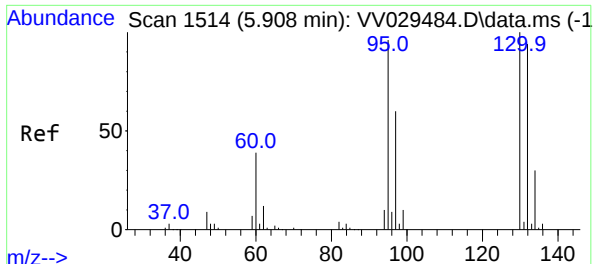
Tgt Ion: 43 Resp: 3073
Ion Ratio Lower Upper
43 100
58 34.6 0.0 74.8



#20
cis-1,2-Dichloroethene
Concen: 14.811 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.000 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Tgt Ion: 96 Resp: 53223
Ion Ratio Lower Upper
96 100
61 112.8 78.0 144.9
68 0.0 0.0 0.0



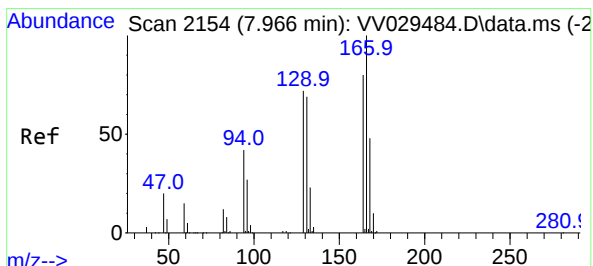
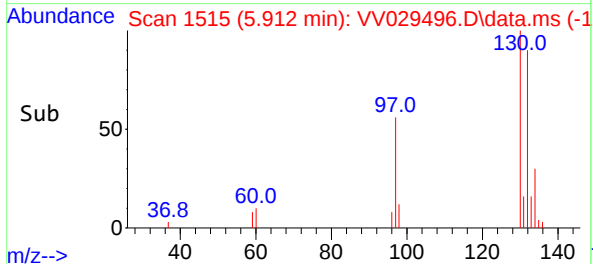
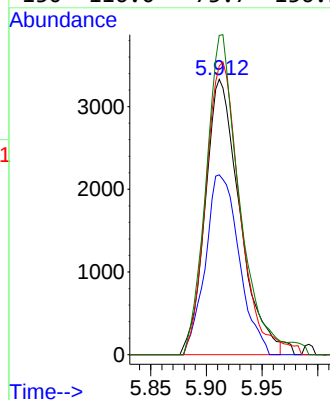
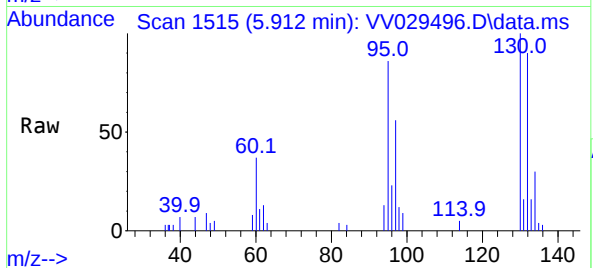


#34
Trichloroethene
Concen: 2.059 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Instrument :
MSVOA_V
ClientSampleId :
F5N05

Tgt Ion: 95 Resp: 7168

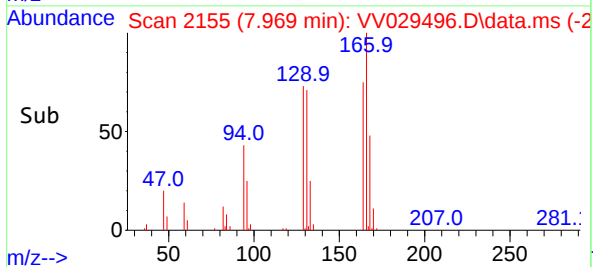
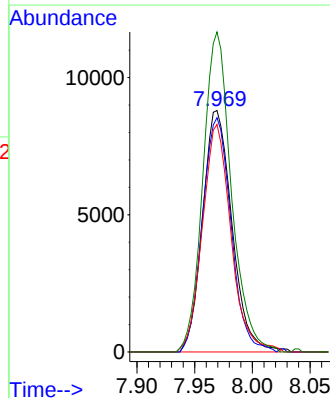
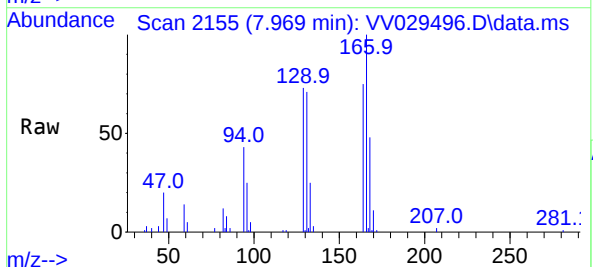
Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.0	81.8
132	104.8	69.9	129.9
130	116.0	73.7	136.9

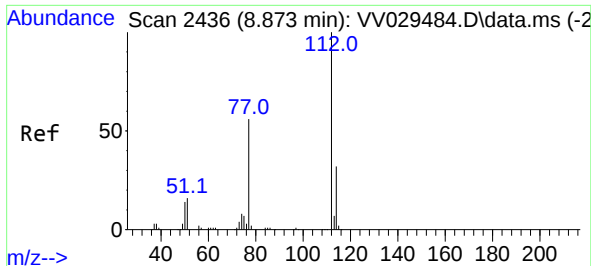


#46
Tetrachloroethene
Concen: 5.561 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Tgt Ion: 164 Resp: 15565

Ion	Ratio	Lower	Upper
164	100		
129	97.0	65.3	121.3
131	94.2	63.1	117.1
166	132.6	90.8	168.6

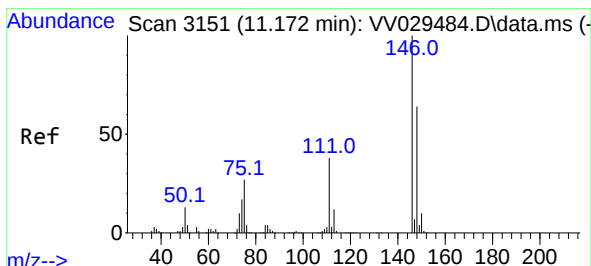
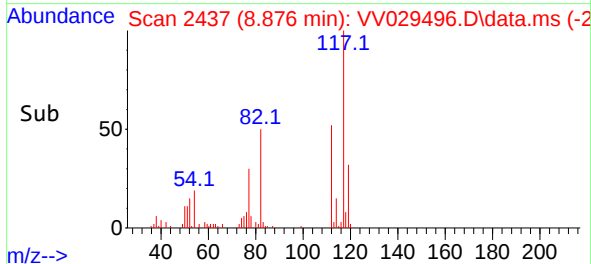
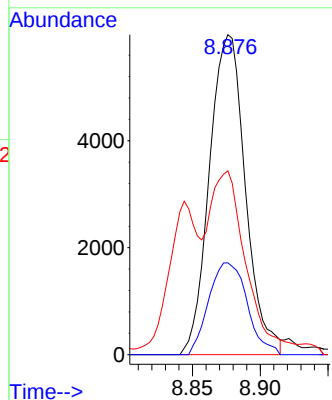
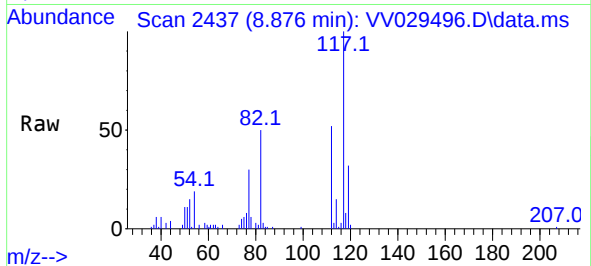




#51
Chlorobenzene
Concen: 1.167 ug/L
RT: 8.876 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

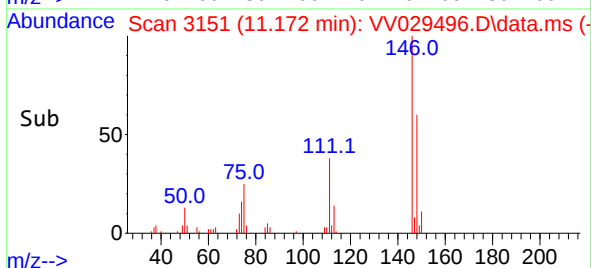
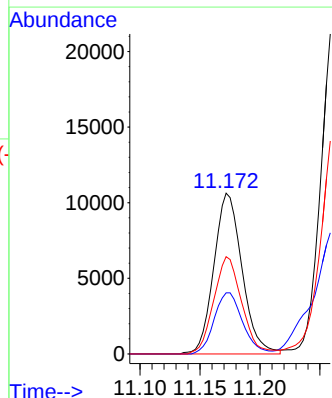
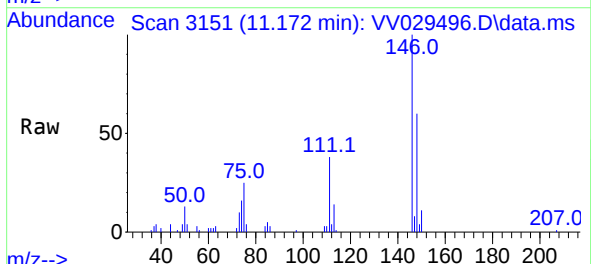
Instrument :
MSVOA_V
ClientSampleId :
F5N05

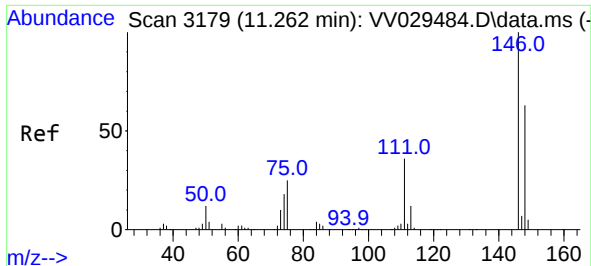
Tgt Ion:112 Resp: 11053
Ion Ratio Lower Upper
112 100
114 28.7 22.3 41.3
77 57.5 45.0 67.4



#64
1,3-Dichlorobenzene
Concen: 2.309 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Tgt Ion:146 Resp: 17372
Ion Ratio Lower Upper
146 100
111 38.0 27.4 51.0
148 60.5 44.6 82.8

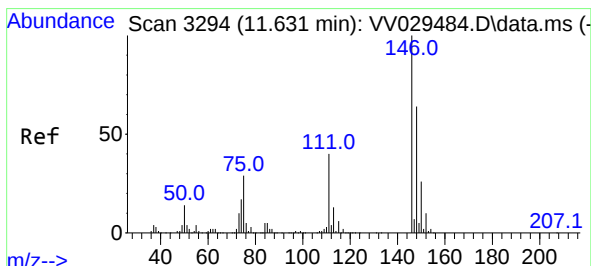
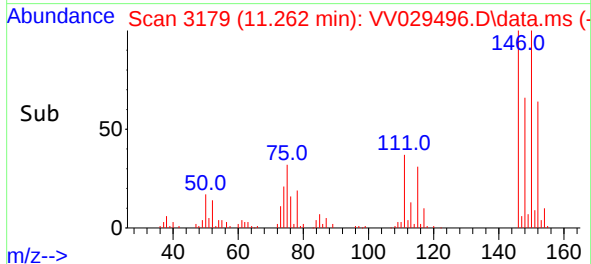
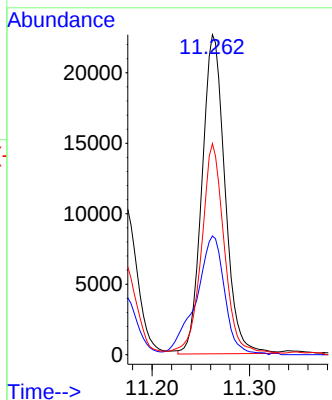
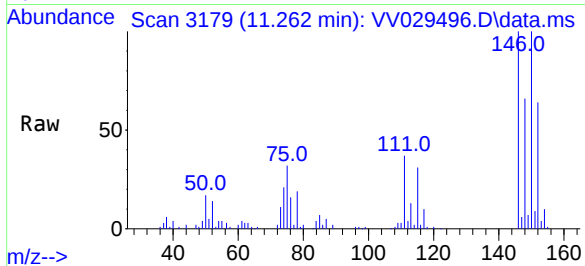




#65
1,4-Dichlorobenzene
Concen: 4.846 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Instrument :
MSVOA_V
ClientSampleId :
F5N05

Tgt Ion:146 Resp: 37045
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.8
148 66.0 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 2.931 ug/L
RT: 11.632 min Scan# 3294
Delta R.T. -0.000 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Tgt Ion:146 Resp: 22548
Ion Ratio Lower Upper
146 100
111 42.4 32.0 48.0
148 61.8 50.6 76.0

